

1-18-13 LETTING ITEM 127

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 383	2010-051 BP	COOK	43	1

CONTRACT NO.: 60L32

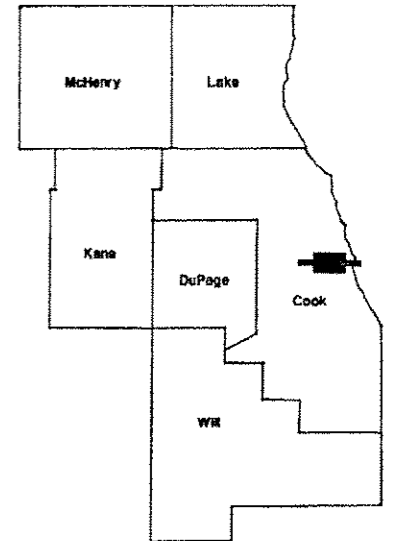
FOR INDEX OF SHEETS SEE SHEET 2

D-91-680-10

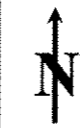
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
DISTRICT ONE
PROPOSED HIGHWAY PLANS

F.A.P. ROUTE 383: OHIO ST. FEEDER
VARIOUS LOCATIONS
SECTION: 2010-051 BP
PARTIAL BRIDGE PAINTING
COOK COUNTY
C-91-680-10

IMPROVEMENT IS LOCATED
IN THE CITY OF CHICAGO

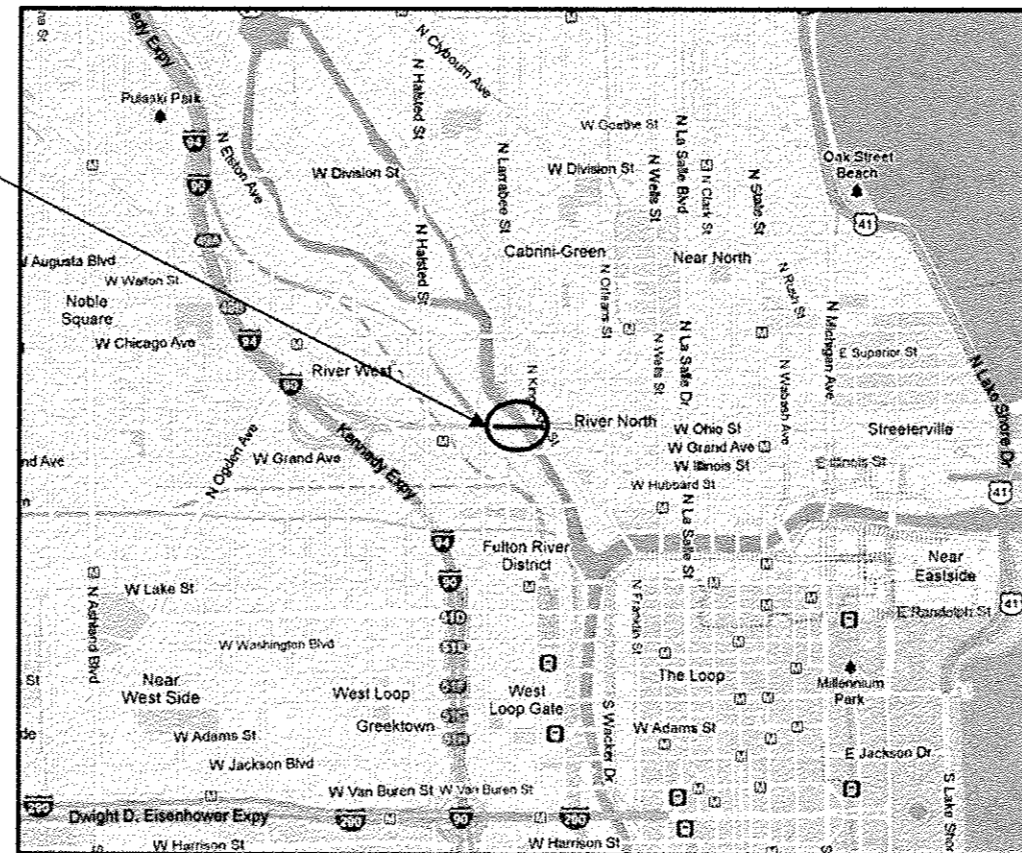


LOCATION OF IMPROVEMENT INDICATED THUS: 



