

FOR INDEX OF SHEETS, SEE SHEET NO.2 03-07-2025 LETTING ITEM 018

LEAVITT STREET
FUNCTIONAL CLASSIFICATION
LOCAL STREET
2014 ADT = 1,300
TRUCKS = 3.0%
DESIGN SPEED = 30 MPH
POSTED SPEED = 30 MPH

I-290
FUNCTIONAL CLASSIFICATION
INTERSTATE
2022 ADT = 183,330
TRUCKS = 3.8%
DESIGN SPEED = 60 MPH
POSTED SPEED = 55 MPH

Ciorba Group, Inc.

DESIGN FIRM
REGISTRATION NUMBER

184-001016

CONSULTING ENGINEERS
8725 W. HIGGINS RD, SUITE 600
CHICAGO, ILLINOIS 60631 :: (773) 775-4009

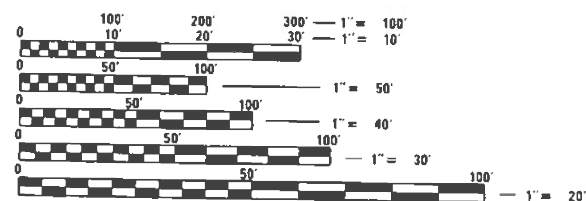
gonzalez

DESIGN FIRM
REGISTRATION NUMBER

184004564-0014

CONSULTING ENGINEERS
1401 BRANDING AVENUE, SUITE 365
DOWNERS GROVE, ILLINOIS 60515 :: (312) 621-8777

PROJECT LOCATED IN
THE CITY OF CHICAGO



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

DIGGER
1-312-744-7000

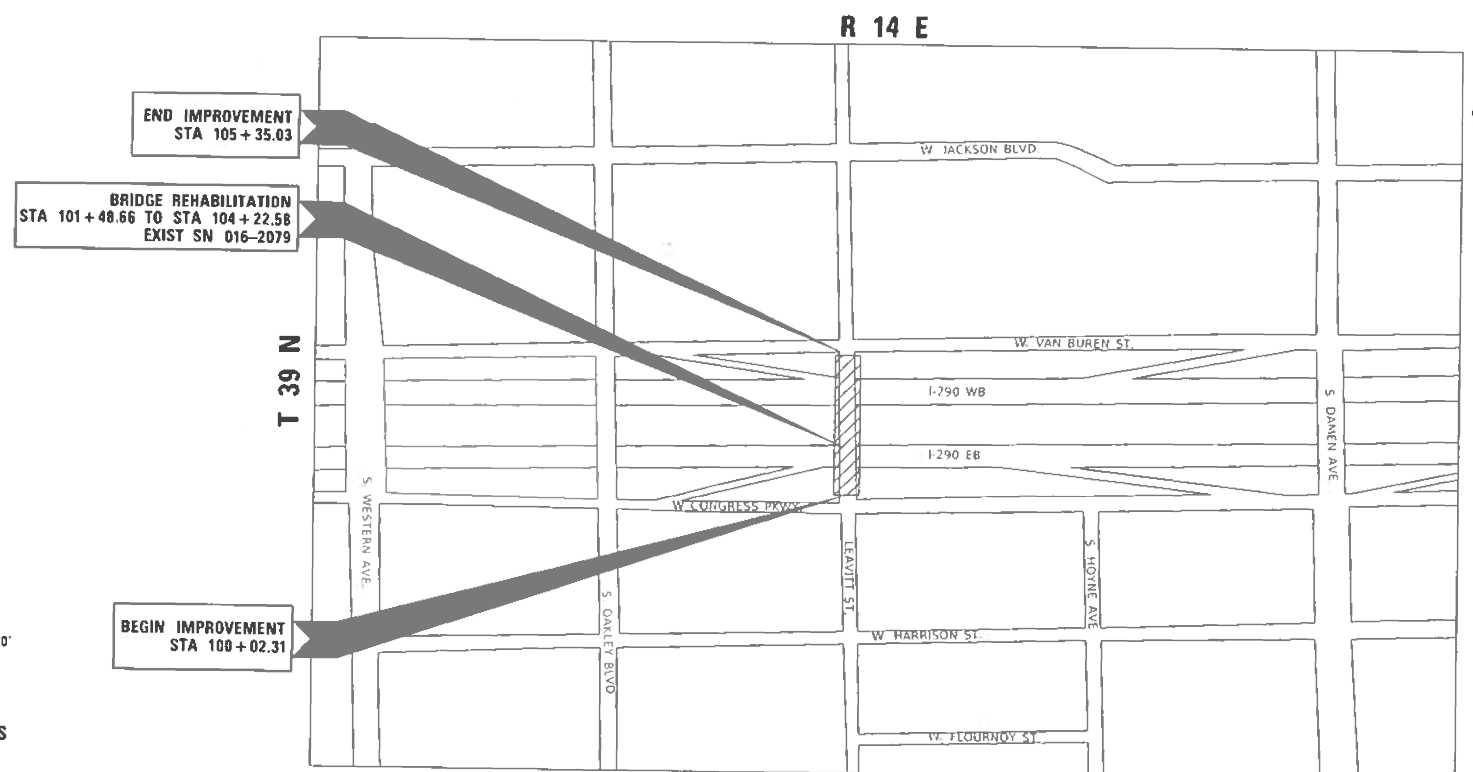
PROJECT MANAGER: PRAVEEN KAINI (847) 705-4237
CONTRACT NO.62P43

