CONNECT 2
DRAFT - FEBRUARY 2024
PROPOSED CONCEPT PLAN
PAGE 1 OF 16
0 100 200 300 400 Feet
N
Direction of traffic
BUS ONLY Proposed bus-only lanes
Proposed bus in mixed traffic
Preferred station location
Alternate station location under consideration
PARKING On-street parking
Proposed curb modifications
Mid-block pedestrian crossing
BIKE LANE On-street bicycle lanes
Bubir bike stations
Potential access change which could improve transit operations or station placement
Municipal boundaries
Existing traffic signals
BRT design elements will be refined based on traffic analysis.
BRT IN MIXED TRAFFIC
DREXEL FROM IKEA TO 27TH
W DREXEL AVE
FOREST RIDGE ELEMENTARY SCHOOL
S 20TH ST
CREEKSIDE CROSSING
CREEKSIDE CIR
BRT IN MIXED TRAFFIC
IKEA WAY
STATION AREA
IKEA WAY
S IKEA WAY
IKEA
FALK PARK
W RAWSON AVE

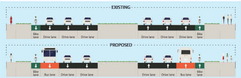
BRT IN BUS-ONLY LANES

27TH FROM DREXEL TO COLLEGE

Traffic modeling is underway to evaluate traffic conditions associated with the concept and assist with design refinement.

Bus-only lanes can also be used by general traffic for right turns and access to driveways.

27TH FROM DREXEL TO COLLEGE



STATION AREA

27TH & NORTHWESTERN MUTUAL WAY

CONNECT 2

DRAFT - FEBRUARY 2024

PROPOSED CONCEPT PLAN

PAGE 2 OF 16

0 100 200 300 400 Feet

N

- Direction of traffic
- BUS ONLY — Proposed bus-only lanes
- Proposed bus in mixed traffic
- Preferred station location
- Alternate station location under consideration
- PARKING — On-street parking
- Proposed curb modifications
- Mid-block pedestrian crossing
- BIKE LANE — On-street bicycle lanes
- Bubbr bike stations
- Potential access change which could improve transit operations or station placement
- Municipal boundaries
- Existing traffic signals

BRT design elements will be refined based on traffic analysis.

FRANKLIN

OAK CREEK

241 S 27TH ST

W DREXEL AVE

NORTHWESTERN MUTUAL

NORTHWESTERN MUTUAL WAY

STATESMAN APARTMENTS

FALK PARK KINDERCARE

W STATESMAN WAY

W MINNESOTA AVE

STAR VETERINARY WELLNESS AND URGENT CARE CENTER

W RAWSON AVE

DEGARY FROZEN CUSTARD

KUNES BUICK GMC OF OAK CREEK

ALTERNATE

BRT IN BUS-ONLY LANES

27TH FROM DREXEL TO COLLEGE

Traffic modeling is underway to evaluate traffic conditions associated with the concept and assist with design refinement.

Bus-only lanes can also be used by general traffic for right turns and access to driveways.

27TH FROM DREXEL TO COLLEGE

STATION AREA

27TH & SYCAMORE (AT WALMART)

The current Purple Line bus stops at Sycamore (at Walmart) are some of the most highly-used stops served by the route today. Riders will be able to continue to access employment opportunities and shopping in this area.

Transfer to Route 20 and to FlexRide Milwaukee, serving employment destinations in Franklin and Oak Creek.

STATION AREA

27TH & COLLEGE

Transfer to Route 20 —

CONNECT 2

DRAFT - FEBRUARY 2024

PROPOSED CONCEPT PLAN

PAGE 3 OF 16

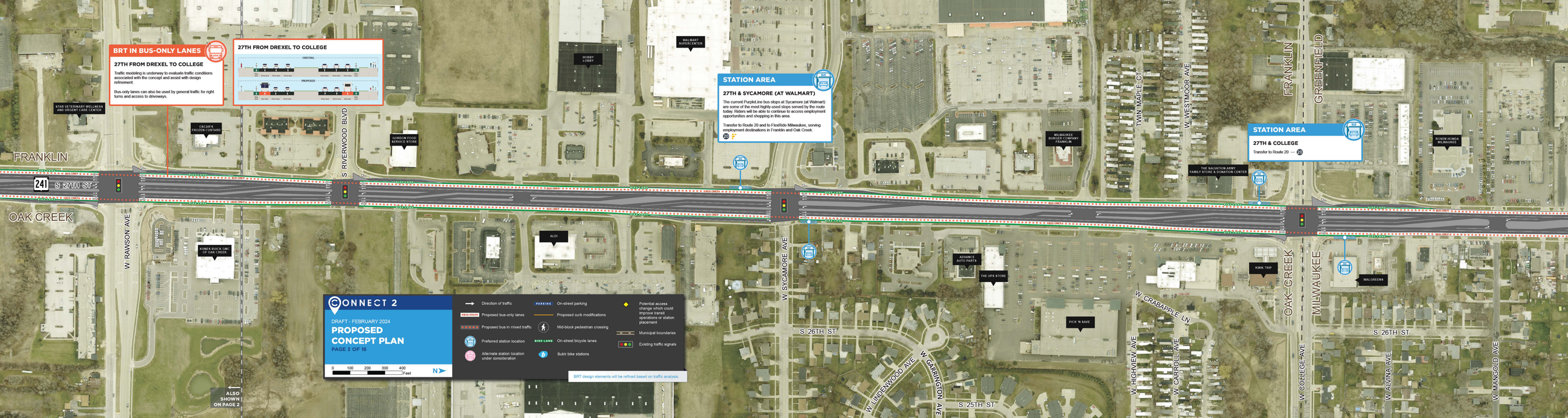
0 100 200 300 400 Feet

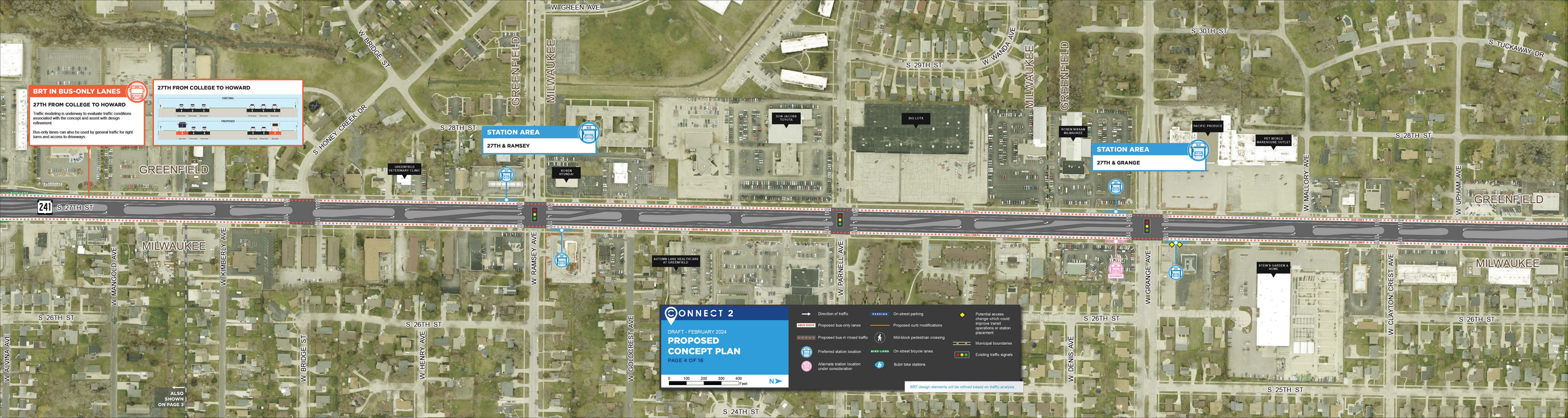
N

- Direction of traffic
- BUS ONLY: Proposed bus-only lanes
- Proposed bus in mixed traffic
- Preferred station location
- Alternate station location under consideration
- PARKING: On-street parking
- Proposed curb modifications
- Mid-block pedestrian crossing
- BIKE LANE: On-street bicycle lanes
- Bubir bike stations
- Potential access change which could improve transit operations or station placement
- Municipal boundaries
- Existing traffic signals

BRT design elements will be refined based on traffic analysis.

