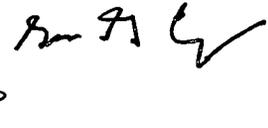


**MOORPARK CITY COUNCIL
AGENDA REPORT**

TO: Honorable City Council

FROM: Sean Corrigan, City Engineer/Public Works Director
Prepared by: Shaun Kroes, Program Manager



DATE: October 10, 2016 (CC Meeting of 10/19/16)

SUBJECT: Consider Presentation on Recommended Route Changes for Moorpark City Transit

BACKGROUND AND DISCUSSION

On April 20, 2016, the City Council awarded an agreement to Nelson\Nygaard Consulting Associates, Inc. (Nelson\Nygaard) for evaluation of the City's fixed-route service and develop potential improvements and/or alternatives that will result in decreased expenditures and increase ridership.

Nelson\Nygaard's scope of services includes:

1. Ridership and Market Analysis
2. Service Alternatives
3. Fare Study
4. Five-Year Plan

Nelson\Nygaard has completed the majority of Ridership and Market Analysis and Service Alternatives (including passenger counts, passenger surveys and service alternatives). Nelson\Nygaard developed three service alternatives, Concept A, Concept B, and Concept C (attached to this staff report). Concept A would create a "North Route" and a "South Route" and would have 40 minute headways. Two buses would operate the service, with the buses either transitioning between North and South, or, alternatively, staying on one designated route and transferring passengers between routes at City Hall. Concept B would create a single route, with two buses operating the route. The route would have 50 minute headways and would remove the Peach Hill and Miller Parkway sections of the City's current service area. Concept C retains a majority of the current system's service area, with one bus traveling clockwise and a

second bus traveling counterclockwise. Concept C would have 70 minute headways; however, there is potential to reduce the headway to 60 minutes if service to Villa Del Arroyo Mobile Home Work was limited to certain trips. The current route headways average 59 to 77 minutes, depending on the route and trip.

As required in the City's Agreement, Nelson\Nygaard is presenting the results of their public outreach findings and recommendations to the City Council. Based upon comments received from passengers, Nelson\Nygaard is recommending that the City move forward with Concept C.

FISCAL IMPACT

None.

STAFF RECOMMENDATION

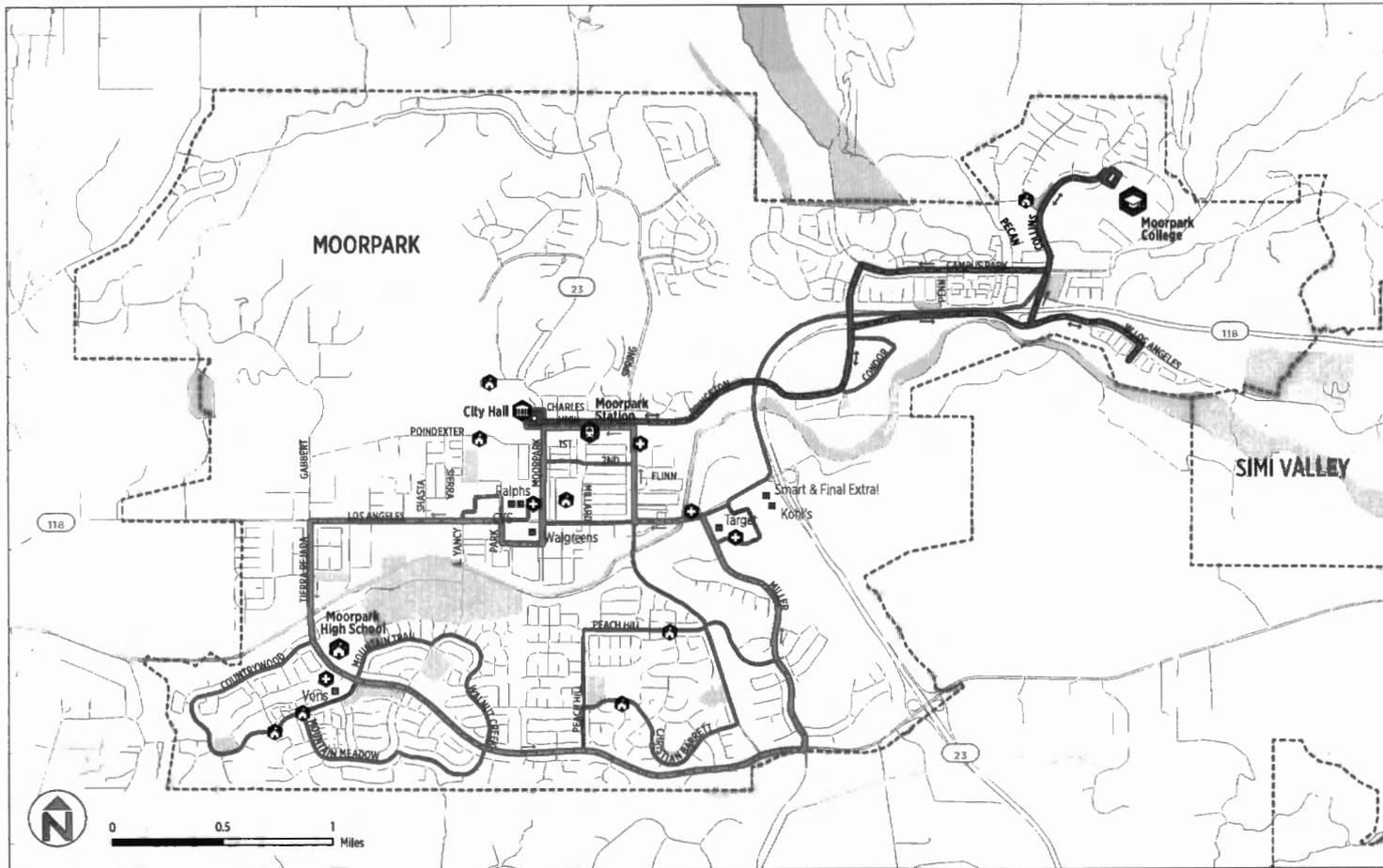
1. Receive Nelson\Nygaard's presentation and direct staff to proceed with Option C.