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

FAI 290 (INTERSTATE 290)
AT LEAVITT STREET
SECTION 2021-120-BR
PROJECT NHPP-CIH0(915)
BRIDGE REPLACEMENT AND
ADA IMPROVEMENTS
COOK COUNTY

C-91-242-21



LOCATION MAP
(NOT TO SCALE)

GROSS LENGTH = 533 FT. = 0.10 MILE
NET LENGTH = 533 FT. = 0.10 MILE

FOR PROFESSIONAL SEALS,
SEE SHEET NO. 2

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2021-120-BR	COOK	178	1
CONTRACT NO. 62P43			

* 178 + 7 = 185 TOTAL SHEETS
+ SHEET 3A = 186 TOTAL SHEETS

D-91-203-21



LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED December 6, 2024

REGIONAL ENGINEER

January 31, 2025

ENGINEER OF DESIGN AND ENVIRONMENT

January 31, 2025

DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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INDEX OF SHEETS

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HIGHWAY STANDARDS

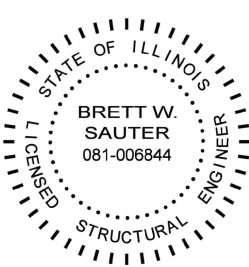
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420401-13	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-06	DIAGONAL CURB RAMPS FOR SIDEWALKS
637006-05	CONCRETE BARRIER, DOUBLE FACE, 44 IN. (1120 MM) HEIGHT
664001-02	CHAIN LINK FENCE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701400-12	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-13	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER. FOR SPEEDS ≤ 40 MPH
701446-11	TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-10	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

IDOT DISTRICT ONE DETAILS

BD-07	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER
BD-47	CITY OF CHICAGO CATCH BASIN, INLET AND MANHOLE DETAILS
BD-58	CITY OF CHICAGO DETECTABLE WARNINGS
TC-08	ENTRANCE AND EXIT RAMP CLOSURE DETAILS
TC-09	FREEWAY SINGLE AND MULTI LANE WEAVE
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
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TC-24	CITY OF CHICAGO TYPICAL PAVEMENT MARKINGS
TC-28	RAILROAD CROSSING REPAIR DETOUR SIGNING

COMMITMENTS:

ADJACENT I-290 OVERHEAD BRIDGES SHALL NOT BE CLOSED/DETOURED CONCURRENTLY DURING CONSTRUCTION.



Brett W. Sauter

DATE: 12/03/2024
SEAL EXPIRES: 11/30/2026
APPLIES TO SHEETS: 94 - 140
165 - 168



Duane O'Laughlin

DATE: 12/03/2024
SEAL EXPIRES: 11/30/2025
APPLIES TO SHEETS: 23 - 24
32 - 39
169



Joseph Vondra

DATE: 12/03/2024
SEAL EXPIRES: 11/30/2025
APPLIES TO SHEETS: 44 - 93



Patrick Arthur McCluskey

DATE: 12/03/2024
SEAL EXPIRES: 11/30/2025
APPLIES TO SHEETS: 1 - 22
27 - 31
40 - 43
141 - 164
170 - 178



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX AND STANDARDS

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2021-120-BR	COOK	178	2
CONTRACT NO. 62P43				
ILLINOIS FED. AID PROJECT				

CITY OF CHICAGO GENERAL NOTES

1.

IN CASE OF DAMAGE TO CITY OF CHICAGO SEWERS, PRIVATE AND PUBLIC DRAINS, SEWER STRUCTURES AND/OR BENCH MONUMENTS, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE DEPARTMENT OF SEWERS AT (312) 747-7892 OR (312) 747-7893.
2.

THE CONTRACTOR SHALL CONTACT THE CHICAGO TRANSIT AUTHORITY AT TRAFFIC.PLANNING@TRANSITCHICAGO.COM OR BY PHONE AT (312) 681-4151 SIX (6) WEEKS PRIOR TO CONSTRUCTION, TO REPORT TRAFFIC IMPACTS.
3.

THE CDWM FACILITIES TO BE ADJUSTED SHALL BE PERFORMED BY THE CONTRACTOR, THE FINAL PAYMENT TO THE CONTRACTOR SHALL BE WITHHELD UNTIL THIS DEPARTMENT HAS INSPECTED AND FOUND THE ADJUSTED FACILITIES ACCEPTABLE. PLEASE CONTACT MR. ALBERT WTORKOWSKI OF THE DEPARTMENT OF WATER MANAGEMENT AT ALBERT.WTORKOWSKI@CITYOFCHICAGO.ORG OR BY PHONE AT (312) 744-5070 IN ORDER TO SCHEDULE THE FINAL INSPECTION OF ANY ADJUSTED WATER FACILITIES.
4.

CAUTION IS TO BE TAKEN TO ENSURE THAT NO FACILITY OWNED AND MAINTAINED BY CDWM ARE DAMAGED DURING CONSTRUCTION. IF DAMAGE OCCURS TO ANY FACILITIES, IDOT SHALL BE HELD RESPONSIBLE FOR THE COST OF REPAIRING OR REPLACING THEM. FAILURE TO COMPLY WITH THE PROVISIONS IN THIS CORRESPONDENCE MAY RESULT IN ADDITIONAL EXPENSES TO THE PROPOSED PROJECT TO VERIFY THAT ALL WORK CONFIRMS TO DWM'S STANDARDS.

1

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8725 W. Higgins Rd, Ste 600, Chicago, IL 60631
P 773.775.4009 | www.ciorba.com

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO
GENERAL NOTES

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2021-120-BR	COOK	178	3A
CONTRACT NO.				62P43
ILLINOIS		FED. AID PROJECT		

 NEW SHEET 2/17/2025

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DATE - 12/03/2024

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 14 SHEETS STA. TO STA.

