Northbound Lane Drop Concept at Chicago Ave
LEGEND
Below Grade
At Grade
Above Grade
Roadway Facility
Bus Only Facility
LFT Bike Trail
LFT Pedestrian Trail
Pump Station Facility
Bridges and Tunnels
Park
Shoreline Swale
Beach
Park Paths
Existing Jogging Trail
One-Way Street
Two-Way Street
Existing Divvy Station
Michigan Ave
Oak Street
Division Street
Chicago Avenue
Ohio Street
Grand Avenue
North Boulevard
LaSalle Drive
Cannon Drive
Fullerton Parkway
Lincoln Park Zoo
North Pond
South Lagoon
Northwest
Relocated Oak Street Beach
Relocated North Avenue Beach
Relocated Ohio Street Beach
Lake front promenade
LFT Bike trail overpass
Bike trail underpass
Bike trail overpass
Beach front promenade
Overlook
Bike overpass
Emanuel Swedenborg Monument
Theater on the lake
Future Shore Club Development
North Ave Beach relocated parking lot
North Ave Beach House with expanded boardwalk space
Chess Pavilion
North Ave beach bus stop and turn-around
Beach volleyball
East Lake Shore Drive: Shared use underpass (40' width with widened entries)
Lake front plaza and overlook with terraced seating area
Chicago Ave: Shared use overpass
3,255 total / 370 bikes
Navy Pier Flyover (20' width, 16' shared use path)
Boundary between Shoreline Protection Backshore Berm and Drainage Swale
Lake Front promenade
Ohio Street: Shared use underpass
Oak Street: Separated bike/ped overpass
Goethe St: Shared use underpass (50' width)
North Ave: Separated ped/bike underpass (75' wide)
Lincoln Park: Shared use ped/bike underpass
Armitage: shared use bridge
Diversey Harbor: Shared use underpass (15' pedestrian path)
Diversey Parkway: Separated Ped/bike underpass (15' pedestrian path, 12' bike path)
Fullerton: Separated ped/bike underpass and bridge over lagoon (75' wide with 25' ped and 12' bike path)
Both trails share lengthened roadway bridge structure
A Signal of Peace Monument
Public Art Sculpture Site
Enlarged cul-de-sac to accommodate bus turn-around
Diversey / Lakeview Community Garden
Diversey Harbor Community Garden
Support bike trail
Bus-only ramp with bus priority signal
Boat House Sea Scout Building Rowing Club Building
Lagoon wall to be rebuilt here to accommodate roadway alignment
South Pond Bridge
Nature Boardwalk and Natural Area
Pedestrian/Bike counts in RED are from Summer 2013 at existing locations
Oct. 2019
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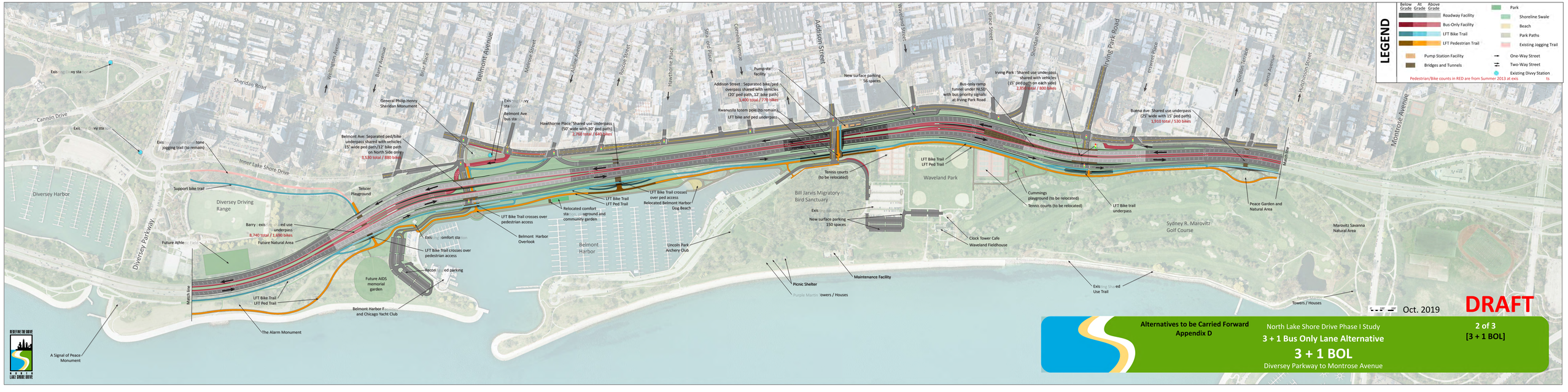
Alternatives to be Carried Forward
Appendix D
North Lake Shore Drive Phase I Study
3 + 1 Bus Only Lane Alternative
3 + 1 BOL
Grand Avenue to Diversey Parkway
1 of 3
[3 + 1 BOL]


