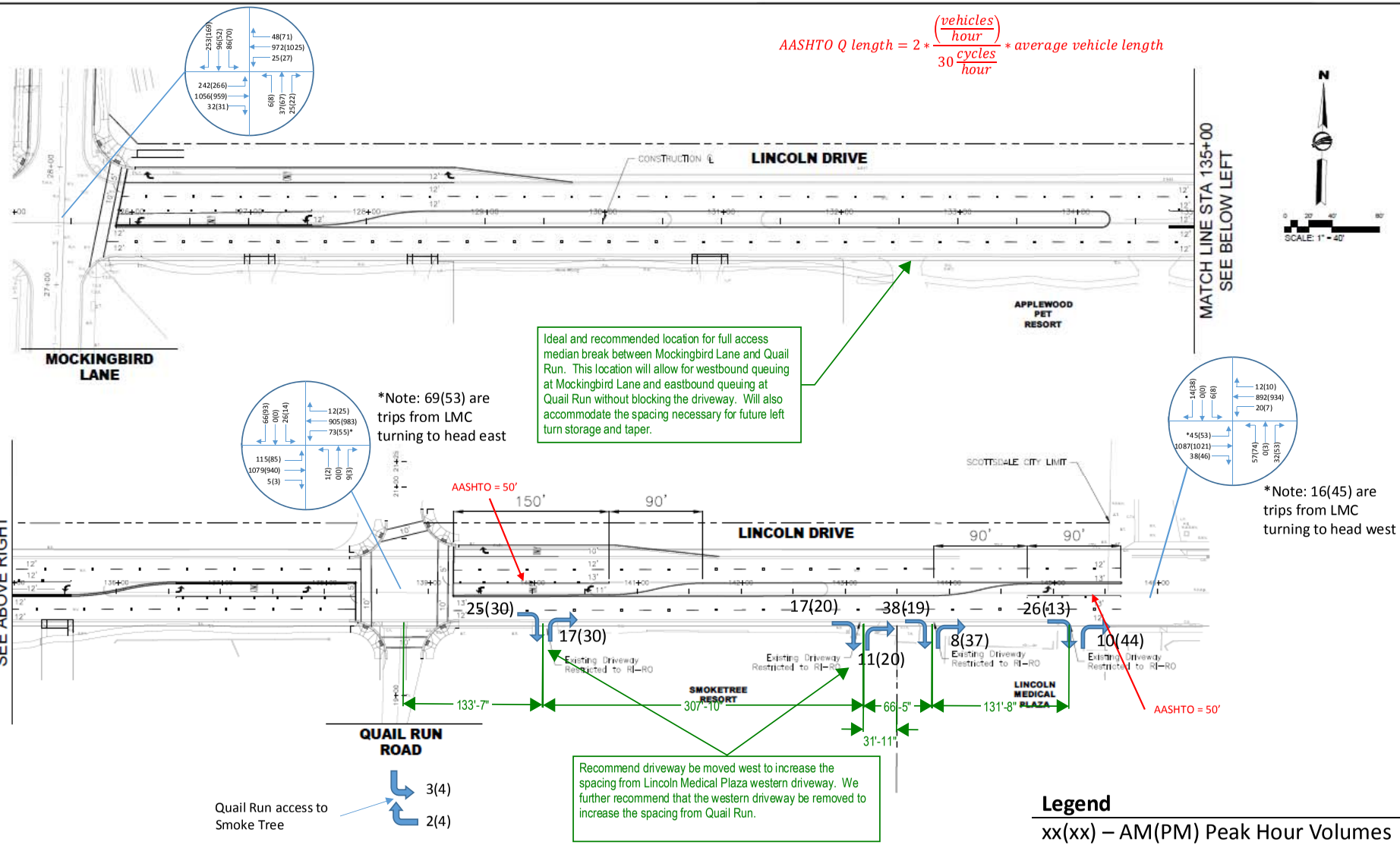
$$AASHTO\ Q\ length = 2 * \frac{\left(\frac{vehicles}{hour}\right)}{30\ \frac{cycles}{hour}} * average\ vehicle\ length$$



Ideal and recommended location for full access median break between Mockingbird Lane and Quail Run. This location will allow for westbound queuing at Mockingbird Lane and eastbound queuing at Quail Run without blocking the driveway. Will also accommodate the spacing necessary for future left turn storage and taper.

*Note: 69(53) are trips from LMC turning to head east

*Note: 16(45) are trips from LMC turning to head west

Recommend driveway be moved west to increase the spacing from Lincoln Medical Plaza western driveway. We further recommend that the western driveway be removed to increase the spacing from Quail Run.

Legend

xx(xx) – AM(PM) Peak Hour Volumes

CivTech Inc. 10605 N. Hayden Rd. Suite 140 Scottsdale, AZ 85260 480.659.4250 p 480.659.0566 f info@civtech.com	Lincoln Drive ACCESS ASSESSMENT	Option 3 Restricted Access	PRELIMINARY NOT FOR CONSTRUCTION	SHEET Opt-03 03 OF 03

JOB NO: 18-0559
1ST SUBMITTAL: 11/07/18
2ND SUBMITTAL:
3RD SUBMITTAL:
DESIGN: SP
DRAWN: SP
CHECKED: DC

CALL AT LEAST TWO FULL WORKING DAYS BEFORE YOU BEGIN EXCAVATION. ARIZONA 811 Arizona Blue Stake, Inc. IN MARICOPA COUNTY (602) 263-1100

Z:\Civtech\Projects\18-0550 Beus Gilbert Smoke Tree Resort Preliminary Parking Assessment, Paradise Valley\18-0559 Smoke Tree Services Beyond Scope\Dwg\18-0559_Fig33_RI-ROI Access - Opt3.dwg
Sal Pena November 7, 2018 - 8:33pm