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2021-120-BR	COOK	178	5
		CONTRACT NO. 62P43		
ILLINOIS		FED. AID PROJECT		

* SPECIALTY ITEM

CONSTRUCTION CODE							
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE
				BRIDGE	ROADWAY	TRAFFIC SIGNALS	HIGHWAY LIGHTING
				0013	0004	0021	0021
				S.N.	URBAN	URBAN	URBAN
CODE NO.	ITEM	UNIT	TOTAL QUANTITY				
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	409		409		
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	227		227		
35300500	PORTLAND CEMENT CONCRETE BASE COURSE 10"	SQ YD	199		199		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	343		343		
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	132		132		
42000060	WELDED WIRE REINFORCEMENT	SQ YD	120		120		
42000080	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	SQ YD	120		120		
42101300	PROTECTIVE COAT	SQ YD	611		611		
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	685		685		
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	2196		2196		
44000100	PAVEMENT REMOVAL	SQ YD	410		410		
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	914		914		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	581		581		
44000600	SIDEWALK REMOVAL	SQ FT	1905		1905		

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GONZALEZ COMPANIES, LLC

PRD. ENGINEER 184004564-0014

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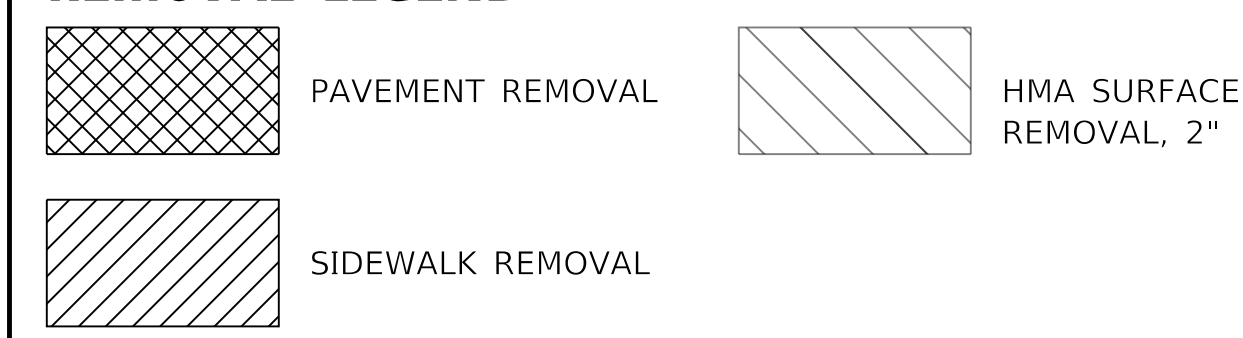
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET 13 OF 14 SHEETS	STA.	TO STA.

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2021-120-BR	COOK	14	16
		CONTRACT NO. 06943		
		ILLINOIS	FED. AID PROJECT	

EXISTING AND REMOVAL PLAN

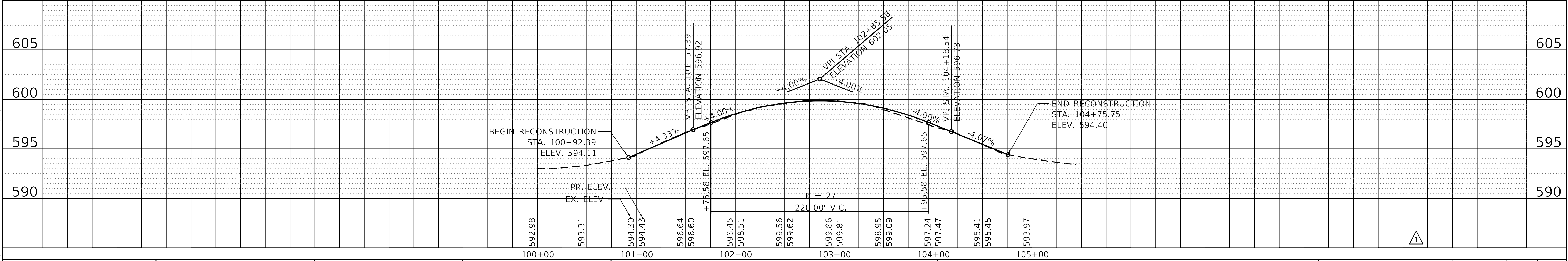
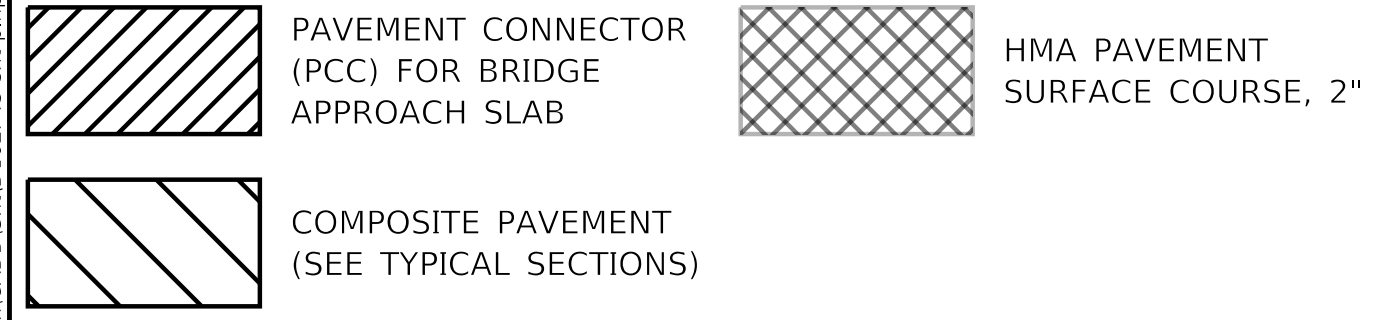
REMOVAL LEGEND