IMPROVEMENT LOCATION

- LOC 1) SN 016-1061: OHIO ST. FEEDER WEST APPROACH OVER RR-UP & TRIBUNE PARKING
- LOC 2) SN 016-1053: OHIO ST. FEEDER EAST APPROACH OVER KINGSBURY ST.
- LOC 3) SN 016-0202: OHIO ST. FEEDER OVER N BRANCH CHICAGO RIVER



NORTH AND WEST TOWNSHIP

T 39 N

R 14 E

TRAFFIC DATA:

OHIO ST. FEEDER:

2006 ADT = 39,600
POSTED SPEED LIMIT = 45 MPH

CONTRACT NO. 60L32

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED: September 19 2012
John Fortmann
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

October 5 2012
John D. Baranzelli PE
acting ENGINEER OF DESIGN AND ENVIRONMENT

October 5 2012
William R. Frey Sr
acting DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

C.U.A.N.: CHICAGO UTILITY ALERT NETWORK
(312) 744-7000

DISTRICT ONE - PLAN PREPARATION ENGINEER:
ISSAM RAYAN/R. BORO (847) 705-4237

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 383	2010-051 BP	COOK	43	2

CONTRACT NO. 60L32

INDEX OF SHEETS

STATE STANDARDS

1	TITLE SHEET		
2	INDEX OF SHEETS, STATE STANDARDS		
3	GENERAL NOTES	701400-05	FREEWAY / EXPRESSWAY, APPROACH TO LANE CLOSURE
4	GENERAL PAINT NOTES	701401-06	FREEWAY / EXPRESSWAY, LANE CLOSURE
5	SUMMARY OF QUANTITIES	701411-08	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
6-7	TRAFFIC CONTROL DETOUR DETAILS	701422-04	LANE CLOSURE, MULTILANE, FOR SPEEDS ≥ 45 MPH TO 55 MPH
8-11	BRIDGE PAINTING PLANS (SN 016-1061, LOC 1)	701901-02	TRAFFIC CONTROL DEVICES
12-15	BRIDGE PAINTING PLANS (SN 016-1053, LOC 2)		
16	EXISTING BEARINGS (SN 016-1061 & -1053)		
17-35	BRIDGE PAINTING PLANS (SN 016-0202, LOC 3)		
36-39	ASBESTOS REMOVAL DETAILS (SN 016-0202)		
40	FREEWAY ENTRANCE AND EXIT RAMP CLOSURE DETAILS (TC-08)		
41	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS INTERSECTIONS AND DRIVEWAYS (TC-10)		
42	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING (TC-16)		
43	ARTERIAL ROAD INFORMATION SIGN (TC-22)		

ILLINOIS DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS
STATE STANDARDS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 383	2010-051 BP	COOK	39	3

CONTRACT NO. 60L32

GENERAL NOTES

BEFORE STARTING ANY EXCAVATION IN THE CITY OF CHICAGO, THE CONTRACTOR SHALL CALL "C.U.A.N." AT (312) 744-7000 OR FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF CHICAGO.

WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS & CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION & ORDERING OF MATERIALS.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847)705-4151 FOR EXPRESSWAYS A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND PRESERVE THE EXISTING BRIDGE LIGHTING AT ANY LOCATIONS THAT LIGHTING IS ENCOUNTERED ADJACENT TO AN AREA TO BE CLEANED AND PAINTED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION OF ALL EMERGENCY SERVICES, SCHOOL DISTRICTS, I.D.O.T.'S COMMUNICATIONS CENTER, SPRINGFIELD TRUCK PERMIT SECTION AND OTHER AGENCIES AFFECTED BY THE CLOSURE. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR POSTING SIGNS THAT WILL INDICATE THE DATES THE CLOSURE WILL BE IN PLACE.

WORK ON THE STRUCTURE SHALL BE DONE IN SUCH A MANNER THAT THE CLOSURE OF THE BRIDGE TO RIVER TRAFFIC (PERIODS WHERE THE BRIDGE IS RESTRICTED IN THE DOWN POSITION) IS PROHIBITED. RIVER TRAFFIC IS TO BE MAINTAINED AT ALL TIMES. WORK THAT REQUIRES THE BRIDGE TO BE IMMOBILIZED SHALL BE DONE WITH THE BRIDGE RESTRICTED IN THE UP POSITION, SUBJECT TO COAST GUARD APPROVAL.