Attachment: Nelson\Nygaard Service Concepts

MOORPARK CITY TRANSIT SERVICE CONCEPTS

CONCEPT A

- One bus operates on each route
- Buses arrive every 40 minutes to all stops
- Routes meet at the Civic Center to provide timed connections
- South route operates in counter-clockwise direction only



CONCEPT A CIVIC CENTER HUB

- North Route
- South Route
- Existing MCT Route
- 🏫 College
- 🎓 High School
- 🏠 Elem./Mid. School
- 🏥 Medical Clinic
- Major Retail
- City Boundary

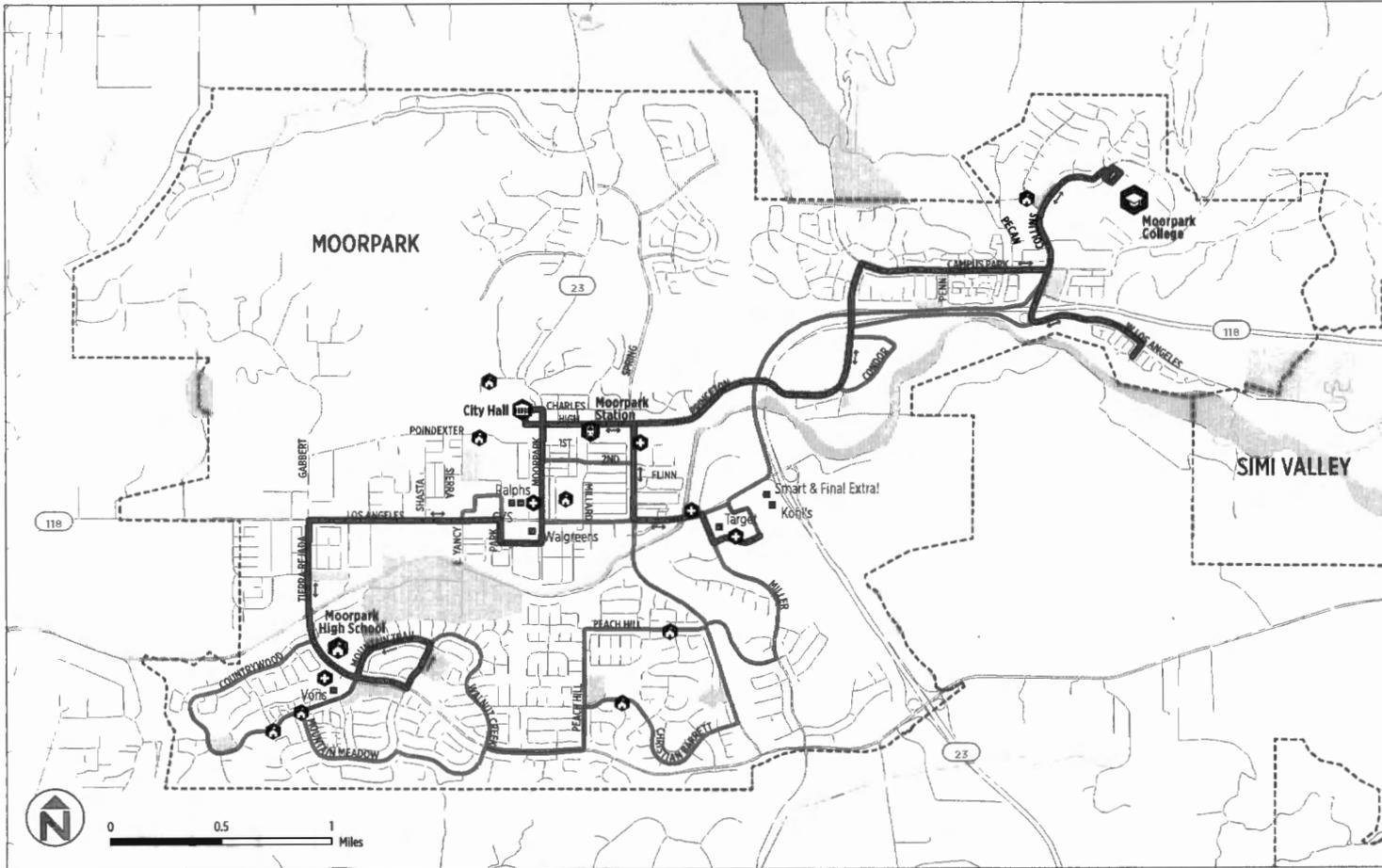
NORTH ROUTE

| Civic Center | Princeton | Villa de Arroyo | Moorpark College | Campus Park | Princeton | Civic Center |
|--------------|-----------|-----------------|------------------|-------------|-----------|--------------|
| 6:00 | 6:06 | 6:11 | 6:20 | 6:25 | 6:28 | 6:35 |
| 6:40 | 6:46 | 6:51 | 7:00 | 7:05 | 7:08 | 7:15 |