PROPOSED PLAN

RADIUS	LENGTH
R1	25.0'
R2	14.0'
R3	25.0'
R4	10.0'
R5	7.0'
R6	16.0'
R7	9.0'
R8	18.0'

PAVEMENT LEGEND



gonzalez
GONZALEZ COMPANIES, LLC
PRO. ENGINEER 184004564-0014

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

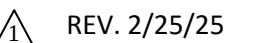
LEAVITT STREET
EXISTING AND PROPOSED PLAN AND PROFILE

SCALE: 1" = 50' SHEET 1 OF 2 SHEETS STA. 100+00.00 TO STA. 105+45.00

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2021-120-BR	COOK	178	27
ILLINOIS			FED. AID PROJECT	

CONTRACT NO. 62P43

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GONZALEZ COMPANIES, LLC
 PRO. ENGINEER 184004564-0014

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2021-120-BR	COOK	178	30
		CONTRACT NO. 62P43		
▲ ILLINOIS		FED. AID PROJECT		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

EXIT 27 C
DETOUR PLAN

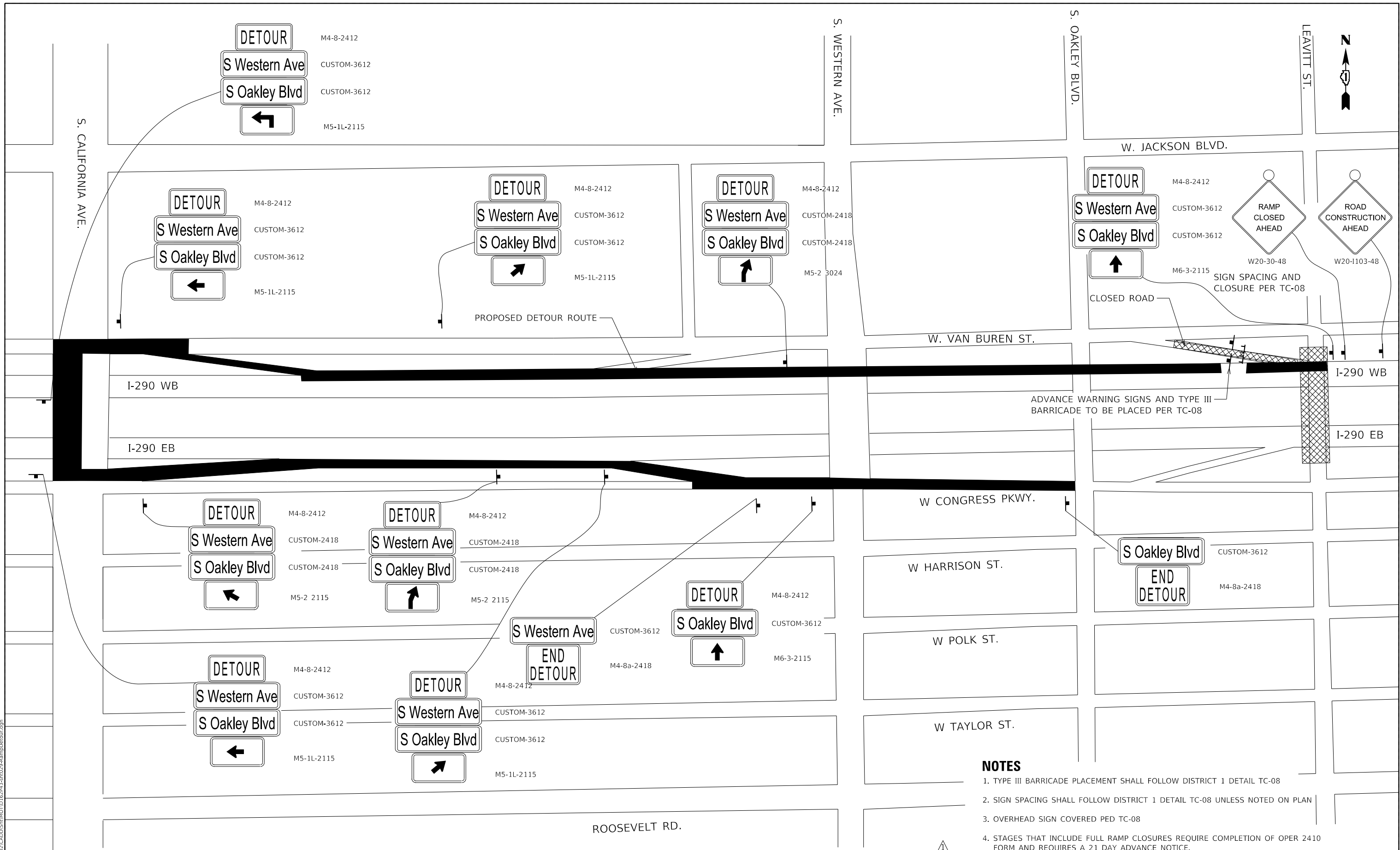
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2021-120-BR	COOK	178	32
CONTRACT NO. 62P43				
ILLINOIS		FED. AID PROJECT		

