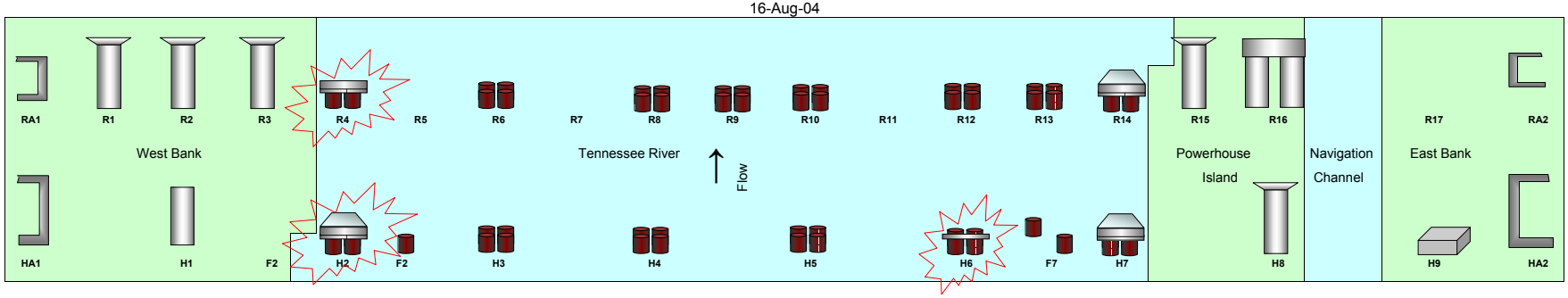
Substructures Visual Progress Report
16-Aug-04



Current Work:

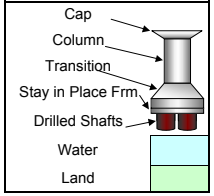
H2, Place transition

R4, Place shaft cap. 13-aug-04

H6, Set stay in place form

Projected Work:

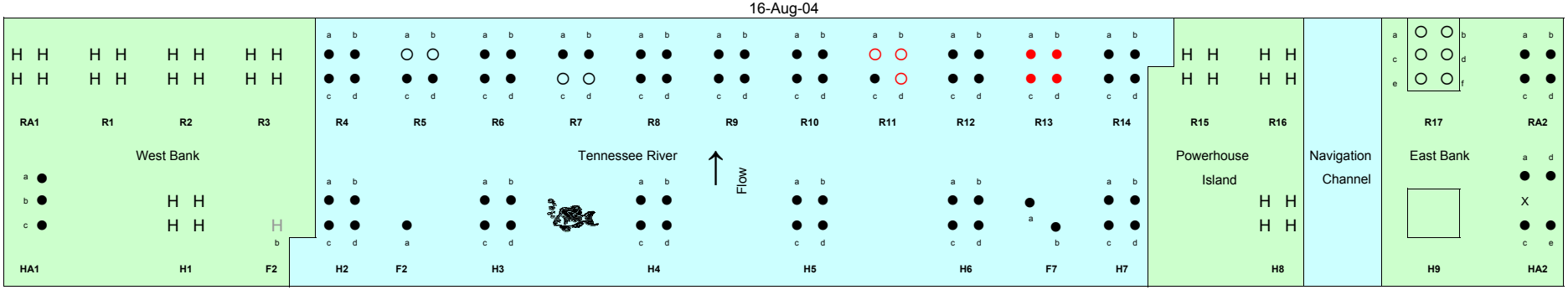
Key



Completion Estimate		
Completed Pier	10 of 32	31.3%
Cap	6 of 26	23.1%
Column	7 of 26	26.9%
Bell	3 of 17	17.6%
Stay in Plc. Frm	4 of 17	23.5%
Drilled Shafts	74 of 88	84.1%

Drilled Shafts Visual Progress Report

16-Aug-04



Shaft Concrete Placed: 74 of 88 (84%)

Shaft Drilled: 75 of 88 (85%)

Shaft Can Placed: 88 of 88 (100%)

Key	
Perm. Casing Set	○
Shaft Drilled	⊙
Concrete Placed	●
Pile Foundation	H
Complete Pile Foundation	H
Water	
Land	
Current Work is red	

Current Activity:

R13, Pull Temp. Cans.