LEGEND
Below Grade
At Grade
Above Grade
Roadway Facility
Bus-Only Facility
LFT Bike Trail
LFT Pedestrian Trail
Pump Station Facility
Bridges and Tunnels
Park
Shoreline Swale
Beach
Park Paths
Existing Jogging Trail
One-Way Street
Two-Way Street
Existing Divvy Station
Pedestrian/Bike counts in RED are from Summer 2013 at exis ts
Sheridan Road
Cannon Drive
Inner Lake Shore Drive
Diversey Harbor
Diversey Driving Range
Diversey Parkway
Belmont Avenue
Belmont Harbor
Addison Street
Waveland Park
Bill Jarvis Migratory Bird Sanctuary
Irving Park Road
Sydney R. Marovitz Golf Course
Montrose Avenue
Wellington Avenue
Barry Avenue
Briar Place
Melrose Street
Aldine Avenue
Roscoe Street
Hawthorne Place
Stratford Place
Cornelia Avenue
Waveland Street
Grace Street
Sheridan Road
Gordon Terrace
Buena Avenue
Hutchinson Street
Match line
Exis ing Divvy sta tion
Exis ing Divvy sta tion
Exis ing Cornelia Stone jogging trail (to remain)
Support bike trail
Telscer Playground
Barry : exis ing sha ed use underpass
8,740 total / 1,690 bikes
Future Natural Area
Future Athletic Field
Exis ing comfort sta tion
LFT Bike Trail crosses over pedestrian access
Reconfigured parking
Future AIDS memorial garden
Belmont Harbor Facilities and Chicago Yacht Club
LFT Bike Trail
LFT Ped Trail
The Alarm Monument
A Signal of Peace Monument
General Philip Henry Sheridan Monument
Belmont Ave: Separated ped/bike underpass shared with vehicles 15' wide ped path/12' bike path on North Side only
3,530 total / 880 bikes
Exis ing Divvy sta tion
Belmont Ave bus sta
Hawthorne Place: Shared use underpass (50' wide with 30' ped path)
2,760 total / 640 bikes
LFT Bike Trail crosses over pedestrian access
Belmont Harbor Overlook
Relocated comfort sta tion, playground and community garden
LFT Bike Trail
LFT Ped Trail
LFT Bike Trail crosses over ped access
Relocated Belmont Harbor Dog Beach
Lincoln Park Archery Club
Pump sta facility
Addison Street : Separated bike/ped overpass shared with vehicles (20' ped path, 12' bike path)
3,400 total / 770 bikes
Kwanusila totem pole (to remain)
LFT bike and ped underpass
New surface parking 56 spaces
Tennis courts (to be relocated)
Exis ing parking lot
New surface parking 150 spaces
Picnic Shelter
Purple Martin towers / Houses
Maintenance Facility
Clock Tower Cafe
Waveland Fieldhouse
LFT Bike Trail
LFT Ped Trail
Bus-only ramp tunnel under NLSD with bus priority signals at Irving Park Road
Irving Park : Shared use underpass shared with vehicles (15' ped path on each side)
2,850 total / 800 bikes
Cummings playground (to be relocated)
Tennis courts (to be relocated)
LFT Bike trail underpass
Exis ing Sha ed Use Trail
Buena Ave: Shared use underpass (25' wide with 15' ped path)
1,910 total / 530 bikes
Peace Garden and Natural Area
Marovitz Savanna Natural Area
Towers / Houses
Oct. 2019
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Alternatives to be Carried Forward
Appendix D
North Lake Shore Drive Phase I Study
3 + 1 Bus Only Lane Alternative
3 + 1 BOL
Diversey Parkway to Montrose Avenue
2 of 3
[3 + 1 BOL]
REDEFINE THE DRIVE
NORTH LAKE SHORE DRIVE