ALSO SHOWN ON PAGE 2




BRT IN BUS-ONLY LANES
27TH FROM COLLEGE TO HOWARD
Traffic modeling is underway to evaluate traffic conditions associated with the concept and assist with design refinement.
Bus-only lanes can also be used by general traffic for right turns and access to driveways.
27TH FROM COLLEGE TO HOWARD
EXISTING
PROPOSED
STATION AREA
27TH & RAMSEY
STATION AREA
27TH & GRANGE
W GREEN AVE
W BRIDGE ST
S HONEY CREEK DR
S 28TH ST
S 29TH ST
W WANDA AVE
S 30TH ST
S TUCKAWAY DR
GREENFIELD
MILWAUKEE
241
S 27TH ST
W MANGOLD AVE
W KIMBERLY AVE
W RAMSEY AVE
W GOLDCREST AVE
W PARNELL AVE
W GRANGE AVE
W MALLORY AVE
W UPHAM AVE
W CLAYTON CREST AVE
W DENS AVE
W ALVINA AVE
W HENRY AVE
W BRIDGE ST
S 26TH ST
S 25TH ST
S 24TH ST
GREENFIELD VETERINARY CLINIC
ROSEN HYUNDAI
DON JACOBS TOYOTA
BIG LOTS
ROSEN NISSAN MILWAUKEE
PACIFIC PRODUCE
PET WORLD WAREHOUSE OUTLET
AUTUMN LAKE HEALTHCARE AT GREENFIELD
STEIN'S GARDEN & HOME
ALSO SHOWN ON PAGE 3
CONNECT 2
DRAFT - FEBRUARY 2024
PROPOSED CONCEPT PLAN
PAGE 4 OF 16
0 100 200 300 400 Feet
N
Direction of traffic
Proposed bus-only lanes
Proposed bus in mixed traffic
Preferred station location
Alternate station location under consideration
PARKING On-street parking
Proposed curb modifications
Mid-block pedestrian crossing
BIKE LANE On-street bicycle lanes
Bubir bike stations
Potential access change which could improve transit operations or station placement
Municipal boundaries
Existing traffic signals
BRT design elements will be refined based on traffic analysis.

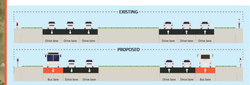
BRT IN BUS-ONLY LANES

27TH FROM COLLEGE TO HOWARD

Traffic modeling is underway to evaluate traffic conditions associated with the concept and assist with design refinement.

Bus-only lanes can also be used by general traffic for right turns and access to driveways.

27TH FROM COLLEGE TO HOWARD



STATION AREA

27TH & EDGERTON

STATION AREA

27TH & LAYTON

Transfer to Route 55

STATION AREA

27TH & COLDSPRING/BOLIVAR

BRT is temporarily in mixed traffic to accommodate highway entrance ramp.

S 30TH ST
W VOGEL AVE
W HOLMES AVE
S 28TH ST
W ABBOTT AVE
GREENFIELD
MILWAUKEE
241 S 27TH ST
FAMOUS DAVE'S BAR-B-QUE
ADVANCED FOOT AND ANKLE OF WISCONSIN
SOUTH 27TH STREET BUSINESS ASSOCIATION
FESTIVAL FOODS
AT HOME
W BOTTSFORD AVE
W COLDSPRING RD
BIG PUTTS MINI GOLF
UNITED STATES POSTAL SERVICE
W EDGERTON AVE
W CARPENTER AVE
W BARNARD AVE
WALGREENS
W LAYTON AVE
SCHLOSSMANN MUSARIS CITY OF MILWAUKEE
QUALITY SUITES MILWAUKEE AIRPORT
W WHITAKER AVE
MEINEKE CAR CARE CENTER
W BOLIVAR AVE
S 26TH ST
S 25TH ST
W MANCHESTER AVE
W VOGEL AVE
W HALSEY AVE
W LEROY AVE
ALSO SHOWN ON PAGE 4

CONNECT 2

DRAFT - FEBRUARY 2024

PROPOSED CONCEPT PLAN

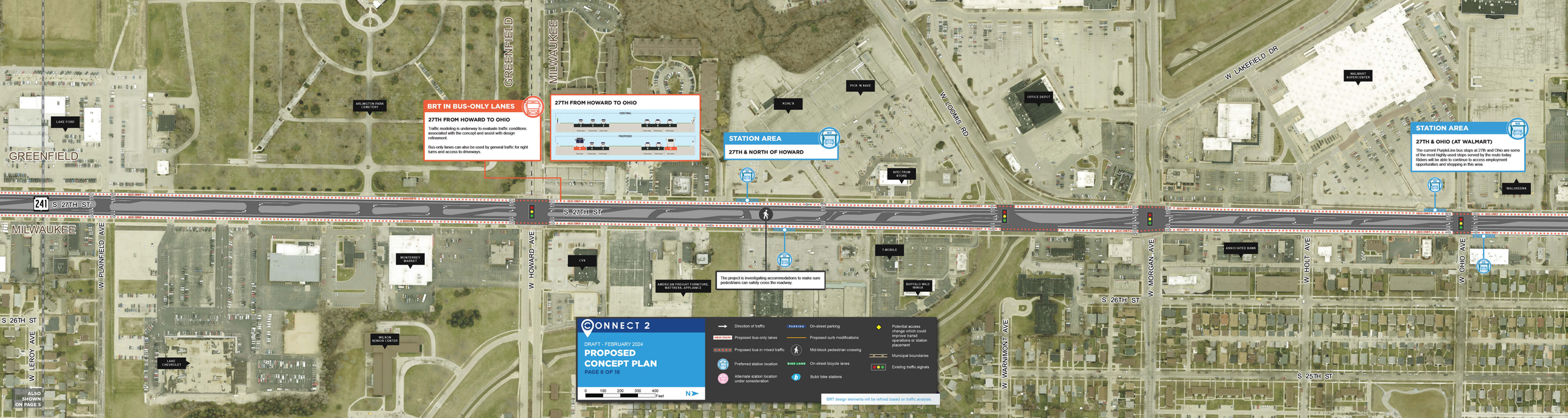
PAGE 5 OF 16

0 100 200 300 400 Feet

N

- Direction of traffic
- BUS ONLY — Proposed bus-only lanes
- Proposed bus in mixed traffic
- Preferred station location
- Alternate station location under consideration
- PARKING — On-street parking
- Proposed curb modifications
- Mid-block pedestrian crossing
- BIKE LANE — On-street bicycle lanes
- Bubir bike stations
- Potential access change which could improve transit operations or station placement
- Municipal boundaries
- Existing traffic signals

BRT design elements will be refined based on traffic analysis.