AFTER REMOVING THE ASBESTOS PANELS IF THE MACHINERY ROOM IS TO BE EXPOSED FOR MORE THAN ONE MONTH, THE CONTRACTOR SHALL INSTALL A TEMPORARY WALL AT NO ADDITIONAL COST TO THE DEPARTMENT.

THE CONTRACTOR SHALL PROTECT THE GEARS AND MACHINERY FROM DEBRIS, PAINT AND THE OUTSIDE ELEMENTS.

THE CONTRACTOR SHALL CONTACT DARYL ROUSE OF THE CITY OF CHICAGO AT (312)-617-0559 FOR ACCESS TO THE BRIDGE HOUSE.

THE CONTRACTOR SHALL OBTAIN COAST GUARD APPROVAL TO OCCUPY NAVIGABLE WATERS, IF REQUIRED, FOR THE PROPOSED WORK. A WORK PLAN SHALL BE PREPARED BY THE CONTRACTOR, REVIEWED AND APPROVED BY THE ENGINEER AND BE SUBMITTED BY THE ENGINEER TO THE COAST GUARD AT THE ADDRESS LISTED BELOW FOR APPROVAL.

BRIDGE ADMINISTRATOR
 US COAST GUARD
 NINTH COAST GUARD DISTRICT
 1240 E. NINTH ST
 CLEVELAND, OH 44199-2060
 SCOTT STRIFFLER (216) 902-6085

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 383	2010-051 BP	COOK	43	4

Contract 60L32

GENERAL PAINT NOTES

CLEANING AND PAINTING OF THE EXISTING STRUCTURAL STEEL SHALL BE AS SPECIFIED IN THE SPECIAL PROVISION FOR "CLEANING AND PAINTING EXISTING STEEL STRUCTURES".

A MINIMUM OF FOUR (4) AIR MONITORS WILL BE REQUIRED AT ALL LOCATIONS, TO MONITOR ABRASIVE BLASTING OPERATIONS. SEE SPECIAL PROVISION FOR "CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUE."

THE CONTRACTOR SHALL SUBMIT CALCULATIONS AND DETAILS DEMONSTRATING THE STRUCTURAL INTEGRITY OF THE BRIDGE IS MAINTAINED UNDER THE ADDITIONAL IMPOSED LOADS OF THE CONTAINMENT SYSTEM, SEE SPECIAL PROVISIONS.

THE AREAS DESIGNATED TO BE CLEANED PER NEAR WHITE BLAST CLEANING SSPC-SP10 SHALL BE PAINTED ACCORDING TO THE REQUIREMENTS OF PAINT SYSTEM 1 - OZ/E/U. THE COLOR OF THE FINAL FINISH COAT FOR ALL INTERIOR STEEL SURFACES SHALL BE GRAY, MUNSELL NO 5B 7/1.

APPROACH/ FIXED BRIDGES

LOC'S 1 (SN 016-1061) AND 2 (SN 016-1053)

ALL BEAMS, BEARINGS AND OTHER STRUCTURAL STEEL WITHIN FIVE (5) FT., (MEASURED ALONG THE BEAM) OF EITHER SIDE OF ALL DECK JOINTS, SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING SSPC-SP10.

BASCULE BRIDGE

LOC 3 (SN 016-0202)

PARTIAL AREAS OF THE EXISTING STEEL BRIDGE SHALL BE PAINTED. ONLY THE CLOUDED AREAS OF EXISTING STEEL AS SHOWN ON THE PLANS SHALL BE PAINTED AND AREAS NOTED SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING SSPC-SP10.