LEGEND
Below Grade
At Grade
Above Grade
Roadway Facility
Bus-Only Facility
LFT Bike Trail
LFT Pedestrian Trail
Pump Station Facility
Bridges and Tunnels
Park
Shoreline Swale
Beach
Park Paths
Existing Jogging Trail
One-Way Street
Two-Way Street
Existing Divvy Station
Pedestrian/Bike counts in RED are from Summer 2013 at exis ts
Montrose Service Yard
Clarendon Avenue
Wilson Avenue
Eastwood Avenue
Leland Avenue
Lakeside Place
Lawrence Avenue
Sunnyside Street
Castlewood Terrace
Aldine Street
Margate Terrace
Argyle Street
Carmen Avenue
Winona Street
Foster Avenue
Bernard Avenue
Balmoral Avenue
Catalpa Avenue
Sheridan Road
Bryn Mawr
Hollywood
Montrose Avenue
Junior Terrace
Match line
Sydney R. Marovitz Golf Course
Montrose Ave: shared use underpass (15' wide paths on both sides)
2,690 total / 710 bikes
Intersection or relocated Montrose/Wilson ramps
Existing Dog Friendly Area (to be relocated)
Relocated Dog Friendly Area
Wilson Ave: shared use underpass (15' wide paths on both sides)
1,810 total / 570 bikes
Existing Divvy station
Lawrence Ave: shared use underpass (15' wide paths on both sides)
1,760 total / 550 bikes
Wilson Ave Junction ramps to be modified
Existing Divvy station
Puptown Dog Park
Marine Drive
Margate Park Field House
Argyle Street: Shared use underpass (50' wide with 20' path)
2,430 total / 550 bikes
Pedestrian crosswalks
Foster Ave: shared use underpass (15' paths on both sides)
2,290 total / 550 bikes
Saddle and Cycle Club
Berwyn Ave: separated bike/ped underpass (50' wide with 20' ped path and 12' bike path)
2,300 total / 590 bikes
Edgewater Beach Apartments
Shared use underpass
St. Andrews Church
Bus turn-around
Bike trail connects to on-street bike lanes at Ardmore Ave
Existing roundabout bike turn-around to remain
Shared use underpass
LFT Bike Trail crosses over ped access
Osterman Beach
Existing Divvy station
Bryn Mawr Ave: shared use underpass (15' paths on both sides)
1,960 total / 440 bikes
LFT Bike Trail crosses over ped/bike access
Bus-only ramp with bus priority signals
LFT Bike Trail
LFT Ped Trail
Relocated Montrose Ave exit and entrance ramps
Comfort Station and Shelter
Playground
LFT Ped Trail crosses under Montrose Ave (new underpass)
LFT Ped Trail crosses under Lawrence Ave (new underpass)
Skate Park
Ball Fields
Connection to on-street bike lanes
Existing parking
East side shared use path (To remain crushed limestone)
LFT Bike Trail existing underpass
Cricket Hill
LFT Bike Trail to use existing underpass
Bus turn-around and staging/loading
LFT Ped Trail crosses under Lawrence Ave (new underpass)
LFT Bike Trail crosses parking entry at-grade
LFT Bike Trail crosses under Lawrence Ave (new underpass)
LFT Bike Trail crosses over pedestrian access at Argyle
LFT Bike Trail
LFT Ped Trail
both cross over Foster Ave (new overpass)
Simonds Drive
Foster Avenue
Foster Beach
Existing crushed limestone jogging trail
Existing Crushed limestone jogging trail
Existing Divvy station
Montrose Beach
Montrose Harbor Dr
REDEFINE THE DRIVE
NORTH LAKE SHORE DRIVE
Jan. 2020
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Alternatives to be Carried Forward
Appendix D
North Lake Shore Drive Phase I Study
3 + 1 Bus Only Lane Alternative
3 + 1 BOL
Montrose Avenue to Hollywood Avenue
3 of 3
[3 + 1 BOL]