BRT IN BUS-ONLY LANES

27TH FROM HOWARD TO OHIO

Traffic modeling is underway to evaluate traffic conditions associated with the concept and assist with design refinement.

Bus-only lanes can also be used by general traffic for right turns and access to driveways.

27TH FROM HOWARD TO OHIO

EXISTING

PROPOSED

STATION AREA

27TH & NORTH OF HOWARD

The project is investigating accommodations to make sure pedestrians can safely cross the roadway.

STATION AREA

27TH & OHIO (AT WALMART)

The current PurpleLine bus stops at 27th and Ohio are some of the most highly-used stops served by the route today. Riders will be able to continue to access employment opportunities and shopping in this area.

CONNECT 2

DRAFT - FEBRUARY 2024

PROPOSED CONCEPT PLAN

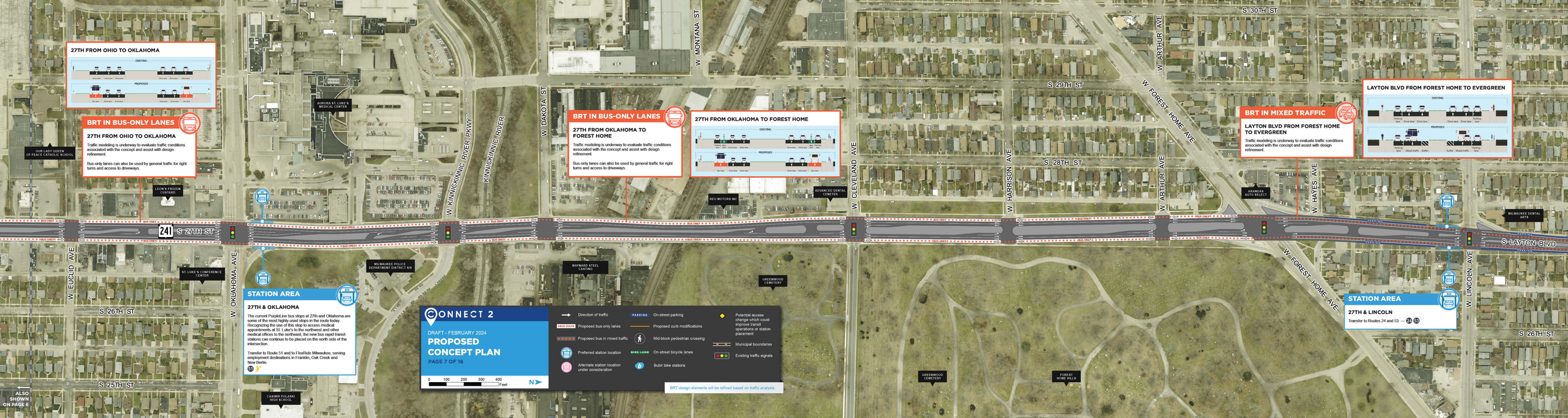
PAGE 6 OF 16

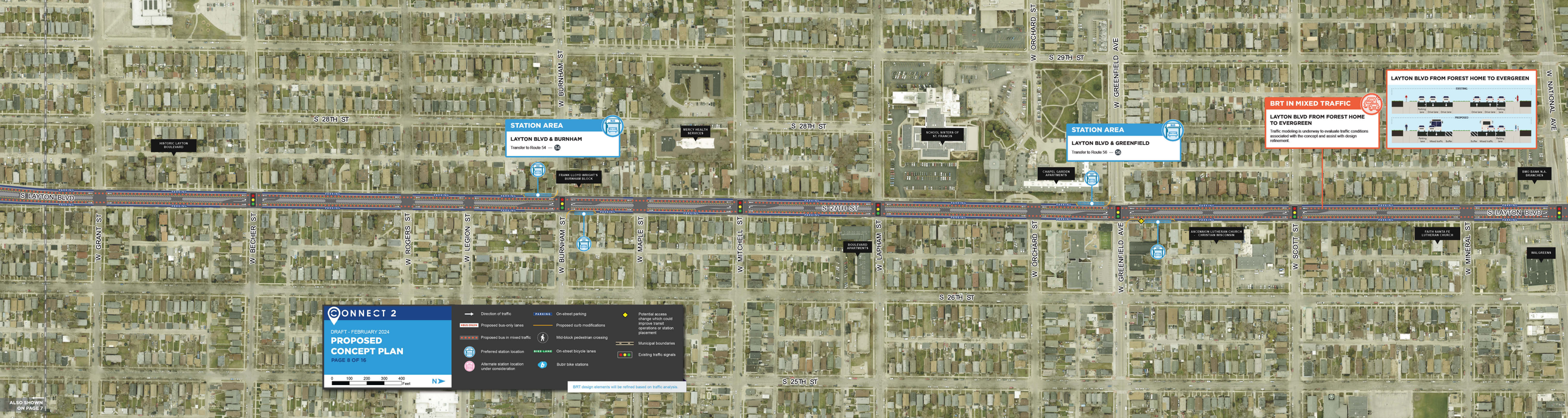
0 100 200 300 400 Feet

N

- Direction of traffic
- BUS ONLY — Proposed bus-only lanes
- Proposed bus in mixed traffic
- Preferred station location
- Alternate station location under consideration
- PARKING — On-street parking
- Proposed curb modifications
- Mid-block pedestrian crossing
- BIKE LANE — On-street bicycle lanes
- Bublr bike stations
- Potential access change which could improve transit operations or station placement
- Municipal boundaries
- Existing traffic signals

BRT design elements will be refined based on traffic analysis.


