

Division Street Bridges and Roadway Improvement Project

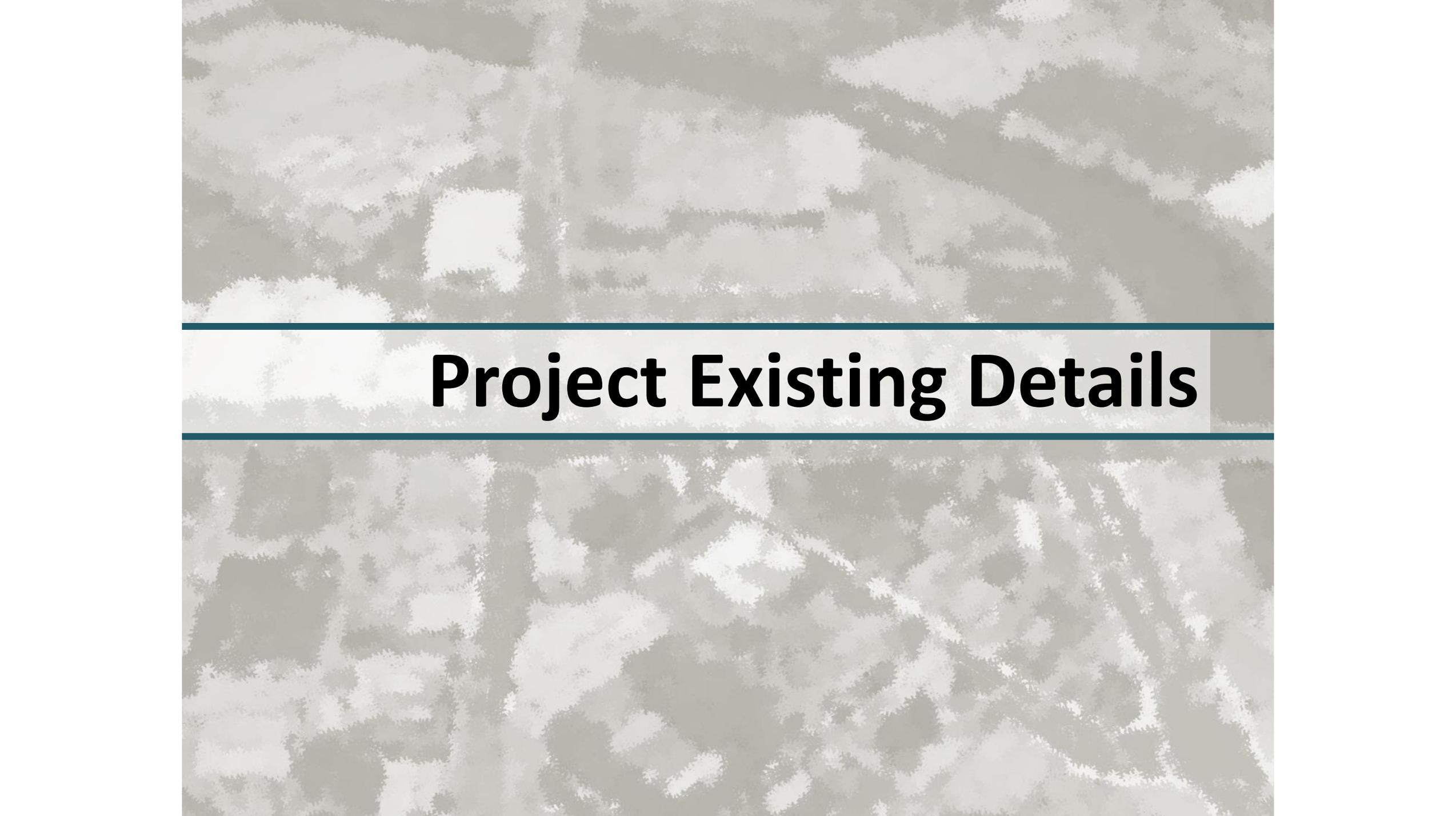
(Kennedy Expressway to Cleveland Avenue)

Meeting Agenda

- 4:00 – 4:30 pm: Exhibits on display
- 4:30 – 5:00 pm: Formal presentation
- 5:00 – 5:30 pm: Q&A Session

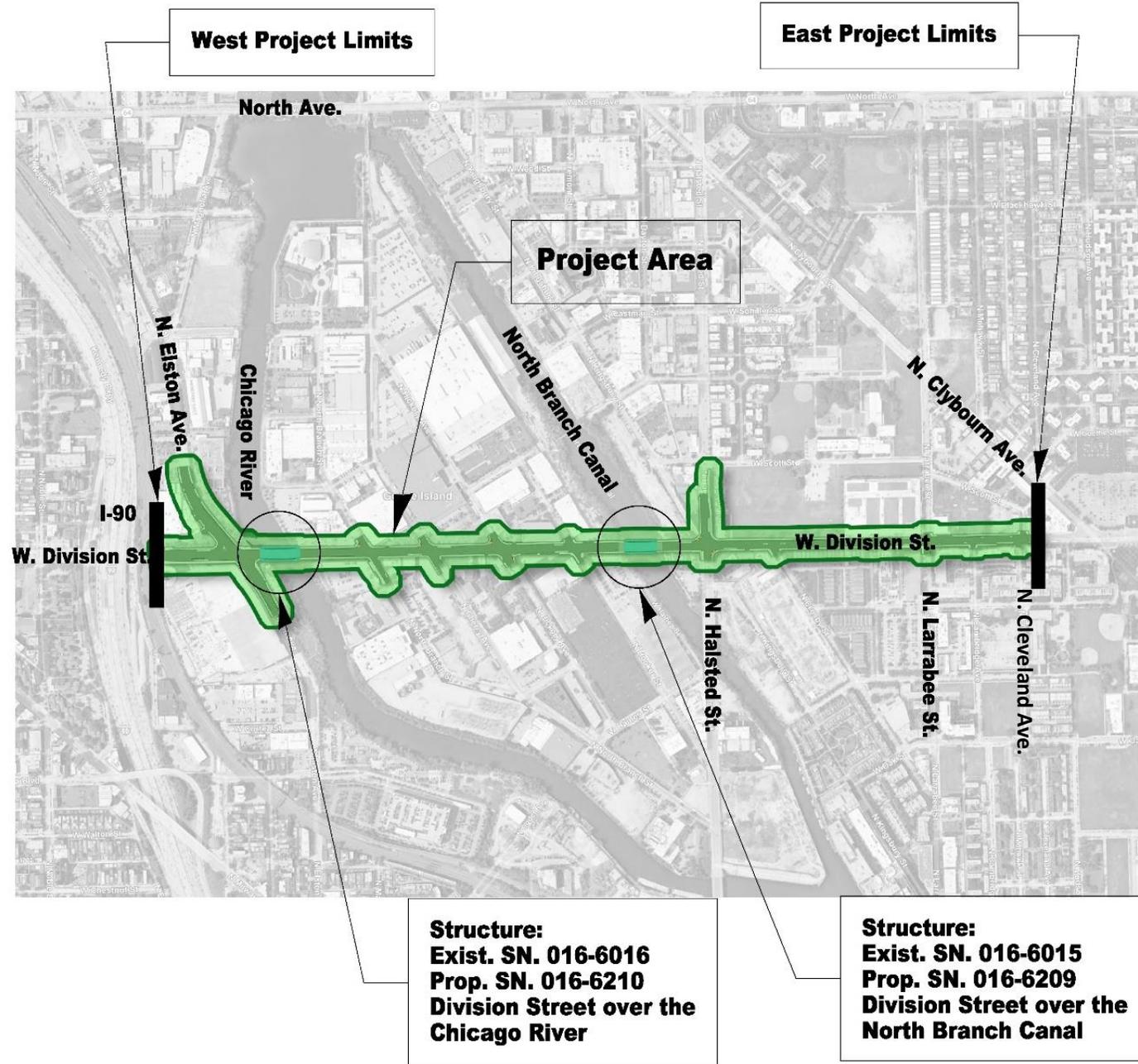
Meeting Agenda

- 4:00 – 4:30 pm: Exhibits on display
- 4:30 – 5:00 pm: Formal presentation
- 5:00 – 5:30 pm: Questions and Comments
- Place written comment cards in the Comment Box
- Email or mail additional comments by 4/26/2024



Project Existing Details

Project Location



Existing Division Street Bridge Over the North Branch of the Chicago River

Existing Division River Bridge

- Historic bascule bridge constructed in 1904.
- Double-leaf, trunnion bascule bridge with three lines of thru-Pratt trusses.
- The bridge has not opened for maritime river traffic since the early 1980's.
- The bridge superstructure is in poor condition with advanced deterioration.
- While not structurally deficient, the existing bridge cannot meet the demands of the existing and projected traffic volumes and has become functionally obsolete.



Division Street River Bridge Looking South

Existing Division Street Bridge Over the North Branch of the Chicago River



Division Street River Bridge Looking North (Circa 1919)



Division Street River Bridge Looking Northwest

Existing Division Street Bridge Over the North Branch of the Chicago River



Division Street River Bridge Looking East
Center Truss Restricts Traffic to a Single Lane



Division Street River Bridge Looking West
Center Truss Restricts Traffic to a Single Lane

Existing Division Street Bridge Over the North Branch Canal

Existing Division Canal Bridge

- Historic bascule bridge constructed in 1903.
- Double-leaf, trunnion bascule bridge with three lines of thru-Pratt trusses.
- Due to safety and structural integrity concerns, the bridge was closed to traffic in 2014.
- The existing bascule bridge superstructure was removed, modifications made to the foundations and piers, and a temporary bridge installed to allow Division Street to re-open to traffic.



Division Street Canal Bridge Looking South

Existing Division Street Bridge Over the North Branch Canal



Division Street Canal Bridge Looking Southwest
Temporary Bridge Installation (2014)



Division Street Canal Bridge Looking East
Temporary Bridge (2014)



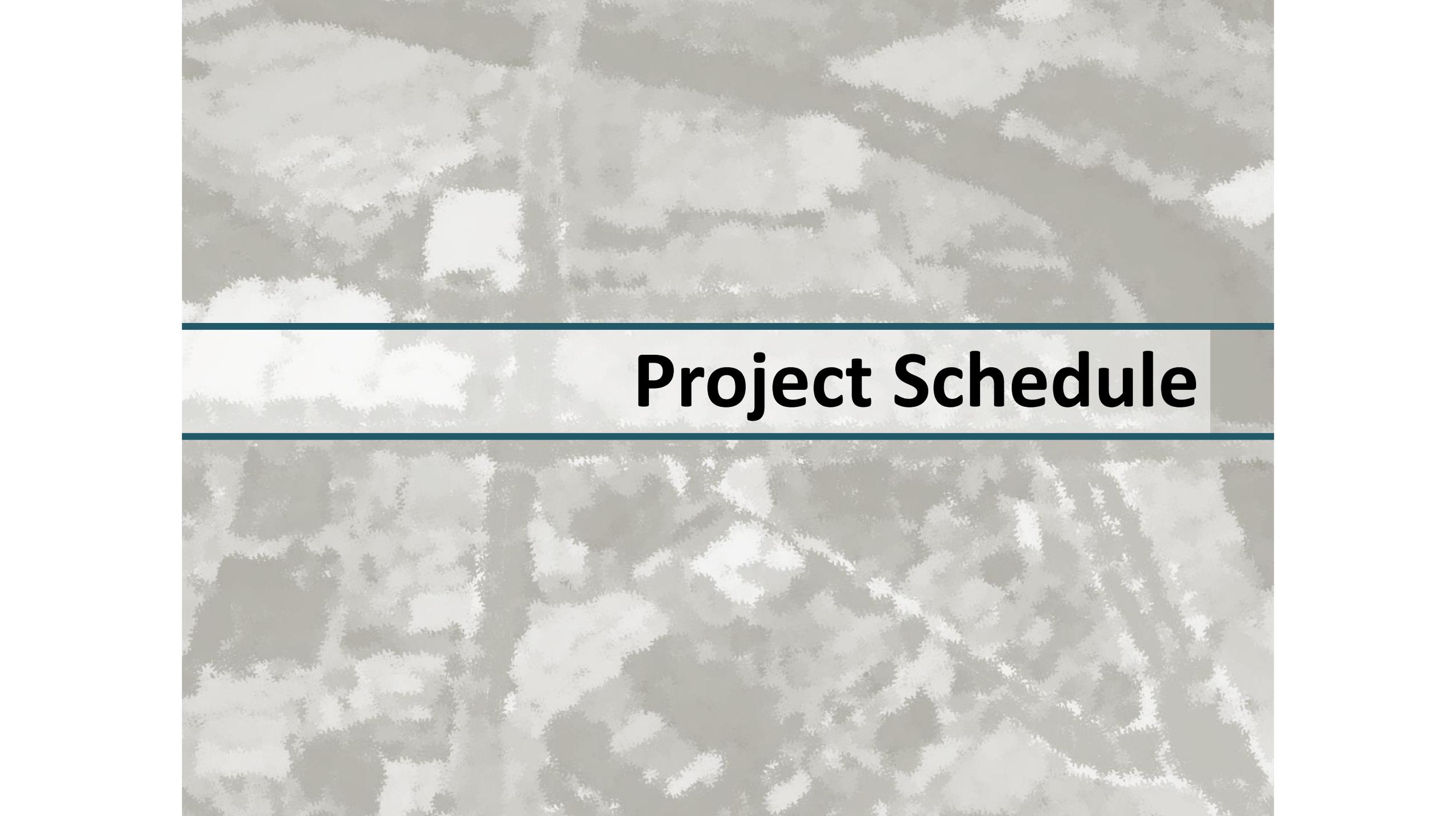
Division Street Canal Bridge Looking West
Temporary Bridge (2014)

