

# Data Dictionary

TABLE NAME	ATTRIBUTE NAME	CONTENT	DOMAIN / RANGE	FORMAT	REQUIRED	UNIQUE	PK	FK
EMPLOYEE	EMPLOYEE_ID	The Employee ID. Acts as the Primary Key for Employee	(0, N)	INT 9999	Yes	Yes	Yes	No
	EMPLOYEE_FNAME	The first name of the specific employee	Any	VARCHAR(20) XXXXX	Yes	No	No	No
	EMPLOYEE_LNAME	The last name of the specific employee	Any	VARCHAR(20) XXXXX	Yes	No	No	No
	EMPLOYEE_TYPE	Employee types will be assigned based on the employee's job	FIELD_TECH/PLANNER/MANAGER/ENGINEER	VARCHAR(10) XXXXX	Yes	No	No	No
POLE	POLE_ID	Unique ID of pole	(0, N)	INT 99999	Yes	Yes	Yes	No
	NEAR_BUSSTOP	If pole is near a bus stop	(0, 1)	BOOL	Yes	No	No	No
	NEAR_SCHOOL	If Pole is near a school	(0, 1)	BOOL	Yes	No	No	No

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POLE	NEAR_PARK	If pole is near a park	(0, 1)	BOOL	Yes	No	No	No
	NEAR_SIDEWALK	If pole is near a sidewalk	(0, 1)	BOOL	Yes	No	No	No
	IS_TRAFFIC_POLE	If pole is a traffic pole	(0, 1)	BOOL	Yes	No	No	No
	IS_LIGHT_POLE	If pole is a light pole	(0, 1)	BOOL	Yes	No	No	No
	POLE_HGT	Height of pole	(0, N)	Decimal 999.99	No	No	No	No
	POLE_STYLE	Category of style	Finite number of types (Decorative, Single Domus, Double Domus, Single Davit, Double Davit, Rectangular Prism)	VARCHAR(50)	No	No	No	No

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POLE	POLE_BASE	Condition of base	(0, N)	INT 99999	No	No	No	No
	POLE_LAT	Latitude of pole	(0, 90)	Decimal 999.99	No (we might want to deal with a pole that hasn't been put in the ground yet).	No	No	No
	POLE_LONG	Longitude of pole	(0, 180)	Decimal 999.99	No (see above).	No	No	No
	POLE_ESTIMATED_AGE	Estimated age of pole	(0, N)	INT 99999	No	No	No	No
T_POLE (POLE Subtype)	POLE_ID	Unique ID of pole	(0, N)	INT 99999	Yes	Yes	Yes	Yes
	T_POLE_BUTT	Presence of push button	Yes/No/ Inconclusive	VARCHAR(12)	No	No	No	No

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T_POLE (POLE Subtype)	T_POLE_SIGN	Category of signage	Finite number of types (Stop, Playground, Right Turn Only, No U-turn, Speed)	VARCHAR(50)	No	No	No	No
L_POLE (POLE Subtype)	POLE_ID	Unique ID of pole	(0, N)	INT 99999	Yes	Yes	Yes	Yes
	L_POLE_BULB_TYPE	Category of bulb	Finite number of types	VARCHAR(50)	No	No	No	No
	L_POLE_LUMINAIRE	Condition of luminaire	(0, N)	INT 99999	No	No	No	No
UPDATE_HISTORY	UPDATE_TIMESTAMP	Time and date of update	1900-01-01— 2079-06-06  00:00:00— 23:59:59	SmallDateTime YYYY-MM-DD hh:mm:ss	Yes	No	Yes	No

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UPDATE_HISTORY	POLE_ID	Unique ID of pole	(0, N)	INT 99999	Yes	No	Yes	Yes (from POLE)
	EMPLOYEE_ID	The employee ID. Acts as the Primary Key for employee	(0, N)	INT 9999	Yes	No	No	Yes (from EMPLOYEE)
MAINT_RECORD	MAINT_ID	ID Number of maintenance record	(0, N)	INT 99999	Yes	Yes	Yes	No
	POLE_ID	ID Number of Pole	(0, N)	INT 99999	Yes	No	No	Yes (from POLE)
	EMPLOYEE_ID	ID of Field Tech	(0, N)	INT 99999	Yes	No	No	Yes (from EMPLOYEE)

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MAINT_RECORD	MAINT_RECORD_DATE	Date maintenance report was generated	1900-01-01— 2079-06-06  00:00:00— 23:59:59	SmallDateTime YYYY-MM-DD hh:mm:ss	Yes	No	Yes	No
	IS_ASSESSMENT	If type of maintenance being conducted falls under pole being assessed	(0, 1)	BOOL	Yes	No	Yes	No
	IS_SERVICE	If type of maintenance being conducted falls under pole being serviced	(0, 1)	BOOL	Yes	No	Yes	No
MAINT_CONDITION	MAINT_ID	ID number of maintenance record	(0, N)	INT 99999	Yes	Yes	Yes	Yes (from MAINT_RECORD)
	MAINT_HAMMER_TEST_RESULT	Results of hammer test	(0, N)	INT 99999	No	No	No	No

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MAINT_ CONDITION	MAINT_ VISUAL_RUST	Whether or not rust is visible to the naked eye	Yes, no, borderline	VARCHAR XXXXX	No	No	No	No
	MAINT_ LUMINAIRE_ COND	Condition of pole's lights	(Brand new, Excellent, Good, Satisfactory, Unsatisfactory, Broken)	VARCHAR XXXXX	No	No	No	No
	MAINT_PANEL _COND	Condition of pole's panel	(0, N)	INT 99999	No	No	No	No
	MAINT_ ANCHOR_ BOLT_COND	Condition of pole's anchor bolts	(Good, Poor)	VARCHAR XXXXX	No	No	No	No
MAINT_ SERVICE (MAINT_ RECORD Subtype)	MAINT_ID	ID number of maintenance record	(0, N)	INT 99999	Yes	Yes	Yes	Yes (from MAINT_ RECORD)

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MAINT_ SERVICE (MAINT_ RECORD Subtype)	MAINT_ REPAINT_ DATE	Date pole was repainted	1900-01-01— 2079-06-06  00:00:00— 23:59:59	SmallDateTime YYYY-MM-DD hh:mm:ss	No	No	No	No
	MAINT_ RELAMP_ DATE	Date lamp was replaced	1900-01-01— 2079-06-06  00:00:00— 23:59:59	SmallDateTime YYYY-MM-DD hh:mm:ss	No	No	No	No