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL PAINT NOTES

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 383	2010-051 BP	COOK	43	5

CONTRACT NO. 60L32

SUMMARY OF QUANTITIES

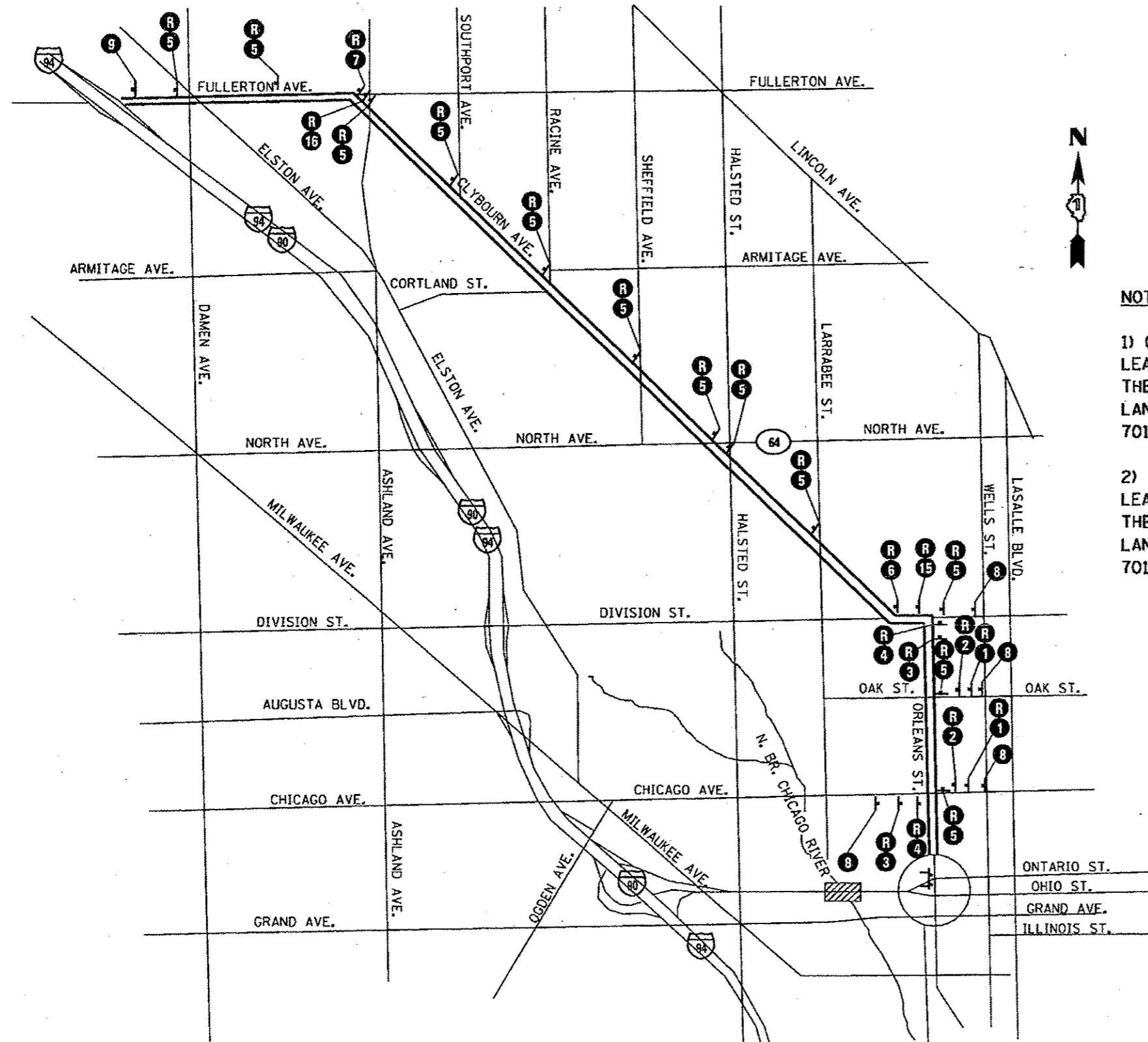
CODE NO	DESCRIPTION	UNITS	URBAN 100% STATE TOTAL	CONSTRUCTION TYPE CODE: 0014						
				LOC 1 016-1061	LOC 2 016-1053	LOC 3 016-0202				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	1	1	4				
67100100	MOBILIZATION	L SUM	1	0.33	0.33	0.34				
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1			1				
X0327407	CORRUGATED FIBERGLASS SIDING PANELS	SQ FT	7000			7000				
X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1			1				
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1			1				
Z0007112	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES	L SUM	1	0.33	0.33	0.34				
Z0010501	CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1	1						
Z0010502	CLEANING AND PAINTING STEEL BRIDGE NO. 2	L SUM	1		1					
Z0010503	CLEANING AND PAINTING STEEL BRIDGE NO. 3	L SUM	1			1				
Z0049901	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 1	L SUM	1			1				

