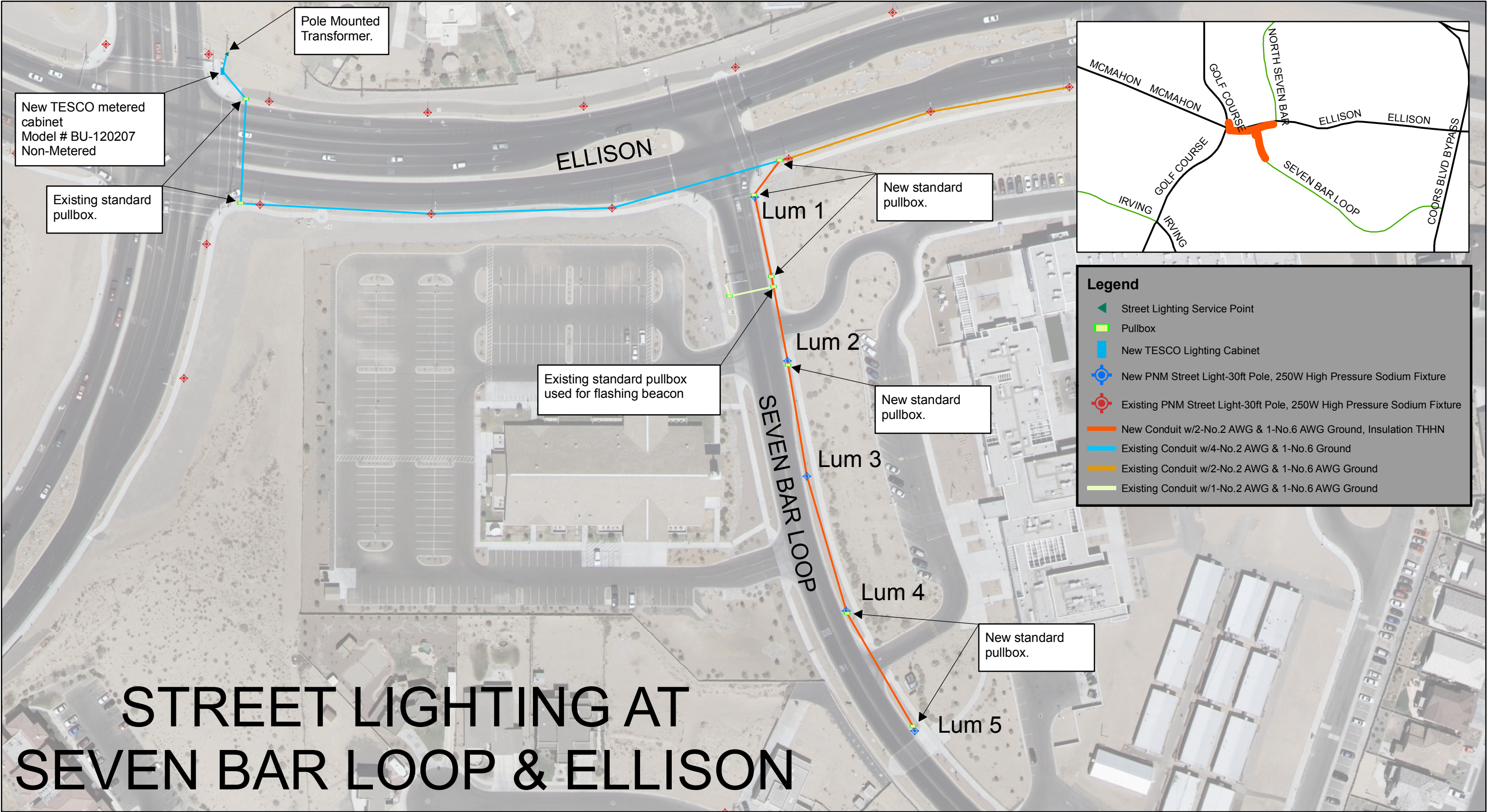




STREET LIGHTING AT SEVEN BAR LOOP & ELLISON

VOLTAGE DROP CALCULATIONS

		(I)	(D)	(2 x K/CM)		(VD)			% DROP
		[AMPS]	[FEET]	[NO.]	[OHMS/FEET]	[AMPS]	[VOLTS]	[VOLTS]	
Lt Cabinet	Lum 1	2	800	2	0.000389	2	0.62	0.62	240 0.26%
Lum 1	Lum2	2	200	2	0.000389	4	0.31	0.93	240 0.39%
Lum 2	Lum 3	2	130	2	0.000389	6	0.30	1.24	240 0.52%
Lum 3	Lum 4	2	160	2	0.000389	8	0.50	1.73	240 0.72%
Lum 4	Lum 5	2	150	2	0.000389	10	0.58	2.32	240 0.97%

Load Calculation: 240V x 10A = 2400 Watts = 2.4 KW

CRM#: 1800775
Initiated By: MNC
Approved By: BKW