Existing Conditions & Observations

Existing Corridor Observations

- Congestion and Safety Issues across Goose Island
Caused by:
 - Single-lane bridges
 - Narrow/substandard roadway and bridge widths
 - Center truss located between traffic lanes
 - Forced merge at Division River Bridge
 - Lack of left turn lanes
 - On-street parking (rush hour restricted)
 - Multi-Way Stop Condition at Cherry Avenue
 - Sharp skew of intersecting side streets
 - Limited access points onto Goose Island
 - Close proximity of the Division River Bridge and the Elston intersection

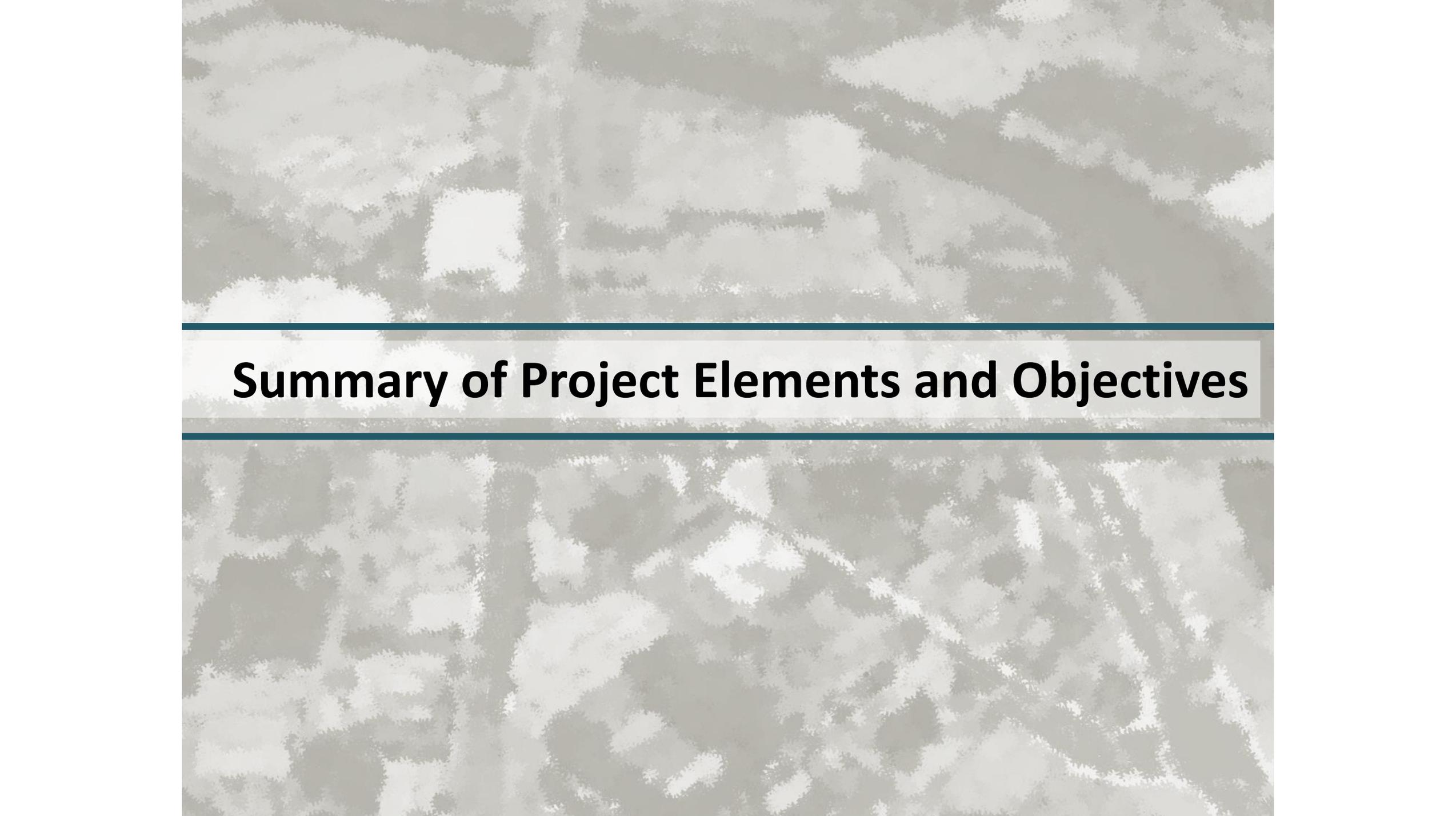




Project Schedule

Project Phases and Schedule





Summary of Project Elements and Objectives

Proposed Improvements



Main Project Elements and Project Benefits:

- Replace the existing two bridges with arch bridges
- Replace existing retaining walls
- Roadway improvement from I-90 to Cleveland Avenue
- Roadway widening by 4 to 6 feet (on the north side of Division)
- Traffic signals modernization (at 4 intersections)
- New traffic signal at Hickory Avenue
- Added capacity and signal timing improvements
- Improve traffic flow for all modes of transportation
- Turning movements onto side streets will be improved
- New dedicated bike lanes
- Street lighting replacement with LED
- Landscaping Enhancements
- Accommodation for a future riverwalk under the new bridges

Overall Project Objectives



- Address the deteriorated condition of the existing functionally obsolete **bridges**.
- Improve **traffic flow** and address congestion created by the existing single-lane bridges.
- **Improve access** to the businesses and properties across Goose Island and along the corridor.
- Improve vehicular and **pedestrian** access and **safety**.
- **Improve transit/bus operations** along the corridor.
- Provide **bicycle accommodations** along the corridor.

Safety Improvements

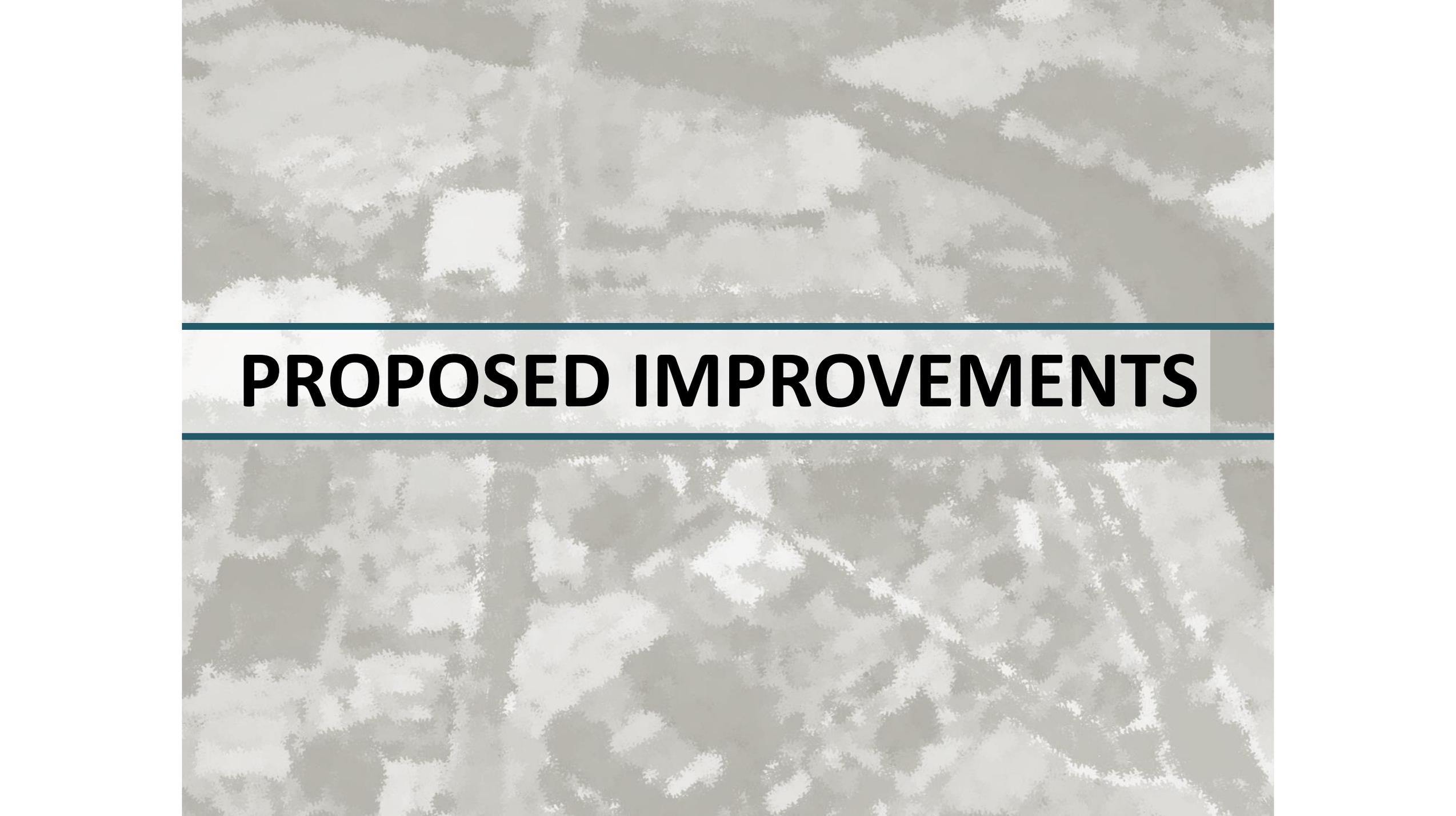


- Wider bridges
- New LED streetlights
- Replacement of the Division River bridge eliminates the existing center truss between traffic lanes which is a safety issue and source of numerous crashes.
- The addition of left turn lanes across Goose Island and added capacity reduces congestion along the corridor which is a source of numerous rear-end and sideswipe crashes.

Aesthetics Improvements



- New arch bridges
- Bridge lighting
- LED streetlighting
- Landscaping



PROPOSED IMPROVEMENTS

Project Purpose and Need



- Address the deteriorated condition of the existing bridges.
- Address the operational and safety deficiencies created by the existing single-lane bridges.
- Improve traffic flow along the corridor.
- Improve vehicular and pedestrian safety along the corridor.
- Improve transit and bus operations along the corridor.
- Provide bicycle accommodations along the corridor.

Proposed Division Street Bridge Over the North Branch of the Chicago River

Proposed Division River Bridge

- Replace existing bridge with a tied arch bridge which can be raised temporarily if the need arises.
- Provides additional traffic and bike lanes on the bridge.
- Designed to accommodate a future riverwalk.
- The bridge can be raised to a 40' vertical clearance via a jacking system, as required by the U.S. Coast Guard.
- The jacking system will be brought out at the time the bridge needs to be lifted.