27TH FROM OHIO TO OKLAHOMA
EXISTING
PROPOSED
BRT IN BUS-ONLY LANES
27TH FROM OHIO TO OKLAHOMA
Traffic modeling is underway to evaluate traffic conditions associated with the concept and assist with design refinement.
Bus-only lanes can also be used by general traffic for right turns and access to driveways.
BRT IN BUS-ONLY LANES
27TH FROM OKLAHOMA TO FOREST HOME
Traffic modeling is underway to evaluate traffic conditions associated with the concept and assist with design refinement.
Bus-only lanes can also be used by general traffic for right turns and access to driveways.
27TH FROM OKLAHOMA TO FOREST HOME
BRT IN MIXED TRAFFIC
LAYTON BLVD FROM FOREST HOME TO EVERGREEN
Traffic modeling is underway to evaluate traffic conditions associated with the concept and assist with design refinement.
LAYTON BLVD FROM FOREST HOME TO EVERGREEN
STATION AREA
27TH & OKLAHOMA
The current Purple Line bus stops at 27th and Oklahoma are some of the most highly used stops in the route today. Recognizing the use of this stop to access medical appointments at St. Luke's to the northwest and other medical offices to the northeast, the new bus rapid transit stations can continue to be placed on the north side of the intersection.
Transfer to Route 51 and to FlexRide Milwaukee, serving employment destinations in Franklin, Oak Creek and New Berlin.
STATION AREA
27TH & LINCOLN
Transfer to Routes 24 and 53
CONNECT 2
DRAFT - FEBRUARY 2024
PROPOSED CONCEPT PLAN
PAGE 7 OF 16
0 100 200 300 400 Feet
N
Direction of traffic
Proposed bus-only lanes
Proposed bus in mixed traffic
Preferred station location
Alternate station location under consideration
On-street parking
Proposed curb modifications
Mid-block pedestrian crossing
On-street bicycle lanes
Bubir bike stations
Potential access change which could improve transit operations or station placement
Municipal boundaries
Existing traffic signals
BRT design elements will be refined based on traffic analysis.
ALSO SHOWN ON PAGE 6
OUR LADY QUEEN OF PEACE CATHOLIC SCHOOL
LEON'S FROZEN CUSTARD
AURORA ST. LUKE'S MEDICAL CENTER
W KINNICKINNIC RIVER PKWY
KINNICKINNIC RIVER
W DAKOTA ST
W MONTANA ST
REO MOTORS INC
ADVANCED DENTAL CENTER
W CLEVELAND AVE
W HARRISON AVE
W ARTHUR AVE
W FOREST HOME AVE
S 30TH ST
S 29TH ST
S 28TH ST
ARKANSAS AUTO SELECT
W HAYES AVE
MILWAUKEE DENTAL ARTS
S LAYTON BLVD
241
S 27TH ST
W EUCLID AVE
ST. LUKE'S CONFERENCE CENTER
S 26TH ST
W OKLAHOMA AVE
MILWAUKEE POLICE DEPARTMENT DISTRICT SIX
MAYNARD STEEL CASTING
GREENWOOD CEMETERY
W FOREST HOME AVE
W LINCOLN AVE
S 25TH ST
CASIMIR PULASKI HIGH SCHOOL
FOREST HOME HILLS


S 28TH ST
W BURNHAM ST
W ORCHARD ST
S 29TH ST
W GREENFIELD AVE
W NATIONAL AVE
HISTORIC LAYTON BOULEVARD
STATION AREA
LAYTON BLVD & BURNHAM
Transfer to Route 54 — 54
MERCY HEALTH SERVICES
FRANK LLOYD WRIGHT'S BURNHAM BLOCK
SCHOOL SISTERS OF ST. FRANCIS
CHAPEL GARDEN APARTMENTS
STATION AREA
LAYTON BLVD & GREENFIELD
Transfer to Route 56 — 56
BRT IN MIXED TRAFFIC
LAYTON BLVD FROM FOREST HOME TO EVERGREEN
Traffic modeling is underway to evaluate traffic conditions associated with the concept and assist with design refinement.
LAYTON BLVD FROM FOREST HOME TO EVERGREEN
EXISTING
Parking lane
Drive lane
Drive lane
Drive lane
Drive lane
Parking lane
PROPOSED
Parking lane
Mixed traffic
Buffer
Buffer
Mixed traffic
Parking lane
BMO BANK N.A. BRANCHES
S LAYTON BLVD
PARKING
W GRANT ST
W BECHER ST
W ROGERS ST
W LEGION ST
W BURNHAM ST
W MAPLE ST
W MITCHELL ST
S 27TH ST
W LAPHAM ST
W ORCHARD ST
W GREENFIELD AVE
W SCOTT ST
W MINERAL ST
BOULEVARD APARTMENTS
ASCENSION LUTHERAN CHURCH CHRISTIAN WISCONSIN
FAITH SANTA FE LUTHERAN CHURCH
WALGREENS
S 26TH ST
S 25TH ST
CONNECT 2
DRAFT - FEBRUARY 2024
PROPOSED CONCEPT PLAN
PAGE 8 OF 16
0 100 200 300 400 Feet
N
Direction of traffic
BUS ONLY Proposed bus-only lanes
Proposed bus in mixed traffic
Preferred station location
Alternate station location under consideration
PARKING On-street parking
Proposed curb modifications
Mid-block pedestrian crossing
BIKE LANE On-street bicycle lanes
Bubir bike stations
Potential access change which could improve transit operations or station placement
Municipal boundaries
Existing traffic signals
BRT design elements will be refined based on traffic analysis.
ALSO SHOWN ON PAGE 7

STATION AREA

LAYTON BLVD & NATIONAL

The current PurpleLine bus stops at National Avenue are some of the most highly-used stops served by the route today. These bus stops are in the heart of a vibrant business district and will be strategically located to allow for easy access for riders while maintaining parking and vehicle access to local businesses.

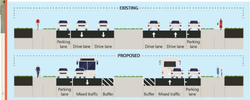
Transfer to Route 18 — 18

BRT IN MIXED TRAFFIC

LAYTON BLVD FROM FOREST HOME TO EVERGREEN

Traffic modeling is underway to evaluate traffic conditions associated with the concept and assist with design refinement.

LAYTON BLVD FROM FOREST HOME TO EVERGREEN



STATION AREA

LAYTON BLVD & EVERGREEN

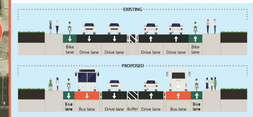
BRT IN BUS-ONLY LANES

27TH FROM EVERGREEN TO ST. PAUL

Traffic modeling is underway to evaluate traffic conditions associated with the concept and assist with design refinement.

Bus-only lanes can also be used by general traffic for right turns and access to driveways.

27TH FROM EVERGREEN TO ST. PAUL



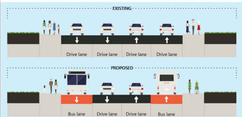
BRT IN BUS-ONLY LANES

27TH FROM ST. PAUL TO WISCONSIN

Traffic modeling is underway to evaluate traffic conditions associated with the concept and assist with design refinement.

Bus-only lanes can also be used by general traffic for right turns and access to driveways.

27TH FROM ST. PAUL TO WISCONSIN



STATION AREA

27TH & WISCONSIN

The current PurpleLine bus stops at Wisconsin Avenue are some of the most highly-used stops served by the route today.

Transfer to CONNECT 1, Route 30 and to FlexRide Milwaukee, serving employment destinations in New Berlin.

30

Ongoing coordination with WisDOT's I-94 East-West project team is underway to further refine the North-South Transit Enhancement project at this location.

The project is investigating the use of vertical separation from Evergreen to St. Paul, such as using curbs or short posts called bollards, to protect the bus-only lane.

Proposed BRT concept shows a dedicated bike lane between Pierce and St Paul. This would maintain connections to Milwaukee's on-street bike routes along 26th and 29th streets as shown below.