| 7:20 | 7:26 | 7:31 | 7:40 | 7:45 | 7:48 | 7:55 |
| 8:00 | 8:06 | 8:11 | 8:20 | 8:25 | 8:28 | 8:35 |
| 8:40 | 8:46 | 8:51 | 9:00 | 9:05 | 9:08 | 9:15 |
| 9:20 | 9:26 | 9:31 | 9:40 | 9:45 | 9:48 | 9:55 |

SOUTH ROUTE

| Civic Center | Park Crest | Moorpark HS | Moorpark Marketplace | Spring | Civic Center |
|--------------|------------|-------------|----------------------|--------|--------------|
| 6:00 | 6:06 | 6:15 | 6:25 | 6:30 | 6:35 |
| 6:40 | 6:46 | 6:55 | 7:05 | 7:10 | 7:15 |
| 7:20 | 7:26 | 7:35 | 7:45 | 7:50 | 7:55 |
| 8:00 | 8:06 | 8:15 | 8:25 | 8:30 | 8:35 |
| 8:40 | 8:46 | 8:55 | 9:05 | 9:10 | 9:15 |
| 9:20 | 9:26 | 9:35 | 9:45 | 9:50 | 9:55 |

MOORPARK CITY TRANSIT SERVICE CONCEPTS



CONCEPT B

- Two buses operate on one route
- Buses arrive 50 minutes in each direction
- Coverage is reduced in south Moorpark