ILLINOIS DEPARTMENT OF
TRANSPORTATION

SUMMARY OF QUANTITIES

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 383	2010-051 BP	COOK	43	6

CONTRACT NO. 60L32



LEGEND

- WORK ZONE
- SIGN PANEL
- TYPE III BARRICADE w/ 2 STEADY BURN LIGHTS EACH (2 OR MORE)

- NOTE:**
- 1) OUTBOUND OHIO ST. DETOUR SHALL BE USED WHEN PAINTING N. BRIDGE LEAVES DURING THE HOURS SHOWN IN THE SPECIAL PROVISION "KEEPING THE EXPRESSWAY OPEN TO TRAFFIC". WHILE OUTBOUND IS CLOSED SINGLE LANE CLOSURES FOR THE INBOUND TRAFFIC CAN BE INSTALLED USING STANDARDS 701400 & 701401.
 - 2) INBOUND OHIO ST. DETOUR SHALL BE USED WHEN PAINTING S. BRIDGE LEAVES DURING THE HOURS AND AS NOTED IN THE SPECIAL PROVISION "KEEPING THE EXPRESSWAY OPEN TO TRAFFIC". WHILE INBOUND IS CLOSED SINGLE LANE CLOSURES FOR THE OUTBOUND TRAFFIC CAN BE INSTALLED USING STANDARDS 701400 & 701401.

OUTBOUND OHIO ST DETOUR

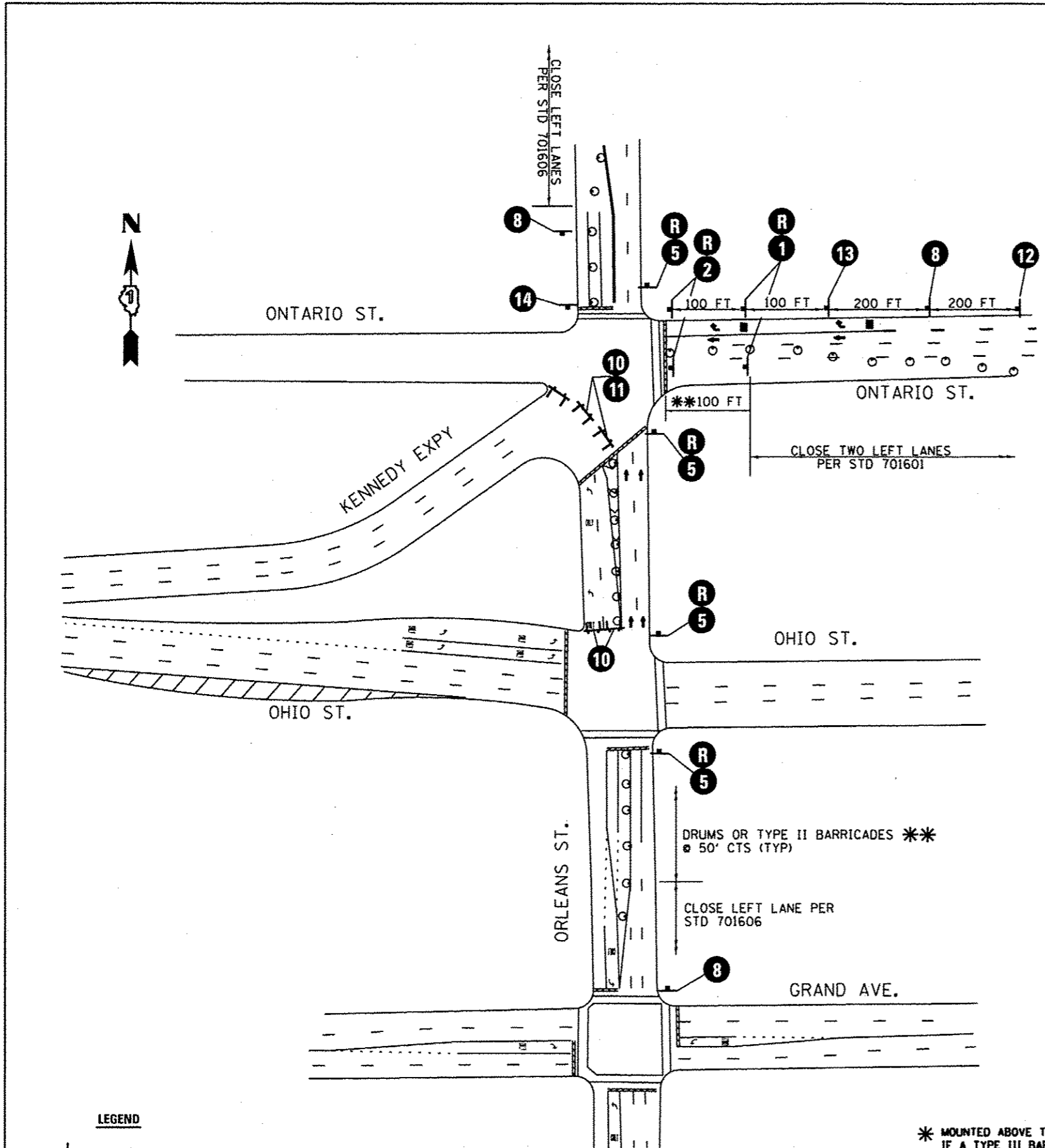
SEE DETAIL A
(SHEET 2 OF 2)