Bike Route — Proposed BRT Concept

S 29TH ST
S 28TH ST
S 27TH ST
S 26TH ST
S 25TH ST
N 29TH ST
N 27TH ST
N 26TH ST
N 25TH ST
W NATIONAL AVE
W PIERCE ST
W EVERGREEN LN
W CANAL ST
W GREIVES ST
W ST PAUL AVE
W CLYBOURN ST
W MICHIGAN ST
W WISCONSIN AVE
MENOMONEE RIVER
THREE BRIDGES PARK
VALUE VILLAGE
BMO BANK N.A. BRANCHES
WALGREENS
MITCHELL PARK DOMES HORTICULTURE CONSERVATORY
MITCHELL PARK
ST. PAUL VETERINARY CLINIC
CONNECT 1 CLYBOURN STATION
DEPARTMENT OF CHILDREN & FAMILIES
AMERICAN RED CROSS
CONNECT 1 STATION
57
94
ALSO SHOWN ON PAGE 8

CONNECT 2

DRAFT - FEBRUARY 2024

PROPOSED CONCEPT PLAN

PAGE 9 OF 16

0 100 200 300 400 Feet

N

- Direction of traffic
- Proposed bus-only lanes
- Proposed bus in mixed traffic
- Preferred station location
- Alternate station location under consideration
- PARKING On-street parking
- Proposed curb modifications
- Mid-block pedestrian crossing
- BIKE LANE On-street bicycle lanes
- Bubir bike stations
- Potential access change which could improve transit operations or station placement
- Municipal boundaries
- Existing traffic signals

BRT design elements will be refined based on traffic analysis.

STATION AREA

27TH & WISCONSIN

The current PurpleLine bus stops at Wisconsin Avenue are some of the most highly-used stops served by the route today.

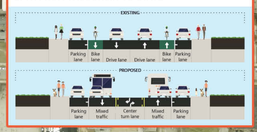
Transfer to CONNECT 1, Route 30 and to FlexRide Milwaukee, serving employment destinations in New Berlin.

BRT IN MIXED TRAFFIC

27TH FROM WISCONSIN TO STATE

Traffic modeling and analysis is underway to better understand how traffic would flow in this new configuration.

27TH FROM WISCONSIN TO STATE



STATION AREA

27TH & HIGHLAND

Transfer to Route 31 — 31

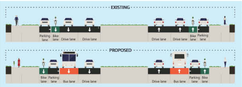
BRT IN BUS-ONLY LANES

27TH FROM STATE TO LISBON

Traffic modeling is underway to evaluate traffic conditions associated with the concept and assist with design refinement.

Bus-only lanes can also be used by general traffic for right turns and access to driveways.

27TH FROM STATE TO LISBON



STATION AREA

27TH & LISBON

Transfer to Route 57 — 57

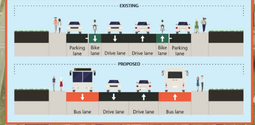
BRT IN BUS-ONLY LANES

27TH FROM LISBON TO MELVINA

Traffic modeling is underway to evaluate traffic conditions associated with the concept and assist with design refinement.

Bus-only lanes can also be used by general traffic for right turns and access to driveways.

27TH FROM LISBON TO MELVINA



STATION AREA

27TH & VLIET

Transfer to Route 33 — 33

N 29TH ST
N 28TH ST
N 26TH ST
N 25TH ST
N 24TH PL
57 S 27TH ST
W MICHIGAN ST
W WISCONSIN AVE
W WELLS ST
W KILBOURN AVE
W STATE ST
W HIGHLAND AVE
W JUNEAU AVE
W VLIET ST
W CHERRY ST
W WALNUT ST
W LISBON AVE
W VINE ST
W HIGHLAND BLVD
W MCKINLEY BLVD
W RICHARDSON PL
W GALENA ST
DEPARTMENT OF CHILDREN & FAMILIES
AMERICAN RED CROSS
DADDY'S SOUL FOOD & GRILLE
PENFIELD CHILDREN'S CENTER
FAMILY DOLLAR
KILBOURN SUPERMARKET
ST. LUKE EMANUEL MISSIONARY BAPTIST CHURCH, INC.
JAMES GROPPI HIGH SCHOOL
THE SALVATION ARMY: WEST CORPS WORSHIP AND COMMUNITY CENTER
TIEFENTHALER PARK
PAY LESS MARKET
BP GAS STATION
ALSO SHOWN ON PAGE 9

CONNECT 2

DRAFT - FEBRUARY 2024

PROPOSED CONCEPT PLAN

PAGE 10 OF 16

0 100 200 300 400 Feet

N

Direction of traffic
Proposed bus-only lanes
Proposed bus in mixed traffic
Preferred station location
Alternate station location under consideration
On-street parking
Proposed curb modifications
Mid-block pedestrian crossing
On-street bicycle lanes
Bublr bike stations
Potential access change which could improve transit operations or station placement
Municipal boundaries
Existing traffic signals

BRT design elements will be refined based on traffic analysis.

BRT IN BUS-ONLY LANES

27TH FROM LISBON TO MELVINA

Traffic modeling is underway to evaluate traffic conditions associated with the concept and assist with design refinement.

Bus-only lanes can also be used by general traffic for right turns and access to driveways.

27TH FROM LISBON TO MELVINA

STATION AREA

27TH & NORTH

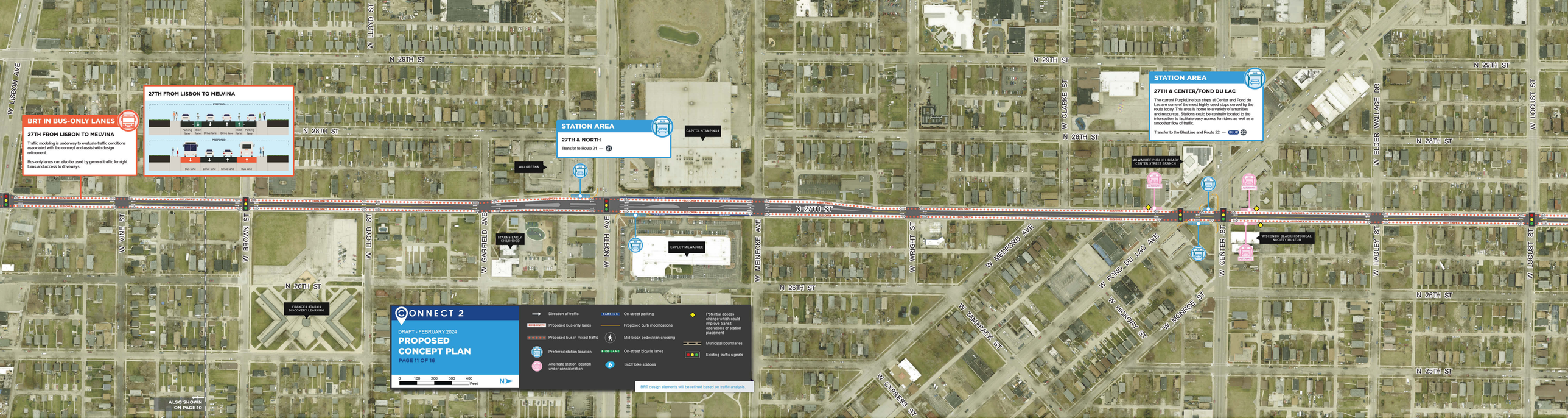
Transfer to Route 21 — 21

STATION AREA

27TH & CENTER/FOND DU LAC

The current PurpleLine bus stops at Center and Fond du Lac are some of the most highly-used stops served by the route today. This area is home to a variety of amenities and resources. Stations could be centrally located to the intersection to facilitate easy access for riders as well as a smoother flow of traffic.

