



URBAN HYDROLOGY AND HYDRAULICS  
 RIVER OHKS REVISION 9-2-80  
 PROJ. NO. 80156-1213 KJH  
 NODES 151-99

HYDRAULICS

POINT	HYD-SLOPE <FT/FT>	FRICTION	SBID <FT>	TRANSITION	MANHOLE <FT>	DEFLECTION	JUNCTION	TOTAL <FT>	HYD-GL ELEVATION	DESIRED DIFF. <FT>
151	.00031	.0159	0.	0.	0.	0.	0.	.0159	74.03	- .15
150	.00024	.0479	0.	.0002	0.	.0037	.0256	.0794	74.02	- .14
155	.00032	.0150	0.	0.	0.	0.	0.	.0150	73.95	.12
152	.00044	.0253	0.	0.	0.	0.	0.	.0253	74.02	- .27
151	.00029	.0175	0.	.0001	0.	.0120	.0276	.0573	74.00	- .25
150	.00033	.0556	0.	.0012	0.	.0118	.0172	.0868	73.94	.13
141	.00032	.0189	0.	0.	0.	0.	0.	.0189	73.87	.13
145	.00018	.2454	0.	0.	0.	0.	0.	.2454	74.10	- .10
140	.00155	.3733	0.	.1245	0.	.4435	-.5290	.4124	73.85	.15
133	.00035	.0225	0.	0.	0.	0.	0.	.0225	73.45	.54
132	.00073	.0475	0.	0.	0.	0.	0.	.0475	73.55	.07
131	.00028	.0158	0.	.0018	0.	.0107	.0321	.0614	73.50	.12
130	.00155	.3317	0.	.0018	0.	0.	.0415	.3750	73.44	.35
120	.00171	.1025	0.	.0008	0.	.0154	.0253	.1450	73.05	.54
111	.00009	.0053	0.	0.	0.	0.	0.	.0053	72.92	.68
110	.00175	.2111	0.	.0009	0.	.0239	.0255	.2613	72.92	.68
100	.00175	.0950	0.	0.	.0149	.1450	.0088	.2681	72.55	1.42
99	0.	0.	0.	0.	0.	0.	0.	0.	72.39	0.

URBAN HYDROLOGY AND HYDRAULICS



URBAN HYDROLOGY AND HYDRAULICS  
 RIVER OAKS HOISTING 9-2-80  
 PROJ. NO. 80156-1213 KJH  
 NOTES 200-241

HYDRAULICS

POINT	HYD-SLOPE <FT./FT>	FRICTION SAND <FT>	TRANSITION <FT>	WHOLE DEFLECTION <FT>	JUNCTION <FT>	TOTAL <FT>	HYD-GL ELEVATION	DESIGNED ELEVATION	DIFF.
241	.00087	.0525	0.	0.	0.	.0525	72.95	73.66	.71
240	.00868	.6168	0.	.0193	.2075	.8535	72.90	73.66	.76
230	.00089	.1794	0.	.0736	-.0191	.2479	72.04	74.33	2.29
220	.00157	.1177	0.	.0124	-.1153	.0510	71.80	73.00	1.20
211	.00157	.0940	0.	0.	0.	.0940	71.64	73.00	1.36
210	.00121	.1819	0.	.0239	.0895	.2953	71.55	73.00	1.45
200	0.	0.	0.	0.	0.	0.	71.25	71.25	0.



NOIES 330 300 RILER OAKS

HYDRULICS

POINT	HYD-SLOPE (FT./FT)	FRICTION (FT)	SEED (FT)	TRANSITION (FT)	MINOR (FT)	DEFLECTION (FT)	JUNCTION (FT)	TOTAL (FT)	HYD-GL ELEVATION	DESIRED ELEVATION	DIFF.
330	.00135	.3573	0.	0.	0.	0.	0.	.3573	72.86	73.83	.97
320	.00092	.0601	0.	.0000	0.	.0120	.0891	.1612	72.90	73.00	.10
311	.00314	.2041	0.	0.	0.	0.	0.	.2041	72.55	73.00	.45
310	.00134	.2012	0.	.0071	0.	.0100	.1133	.3316	72.34	73.00	.66
300	0.	0.	0.	0.	0.	0.	0.	0.	72.01	72.01	0.



HOES 432-400 RIVER DAMS

HYDR AULICS

POINT	HYD-SLOPE <FT/FT>	FRICTION <FT>	SEMI <FT>	TRANSITION <FT>	WHOLE <FT>	DEFLECTION <FT>	JUNCTION <FT>	TOTAL <FT>	HYD-GL ELEVATION	DESIRED ELEVATION	DIFF.
440	.00245	.1471	0.	0.	0.	0.	0.	.1471	72.80	74.05	1.25
432	.00165	.4288	0.	0.	0.	0.	0.	.4288	73.08	74.88	1.80
431	.00099	.6595	0.	0.	0.	0.	0.	.6595	72.71	74.05	1.34
430	.00165	.6907	0.	.0029	0.	.0141	.2777	.9853	72.65	74.05	1.40
420	.00087	.6580	0.	.0080	0.	.0564	.0262	.1486	71.67	73.50	1.83
410	.00115	.6573	0.	.0030	0.	0.	.0558	.1261	71.53	73.50	1.97
400	0.	0.	0.	0.	0.	0.	0.	0.	71.40	71.40	0.

HYDR AULICS