R11D, Drill with Wirth drill

R5, begin drilling with Wirth drill

Projected Activity:

Remediate top of R11A shaft

Kentucky Lock Project
Bridge Substructure Progress Report
Week Ending 8-13-04

Shaft No.	NQ Ground Elev.	NQ TR Elev	As-Blt TR Elev	As-Built Bottom perm. casing	Casing into rock (LF)	Rev. Tip Elev.	As-Built Tip Elev.	Drilling Completed	Socket Length	Remarks
HA1A	370.1	232.4	232.4	233.92	-1.51	222.0	220.92	1	11.5	COMPLETED
HA1B	370.1	232.5	232.5	233.43	-0.93	204.0	203.0	1	29.5	COMPLETED
HA1C	370.0	234.7	234.7	234.52	0.18	222.0	221.7	1	13.0	COMPLETED
F2A	298.1	234.9	234.9	227.72	7.15	215.5	215.0	1	19.9	COMPLETED
F2B								deleted		deleted
H2A	298.0	235.0	233.1	231.8	1.27	216.0	215.7	1	17.4	COMPLETED
H2B	291.8	235.5	235.3	234.5	0.87	214.5	213.8	1	21.5	COMPLETED
H2C	292.3	236.4	235.6	234.8	0.82	217.4	216.5	1	19.1	COMPLETED
H2D	291.7	235.6	236.2	235.1	1.09	216.6	215.9	1	20.3	COMPLETED
H3A	267.0	234.9	235.1	234.8	0.26	210.0	209.0	1	26.1	COMPLETED
H3B	267.0	234.6	234.1	233.1	0.99	210.0	209.6	1	24.5	COMPLETED
H3C	264.5	234.3	234.6	234.2	0.43	210.0	209.6	1	25.0	COMPLETED
H3D	264.7	234.2	234.6	234.2	0.47	206.5	205.5	1	29.1	COMPLETED
H4A	273.0	238.4	240.1	238.1	2.05	219.0	218.4	1	21.8	COMPLETED
H4B	270.3	239.8	240.0	239.3	0.71	220.5	220.3	1	19.8	COMPLETED
H4C	270.3	238.3	239.4	238.8	0.62	214.3	214.0	1	25.4	COMPLETED
H4D	268.3	240.2	240.7	240.4	0.33	217.0	216.5	1	24.2	COMPLETED
H5A	274.7	247.2	248.0	248.0	-0.06	222.0	218.5	1	29.5	remed. 10/18, 10/24/03
H5B	274.9	246.9	246.6	247.3	-0.66	223.5	222.7	1	24.0	Rebar cage modified
H5C	274.8	240.6	245.7	244.9	0.79	221.0	220.6	1	25.1	remed. 10/6/03
H5D	273.7	243.1	242.0	242.5	-0.47	211.0	205.5	1	36.6	Rebar cage modified
H6A	281.8	244.3	244.9	244.3	0.54	225.0	224.8	1	20.0	COMPLETED
H6B	277.0	245.4	245.8	245.1	0.66	221.0	220.5	1	25.2	COMPLETED
H6C	274.8	244.8	244.8	245.1	-0.26	220.5	220.0	1	24.8	COMPLETED
H6D	274.5	245.8	245.8	246.1	-0.27	222.0	221.8	1	24.0	COMPLETED
F7A	270.2	249.8	249.8	244.9	4.88	229.8	228.7	1	21.1	COMPLETED
F7B	290.4	252.9	254.8	254.8	0.00	233.0	232.0	1	22.8	Rebar cage modified
H7A	302.8	253.4	257.3	251.5	5.79	232.8	232.4	1	24.8	COMPLETED
H7B	303.0	250.3	250.3	246.7	3.64	231.1	230.2	1	20.2	COMPLETED
H7C	302.3	255.0	255.0	249.5	5.43	235.5	234.5	1	20.4	COMPLETED
H7D	304.4	251.4	251.4	248.7	2.70	232.4	231.8	1	19.6	COMPLETED
HA2A	394.5	337.4	339.3	338.6	0.67	268.5	265.9	1	73.4	COMPLETED
HA2B	394.3	344.4						deleted		deleted
HA2C	394.0	378.2	381.1	372.66	8.42	270.0	268.7	1	112.4	COMPLETED
HA2D	394.6	358.6	358.6	358.11	0.53	315.0	314.5	1	44.1	COMPLETED
HA2E	393.6	345.1	345.1	344.50	0.62	324.0	323.8	1	21.4	COMPLETED
R4A	307.4	234.4	235.8	236.19	-0.44	212.0	211.4	1	24.3	COMPLETED
R4B	307.7	235.9	236.5	235.61	0.84	212.0	211.5	1	25.0	COMPLETED
R4C	307.3	235.5	236.1	235.75	0.35	212.0	211.3	1	24.9	COMPLETED
R4D	307.5	235.7	235.7	235.40	0.30	212.0	211.8	1	23.9	COMPLETED
R5A	259.3	234.1	234.6	234.43	0.15	196.0				
R5B	255.2	235.2	235.2	235.18	0.00	196.0				
R5C	255.8	234.9	235.6	235.47	0.13	196.0	195.7		40.0	COMPLETED
R5D	259.6	235.3	236.2	236.13	0.09	196.0	195.5		40.7	
R6A	263.7	235.1	235.1	230.15	4.95	204.0	203.4	1	31.7	COMPLETED
R6B	267.8	235.3	235.3	230.17	5.17	204.0	202.7	1	32.7	COMPLETED
R6C	263.5	235.3	234.4	230.60	3.83	204.0	203.5	1	30.9	Remediated, not yet redrilled.
R6D	264.2	234.8	234.8	224.45	10.35	204.0	203.5	1	31.3	COMPLETED
R7A	276.7	234.4	235.2	229.58	5.64	198.0	193.4	1	41.8	COMPLETED
R7B	278.3	234.9	235.3	234.80	0.50	198.0	197.65	1	37.7	COMPLETED
R7C	278.5	234.7		237.30		198.0				
R7D	279.4	235.9		234.65		198.0				
R8A	278.9	238.1	238.3	237.96	0.34	212.0	211.14	1	27.2	
R8B	279.2	236.7	237.3	237.14	0.20	212.0	211.14	1	26.2	
R8C	279.6	238.3	238.4	238.32	0.05	212.0	211.24	1	27.1	
R8D	279.0	238.1	239.6	239.51	0.07	212.0	211.03	1	28.6	
R9A	278.7	239.6	239.7	239.45	0.25	216.0	215.62	1	24.1	COMPLETED
R9B	279.8	242.2				216.0				
R9C	278.3	235.2	240.4	240.00	0.40	210.0	209.50	1	30.9	COMPLETED