Transfer to the BlueLine and Route 22 — BLUE 22



CONNECT 2

DRAFT - FEBRUARY 2024

PROPOSED CONCEPT PLAN

PAGE 11 OF 16

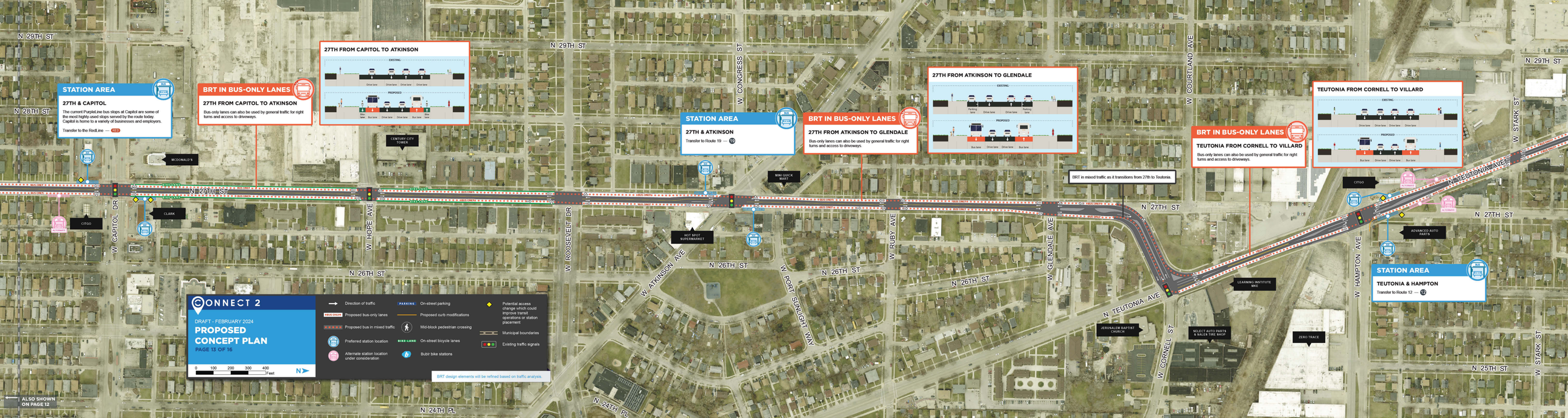
0 100 200 300 400 Feet

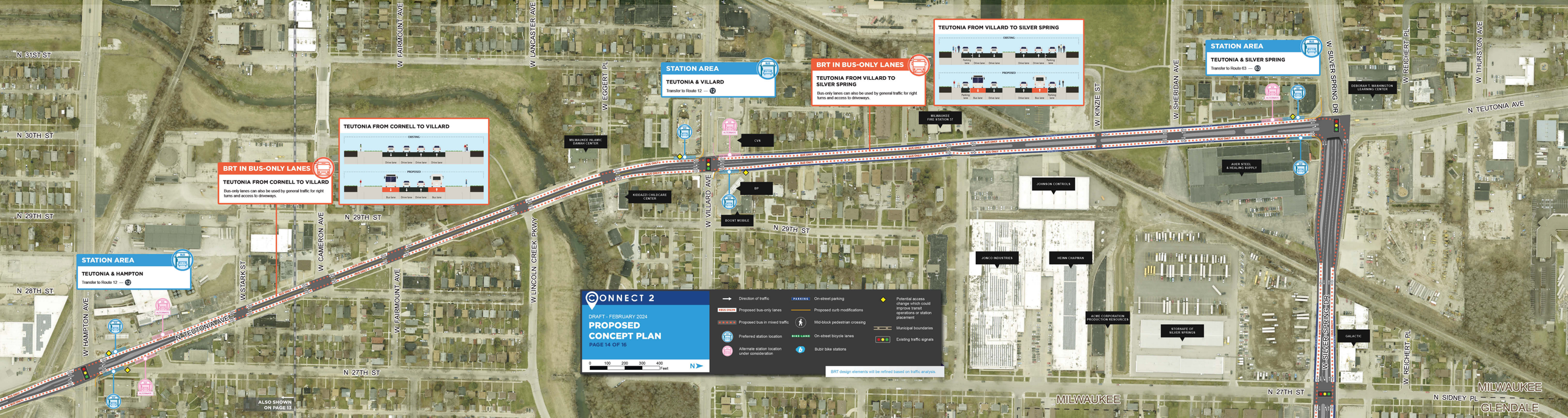
N

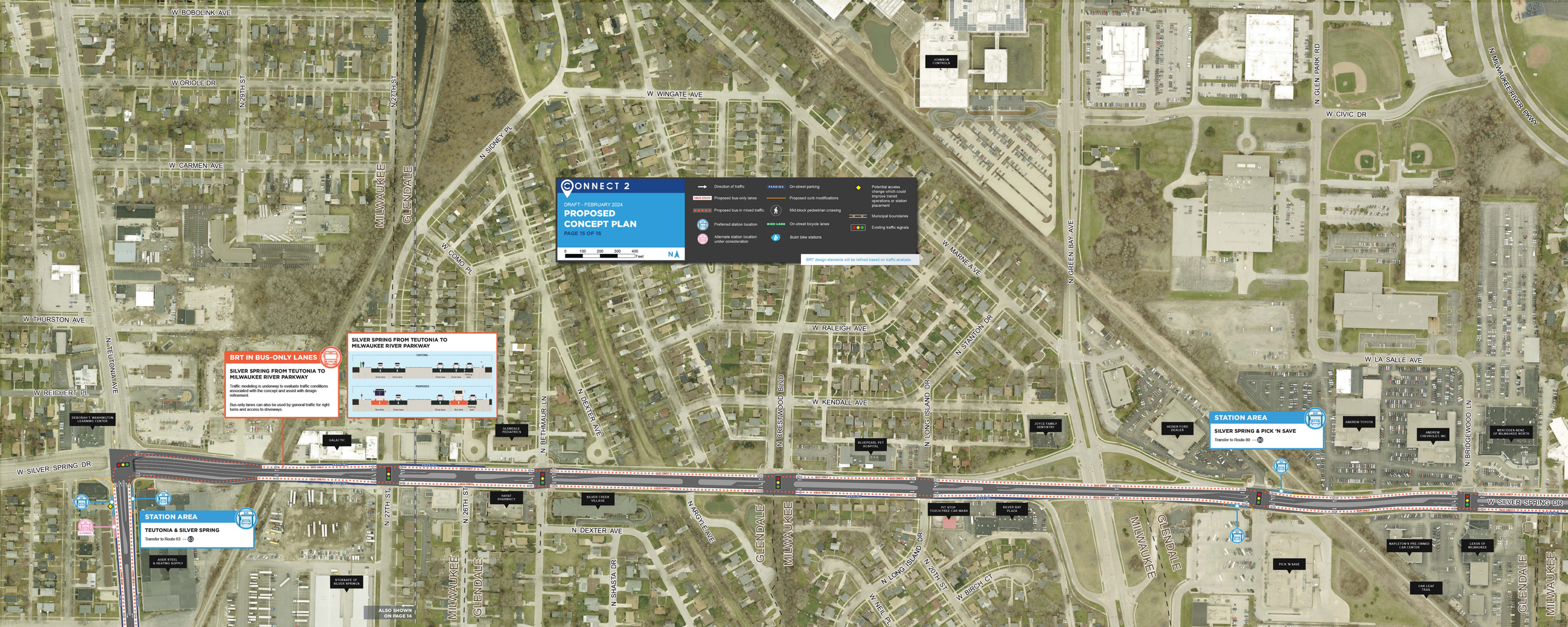
- Direction of traffic
- BUS ONLY — Proposed bus-only lanes
- Proposed bus in mixed traffic
- Preferred station location
- Alternate station location under consideration
- PARKING — On-street parking
- Proposed curb modifications
- Mid-block pedestrian crossing
- BIKE LANE — On-street bicycle lanes
- Bubbi bike stations
- Potential access change which could improve transit operations or station placement
- Municipal boundaries
- Existing traffic signals