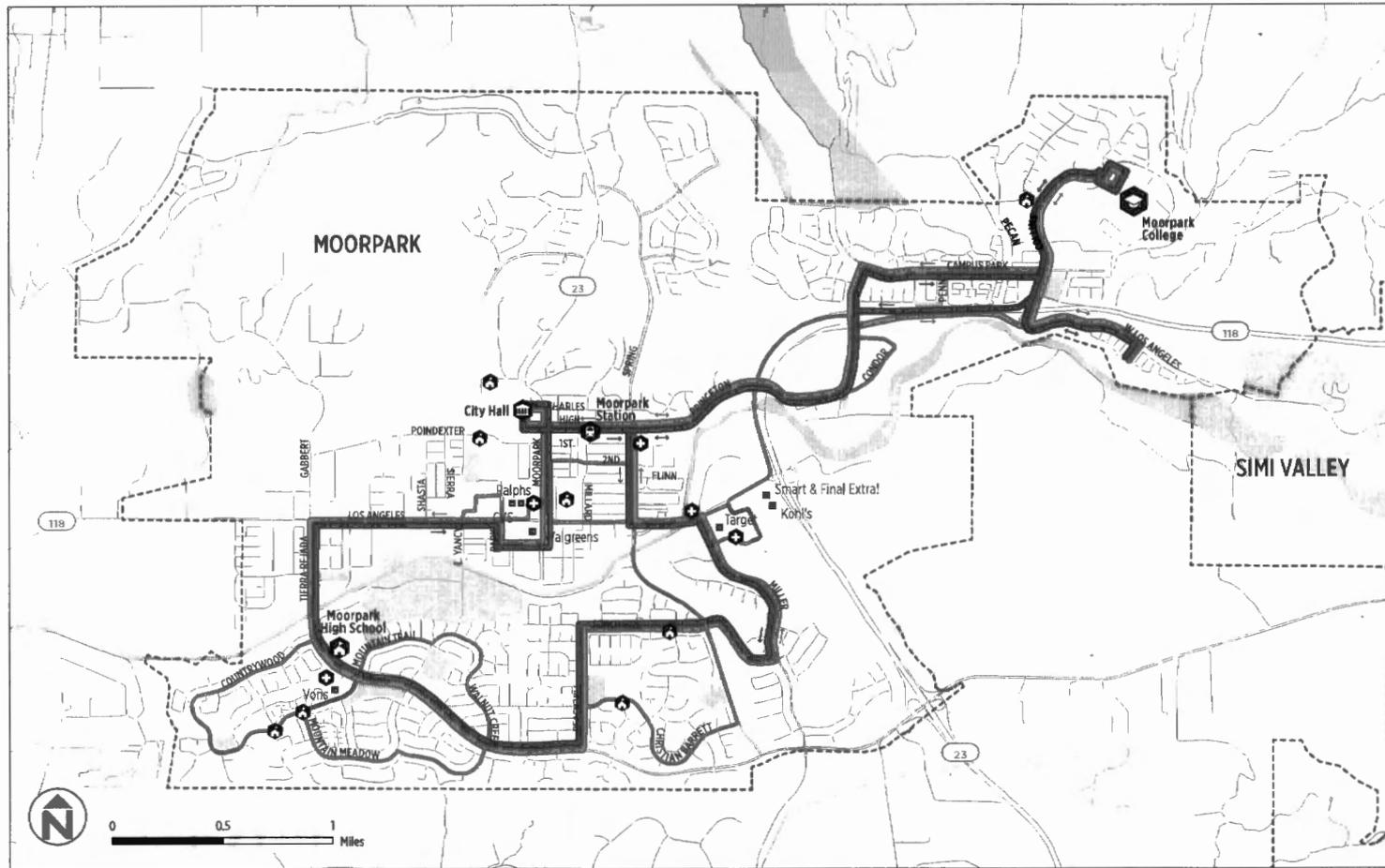
CONCEPT B CROSSTOWN

- Crosstown
- Existing MCT Route
- 🏫 College
- 🎓 High School
- 🏫 Elem./Mid. School
- 🏥 Medical Clinic
- 🏪 Major Retail
- City Boundary