SHEET 1 OF 2

**ILLINOIS DEPARTMENT OF
TRANSPORTATION**

DETOUR DETAILS

OHIO ST. FEEDER



DETAIL A

* MOUNTED ABOVE TYPE III BARRICADES
 IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

- DETOUR M4-8(O) 2412
- 90 94
- R
- M5-1R(O) 2115
- 1
- M6-1(O) 2115
- 2
- M5-1L(O) 2115
- 3
- M6-1(O) 2115
- 4
- M6-3(O) 2115
- 5
- M6-2R(O) 2115
- 6

- M6-2L(O) 2115
- 7
- DETOUR AHEAD
- W20-2(O)-48
- 8
- END DETOUR M4-8A 2418
- 9
- ROAD CLOSED R11-2B 4830
- * 10
- DETOUR M4-10R(O) 4818
- * 11
- ROAD CLOSED AHEAD
- W20-3(O)-48
- 12

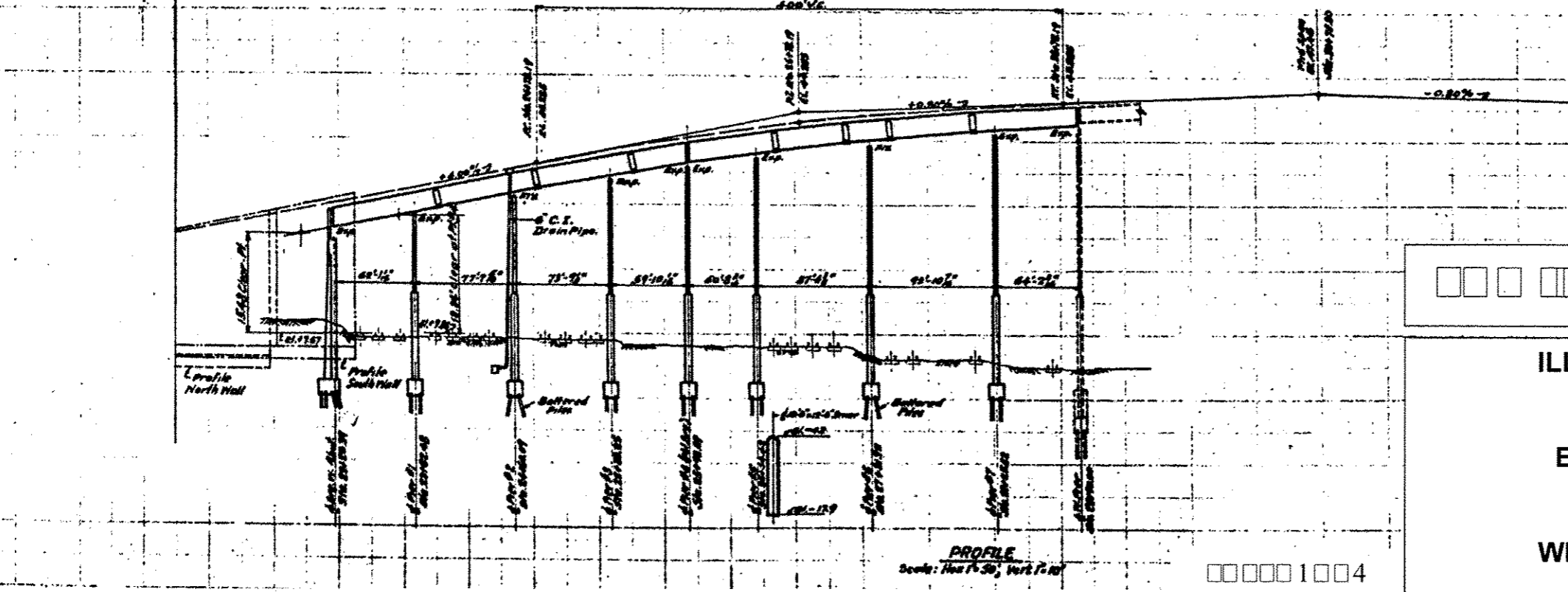
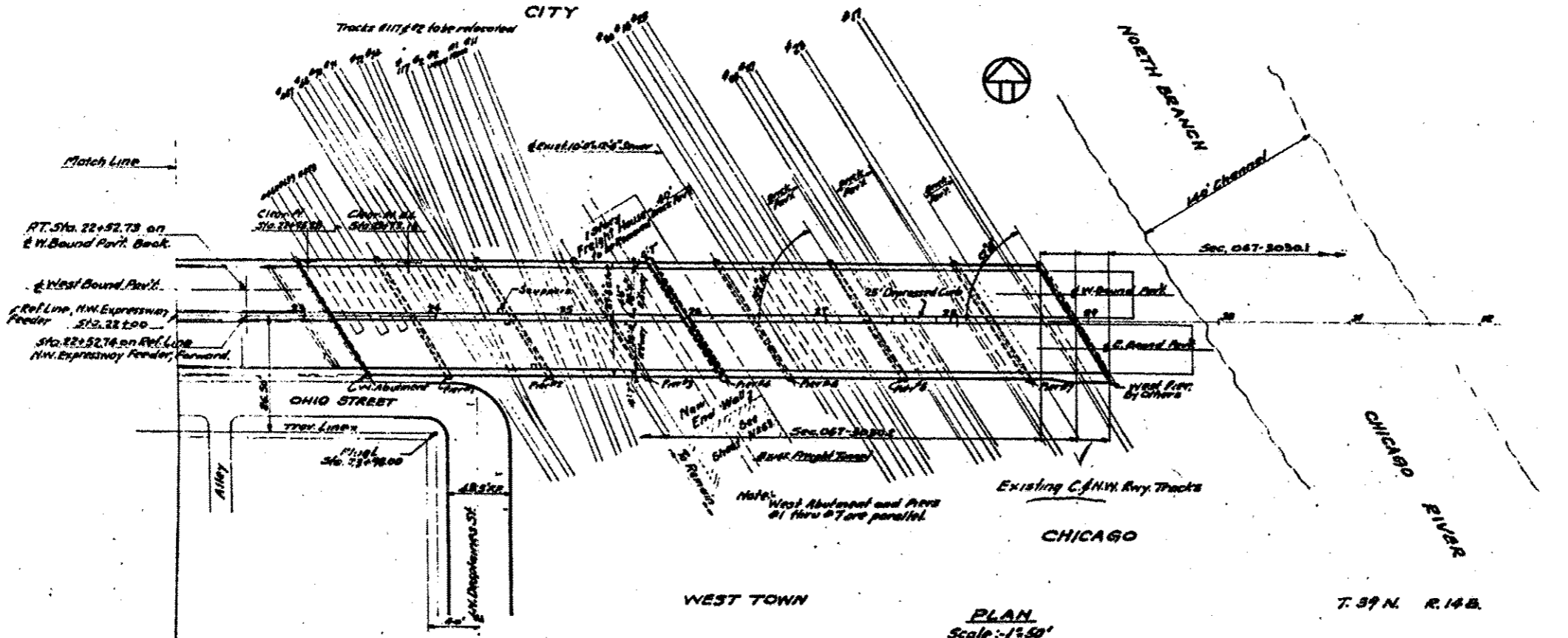
- ROAD CLOSED 200 FT
- W20-3(O)-48
- 13
- R3-5R
- 14
- M5-2R(O) 2115
- 15
- M5-2L(O) 2115
- 16