Northbound Lane Drop Concept at Chicago Ave
Michigan Ave
Division Street
LaSalle Drive
Lincoln Park Zoo
North Pond
Cannon Drive
South Lagoon
Fullerton Parkway
Northwest Softball Fields
Relocated Oak Street Beach
Relocated North Avenue Beach
Relocated Ohio Street Beach
North Avenue Beach
Chicago Avenue
North Boulevard
Lake Shore Drive
Existing Divvy station
Lake front promenade
Beach front promenade
Bike trail overpass
Bike overpass
LFT Bike trail overpass
Chess Pavilion (Existing)
Future Shore Club Development
Boundary between Shoreline Protection Backshore Berm and Drainage Swale
Existing Comfort Station (to remain)
Existing Rescue Boat Launch
Emanuel Swedenborg Monument
Theater on the lake
Enlarged cul-de-sac to accommodate bus turn-around
Both trails share lengthened roadway bridge structure
A Signal of Peace Monument
Public Art Sculpture Site
Diversey Parkway: Separated Ped/bike underpass
(15' pedestrian path, 12' bike path)
1,495 total / 265 bikes
LEGEND
Below Grade
At Grade
Above Grade
Roadway Facility
Bus-Only Facility
LFT Bike Trail
LFT Pedestrian Trail
Pump Station Facility
Bridges and Tunnels
Park
Shoreline Swale
Beach
Park Paths
Existing Jogging Trail
One-Way Street
Two-Way Street
Existing Divvy Station
Pedestrian/Bike counts in RED are from Summer 2013 at existing access points
0' 100' 200'
Jan. 2020
DRAFT
Alternatives to be Carried Forward
Appendix D
North Lake Shore Drive Phase I Study
3 + 1 Managed Lane
3 + 1 ML
Grand Avenue to Diversey Parkway
1 of 3
[3 + 1 ML]

