

Table 1: Mary Avenue Jughandle Operations by Movement – 2035 No-Build and Build

| Movement | 2035 AM Peak Hour | | | | 2035 PM Peak Hour | | | |
|--|-------------------|------------------------|------------------------------|---------------------|-------------------|------------------------|------------------------------|---------------------|
| | No-Build (sec) | 2035 Build (Jughandle) | 2035 Build (Connector Ramps) | 2035 Build (Tunnel) | No-Build (sec) | 2035 Build (Jughandle) | 2035 Build (Connector Ramps) | 2035 Build (Tunnel) |
| Eastbound Evelyn Ave to Northbound Mary Ave | F (195.7) | D (48.0) | B (19.3) | E (75.6) | F (454.8) | E (56.4) | B (18.3) | F (254.2) |
| Eastbound Evelyn Ave | C (27.7) | E (59.1) | B (15.1) | C (28.5) | F (141.7) | D (49.0) | D (49.0) | F (128.4) |
| Eastbound Evelyn Ave to Southbound Mary Ave | C (23.0) | F (92.4) | E (68.9) | B (14.9) | F (139.1) | F (88.7) | F (83.0) | F (178.0) |
| Westbound Evelyn Ave to Southbound Mary Ave | F (297.2) | F (136.4) | F (119.7) | F (158.1) | F (291.3) | F (238.0) | F (151.2) | F (98.5) |
| Westbound Evelyn Ave | F (332.6) | D (37.0) | B (14.3) | F (163.8) | F (333.3) | F (122.7) | D (42.6) | F (252.3) |
| Westbound Evelyn Ave to Northbound Mary Ave | F (389.8) | F (92.0) | E (59.0) | F (166.7) | F (372.7) | F (205.8) | F (86.3) | F (88.0) |
| Northbound Mary Ave to Westbound Evelyn Ave | F (374.6) | F (189.2) | F (183.3) | F (245.2) | F (89.4) | D (40.5) | D (38.0) | E (78.3) |
| Northbound Mary Ave | F (333.6) | F (176.4) | F (178.8) | F (186.9) | E (78.2) | D (47.1) | D (46.2) | D (46.4) |
| Northbound Mary Ave to Eastbound Evelyn Ave | F (228.4) | F (183.1) | F (172.4) | F (134.3) | E (45.8) | D (37.4) | C (23.2) | C (23.4) |
| Southbound Mary Ave to Eastbound Evelyn Ave | E (73.5) | F (85.0) | E (71.1) | D (45.4) | F (141.1) | E (64.9) | D (49.6) | F (89.0) |
| Southbound Mary Ave | D (54.6) | A (8.8) | A (9.6) | C (33.9) | E (78.0) | B (18.0) | B (17.6) | E (62.0) |
| Southbound Mary Ave to Westbound Evelyn Ave | F (116.7) | F (91.1) | A (2.3) | F (130.0) | F (84.7) | E (67.9) | A (3.1) | E (63.8) |
| Overall Mary Ave/ Evelyn Ave Intersection Delay | F (230.3) | N/A | N/A | F (135.8) | F (167.8) | N/A | N/A | F (113.4) |
| Overall Mary Ave/ Jughandle Intersection Delay | N/A | F (99.5) | F (109.5) | N/A | N/A | C (34.4) | C (27.0) | N/A |
| Overall Evelyn Ave/ Jughandle Intersection Delay | N/A | D (39.5) | B (16.8) | N/A | N/A | E (65.5) | C (28.9) | N/A |
| Mary Avenue Half Signal | N/A | N/A | B (10.2) | N/A | N/A | N/A | B (14.5) | N/A |

Note: Numbers in table reflect movement Level of Service (seconds of delay). The bolded text represents those movements that experience higher delays under the given Build scenario relative to the No-Build scenario.