

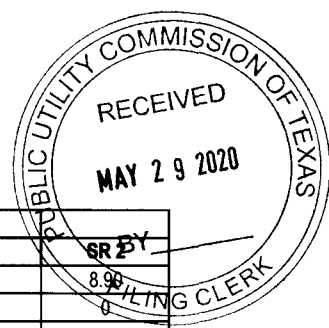


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DOCKET 49715 EXHIBIT TM-S-2
ENVIRONMENTAL DATA FOR STIPULATED ROUTE 2: A1-A2-D-F-J MOD-K1 MOD-K2-N

Evaluation Criteria		SR BY
Land Use		8.98
1	Length of alternative route	0
2	Number of habitable structures ¹ within 300 feet of the route centerline	0
3	Number of newly affected habitable structures ² within 300 feet of the route centerline	0
4	Length of route utilizing existing electric transmission line right-of-way (ROW)	0
5	Length of route parallel to existing electric transmission line ROW	0
6	Length of route parallel to other existing compatible ROW (highway, roads, canals, railway, etc.)	2.88
7	Length of route parallel to apparent property lines ³ (or other natural or cultural features)	2.81
8	Length of route parallel to pipeline ROW	2.44
9	Length of route across parks/recreational areas ⁴	0
10	Number of additional parks/recreational areas ⁴ within 1,000 feet of the route centerline	0
11	Length of route across cropland	0.7
12	Length of route across pasture/rangeland	0.1
13	Length of route across land irrigated by traveling systems (rolling or pivot type)	0
14	Length of route across gravel pits, mines, or quarries	0
15	Number of pipeline crossings	11
16	Number of electric transmission line crossings	0
17	Number of Interstate (IH), US Highway (US Hwy), and State highway (SH) crossings	1
18	Number of Farm-to-Market (FM) or Ranch-to-Market (RM) road crossings	0
19	Number of cemeteries within 1,000 feet of the route centerline	0
20	Number of private use airstrips within 10,000 feet of the route centerline	0
21	Number of heliports within 5,000 feet of the route centerline	0
22	Number of Federal Aviation Administration (FAA) registered airports ⁵ (runways >3,200 feet) within 20,000 feet of the route centerline	0
23	Number of FAA registered airports ⁵ (runways <3,200 feet) within 10,000 feet of the route centerline	0
24	Number of commercial amplitude modulation (AM) radio transmitters within 10,000 feet of the route centerline	0
25	Number of frequency modulation (FM radio) transmitters, microwave towers, etc. within 2,000 feet of the route centerline	0
26	Number of existing water wells within 200 feet of the route centerline	0
27	Number of oil and gas wells within 200 feet of the route centerline (including dry or plugged wells)	0
Aesthetics		
28	Estimated length of route within foreground visual zone ⁶ of Interstate, US, and State highways	0
29	Estimated length of route within foreground visual zone ⁶ of FM/RM roads	0
30	Estimated length of route within foreground visual zone ⁶ of parks/recreational areas ⁴	0
Ecology		
31	Length of route across bottomland/riparian woodlands	2.8
32	Length of route across upland forest	5.1
33	Acreage of route across National Wetland Inventory (NWI) mapped forested or scrub/shrub wetlands	23.3
34	Acreage of route across NWI mapped emergent wetlands	3.2
35	Length of route across known occupied habitat of federally listed endangered or threatened species	0
36	Length of route across open water (lakes, ponds, etc.)	0
37	Number of stream/river/canal crossings	1
38	Length of route parallel (within 100 feet) to natural streams, rivers, or canals	2.9
39	Length of route across Federal Emergency Management Agency (FEMA) mapped 100-year floodplains	0.7
Cultural Resources		
40	Number of recorded historic or prehistoric sites crossed by route	0
41	Number of additional recorded historic or prehistoric sites within 1,000 feet of route centerline	2
42	Number of National Register listed sites crossed by route	0
43	Number of additional National Register listed sites within 1,000 feet of route centerline	0
44	Length of route across high archaeological/historical site potential	3.02

¹Single-family and multi-family dwellings, and related structures, etc., mobile homes, apartment buildings, commercial structures, industrial structures, business structures, churches, hospitals, nursing homes, schools or other structures normally inhabited by humans or intended to be inhabited by humans on a daily or regular basis within 300 feet of the centerline of a transmission project of 230 kV or less

²Newly affected habitable structures are habitable structures within 300 feet of an alternative route that is currently not affected by an existing transmission line

³Property lines created by existing roads, highway, or railroad ROW are not "double-counted" in the length of route parallel to property lines criteria

⁴Defined as parks and recreational areas owned by a governmental body or an organized group, club, or church

⁵As listed in the Chart Supplement South Central U.S. (FAA 2018b formerly known as the Airport/Facility Directory South Central U.S.), FAA 2018a, and TxDOT 2018a

⁶One-half mile, unobstructed

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