LEGEND
Below Grade
At Grade
Above Grade
Roadway Facility
Bus-Only Facility
LFT Bike Trail
LFT Pedestrian Trail
Pump Station Facility
Bridges and Tunnels
Park
Shoreline Swale
Beach
Park Paths
Existing Jogging Trail
One-Way Street
Two-Way Street
Existing Divvy Station
Pedestrian/Bike counts in RED are from Summer 2013 at exis ts
Diversey Harbor
Diversey Driving Range
Diversey Parkway
Cannon Drive
Sheridan Road
Inner Lake Shore Drive
Wellington Avenue
Barry Avenue
Briar Place
Belmont Avenue
Melrose Street
Aldine Avenue
Roscoe Street
Hawthorne Place
Stratford Place
Cornelia Avenue
Addison Street
Waveland Avenue
Grace Street
Sheridan Road
Irving Park Road
Broadway
Gordon Terrace
Buena Avenue
Hutchinson Street
Montrose Avenue
General Philip Henry Sheridan Monument
Belmont Ave: Separated ped/bike underpass shared with vehicles 15' wide ped path/12' bike path
3,530 total / 880 bikes
Hawthorne Place: Shared use underpass (50' wide with 30' ped path)
2,760 total / 640 bikes
Addison Street: Separated bike/ped overpass shared with vehicles (20' ped path, 12' bike path)
3,400 total / 770 bikes
Kwanusila totem pole (to remain)
LFT bike and ped underpass
Pump station facility
New surface parking 56 spaces
Bus-only ramp tunnel under NLSD with bus priority signals at Irving Park Road
Irving Park: Shared use underpass shared with vehicles (15' ped path on each side)
2,850 total / 800 bikes
Buena Ave: Shared use underpass (25' wide with 15' ped path)
1,910 total / 530 bikes
Telscer Playground
Support bike trail
Barry: existing shared use underpass
8,740 total / 1,690 bikes
Future Natural Area
Future Athletic Field
Match line
LFT Bike Trail
LFT Ped Trail
The Alarm Monument
A Signal of Peace Monument
Belmont Harbor Facilities and Chicago Yacht Club
Future AIDS memorial garden
Reconfigured parking
LFT Bike Trail crosses over pedestrian access
Existing comfort station
LFT Bike Trail crosses over pedestrian access
Belmont Harbor Overlook
Relocated comfort station, playground and community garden
LFT Bike Trail
LFT Ped Trail
LFT Bike Trail crosses over ped access
Relocated Belmont Harbor Dog Beach
Belmont Harbor
Lincoln Park Archery Club
Tennis courts (to be relocated)
Bill Jarvis Migratory Bird Sanctuary
New surface parking 150 spaces
Picnic Shelter
Purple Martin Towers / Houses
Maintenance Facility
Waveland Park
Clock Tower Cafe
Waveland Fieldhouse
Cummings playground (to be relocated)
Tennis courts (to be relocated)
LFT Bike trail underpass
Sydney R. Marovitz Golf Course
Peace Garden and Natural Area
Marovitz Savanna Natural Area
Existing Shared Use Trail
Purple Martin Towers / Houses
0' 100' 200'
Oct. 2019
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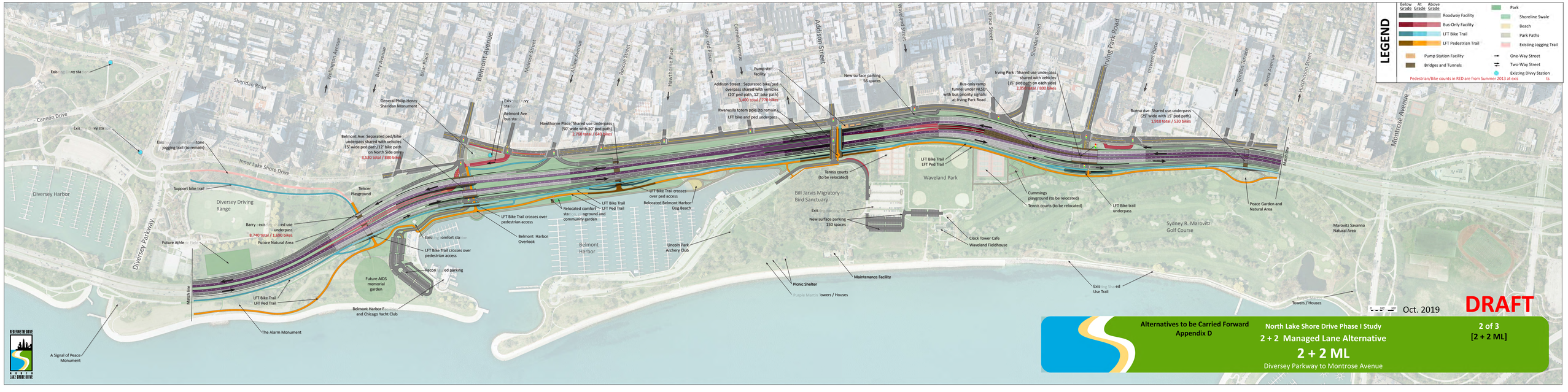
Alternatives to be Carried Forward
Appendix D
North Lake Shore Drive Phase I Study
3 + 1 Managed Lane Alternative
3 + 1 ML
Diversey Parkway to Montrose Avenue
2 of 3
[3 + 1 ML]
REDEFINE THE DRIVE
NORTH LAKE SHORE DRIVE