NOTES

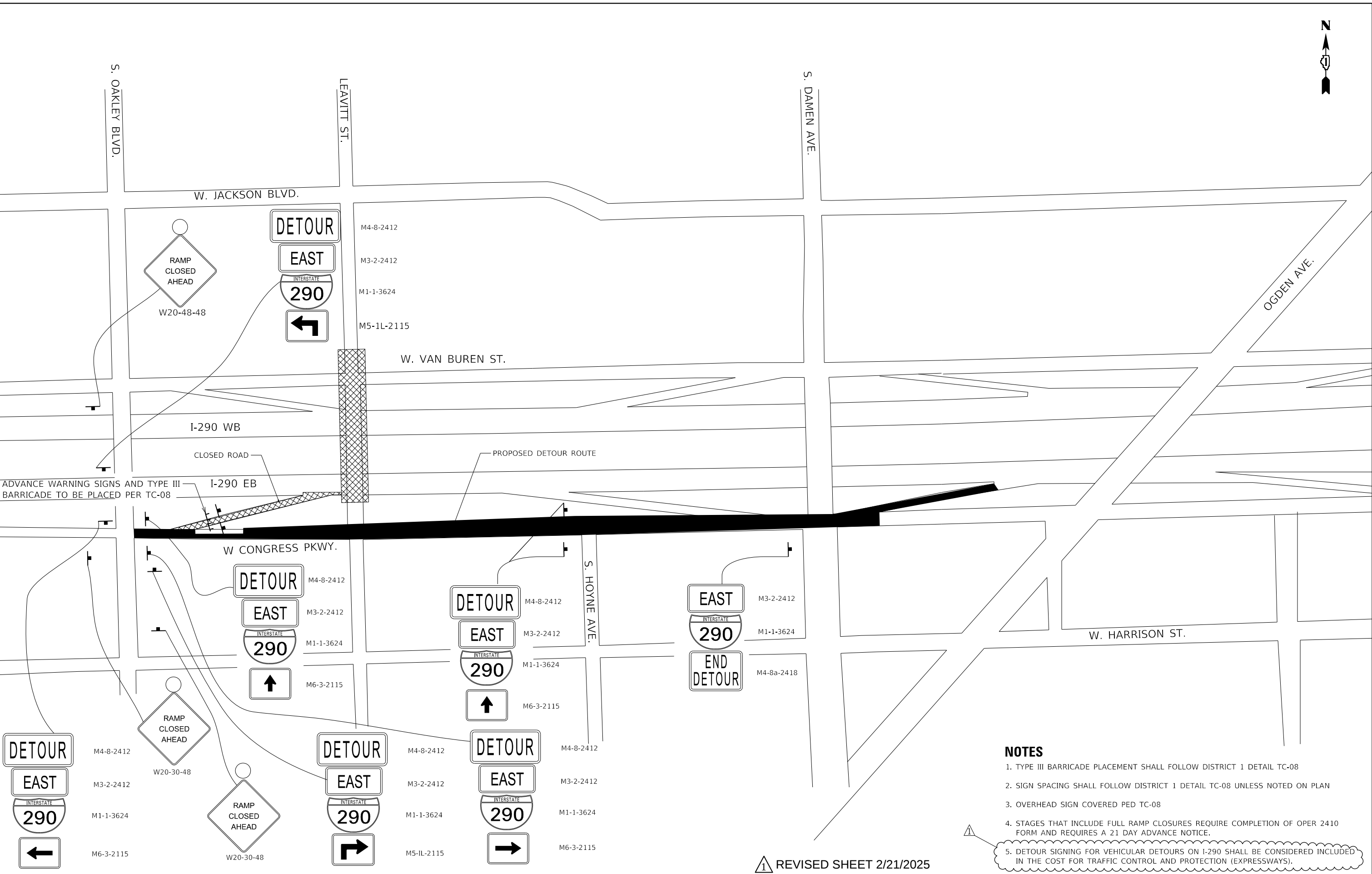
1. TYPE III BARRICADE PLACEMENT SHALL FOLLOW DISTRICT 1 DETAIL TC-08
2. SIGN SPACING SHALL FOLLOW DISTRICT 1 DETAIL TC-08 UNLESS NOTED ON PLAN
3. OVERHEAD SIGN COVERED PED TC-08
4. STAGES THAT INCLUDE FULL RAMP CLOSURES REQUIRE COMPLETION OF OPER 2410 FORM AND REQUIRES A 21 DAY ADVANCE NOTICE.

5. DETOUR SIGNING FOR VEHICULAR DETOURS ON I-290 SHALL BE CONSIDERED INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).

REVISED SHEET 2/21/2025



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NOTES

1. TYPE III BARRICADE PLACEMENT SHALL FOLLOW DISTRICT 1 DETAIL TC-08
2. SIGN SPACING SHALL FOLLOW DISTRICT 1 DETAIL TC-08 UNLESS NOTED ON PLAN
3. OVERHEAD SIGN COVERED PED TC-08
4. STAGES THAT INCLUDE FULL RAMP CLOSURES REQUIRE COMPLETION OF OPER 2410 FORM AND REQUIRES A 21 DAY ADVANCE NOTICE.
5. DETOUR SIGNING FOR VEHICULAR DETOURS ON I-290 SHALL BE CONSIDERED INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).