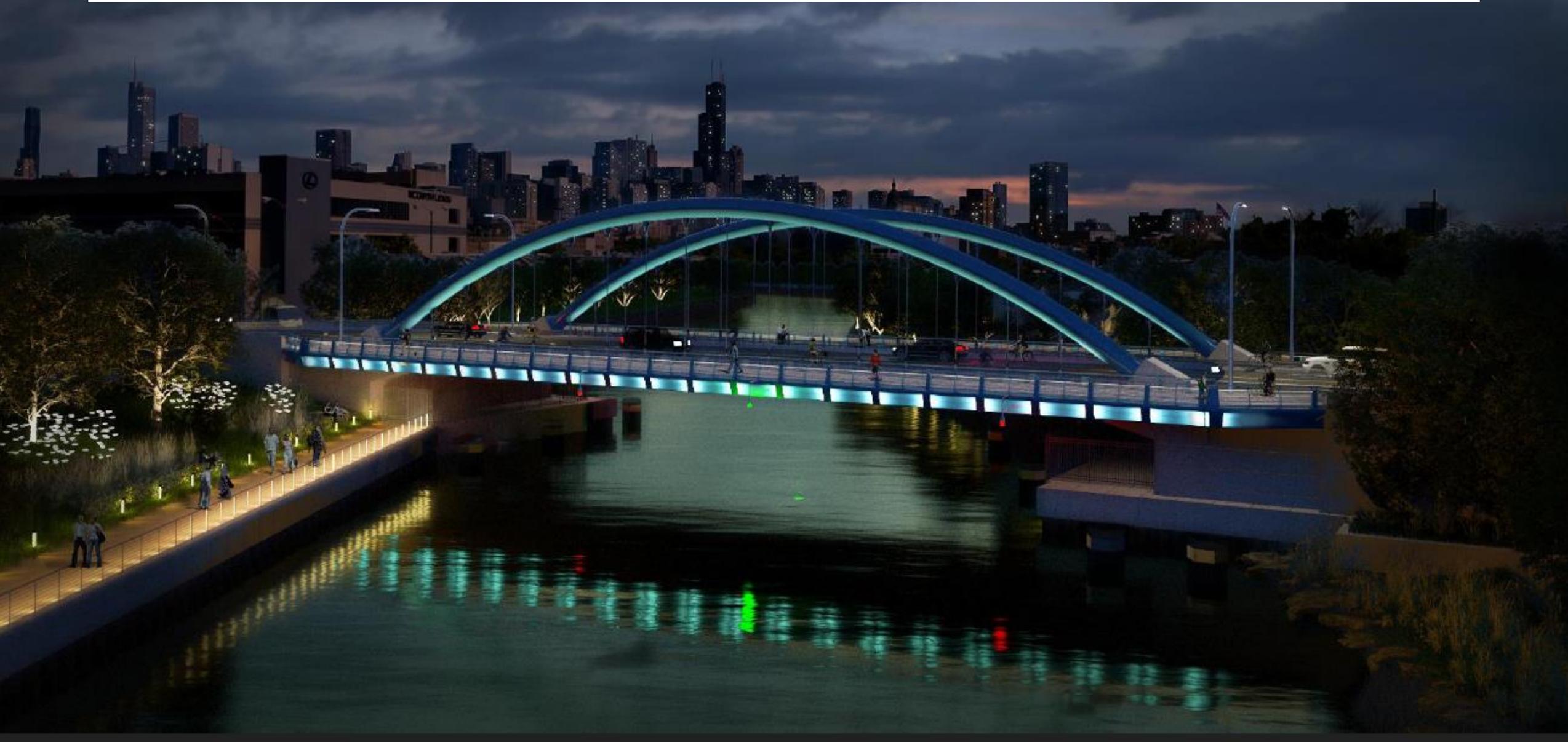


Proposed Division Street River Bridge Looking South

Proposed Division Street Bridge Over the North Branch of the Chicago River



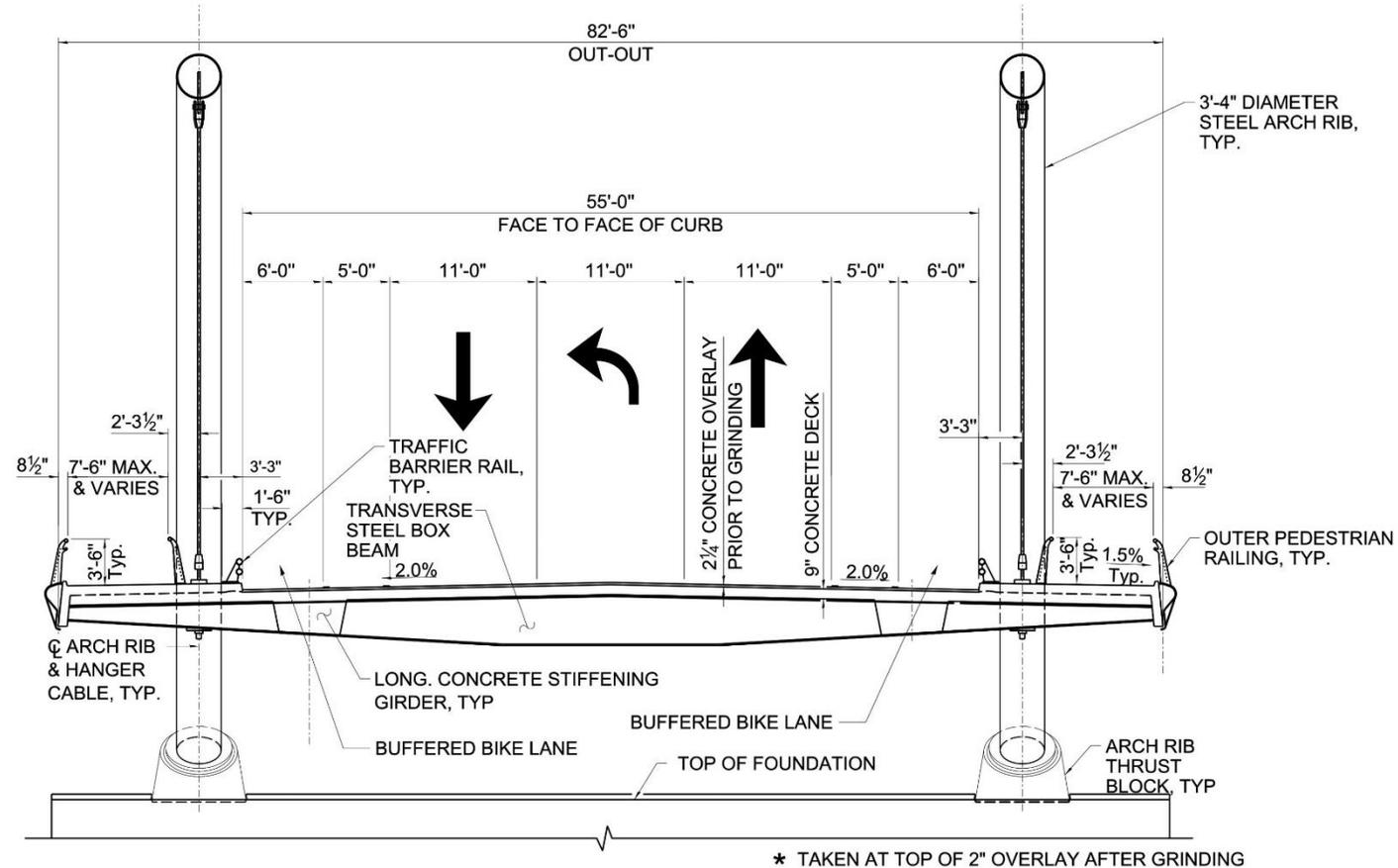
Proposed Division Street Bridge Over the North Branch of the Chicago River



Proposed Division Street Bridge Over the North Branch Canal

Proposed Division Canal Bridge

- Replace existing bridge with a thrust arch bridge.
- Provides additional traffic and bike lanes on the bridge.
- Designed to accommodate a future riverwalk.