LEGEND
Below Grade
At Grade
Above Grade
Roadway Facility
Bus-Only Facility
LFT Bike Trail
LFT Pedestrian Trail
Pump Station Facility
Bridges and Tunnels
Park
Shoreline Swale
Beach
Park Paths
Existing Jogging Trail
One-Way Street
Two-Way Street
Existing Divvy Station
Pedestrian/Bike counts in RED are from Summer 2013 at exis ts
Montrose Service Yard
Montrose Avenue
Clarendon Avenue
Wilson Avenue
Eastwood Avenue
Leland Avenue
Lakeside Place
Lawrence Avenue
Gunnison Street
Castlewood Terrace
Ainslie Street
Margate Terrace
Argyle Street
Carmelite Avenue
Winona Street
Foster Avenue
Berwyn Avenue
Balmoral Avenue
Catalpa Avenue
Sheridan Road
Bryn Mawr
Hollywood
Junior Terrace
Match line
Sydney R. Marovitz Golf Course
Montrose Ave: shared use underpass (15' wide paths on both sides) 2,690 total / 710 bikes
Intersection or relocated Montrose/Wilson ramps
Existing Dog Friendly Area (to be relocated)
Relocated Dog Friendly Area
Wilson Ave: shared use underpass (15' wide paths on both sides) 1,810 total / 570 bikes
Existing Divvy station
Lawrence Ave: shared use underpass (15' wide paths on both sides) 1,760 total / 550 bikes
Dog Park
Wilson Ave junction ramps to be modified
Puptown Dog Park
Existing Divvy station
Marine Drive
Margate Park Field House
Saddle and Cycle Club
Pedestrian crosswalks
Argyle Street: Shared use underpass (50' wide with 20' path) 2,430 total / 550 bikes
Foster Ave: shared use underpass (15' paths on both sides) 2,290 total / 550 bikes
Berwyn Ave: separated bike/ped underpass (50' wide with 20' ped path and 12' bike path) 2,300 total / 590 bikes
Edgewater Beach Apartments
Shared use underpass
St. Andrews Church
LFT Bike Trail
LFT Ped Trail
Relocated Montrose Ave exit and entrance ramps
Comfort Station and Shelter
Playground
LFT Ped Trail crosses under Montrose Ave (new underpass)
LFT Ped Trail crosses under Lawrence Ave (new underpass)
Skate Park
Ball Fields
Connection to on-street bike lanes
Existing parking
Bus-only ramp with bus priority signals
Bus turn-around
Bike trail connects to on-street bike lanes at Ardmore Ave
East side shared use path (To remain crushed limestone)
LFT Ped Trail crosses under Lawrence Ave (new underpass)
LFT Bike Trail crosses over pedestrian access at Argyle
LFT Bike Trail
LFT Ped Trail
both cross over Foster Ave (new overpass)
LFT Bike Trail crosses over ped/bike access
Existing roundabout bike turn-around to remain
Shared use underpass
Cricket Hill
LFT Bike Trail existing underpass
LFT Bike Trail to use existing underpass
Bus turn-around and staging/loading
LFT Bike Trail crosses parking entry at-grade
LFT Bike Trail crosses under Lawrence Ave (new underpass)
Simonds Drive
Foster Avenue
Foster Beach
Bryn Mawr Ave: shared use underpass (15' paths on both sides) 1,960 total / 440 bikes
LFT Bike Trail crosses over ped access
Existing crushed limestone jogging trail
Existing Divvy station
Osterman Beach
Existing crushed limestone jogging trail
Existing Divvy station
Montrose Harbor
Montrose Beach
REDEFINE THE DRIVE
LAKE SHORE DRIVE
Jan. 2020
DRAFT
Alternatives to be Carried Forward
Appendix D
North Lake Shore Drive Phase I Study
3 + 1 Managed Lane Alternative
3 + 1 ML
Montrose Avenue to Hollywood Avenue
3 of 3
[3 + 1 ML]