REVISED SHEET 2/21/2025

 8725 W. Higgins Rd, Ste 600, Chicago, IL 60631 P 773.775.4009 www.ciorba.com	USER NAME = Roadway		DESIGNED - EPS	REVISED -  02/17/2025 EPS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXIT 28 A DETOUR PLAN						F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - AEC		REVIS	REVISED -								290	2021-120-BR	COOK	178	33
	PLOT SCALE = 200.0000 ' / in.		CHECKED - EPS	REVIS		CONTRACT NO. 62P43										
	PLOT DATE = 2/17/2025		DATE - 12/3/2024	REVISED -		ILLINOIS FED. AID PROJECT										
									SCALE: N.T.S.	SHEET	OF	SHEETS	STA.	TO	STA.	

GENERAL NOTES:

1.

ALL WORK SHALL BE IN ACCORDANCE WITH THE CHICAGO ELECTRICAL CODE, CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF ELECTRICAL OPERATIONS (DEO) STANDARDS, AND THE APPLICABLE PROVISIONS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.
2.

ALL CITY OF CHICAGO STREET LIGHTING EQUIPMENT REMOVED AS PART OF THIS CONTRACT WILL REMAIN THE PROPERTY OF THE CITY AND SHALL BE DELIVERED TO A CITY FACILITY LOCATED WITHIN THE CITY LIMITS IN ACCORDANCE WITH THE CONTRACT SPECIFICATIONS, UNLESS NOTED OTHERWISE.
3.

RECORD DRAWINGS SHOWING EXISTING STREET LIGHTING INSTALLATION AND CABINET LOCATIONS ARE AVAILABLE FOR THE CONTRACTOR'S INFORMATION AT THE OFFICES OF THE CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION, DIVISION OF ELECTRICAL OPERATIONS.
4.

THE INSTALLATION OF ALL NEW ELECTRICAL EQUIPMENT UNDER THIS CONTRACT SHALL BE DONE IN SUCH A MANNER AS NOT TO DAMAGE THE EXISTING LANDSCAPE (TREES, BUSHES, ETC.) DURING THE PROGRESSION OF WORK. IF THE CONTRACTOR OBSERVES A CONFLICT WITH THE EXISTING LANDSCAPE, HE WILL STOP THE WORK AND IMMEDIATELY NOTIFY THE ENGINEER.
5.

THE EXISTING STREET LIGHTING SYSTEM BEYOND THE CONSTRUCTION LIMITS SHALL REMAIN IN OPERATION FOR THE DURATION OF THIS PROJECT UNTIL SUCH TIME THAT THE NEW STREET LIGHING SYSTEM HAS BEEN INSTALLED, ENERGIZED, TESTED, ADJUSTED AND ACCEPTED BY THE CITY OF CHICAGO. THE BRIDGE LIGHTING SHALL NOT BE REQUIRED TO BE MAINTAINED DURING CONSTRUCTION DUE TO REPLACEMENT OF THE SUPERSTRUCTURE (DECK) AND A BRIDGE CLOSURE WILL BE IN EFFECT FOR THE CONSTRUCTION DURATION. THE COST OF THIS WORK SHALL BE INCLUDED AS PART OF THE MAINTENANCE OF STREET LIGHTING SYSTEM (CITY OF CHICAGO) PAY ITEM AND SEPARATE PAYMENT WILL NOT BE MADE.
6.

WORK FOR STREET LIGHTING SYSTEM SHALL BE COMPLETED, APPROVED AND FULLY OPERATIONAL BEFORE A FINAL INSPECTION FOR THE PROJECT CAN BE SCHEDULED.
7.

AT THE COMMENCEMENT OF CONTRACTOR ACTIVITIES, ELECTRICAL OR OTHERWISE, THE CONTRACTOR WILL BECOME RESPONSIBLE FOR THE PROPER OPERATION AND MAINTENANCE OF ALL EXISTING LIGHTING AND POWER SYSTEMS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
8.

REMOVING OF EXISTING ELECTRICAL CABLES FEEDING EACH OF THE EXISTING LIGHTING/SIGNAL UNITS SHALL BE INCLUDED IN THE COST OF REMOVE EXISTING STREET LIGHTING EQUIPMENT AND SEPARATE PAYMENT WILL NOT BE MADE.
9.

THE CONTRACTOR SHALL PROVIDE ANY ADDITIONAL TEMPORARY ELECTRICAL EQUIPMENT CONNECTIONS AS REQUIRED TO MAINTAIN EXISTING LIGHTING CONTINUITY AS THE PROPOSED WORK FOR INSTALLATION AND REMOVAL OF EXISTING LIGHTING EQUIPMENT PROGRESSES. THE COST OF THIS WORK SHALL BE INCLUDED IN THE MAINTENANCE OF STREET LIGHTING SYSTEM (CITY OF CHICAGO) ITEM.
10.

WHERE THE CONTRACTOR'S EXCAVATION MEETS AN OBSTRUCTION OR EXISTING FOUNDATION, THE CONTRACTOR MUST NOTIFY THE ENGINEER FOR DIRECTION IN WRITING PRIOR TO FURTHER EXCAVATION. THE CONTRACTOR SHALL RESTORE ANY DAMAGE TO EXISTING SYSTEMS OR UTILITIES AND REMOVE EXISTING OBSTRUCTIONS AND FOUNDATIONS TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE APPROPRIATE UNDERGROUND WORK PAY ITEM.
11.

THE CONTRACTOR SHALL IDENTIFY EACH ELECTRIC CABLE ASSEMBLY FOR STREET LIGHTING. CABLES SHALL BE TAGGED IN ALL HANDHOLES, CONTROLLER CABINETS AND LIGHT POLE BASES.
12.