| EASTBOUND | | | | | | | | | |
|-------------|------------|--------------|--------|----------------------|----------------------|--------|-----------|-----------------|------------------|
| Moorpark HS | Park Crest | Civic Center | Spring | Moorpark Marketplace | Moorpark Marketplace | Spring | Princeton | Villa de Arroyo | Moorpark College |
| 6:00 | 6:06 | 6:13 | 6:18 | 6:23 | 6:28 | 6:33 | 6:36 | 6:41 | 6:50 |
| 6:50 | 6:56 | 7:03 | 7:08 | 7:13 | 7:18 | 7:23 | 7:26 | 7:31 | 7:40 |
| 7:40 | 7:46 | 7:53 | 7:58 | 8:03 | 8:08 | 8:13 | 8:16 | 8:21 | 8:30 |
| 8:30 | 8:36 | 8:43 | 8:48 | 8:53 | 8:58 | 9:03 | 9:06 | 9:11 | 9:20 |
| 9:20 | 9:26 | 9:33 | 9:38 | 9:43 | 9:48 | 9:53 | 9:56 | 10:01 | 10:10 |

| WESTBOUND | | | | | | | | | |
|------------------|-------------|-----------|--------|----------------------|----------------------|--------|--------------|------------|-------------|
| Moorpark College | Campus Park | Princeton | Spring | Moorpark Marketplace | Moorpark Marketplace | Spring | Civic Center | Park Crest | Moorpark HS |
| 6:00 | 6:05 | 6:08 | 6:11 | 6:16 | 6:24 | 6:29 | 6:34 | 6:41 | 6:49 |
| 6:50 | 6:55 | 6:58 | 7:01 | 7:06 | 7:14 | 7:19 | 7:24 | 7:31 | 7:39 |
| 7:40 | 7:45 | 7:48 | 7:51 | 7:56 | 8:04 | 8:09 | 8:14 | 8:21 | 8:29 |
| 8:30 | 8:35 | 8:38 | 8:41 | 8:46 | 8:54 | 8:59 | 9:04 | 9:11 | 9:19 |

MOORPARK CITY TRANSIT SERVICE CONCEPTS



CONCEPT C

- One bus operates clockwise, one bus operates counterclockwise
- Buses arrive every 70 minutes in each direction

CONCEPT C REFINED LOOPS

- Counterclockwise
- Clockwise
- Existing MCT Route
- 🏫 College
- 🎓 High School
- 🏠 Elem./Mid. School
- 🏥 Medical Clinic
- Major Retail
- City Boundary

CLOCKWISE

| Moorpark College | Villa de Arroyo | Princeton | Spring | Moorpark Marketplace | Moorpark HS | Park Crest | Civic Center | Princeton | Campus Park | Moorpark College |
|------------------|-----------------|-----------|--------|----------------------|-------------|------------|--------------|-----------|-------------|------------------|
| 6:00 | 6:06 | 6:13 | 6:16 | 6:20 | 6:28 | 6:35 | 6:41 | 6:48 | 6:51 | 6:56 |
| 7:10 | 7:16 | 7:23 | 7:26 | 7:30 | 7:38 | 7:45 | 7:51 | 7:58 | 8:01 | 8:06 |
| 8:20 | 8:26 | 8:33 | 8:36 | 8:40 | 8:48 | 8:55 | 9:01 | 9:08 | 9:11 | 9:16 |
| 9:30 | 9:36 | 9:43 | 9:46 | 9:50 | 9:58 | 10:05 | 10:11 | 10:18 | 10:21 | 10:26 |

COUNTERCLOCKWISE

| Moorpark College | Campus Park | Princeton | Civic Center | Park Crest | Moorpark HS | Moorpark Marketplace | Spring | Princeton | Villa de Arroyo | Moorpark College |
|------------------|-------------|-----------|--------------|------------|-------------|----------------------|--------|-----------|-----------------|------------------|
| 6:00 | 6:05 | 6:08 | 6:15 | 6:21 | 6:31 | 6:40 | 6:43 | 6:46 | 6:51 | 7:00 |
| 7:10 | 7:15 | 7:18 | 7:25 | 7:31 | 7:41 | 7:50 | 7:53 | 7:56 | 8:01 | 8:10 |
| 8:20 | 8:25 | 8:28 | 8:35 | 8:41 | 8:51 | 9:00 | 9:03 | 9:06 | 9:11 | 9:20 |
| 9:30 | 9:35 | 9:38 | 9:45 | 9:51 | 10:01 | 10:10 | 10:13 | 10:16 | 10:21 | 10:30 |