DIVISION STREET OVER THE NORTH BRANCH CANAL

TYPICAL SECTION ARCH SPAN

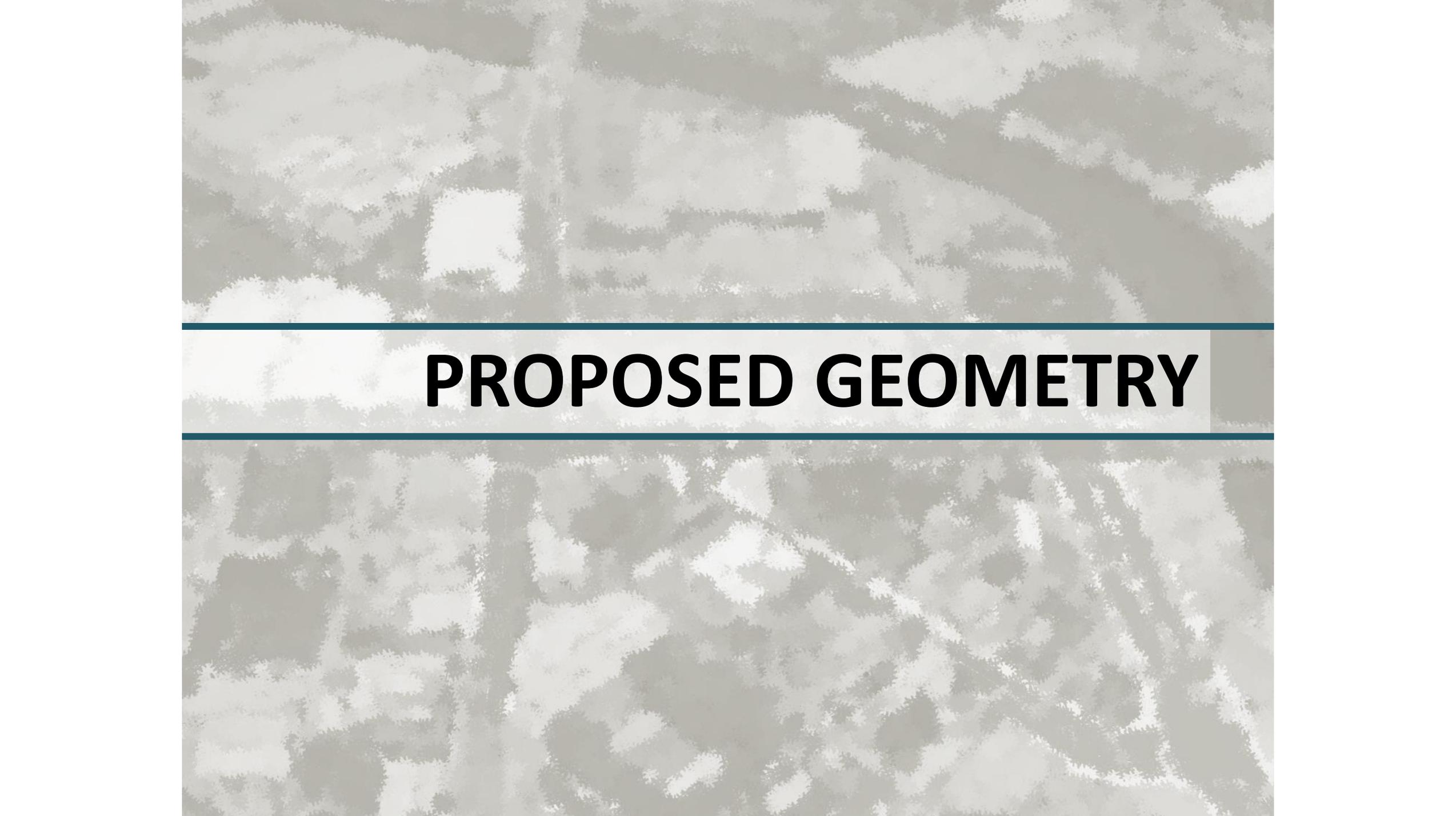
SECTION D-D

Proposed Division Street Bridge Over the North Branch Canal



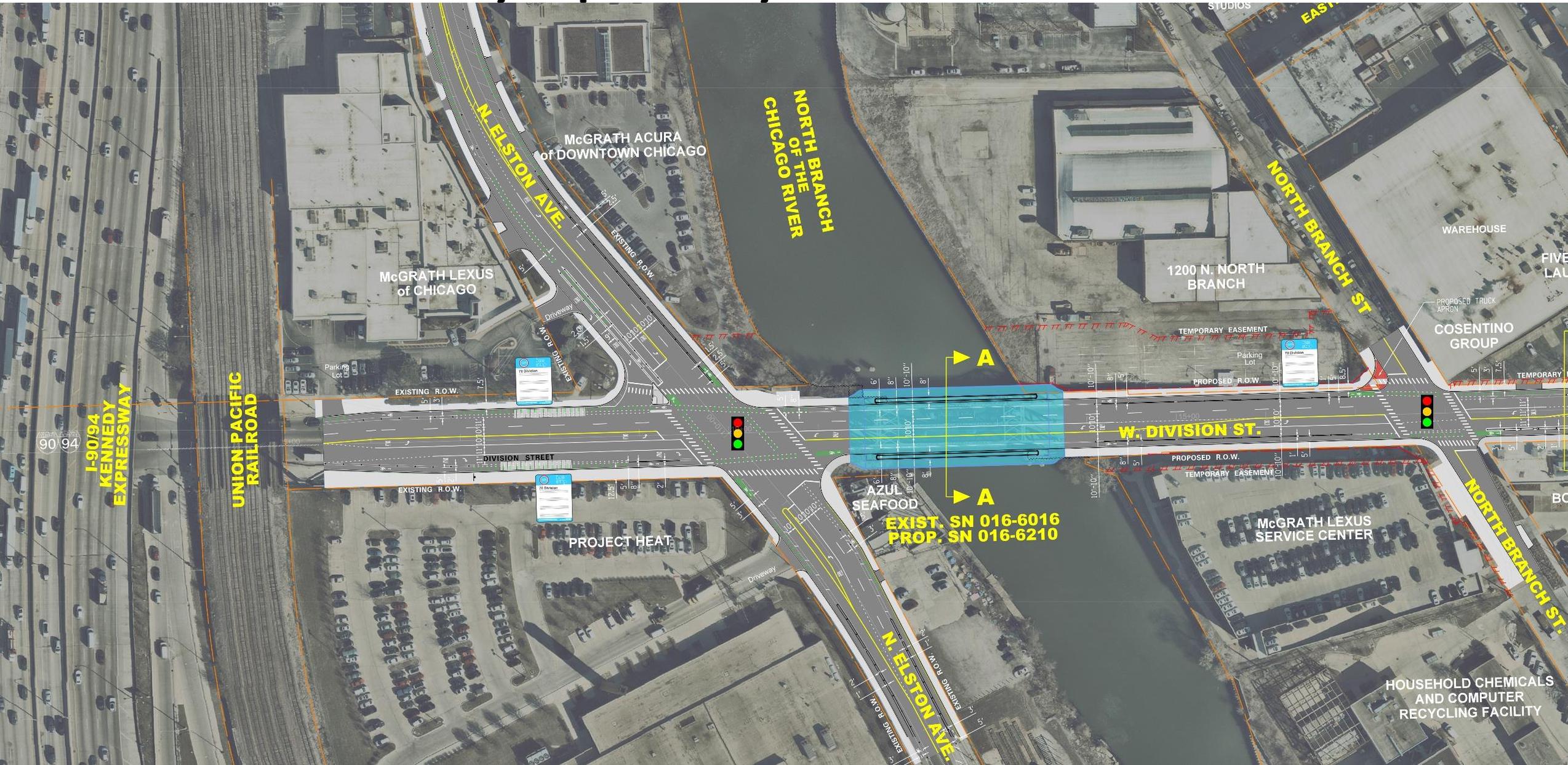
Proposed Division Street Bridge Over the North Branch Canal





PROPOSED GEOMETRY

Division Street Kennedy Expressway to North Branch Street



Division Street and Elston Avenue Intersection

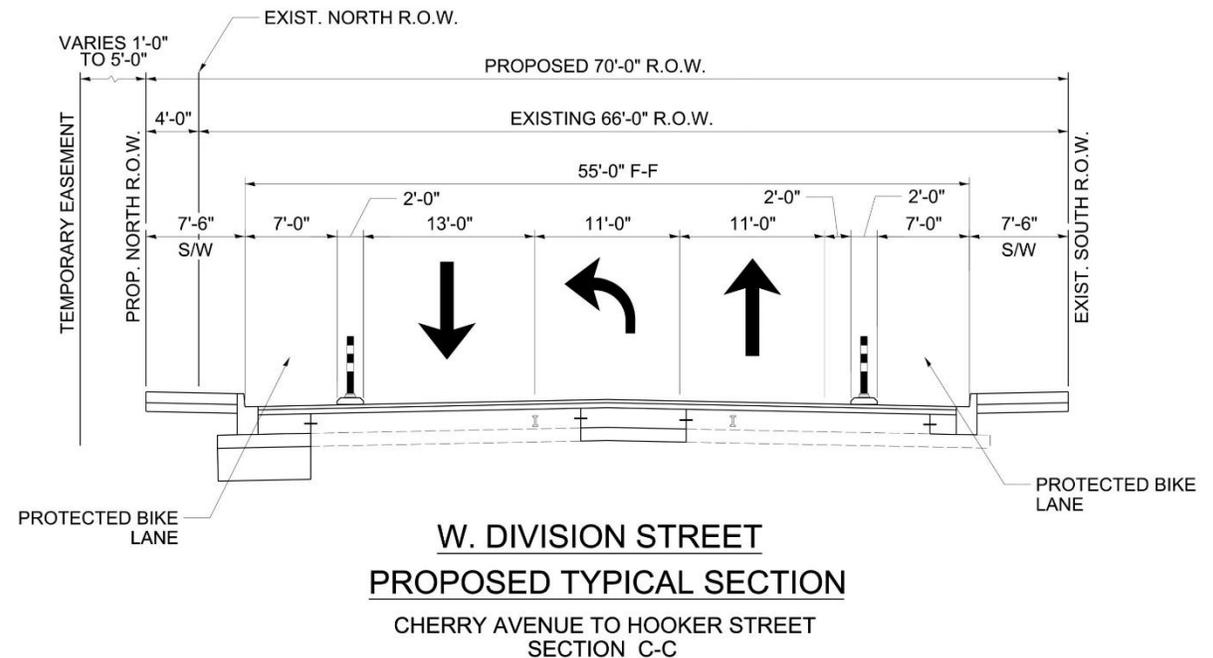
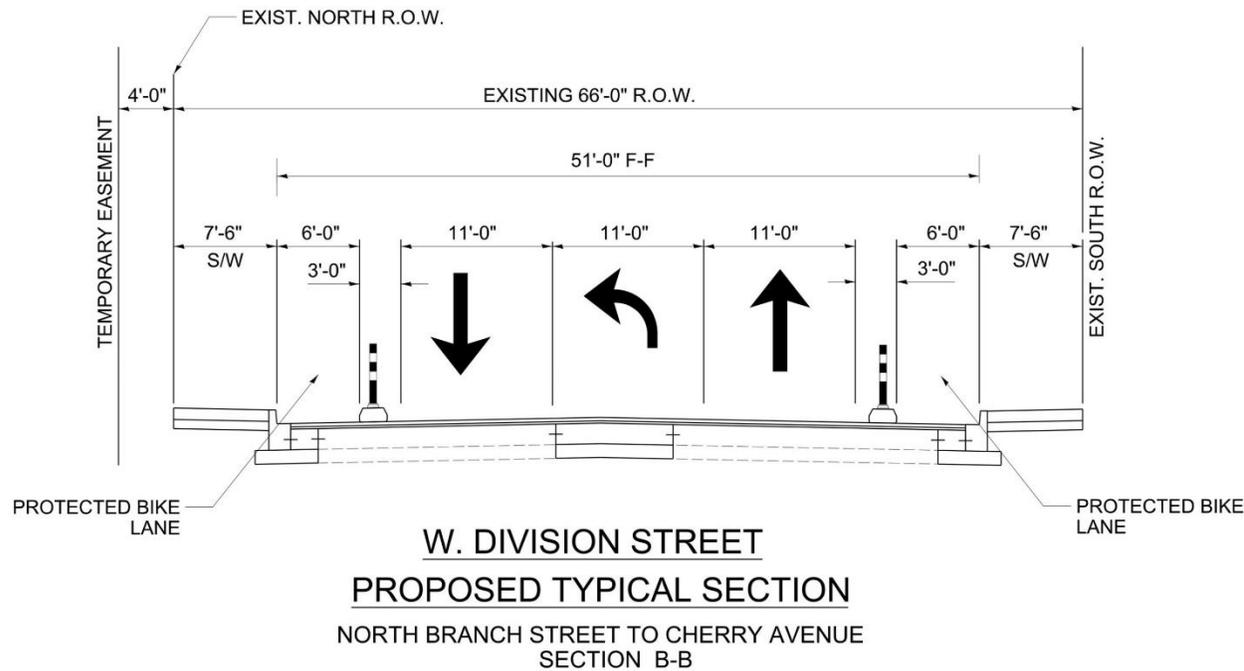


Division Street North Branch Street to Hooker Street



Division Street

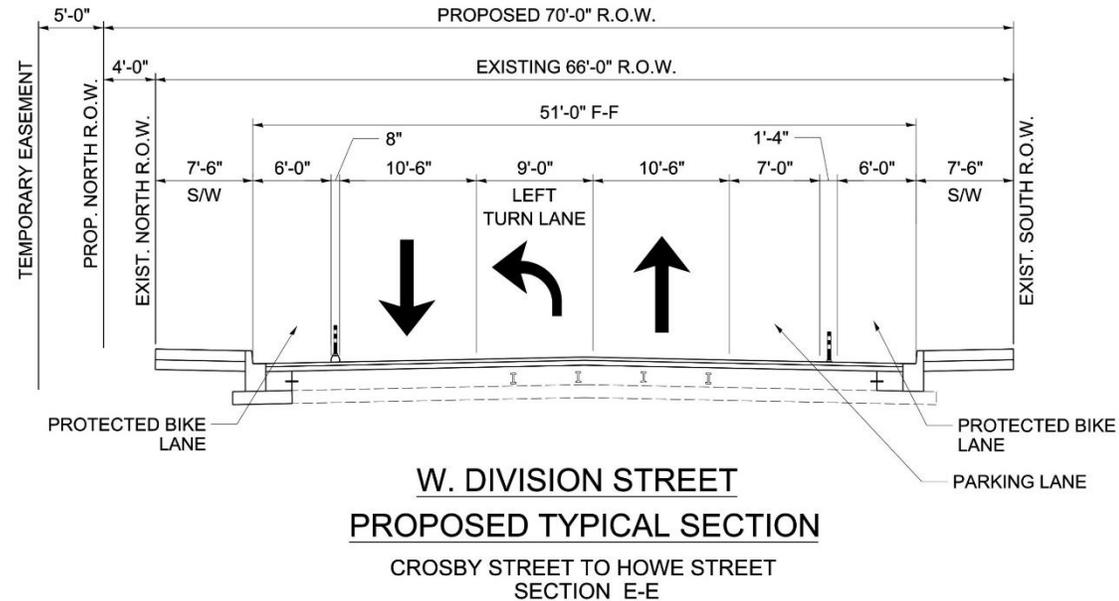
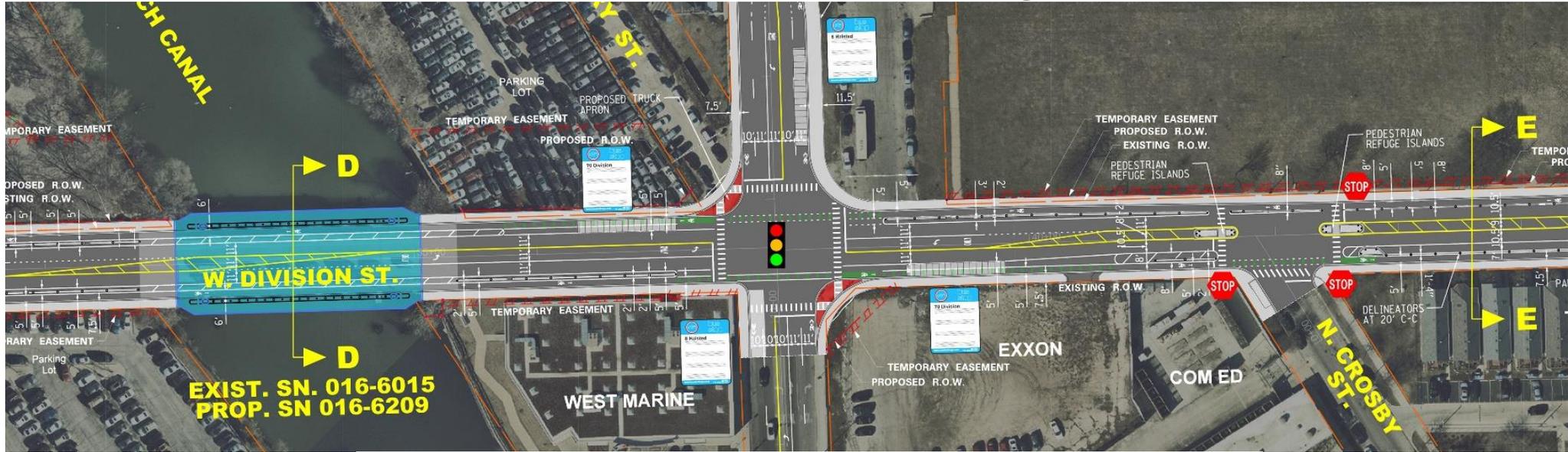
North Branch Street to Hooker Street