Northbound Lane Drop Concept at Chicago Ave
LEGEND
Michigan Ave
Chicago Avenue
Relocated Oak Street Beach
Relocated North Avenue Beach
Relocated Ohio Street Beach
North Avenue Beach
Northwest
Cannon Drive
Lincoln Park Zoo
South Lagoon
North Pond
Fullerton Parkway
LaSalle Drive
Lake Shore Drive
Oct. 2019
DRAFT
Alternatives to be Carried Forward
Appendix D
North Lake Shore Drive Phase I Study
2 + 2 Managed Lane Alternative
2 + 2 ML
Grand Avenue to Diversey Parkway
1 of 3
[2 + 2 ML]


LEGEND
Below Grade
At Grade
Above Grade
Roadway Facility
Bus-Only Facility
LFT Bike Trail
LFT Pedestrian Trail
Pump Station Facility
Bridges and Tunnels
Park
Shoreline Swale
Beach
Park Paths
Existing Jogging Trail
One-Way Street
Two-Way Street
Existing Divvy Station
Pedestrian/Bike counts in RED are from Summer 2013 at exis ts
Sheridan Road
Cannon Drive
Inner Lake Shore Drive
Diversey Harbor
Diversey Driving Range
Diversey Parkway
Wellington Avenue
Barry Avenue
Briar Place
Belmont Avenue
Melrose Street
Aldine Avenue
Roscoe Street
Hawthorne Place
Stratford Place
Cornelia Avenue
Addison Street
Waveland Street
Grace Street
Sheridan Road
Irving Park Road
Gordon Terrace
Buena Avenue
Hutchinson Street
Montrose Avenue
Match line
Support bike trail
Telcer Playground
Future Athletic Field
Future Natural Area
Future AIDS memorial garden
Belmont Harbor Facilities and Chicago Yacht Club
The Alarm Monument
A Signal of Peace Monument
General Philip Henry Sheridan Monument
Belmont Ave: Separated ped/bike underpass shared with vehicles 15' wide ped path/12' bike path on North Side only
3,530 total / 880 bikes
Hawthorne Place: Shared use underpass (50' wide with 30' ped path)
2,760 total / 640 bikes
Addison Street : Separated bike/ped overpass shared with vehicles (20' ped path, 12' bike path)
3,400 total / 770 bikes
Kwanusila totem pole (to remain)
LFT bike and ped underpass
New surface parking 56 spaces
Irving Park : Shared use underpass shared with vehicles (15' ped path on each side)
2,850 total / 800 bikes
Buena Ave: Shared use underpass (25' wide with 15' ped path)
1,910 total / 530 bikes
Tennis courts (to be relocated)
Bill Jarvis Migratory Bird Sanctuary
Waveland Park
Cummings playground (to be relocated)
Tennis courts (to be relocated)
LFT Bike trail underpass
Peace Garden and Natural Area
Sydney R. Marovitz Golf Course
Marovitz Savanna Natural Area
New surface parking 150 spaces
Clock Tower Cafe
Waveland Fieldhouse
Lincoln Park Archery Club
Belmont Harbor
Belmont Harbor Overlook
Relocated comfort station, playground and community garden
LFT Bike Trail crosses over pedestrian access
LFT Bike Trail crosses over ped access
Relocated Belmont Harbor Dog Beach
Picnic Shelter
Maintenance Facility
Towers / Houses
Oct. 2019
DRAFT
Alternatives to be Carried Forward
Appendix D
North Lake Shore Drive Phase I Study
2 + 2 Managed Lane Alternative
2 + 2 ML
Diversey Parkway to Montrose Avenue
2 of 3
[2 + 2 ML]
REDEFINE THE DRIVE
NORTH LAKE SHORE DRIVE

Alternatives to be Carried Forward
Appendix D

North Lake Shore Drive Phase I Study

2 + 2 Managed Lane Alternative

2 + 2 ML

Montrose Avenue to Hollywood Avenue

3 of 3
[2 + 2 ML]