BRT design elements will be refined based on traffic analysis.

BRT IN BUS-ONLY LANES
27TH FROM LISBON TO MELVINA
Traffic modeling is underway to evaluate traffic conditions associated with the concept and assist with design refinement.
Bus-only lanes can also be used by general traffic for right turns and access to driveways.
27TH FROM LISBON TO MELVINA
EXISTING
Parking lane
Bike lane
Drive lane
Drive lane
Bike lane
Parking lane
PROPOSED
Bus lane
Drive lane
Drive lane
Bus lane
STATION AREA
27TH & BURLEIGH
Transfer to Route 66
STATION AREA
27TH & HOPKINS
Transfer to Route 34
N 29TH ST
N 28TH ST
N 27TH ST
N 26TH ST
N 25TH ST
N 24TH PL
W LOCUST ST
W CHAMBERS ST
W BURLEIGH ST
W AUER AVE
W CONCORDIA AVE
W TOWNSEND ST
W HOPKINS ST
W KEEFE AVE
W NASH ST
W VIENNA AVE
W MELVINA ST
BUS ONLY
TALGO
CENTURY CITY BUILDING & PARK
MELVINA PARK EXPANSION
SHEILA'S SHINING STARS LEARNING CENTER
CONNECT 2
DRAFT - FEBRUARY 2024
PROPOSED CONCEPT PLAN
PAGE 12 OF 16
0 100 200 300 400 feet
N
Direction of traffic
Proposed bus-only lanes
Proposed bus in mixed traffic
Preferred station location
Alternate station location under consideration
On-street parking
Proposed curb modifications
Mid-block pedestrian crossing
On-street bicycle lanes
Bubir bike stations
Potential access change which could improve transit operations or station placement
Municipal boundaries
Existing traffic signals
BRT design elements will be refined based on traffic analysis.
ALSO SHOWN ON PAGE 11


N 29TH ST
N 28TH ST
N 27TH ST
N 26TH ST
N 24TH PL
N 25TH ST
W CAPITOL DR
W HOPE AVE
W ROOSEVELT DR
W ATKINSON AVE
W CONGRESS ST
W POST SUNLIGHT WAY
W RUBY AVE
W GLENDALE AVE
W COURTLAND AVE
W CORNELL ST
N TEUTONIA AVE
W HAMPTON AVE
W STARK ST
BUS ONLY
BIKE LANE
MCDONALD'S
CLARK
CITGO
CENTURY CITY TOWER
MINI QUICK MART
HOT SPOT SUPERMARKET
JERUSALEM BAPTIST CHURCH
SELECT AUTO PARTS & SALES TIRE SHOP
LEARNING INSTITUTE WEST
ZERO TRACE
ADVANCED AUTO PARTS
BRT in mixed traffic as it transitions from 27th to Teutonia
STATION AREA
27TH & CAPITOL
The current PurpleLine bus stops at Capitol are some of the most highly-used stops served by the route today. Capitol is home to a variety of businesses and employers.
Transfer to the RedLine — RED
BRT IN BUS-ONLY LANES
27TH FROM CAPITOL TO ATKINSON
Bus-only lanes can also be used by general traffic for right turns and access to driveways.
27TH FROM CAPITOL TO ATKINSON
EXISTING
Drive lane
Drive lane
Drive lane
Drive lane
PROPOSED
Bike lane
Bus lane
Drive lane
Drive lane
Bus lane
Bike lane
STATION AREA
27TH & ATKINSON
Transfer to Route 19 — 19
BRT IN BUS-ONLY LANES
27TH FROM ATKINSON TO GLENDALE
Bus-only lanes can also be used by general traffic for right turns and access to driveways.
27TH FROM ATKINSON TO GLENDALE
EXISTING
Parking lane
Drive lane
Drive lane
Parking lane
PROPOSED
Bus lane
Drive lane
Drive lane
Bus lane
BRT IN BUS-ONLY LANES
TEUTONIA FROM CORNELL TO VILLARD
Bus-only lanes can also be used by general traffic for right turns and access to driveways.
TEUTONIA FROM CORNELL TO VILLARD
EXISTING
Drive lane
Drive lane
Drive lane
Drive lane
PROPOSED
Bus lane
Drive lane
Drive lane
Bus lane
STATION AREA
TEUTONIA & HAMPTON
Transfer to Route 12 — 12
CONNECT 2
DRAFT - FEBRUARY 2024
PROPOSED CONCEPT PLAN
PAGE 13 OF 16
0 100 200 300 400 Feet
N
Direction of traffic
Proposed bus-only lanes
Proposed bus in mixed traffic
Preferred station location
Alternate station location under consideration
PARKING On-street parking
Proposed curb modifications
Mid-block pedestrian crossing
BIKE LANE On-street bicycle lanes
Bubir bike stations
Potential access change which could improve transit operations or station placement
Municipal boundaries
Existing traffic signals
BRT design elements will be refined based on traffic analysis.
ALSO SHOWN ON PAGE 12