CONDUIT STUBOUTS IN EQUIPMENT FOUNDATIONS WILL NOT BE MEASURED FOR PAYMENT, BUT WILL BE CONSIDERED AS PART OF THE APPLICABLE FOUNDATION PAY ITEM. REFER TO SPECIFICATIONS.
13.

THE ELECTRIC CABLE PHASE AND NEUTRAL CONDUCTORS SHALL BE RUN CONTINUOUSLY WITHOUT ANY UNDERGROUND SPLICES, JUNCTON BOX SPLICES, PULL BOX SPLICES, HANDHOLE SPLICES OR MANHOLE SPLICES. SPLICES WILL BE PERMITTED ONLY IN THE BASE OF THE PROPOSED LIGHT POLES AND CONTROLLERS, UNLESS NOTED OTHERWISE.
14.

ALL PROPOSED CONDUITS, JUNCTION BOXES, AND APPURTENANCES ARE ILLUSTRATED DIAGRAMMATICALLY. THE ACTUAL LOCATIONS IN THE FIELD SHALL BE APPROVED BY THE ENGINEER.
15.

THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO THE INSTALLATION OF ANY ELEMENTS OF STREET LIGHTING SYSTEM.

SUMMARY OF QUANTITIES

DESCRIPTION	UNIT	TOTAL
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	261
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	36
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	520
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	468
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	92
CONDUIT ATTACHED TO STRUCTURE, 4" DIA., PVC COATED GALVANIZED STEEL	FOOT	1,060
CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	585
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6"	EACH	8
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	80
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2/0	FOOT	630
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 3/0	FOOT	3,150
LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 200AMP	EACH	1
LIGHT POLE FOUNDATION METAL, 15" BOLT CIRCLE, 8 5/8" X 7'	EACH	1
REMOVAL OF POLE FOUNDATION	EACH	1
DRILL EXISTING HANDHOLE	EACH	9
REMOVE EXISTING HANDHOLE	EACH	2
CLEANING EXISTING MANHOLE OR HANDHOLE	EACH	3
CABLE IN CONDUIT, TRIPLEX, 2-1/C NO. 6 AND 1-1/C NO. 8 GROUND	FOOT	1,960
CONDUIT RISER, GALVANIZED STEEL	EACH	4
MANHOLE, ELECTRIC, 3' X 4' X 4', WITH 24" FRAME AND LID	EACH	2
ELECTRIC MANHOLE TO BE ADJUSTED	EACH	2
ELECTRIC SERVICE INSTALLATION (SPECIAL)	EACH	2
LIGHT POLE, ALUMINUM, WITH MAST ARM, INSTALL ONLY	EACH	5
MAINTENANCE OF STREET LIGHTING SYSTEM (CITY OF CHICAGO)	L SUM	1
REMOVE EXISTING STREET LIGHTING EQUIPMENT	EACH	1
TRENCH AND BACKFILL WITH SCREENINGS	FOOT	1,377
LUMINAIRE, LED, SPECIAL	EACH	6
STEEL LUMINAIRE MAST ARM ASSEMBLY 12 FT	EACH	6
REMOVE EMBEDDED POLE	EACH	1

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	DRAWN - DTJ	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED - JMV	REVISED -
PLOT DATE = 2/19/2025	DATE - 12/3/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CDOT STREET LIGHTING GENERAL NOTES AND SOQ

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

REVISED SHEET 2/21/2025

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2021-120-BR	COOK	178	49
		CONTRACT NO. 62P43		
ILLINOIS		FED. AID PROJECT		

Bench Mark: Chiseled "□" on west side of traffic signal foundation at southeast corner of Leavitt St and Van Buren St. Elev. 594.77.

Existing Structure: Structure Number 016-2079, built in 1953 as FA Route 131, Sections 3-B-8 and 3-F-8. The north approach slab was constructed in 1958 as FAI Route 1, Section 2527-108.1. In 1983, under IDOT Contract C-91-059-80 (FAI Rte I-290, Section 042BR), the overlay was replaced, the approach sidewalks, curb, and gutter were replaced, the expansion joints were replaced, shim plates were added beneath the bearings and the handrails were replaced. The structure is a three span non-composite continuous wide flange steel beam bridge with concrete closed wall abutments and two reinforced concrete multi-column piers supported on metal shell cast in place concrete piles. The existing bridge measures 262'-10" from back to back abutments, 62'-4" out to out, with no skew. New abutments are going to be constructed and the new bridge will measure 274'-5" from back to back abutments.

Traffic Control: Leavitt Street to be closed during construction.

No Salvage.

DESIGN SPECIFICATIONS
(New Construction)
2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