Division Street Hooker Street to Crosby Street



Division Street Hooker Street to Crosby Street



Division Street Crosby Street to Clybourn Avenue



Division Street – Traffic Signal Improvements



EXISTING CONFIGURATION



PROPOSED CONFIGURATION

LEGEND



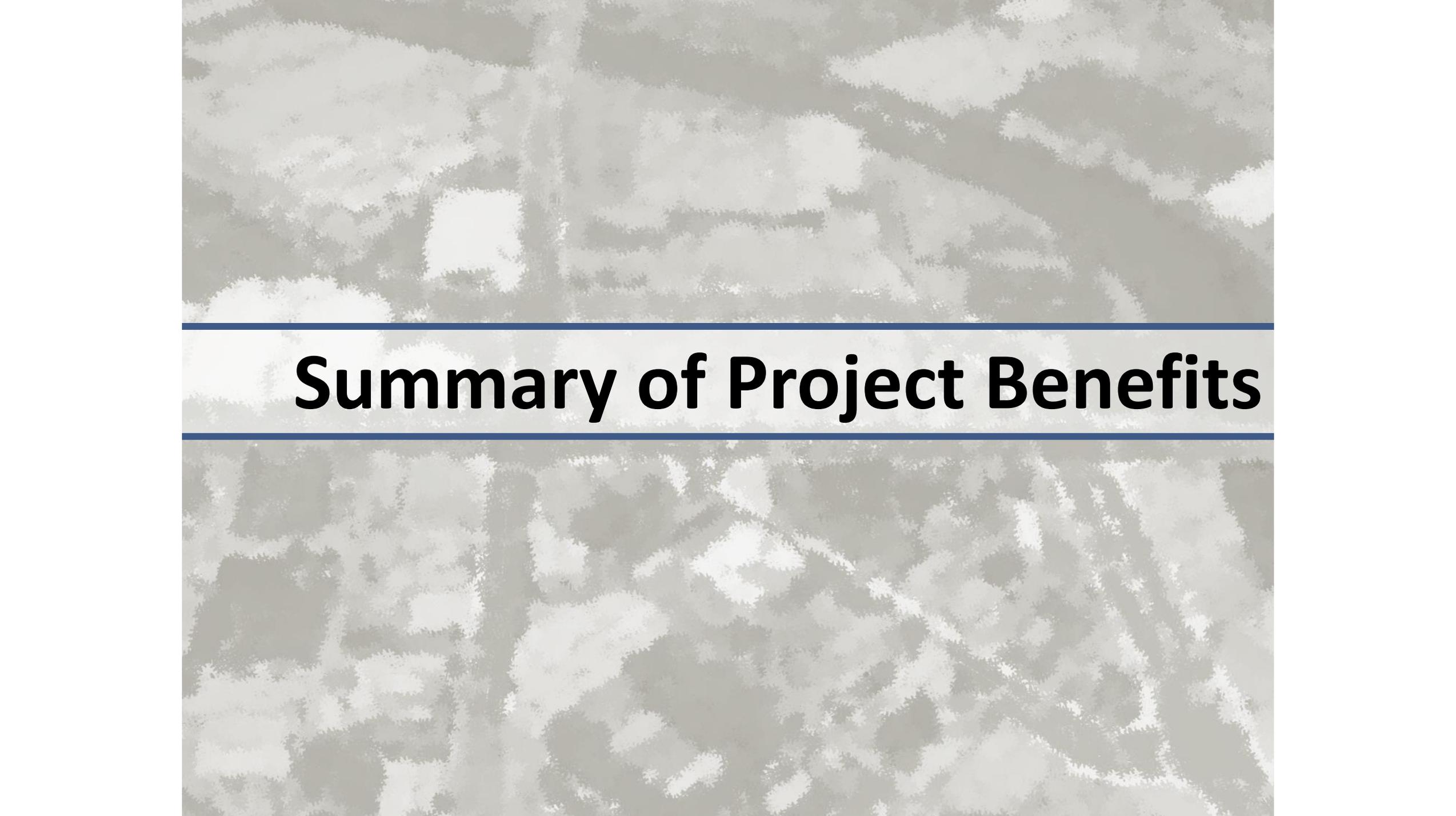
Existing Signaled Intersection



Proposed/Modernized Signaled Intersection



STOP SIGN



Summary of Project Benefits

Vehicle/Truck Traffic Benefits



Traffic Improvements and Benefits:

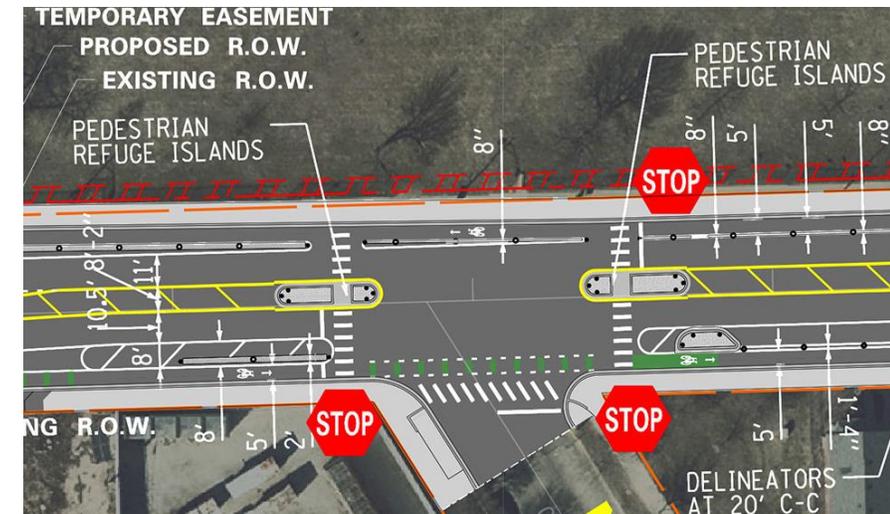
- Replacement of the existing bridges allows for additional traffic lanes and intersection improvements.
- Modernized and Interconnected traffic signals between Elston and Halsted.
- Removal of existing 4-way stop condition at Cherry Avenue .
- Installation of a new traffic signal at Hickory Avenue.
- Added capacity and signal timing improvements at Division/Elston & Division/Halsted.
- Installation of left turn lanes across Goose Island.
- Removal of on-street parking across Goose Island.
- Installation of truck aprons.
- New LED streetlights

Pedestrian Benefits



Pedestrian Improvements and Benefits:

- All traffic signals to be modernized and include pedestrian countdown signals.
- Installation of Accessible Pedestrian Signals.
- Installation of crosswalks and curb ramps in accordance with the Americans with Disabilities Act (ADA) requirements.
- Wider sidewalks where possible.
- Pedestrian refuge islands at Division and Crosby to improve safety.
- Reduced crosswalk distances where possible.



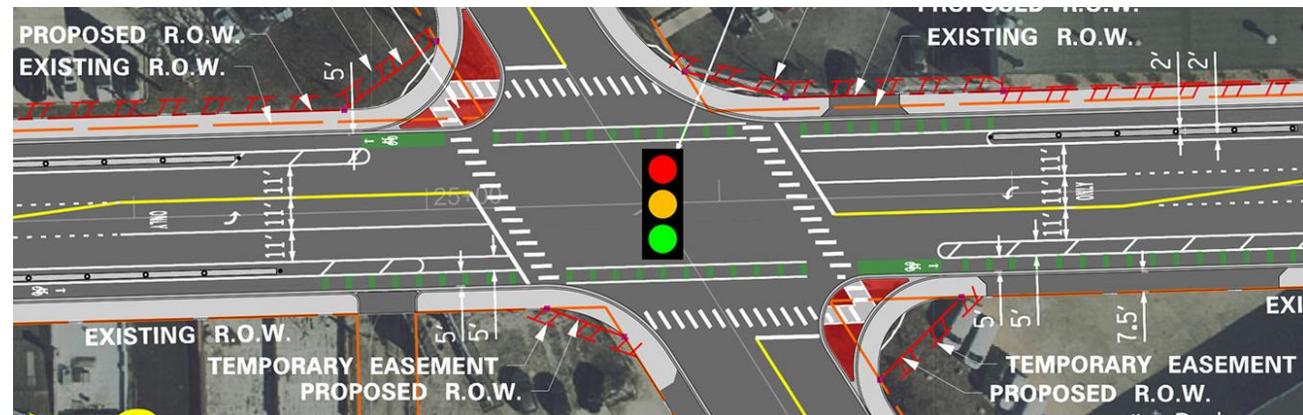
Pedestrian Refuge Islands

Bicycle Benefits



Bicycle Improvements and Benefits:

- Dedicated bike lanes along the project corridor.
- Division bike lanes connect to the bike corridors along Orleans/Clybourn, Halsted and Elston.
- Installation of buffered or protected bike lanes along the project corridor.
- Pavement markings with bike symbols and arrows delineate bike lanes.
- Green colored pavement markings within the bike lane increases visibility of the facility, identifies potential areas of conflict and reinforces priority to bicyclists.
- Bicycle pavement markings provided across intersections to delineate the path of bicycles and vehicles.



