ENG FORM 4345 SUPPLEMENTAL INFORMATION

SH 36
FROM FM 2004 TO FM 1495
BRAZORIA COUNTY, TEXAS

TABLE 1: Delineated and Impacted Acreages of Jurisdictional Waters of the U.S., Including Wetlands, Within the Proposed SH 36 ROW

Jurisdictional Area	Total Acreage	Permanently Impacted Acreage Within Proposed ROW	Temporarily Impacted Acreage Within Proposed ROW	Wetland Proposed Fill Material (cy)	Wetland Proposed Excavation (cy)	Water of the U.S. Proposed Fill (cy)	Water of the U.S. Proposed Excavation (cy)	Type of Work	Sheet #*
Wetland 1	2.637	1.645	0.0	596	3414	-	-	Roadway Widening	28, 29, 30, 31, 32, 33, 34
Wetland 2	1.044	0.0	0.0	0	0	-	-	NA	30, 31, 32, 33
Wetland 3	7.841	0.0	0.0	0	0	-	-	NA	28, 29, 30, 31, 32, 33
Wetland 4	0.865	0.0	0.0	0	0	-	-	NA	30, 31, 32, 33
Wetland 5	0.471	0.0	0.0	0	0	-	-	NA	25, 26, 27
Wetland 6	1.561	0.0	0.0	0	0	-	-	NA	25, 26, 27
Wetland 7	0.485	0.017	0.0	0	158	-	-	Regrading	23, 24, 25, 26, 27
Wetland 8	0.106	0.0	0.106	0	0	-	-	NA	23, 24
Wetland 9	0.168	0.0	0.168	0	0	-	-	NA	23, 24
Wetland 10	0.520	0.157	0.363	43	128	-	-	Roadway Widening and Culvert Extension	21, 22, 23, 24
Wetland 11	0.214	0.0	0.214	0	0	-	-	NA	21, 22
Wetland 12	2.256	1.192	1.064	3988	12	-	-	Roadway Widening and Culvert Extension	18, 19, 20
Wetland 13	3.160	1.482	1.678	52	2959	-	-	Roadway Widening and Culvert Extension	15, 16, 17, 18, 19
Wetland 14	1.458	0.271	1.187	29	290	-	-	Roadway Widening and Culvert Extension	13, 15, 16, 17
Wetland 15	0.580	0.0	0.580	0	0	-	-	NA	14
Wetland 16	3.491	1.987	1.504	1885	2044	-	-	Roadway Widening and Culvert Extension	10, 11, 12, 13
Wetland 17	0.379	0.170	0.209	630	0	-	-	Roadway Widening	10, 11

Wetland 18	0.134	0.051	0.083	14	102	-	-	Roadway Widening and Culvert Extension	9
Wetland 19	0.080	0.080	0	0	193	-	-	Detention Basin Construction	7
Wetland 20	1.842	1.305	0.537	3652	71	-	-	Roadway Widening and Bridge Construction	5, 6, 8
Wetland 21	2.446	1.422	1.024	2032	978	-	-	Roadway Widening and Bridge Construction	3, 4, 5, 6
Wetland 22	1.063	0.864	0.198	2596	0	-	-	Roadway Widening	3, 4
Wetland 23	0.029	0.029	0.0	59	19	-	-	Roadway Widening and Culvert Extension	2
Wetland 24	0.069	0.069	0.0	43	0	-	-	Roadway Widening and Culvert Extension	1, 1A
Wetland 25	0.205	0.205	0.0	668	0	-	-	Roadway Widening	35, 36, 37, 38, 39
Wetland 26	0.285	0.285	0.0	1523	0	-	-	Roadway Widening	35, 36, 37, 38, 39
Wetland 27	0.902	0.105	0.0	170	0	-	-	NA	35, 36, 37, 38, 39
Wetland 28	1.091	1.091	0.0	7496	0	-	-	Roadway Widening	35, 36, 37, 38, 39
Wetland 29	0.526	0.262	0.0	424	0	-	-	NA	35, 36, 37, 38, 39
Wetland 30	0.299	0.096	0.0	155	0	-	-	NA	35, 36, 37, 38, 39
Wetland 31	3.168	1.468	0.0	1787	0	-	-	NA	35, 36, 37, 38, 39
Wetland 32	0.331	0.0	0.0	0	0	-	-	NA	35, 36, 37, 38, 39
Subtotal Wetlands	39.706	14.254	8.915	27842	10368	-	-		-
Water 1 (open water)	20.682	2.417	0.0	-	-	596	3414	Roadway Widening	28, 29, 30, 31, 32, 33, 34
Water 2 (open water)	1.281	0.0	0.0	-	-	0	0	NA	28, 29, 30, 31, 32, 33
Water 3 (open water)	3.215	0.0	0.0	-	-	0	0	NA	28, 29, 30, 31, 32, 33
Water 4 (Brazos River)	3.450	0.0	0.0	-	-	0	0	NA	25, 26, 27, 28, 29
Water 5 (open water)	0.507	0.0	0.0	-	-	0	0	NA	23, 24
Water 6 (Jones Creek)	0.453	0.0	0.453	-	-	0	0	NA	5, 6

Water 7 (open water)	0.300	0.0	0.0	-	-	0	0	NA	35, 36, 37, 38, 39
Water 8 (open water)	7.745	0.578	0.0	-	-	1768	0	Roadway Widening	35, 36, 37, 38, 39
Water 9 (open water)	0.349	0.349	0.0	-	-	1126	0	Roadway Widening	35, 36, 37, 38, 39
Subtotal Waters	37.982	3.344	0.453	-	-	3629	3414		-
TOTALS	**77.688**	**17.598**	**9.368**	**27842**	**10368**	**7119**	**3414**		**-**

**sheet numbers reference Permit Drawings found in the Exhibits*

Of the 39.706 acres of jurisdictional wetlands and 37.982 acres of Waters of the U.S. within the ROW, the proposed design would permanently impact 14.254 acres of wetlands and 3.344 acres of Waters of the U.S. Avoidance of the majority of wetland acreage would be accomplished by bridging of these areas, with 120-ft spans between columns to minimize disturbances to wetland habitats. In areas where impacts were unavoidable, project design would minimize these impacts by specifying retaining walls rather than side slopes, where practicable.