R9D	279.0	241.4	241.8	241.75	0.01	216.0	215.48	1	26.3	
R10A	276.4	241.7	243.6	243.28	0.32	218.0	217.20	1	26.4	COMPLETED
R10B	275.9	247.0	246.8	246.62	0.18	218.0	217.42	1	29.4	COMPLETED
R10C	276.4	242.9				218.0		1		
R10D	273.6	242.9	245.4	244.42	0.98	218.0	217.59	1	27.8	COMPLETED
R11A	276.5	244.3				220.0				
R11B	274.4	242.3				220.0				
R11C	276.2	243.5	243.6	243.20	0.42	220.0	219.62	1	24.0	COMPLETED
R11D	276.9	244.6				220.0				
R12A	278.1	244.8	279.2	248.88	0.33	220.0	219.35	1	59.9	Rebar cage modified
R12B	277.7	245.2	246.3	245.76	0.49	220.0	218.22	1	28.0	Rebar cage modified
R12C	275.5	243.3	247.6	247.56	0.04	220.0	219.57	1	28.0	Rebar cage modified
R12D	278.3	244.5	245.6	244.69	0.95	220.0	219.42	1	26.2	Rebar cage modified
R13A	274.4	248.8	248.8	248.92	-0.12	223.0		1		
R13B	273.8	246.2	246.2	247.79	-1.64	223.0				
R13C	271.9	248.8	248.8	249.19	-0.42	223.0				
R13D	272.5	248.8	248.8	249.91	-1.10	223.0				
R14A	288.4	248.3	250.6	250.16	0.46	224.0	222.16	1	28.5	COMPLETED
R14B	293.0	248.6	248.7	242.80	5.85	224.0	223.10	1	25.6	COMPLETED
R14C	282.9	249.7	250.2	249.62	0.59	224.0	222.95	1	27.3	COMPLETED
R14D	293.1	249.0	249.0	237.53	11.46	216.0	215.03	1	34.0	COMPLETED
R17A	328.1	320.9				265.0				East bank excavation in progress.
R17B	329.6	325.4				265.0				East bank excavation in progress.
R17C	328.1	319.9				265.0				East bank excavation in progress.
R17D	329.9	327.7				265.0				East bank excavation in progress.
R17E	328.0	324.1				265.0				East bank excavation in progress.
R17F	330.4	327.8				265.0				East bank excavation in progress.
RA2A	388.7	335.7	335.7			315.0	315.0	1	20.7	COMPLETED
RA2B	388.9	353.2	353.2	353.30	-0.07	340.0	339.4	1	13.9	COMPLETED
RA2C	388.9	361.2	361.2			315.0	314.9	1	46.4	COMPLETED
RA2D	389.5	343.7	370.9	342.08	28.81	335.3	335.3	1	35.6	COMPLETED
Total =					ave= 1.8			74 of 88		