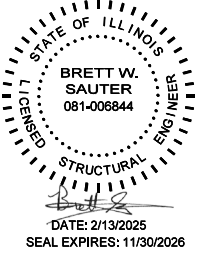
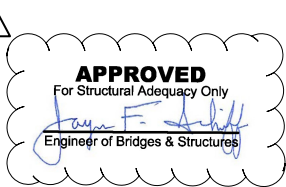
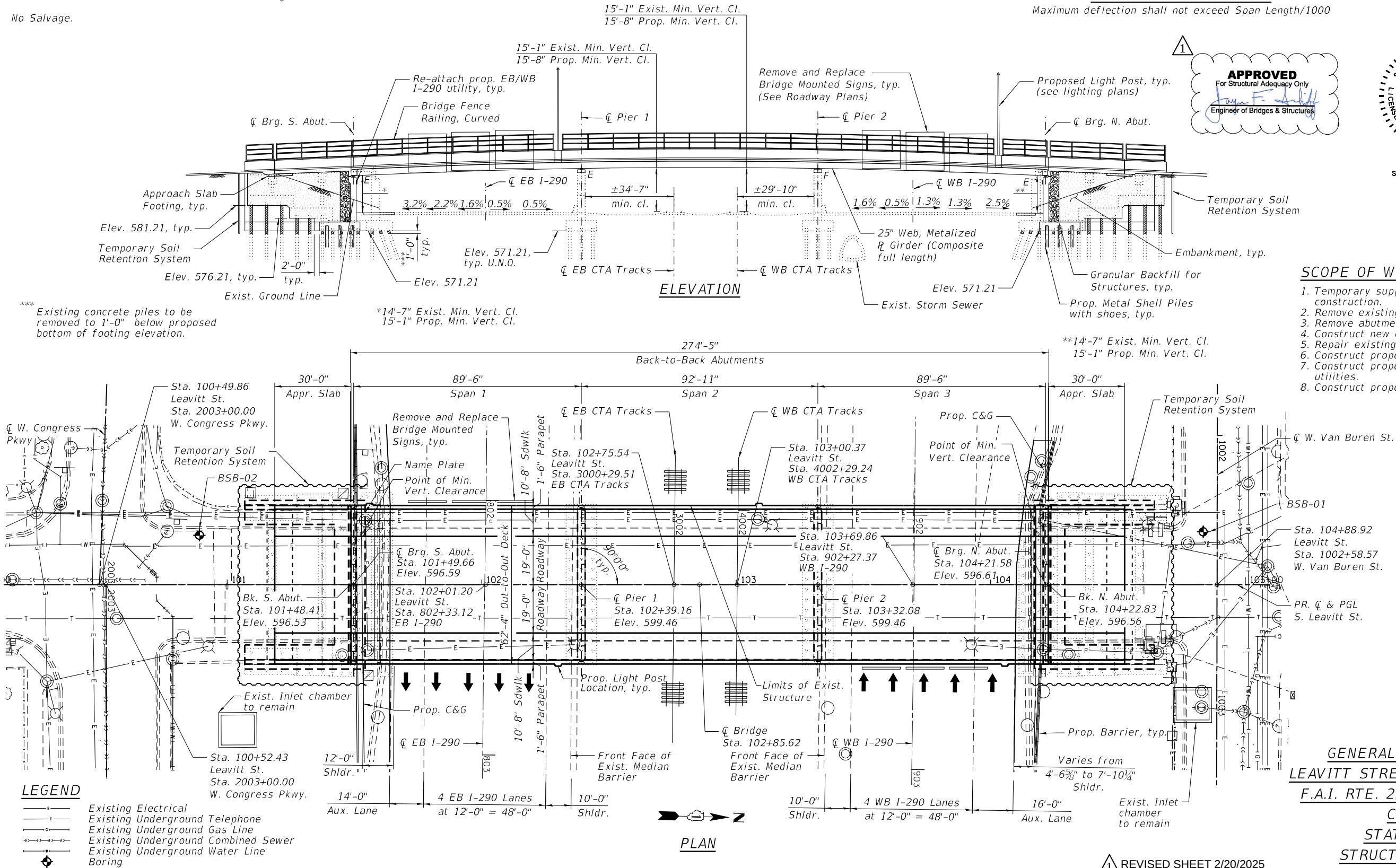
SEISMIC DATA
Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec (SD1) = 0.086g
Design Spectral Acceleration at 0.2 sec (SDS) = 0.145g
Soil Site Class = D

LOADING HL-93
Allow 25#/sq. ft. for future wearing surface

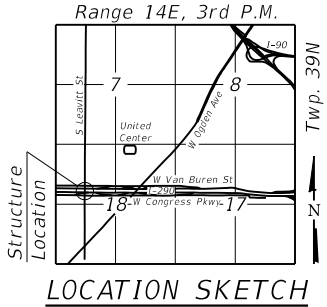
LIVE LOAD DEFLECTION
Maximum deflection shall not exceed Span Length/1000

DESIGN STRESSES
FIELD UNITS
f'c = 3,500 psi
f'c = 4,000 psi (Superstructure Concrete)
fy = 60,000 psi (Reinforcement)
fy = 50,000 psi (M270 Grade 50, Metalized)

EXISTING UNITS
f'c = 3,500 psi
fy = 40,000 psi



- SCOPE OF WORK
1. Temporary support existing utilities during construction.
 2. Remove existing superstructure and vault spans.
 3. Remove abutments.
 4. Construct new closed abutments at new locations.
 5. Repair existing piers and remove graffiti.
 6. Construct proposed pier extensions.
 7. Construct proposed superstructure and reattach utilities.
 8. Construct proposed approach slabs.



GENERAL PLAN & ELEVATION
LEAVITT STREET OVER I-290 AND CTA
F.A.I. RTE. 290 - SEC. 2021-120-BR
COOK COUNTY
STATION 102+85.62
STRUCTURE NO. 016-2079

REVISED SHEET 2/20/2025



USER NAME = untitled	DESIGNED - SIK	REVISED -
DRAWN - SIK, SBA	CHECKED - BWS	REVISED -
PLOT SCALE = 40:0' = 1" / in.	DATE - 2/13/2025	REVISED -
PLOT DATE = 2/13/2025		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET S-01 OF S-47 SHEETS

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2021-120-BR	COOK	178	94
CONTRACT NO.			62P43	

ILLINOIS FED. AID PROJECT