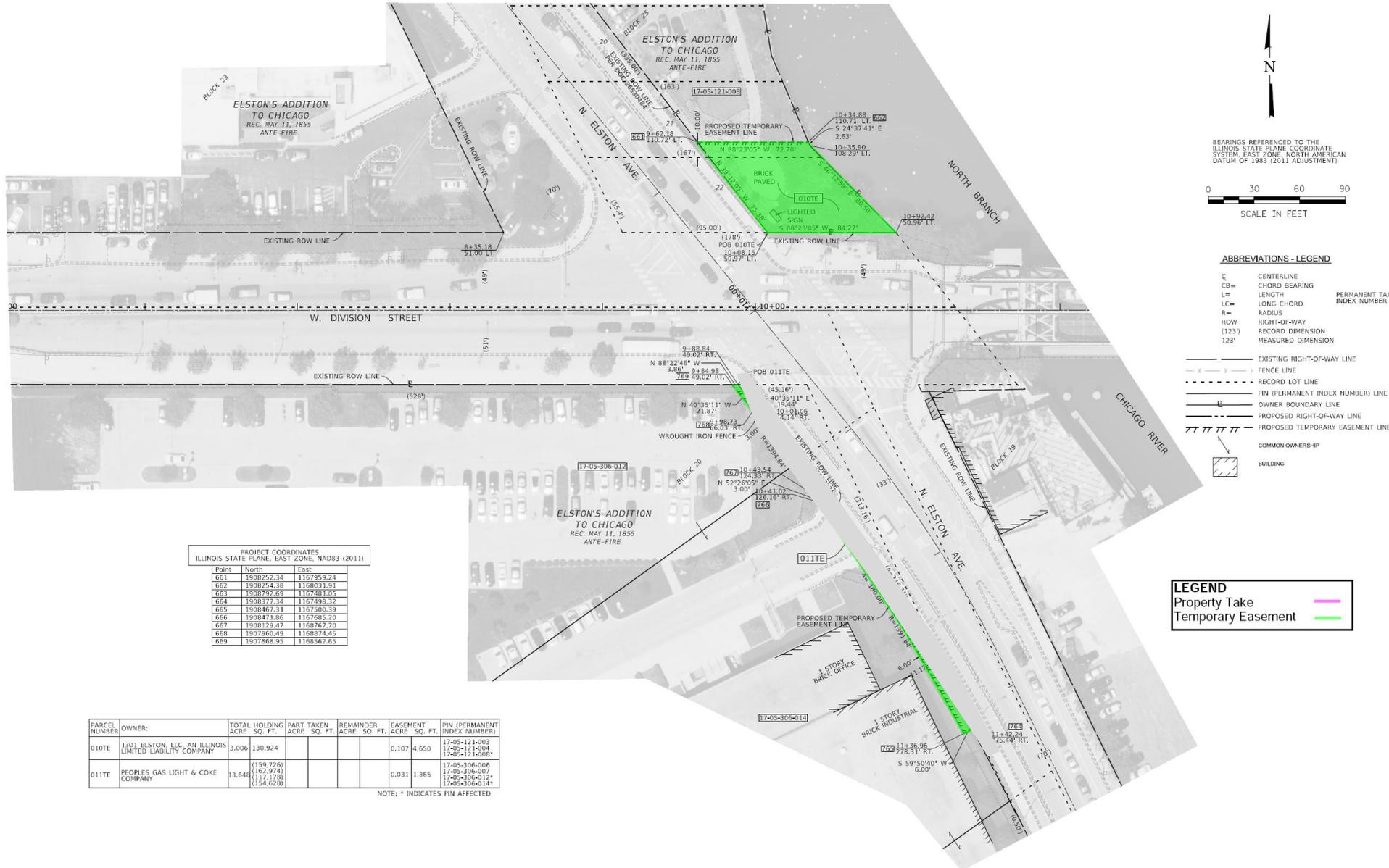
Bike Lanes Delineated with Pavement Markings Through Intersections



PROPERTIES ACQUIRED

Properties Acquired

PART OF SECTION 5, TOWNSHIP 39 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, ILLINOIS.



BEARINGS REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT)

0 30 60 90
SCALE IN FEET

- ABBREVIATIONS - LEGEND**
- C= CENTERLINE
 - CB= CHORD BEARING
 - L= LENGTH
 - LC= LONG CHORD
 - R= RADIUS
 - ROW= RIGHT-OF-WAY
 - (123') RECORD DIMENSION
 - 123' MEASURED DIMENSION
 - EXISTING RIGHT-OF-WAY LINE
 - - - FENCE LINE
 - - - RECORD LOT LINE
 - - - PIN (PERMANENT INDEX NUMBER) LINE
 - - - OWNER BOUNDARY LINE
 - - - PROPOSED RIGHT-OF-WAY LINE
 - - - PROPOSED TEMPORARY EASEMENT LINE
 - COMMON OWNERSHIP
 - ▭ BUILDING

- LEGEND**
- Property Take
 - Temporary Easement

PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

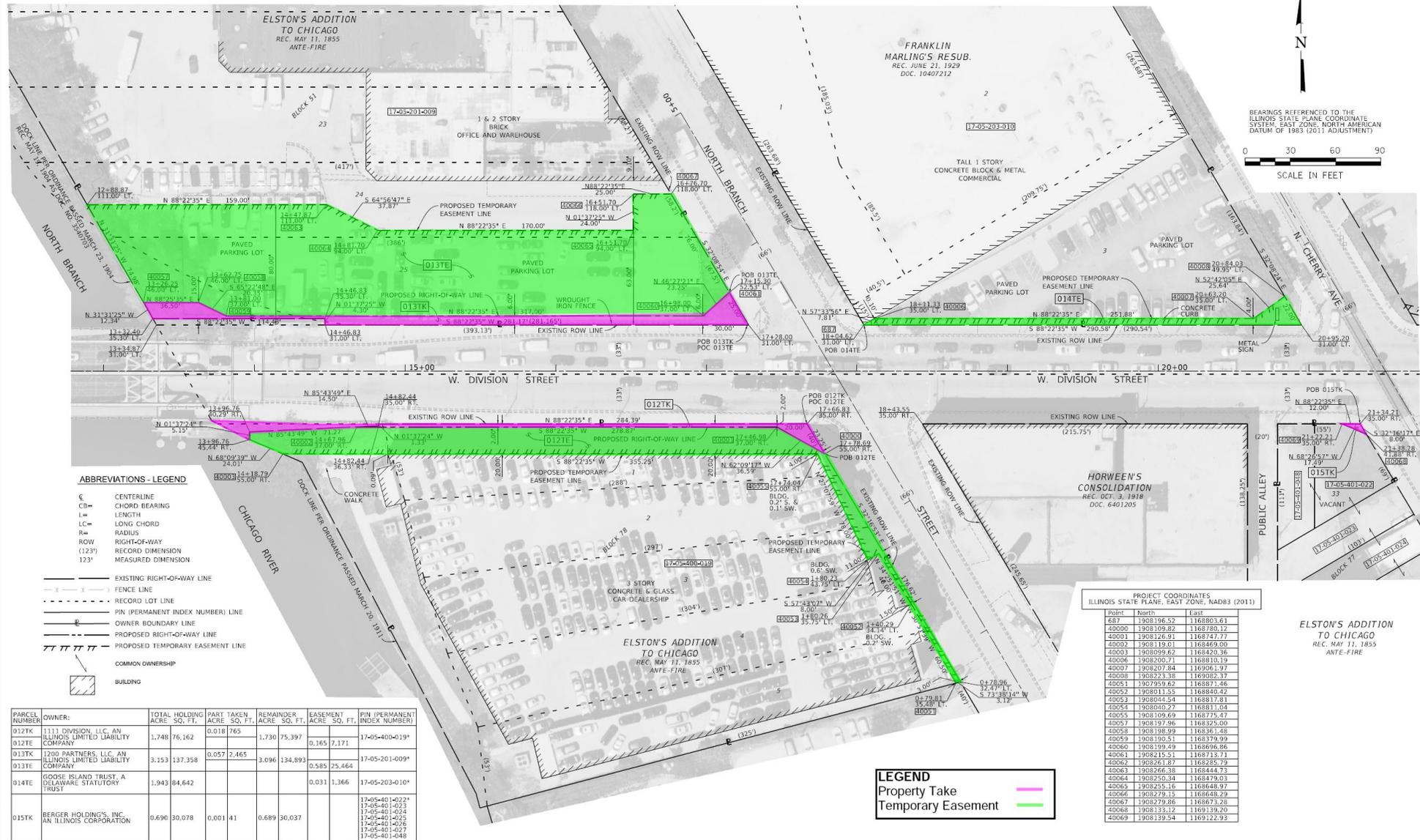
Point	North	East
661	1908252.34	1167959.24
662	1908254.38	1168031.91
663	1908792.69	1167481.05
664	1908372.34	1167496.32
665	1908467.31	1167500.39
666	1908471.86	1167685.20
667	1908129.47	1168762.70
668	1907960.49	1168974.45
669	1907868.95	1168562.65

PARCEL NUMBER	OWNER:	TOTAL HOLDING ACRE SQ. FT.	PART TAKEN ACRE SQ. FT.	REMAINDER ACRE SQ. FT.	EASEMENT ACRE SQ. FT.	PIN (PERMANENT INDEX NUMBER)
010TE	1301 ELSTON, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	3.006 130,924			0.107 4,650	17-05-121-003 17-05-121-004 17-05-121-008*
011TE	PEOPLES GAS LIGHT & COKE COMPANY	13.648 (159,726) (162,374) (117,178) (154,628)			0.031 1,365	17-05-306-006 17-05-306-007 17-05-306-012* 17-05-306-014

NOTE: * INDICATES PIN AFFECTED

Properties Acquired

PART OF SECTION 5, TOWNSHIP 39 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, ILLINOIS.



ABBREVIATIONS - LEGEND

⊕	CENTERLINE
CB=	CHORD BEARING
L=	LENGTH
LC=	LONG CHORD
R=	RADIUS
ROW	RIGHT-OF-WAY
(123)	RECORD DIMENSION
123'	MEASURED DIMENSION
---	EXISTING RIGHT-OF-WAY LINE
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- · - · -	PROPOSED TEMPORARY EASEMENT LINE
▨	COMMON OWNERSHIP
▧	BUILDING

PARCEL NUMBER	OWNER	TOTAL ACRES	TOTAL SQ. FT.	PART TAKEN ACRES	REMAINDER ACRES	EASEMENT SQ. FT.	PIN (PERMANENT INDEX NUMBER)
O12TK	1111 DIVISION, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	1.748	76,162	0.018	1.730	75,397	17-05-200-019*
O13TK	1200 PARTNERS, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	3.153	137,358	0.057	3.096	134,893	17-05-201-009*
O14TE	GOODE ISLAND TRUST, A DELAWARE STATUTORY TRUST	1.943	84,642				17-05-203-010*
O15TK	BERGER HOLDINGS, INC. AN ILLINOIS CORPORATION	0.690	30,078	0.001	0.689	30,037	

NOTES: * INDICATES PIN AFFECTED

PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

POINT	NORTH	EAST
687	1908196.52	1168803.61
40000	1908109.82	1168780.12
40001	1908126.91	1168777.77
40002	1908119.01	1168469.00
40003	1908099.62	1168420.36
40006	1908000.71	1168810.19
40007	1908207.84	1169061.97
40008	1908223.38	1169082.37
40051	1907959.62	1168871.46
40052	1908011.55	1168840.42
40053	1908044.54	1168817.81
40054	1908040.27	1168811.04
40055	1908109.49	1168735.47
40057	1908197.96	1168325.00
40058	1908198.99	1168361.48
40059	1908190.51	1168379.99
40060	1908199.49	1168696.86
40061	1908215.51	1168713.71
40062	1908051.87	1168265.79
40063	1908266.38	1168444.73
40064	1908250.34	1168479.03
40065	1908255.16	1168648.97
40066	1908279.15	1168648.29
40067	1908279.86	1168673.28
40068	1908133.12	1169139.20
40069	1908139.54	1169122.93

LEGEND

▨	Property Take
▨	Temporary Easement

AMERICAN SURVEYING & ENGINEERING, P.C.
39 N. LaSalle St., Suite 3440
Chicago, IL 60602

USER NAME:	DESIGNED BY: JD	REVISED:
PLOT SCALE:	DRAWN BY: ES	REVISED:
PLOT DATE: 3/4/2020	CHECKED BY: GB	REVISED:
	DATE: 01/24/2020	REVISED:

CHICAGO DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING

DIVISION STREET ROADWAY IMPROVEMENT
PROPOSED RIGHT-OF-WAY ACQUISITION PLAN

SCALE: 1" = 30'
SHEET 2 OF 5 SHEETS
STA. 12+00 TO STA. 21+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
87822	014-1022-R & 014-1023-R	COOK	579	24
	CONTRACT NO. E1-022 & 023	ILLINOIS	FED. AID PROJECT # 6000 155 & 154	