N 31ST ST
N 30TH ST
N 29TH ST
N 28TH ST
N 27TH ST
N TEUTONIA AVE
W HAMPTON AVE
W STARK ST
W CAMERON AVE
W FAIRMOUNT AVE
W LANCASTER AVE
W LINCOLN CREEK PKWY
W EGERT PL
W VILLARD AVE
W KINZIE ST
W SHERIDAN AVE
W SILVER SPRING DR
W REICHERT PL
W THURSTON AVE
N SIDNEY PL
MILWAUKEE
GLENDALE
STATION AREA
TEUTONIA & HAMPTON
Transfer to Route 12
STATION AREA
TEUTONIA & VILLARD
Transfer to Route 12
STATION AREA
TEUTONIA & SILVER SPRING
Transfer to Route 63
BRT IN BUS-ONLY LANES
TEUTONIA FROM CORNELL TO VILLARD
Bus-only lanes can also be used by general traffic for right turns and access to driveways.
TEUTONIA FROM CORNELL TO VILLARD
EXISTING
PROPOSED
BRT IN BUS-ONLY LANES
TEUTONIA FROM VILLARD TO SILVER SPRING
Bus-only lanes can also be used by general traffic for right turns and access to driveways.
TEUTONIA FROM VILLARD TO SILVER SPRING
EXISTING
PROPOSED
MILWAUKEE ISLAMIC DAWAH CENTER
CVS
MILWAUKEE FIRE STATION 37
KIDDAZZI CHILDCARE CENTER
BP
BOOST MOBILE
JOHNSON CONTROLS
JONCO INDUSTRIES
HEINN CHAPMAN
ACME CORPORATION PRODUCTION RESOURCES
STORSAFE OF SILVER SPRINGS
AUER STEEL & HEALING SUPPLY
DEBORAH T. WASHINGTON LEARNING CENTER
GALACTIC
ALTERNATE
ALTERNATE
ALTERNATE
ALTERNATE
ALSO SHOWN ON PAGE 13
CONNECT 2
DRAFT - FEBRUARY 2024
PROPOSED CONCEPT PLAN
PAGE 14 OF 16
0 100 200 300 400 Feet
N
Direction of traffic
BUS ONLY Proposed bus-only lanes
Proposed bus in mixed traffic
Preferred station location
Alternate station location under consideration
PARKING On-street parking
Proposed curb modifications
Mid-block pedestrian crossing
BIKE LANE On-street bicycle lanes
Bubir bike stations
Potential access change which could improve transit operations or station placement
Municipal boundaries
Existing traffic signals
BRT design elements will be refined based on traffic analysis.


CONNECT 2
DRAFT - FEBRUARY 2024
PROPOSED CONCEPT PLAN
PAGE 15 OF 16
0 100 200 300 400 Feet
N
Direction of traffic
BUS ONLY Proposed bus-only lanes
Proposed bus in mixed traffic
Preferred station location
Alternate station location under consideration
PARKING On-street parking
Proposed curb modifications
Mid-block pedestrian crossing
BIKE LANE On-street bicycle lanes
Bubir bike stations
Potential access change which could improve transit operations or station placement
Municipal boundaries
Existing traffic signals
BRT design elements will be refined based on traffic analysis.
BRT IN BUS-ONLY LANES
SILVER SPRING FROM TEUTONIA TO MILWAUKEE RIVER PARKWAY
Traffic modeling is underway to evaluate traffic conditions associated with the concept and assist with design refinement.
Bus-only lanes can also be used by general traffic for right turns and access to driveways.
SILVER SPRING FROM TEUTONIA TO MILWAUKEE RIVER PARKWAY
EXISTING
PROPOSED
STATION AREA
TEUTONIA & SILVER SPRING
Transfer to Route 63
STATION AREA
SILVER SPRING & PICK 'N SAVE
Transfer to Route 80
ALSO SHOWN ON PAGE 14
W BOBOLINK AVE
W ORIOLE DR
W CARMEN AVE
W THURSTON AVE
W REICHERT PL
W SILVER SPRING DR
W WINGATE AVE
W COMO PL
W RALEIGH AVE
W KENDALL AVE
W MARNE AVE
W CIVIC DR
W LA SALLE AVE
N 29TH ST
N 27TH ST
N 26TH ST
N TEUTONIA AVE
N SIDNEY PL
N BETHMAUR LN
N DEXTER AVE
N CRESTWOOD BLVD
N LONG ISLAND DR
N STANTON DR
N GREEN BAY AVE
N GLEN PARK RD
N MILWAUKEE RIVER PKWY
N BRIDGEWOOD LN
N ARGYLE AVE
N SHASTA DR
N 20TH ST
W BIRCH CT
W NEIL PL
MILWAUKEE
GLENDALE
DEBORAH T. WASHINGTON LEARNING CENTER
GALACTIC
GLENDALE PEDIATRICS
BLUEPEARL PET HOSPITAL
JOYCE FAMILY DENTISTRY
HEINER FORD DEALER
ANDREW TOYOTA
ANDREW CHEVROLET, INC
MERCEDES-BENZ OF MILWAUKEE NORTH
JOHNSON CONTROLS
HAYAT PHARMACY
SILVER CREEK VILLAGE
PIT STOP TOUCH FREE CAR WASH
SILVER BAY PLAZA
NAPLETON'S PRE-OWNED CAR CENTER
LEXUS OF MILWAUKEE
PICK 'N SAVE
OAK LEAF TRAIL
AUER STEEL & HEATING SUPPLY
STORSAFE OF SILVER SPRINGS

CONNECT 2

DRAFT - FEBRUARY 2024

PROPOSED CONCEPT PLAN

PAGE 16 OF 16

0 100 200 300 400 Feet

N

- Direction of traffic
- Proposed bus-only lanes
- Proposed bus in mixed traffic
- Preferred station location
- Alternate station location under consideration
- On-street parking
- Proposed curb modifications
- Mid-block pedestrian crossing
- On-street bicycle lanes
- Bublr bike stations
- Potential access change which could improve transit operations or station placement
- Municipal boundaries
- Existing traffic signals

BRT design elements will be refined based on traffic analysis.

STATION AREA

BAYSHORE

The current PurpleLine bus stops at Bayshore are some of the most highly-used stops served by the current route. This location is home to a variety of retailers and employers and serves as a transit hub, providing riders with the opportunity to transfer between multiple MCTS routes.

Transfer to Routes 14, 15, 68 and the GreenLine.

GREEN 14 15 68

The project is investigating accommodations to make sure pedestrians can safely cross the roadway.

BRT IN BUS-ONLY LANES

SILVER SPRING FROM TEUTONIA TO MILWAUKEE RIVER PARKWAY

Traffic modeling is underway to evaluate traffic conditions associated with the concept and assist with design refinement.

Bus-only lanes can also be used by general traffic for right turns and access to driveways.

SILVER SPRING FROM TEUTONIA TO MILWAUKEE RIVER PARKWAY

BRT IN MIXED TRAFFIC

SILVER SPRING FROM MILWAUKEE RIVER PARKWAY TO PORT WASHINGTON

BRT IN MIXED TRAFFIC

PORT WASHINGTON FROM SILVER SPRING TO CARRIGAN

ALSO SHOWN ON PAGE 15

W PARADISE CT
W LA SALLE CT
W KENDALL
N 13TH ST
N PARADISE LN
N MILWAUKEE RIVER PKWY
N WITTE LN
W THERESA LN
W THERESA CT
W LASALLE AVE
N SUNSET LN
N SEVERS PL
MILWAUKEE RIVER
GLENDALE
MILWAUKEE
W SILVER SPRING DR
N 13TH ST
N 12TH ST
N 11TH ST
SILVER SPRINGS HEALTH CARE CENTER
BUS ONLY
PARKING
N PORT WASHINGTON RD
INTERSTATE 43
PARK & RIDE
PANERA BREAD
MOBIL
TRADER JOE'S
BAYSHORE
W NORTHSHORE DR
N BAYSHORE DR
N CENTER PARK WAY
W GLEN BAY AVE
W TOWN CENTER WAY
US BANK
ALTERNATE
W CORRIGAN DR
W FOUNTAINVIEW DR
W SILVER SPRING DR
N LYDELL AVE
W BELLE AVE
W DAY AVE
W LAKE VIEW AVE
GLENDALE
WHITEFISH BAY