SUR-2

Properties Acquired

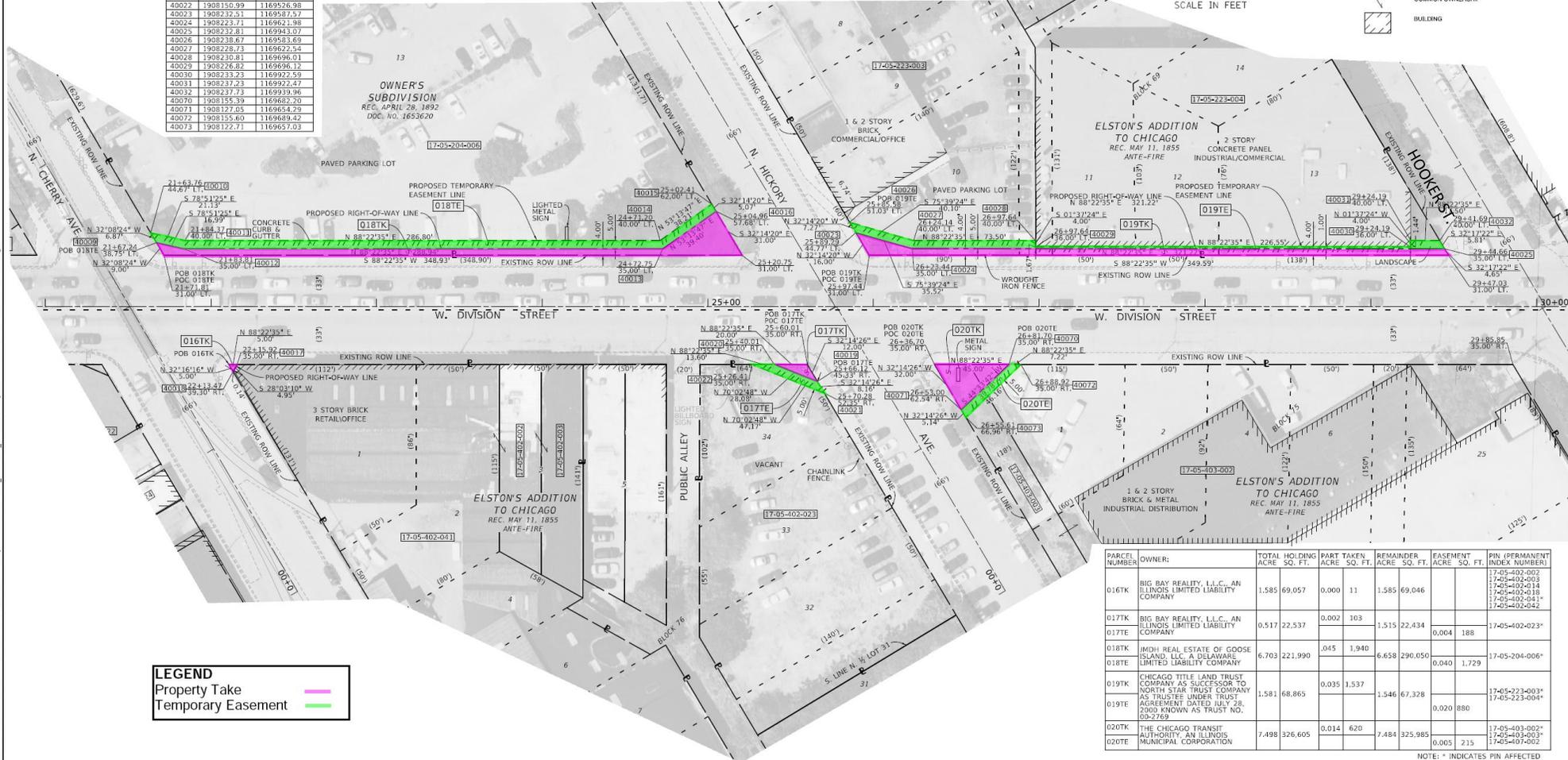
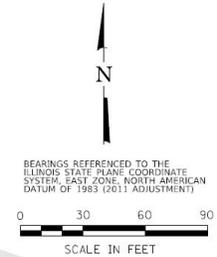
PART OF SECTION 5, TOWNSHIP 39 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, ILLINOIS.

PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

Point	North	East
40009	1908214.54	1169165.86
40010	1908220.36	1169162.11
40011	1908216.27	1169182.95
40012	1908211.26	1169182.53
40013	1908219.45	1169471.35
40014	1908224.40	1169469.63
40015	1908247.27	1169500.23
40016	1908243.03	1169502.91
40017	1908142.20	1169216.61
40018	1908137.83	1169214.28
40019	1908141.80	1169566.96
40020	1908131.38	1169440.57
40021	1908134.90	1169571.31
40022	1908150.99	1169526.98
40023	1908232.51	1169575.57
40024	1908223.71	1169621.98
40025	1908232.81	1169943.07
40026	1908238.67	1169533.69
40027	1908228.73	1169622.54
40028	1908230.81	1169696.01
40029	1908226.82	1169696.12
40030	1908233.23	1169922.59
40031	1908237.23	1169922.47
40032	1908237.73	1169939.98
40070	1908155.39	1169682.20
40071	1908127.05	1169654.29
40072	1908155.60	1169669.42
40073	1908122.71	1169657.03

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- COMMON OWNERSHIP
- BUILDING



LEGEND

Property Take	—
Temporary Easement	—

PARCEL NUMBER	OWNER	TOTAL ACRES	HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	EASEMENT ACRES	PIN (PERMANENT INDEX NUMBER)
016TK	RIG BAY REALTY, L.L.C., AN ILLINOIS LIMITED LIABILITY COMPANY	1.585	69.057	0.000	11	1.585	69.046
017TK	RIG BAY REALTY, L.L.C., AN ILLINOIS LIMITED LIABILITY COMPANY	0.517	22.537		1.515	22.434	
018TK	MDH REAL ESTATE OF GOOSE ISLAND, LLC, A DELAWARE LIMITED LIABILITY COMPANY	6.703	221.990	.045	1,940	6,658	290.050
019TK	CHICAGO TITLE LAND TRUST COMPANY AS SUCCESSOR TO NORTH STAR TRUST COMPANY AS TRUSTEE UNDER TRUST AGREEMENT DATED JULY 28, 2000 KNOWN AS TRUST NO. 00-2769	1.581	68.865	0.035	1,537	1,546	67.328
020TK	THE CHICAGO TRANSIT AUTHORITY, AN ILLINOIS MUNICIPAL CORPORATION	7.498	326.605	0.014	620	7,484	325.985

NOTE: * INDICATES PIN AFFECTED

Properties Acquired

PART OF SECTION 5, TOWNSHIP 39 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, ILLINOIS.

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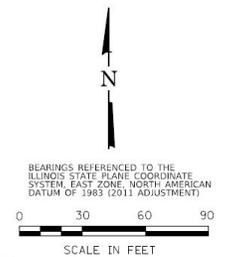
- COMMON OWNERSHIP
- BUILDINGS

PARCEL NUMBER	OWNER	TOTAL HOLDING ACRE SQ. FT.	PART TAKEN ACRE SQ. FT.	REMAINDER ACRE SQ. FT.	EASEMENT ACRE SQ. FT.	PIN (PERMANENT INDEX NUMBER)
021TE	FEDERAL EXPRESS CORPORATION	4.639 202,061			0.026 1,127	17-05-404-001* 17-05-408-003 17-05-408-004
022TK	GOOSE ISLAND TRUST, A DELAWARE STATUTORY TRUST	1.670 72,740	0.018 766	1.652 71,974	0.131 5,719	17-05-205-024* 17-05-205-029*
023TK	WASTE MANAGEMENT OF ILLINOIS, INC.	7.941 345,917	0.021 915	7.920 345,002		17-05-205-003 17-05-205-010 17-05-205-011 17-05-205-014 17-05-205-015 17-05-205-016 17-05-205-019 17-05-205-021 17-05-205-026*

NOTE: * INDICATES PIN AFFECTED

PARCEL NUMBER	OWNER	TOTAL HOLDING ACRE SQ. FT.	PART TAKEN ACRE SQ. FT.	AREA IN EXISTING ROW ACRE SQ. FT.	REMAINDER ACRE SQ. FT.	EASEMENT ACRE SQ. FT.	PIN (PERMANENT INDEX NUMBER)
024TK	800 WEST DIVISION LIMITED PARTNERSHIP, AN ILLINOIS LIMITED LIABILITY PARTNERSHIP	5.048 219,890	0.029 1,264	0.020 875	4.999 217,751	0.295 12,840	17-05-224-001 17-05-224-002 17-05-224-003 17-05-224-004 17-05-224-005*
025TK	ARCP WE CHICAGO II, LLC, A DELAWARE LIMITED LIABILITY COMPANY	1.109 48,326	0.006 241	0.006 241	1.104 48,085	0.025 1,081	17-05-405-005* 17-05-405-006*

NOTE: * INDICATES PIN AFFECTED

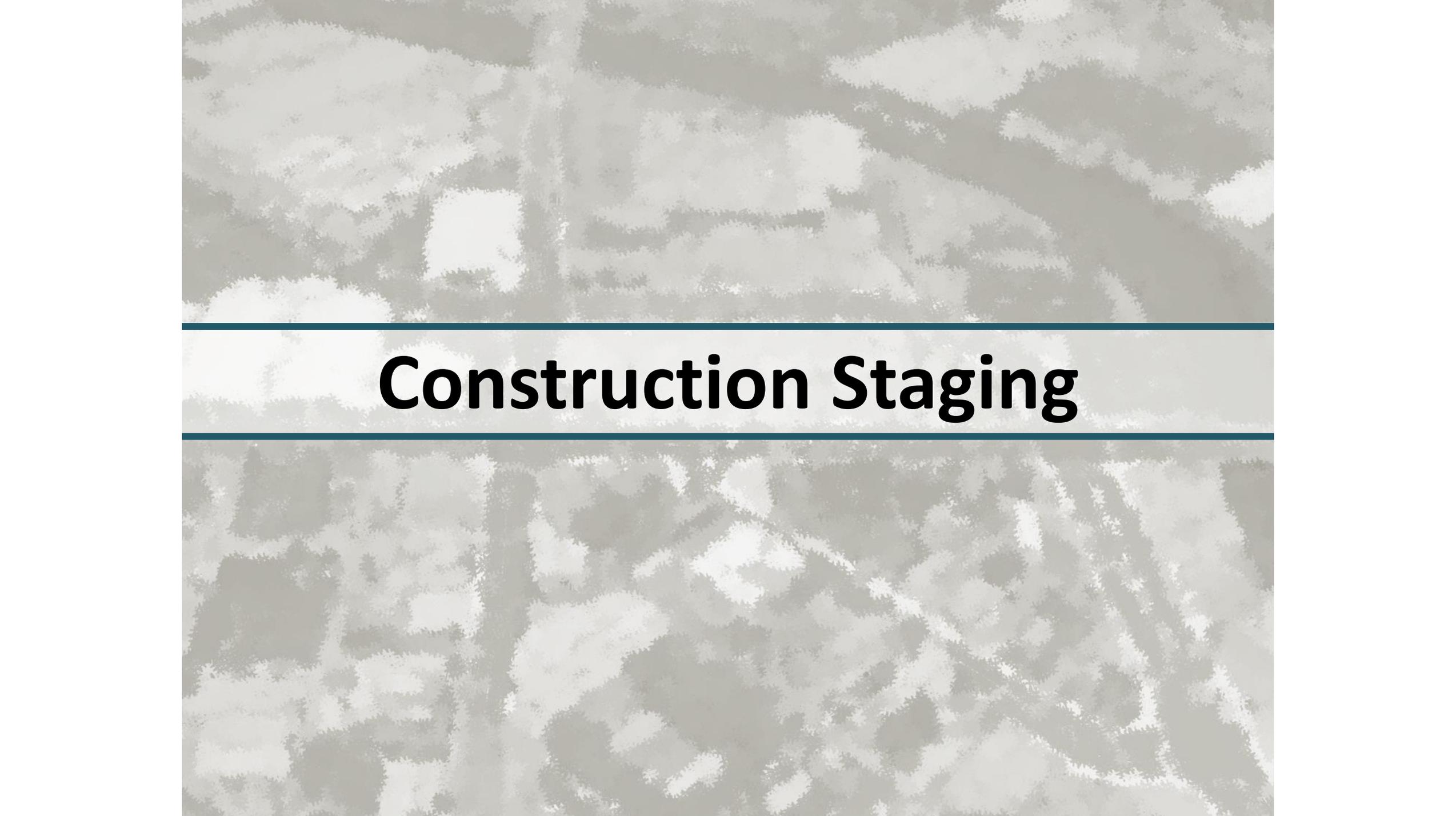


PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

Point	North	East
40033	1908167.67	1170291.75
40034	1908161.27	1170066.12
40035	1908236.95	1170019.53
40036	1908240.57	1170146.17
40037	1908253.49	1170008.08
40038	1908112.07	1170109.27
40039	1908335.69	1170138.36
40040	1908309.84	1170154.65
40041	1908112.70	1170225.16
40042	1908244.89	1170298.60
40043	1908183.50	1170762.08
40044	1908182.17	1170735.10
40045	1908179.67	1170715.17
40046	1908173.67	1170503.36
40047	1908251.69	1170538.29
40075	1908256.64	1170712.97
40076	1908268.15	1170724.42
40077	1908171.53	1170496.52
40078	1908222.00	1170669.63
40079	1908247.55	1170392.25
40084	1908179.21	1170522.39
40085	1908165.96	1170522.77
40086	1908165.57	1170508.78

LEGEND

Property Take	---
Temporary Easement	---



Construction Staging

Division Street Construction Staging

Stage 1A

- Install Sewer
- Install Temporary Bridges

Stage 1B

- Construct North Half of Roadway
- Complete Temporary Bridges

Stage 2

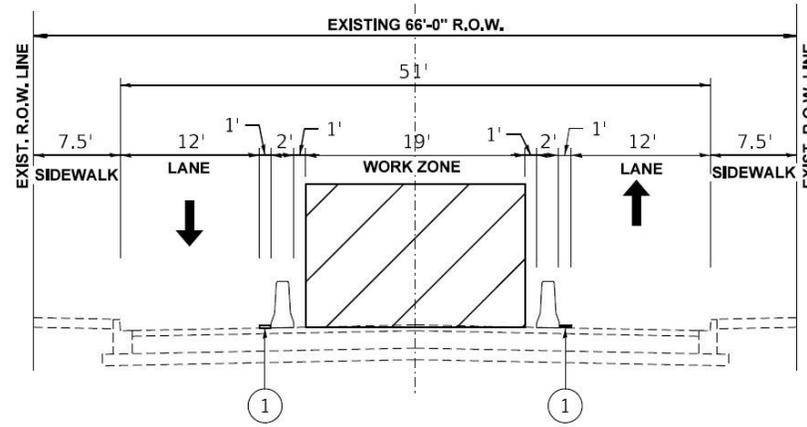
- Remove Existing Bridges
- Construct South Half of Roadway
- Construct New Bridges

Stage 3

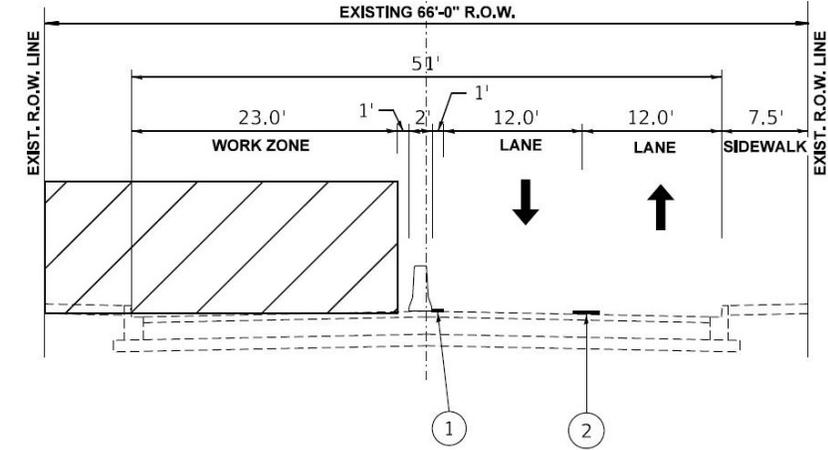
- Remove Temporary Bridges
- Construction along Elston & Halsted

Stage 4

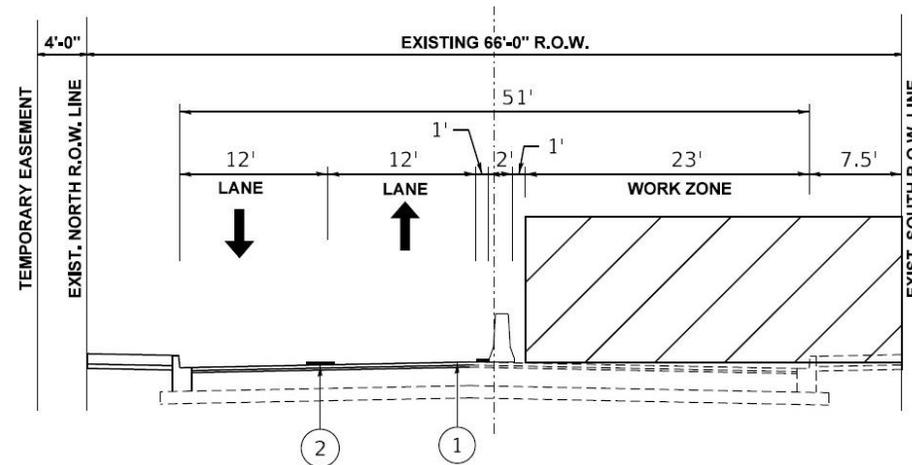
- Install bike lanes & final pavement markings



**DIVISION STREET
STAGE 1A CONSTRUCTION TYPICAL**

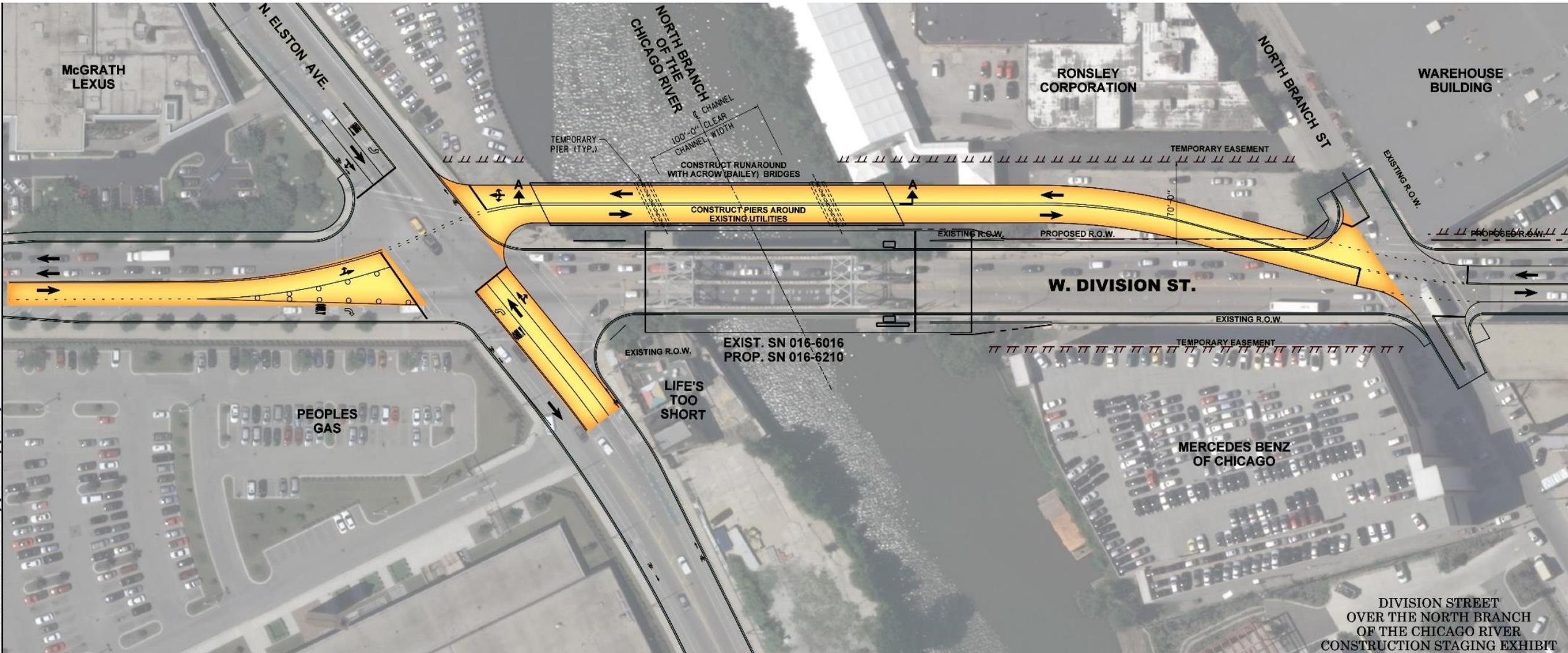


**DIVISION STREET
STAGE 1B CONSTRUCTION TYPICAL**



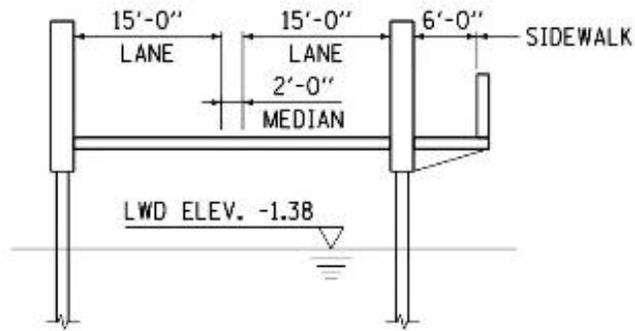
**DIVISION STREET
STAGE 2 CONSTRUCTION TYPICAL**

Construction of Division River Bridge Temporary Run-a-Round During Construction

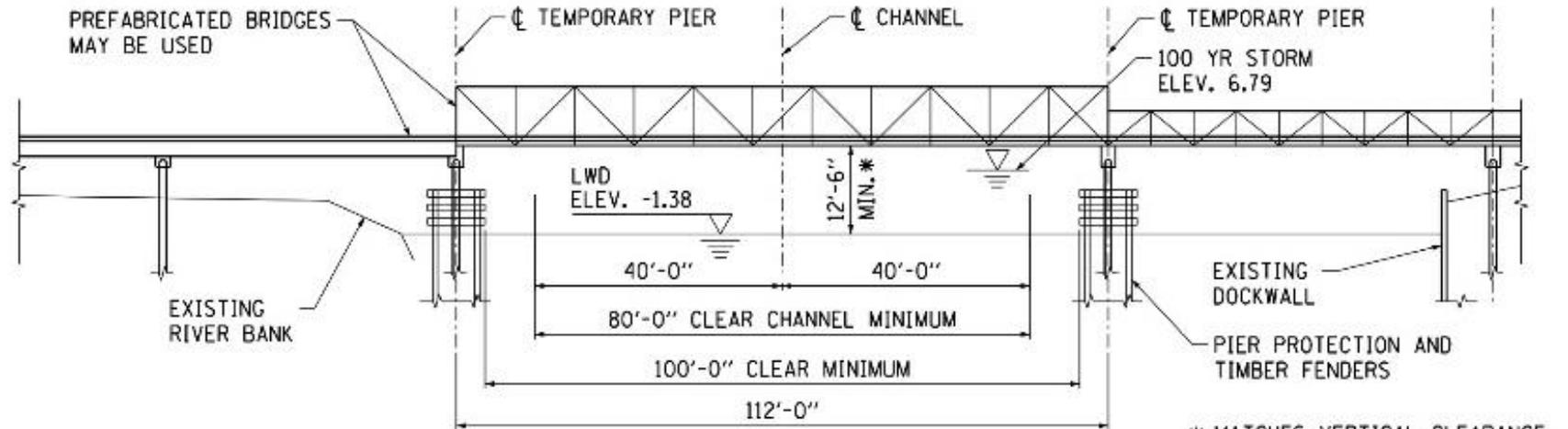


Construction of Division Bridges

Temporary Bridges During Construction



**TEMPORARY BRIDGE
CROSS SECTION**



**SECTION A-A
ELEVATION**

* MATCHES VERTICAL CLEARANCE
AT HALSTED STREET BRIDGE

Next Step

- . Fill out the Comment Cards and drop at the box
- . Written Comments will be accepted until **April 26, 2024**
- . Email Comments to: soliman.khudeira@cityofchicago.org

- . Or mail Comments to:
CDOT-Division of Engineering
2 N. LaSalle St., Suite 820
Chicago, IL. 60602
Attention: Soliman Khudeira, PhD, PE, SE, Section Chief -
Major Projects