LEGEND
 SIGN PANEL
 TYPE III BARRICADE W/ 2 STEADY BURN LIGHTS EACH (2 OR MORE)

FILE NAME =	USER NAME = pyznowakrb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OHIO ST. OUTBOUND DETOUR DETAILS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0168010-sht-plen.dgn	0168010-sht-plen.dgn	DRAWN -	REVISED -		SCALE:	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.				7
PLOT SCALE = 100.0000 1/4 in.		CHECKED -	REVISED -		CONTRACT NO.							
PLOT DATE = 10/2/2012		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 383	2010-051 BP	COOK	43	8

CONTRACT NO. 60L32



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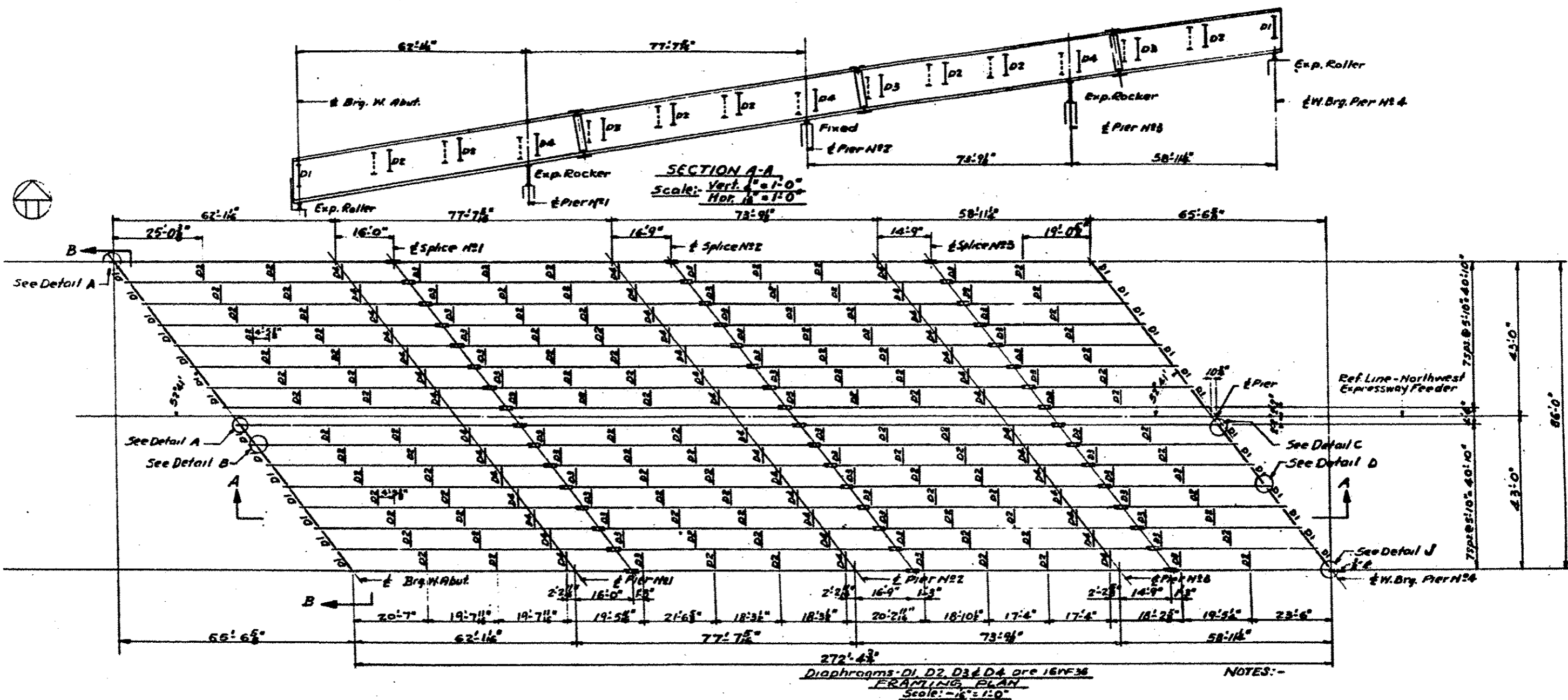
ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING BRIDGE PLAN

SN 016-1061
WEST APPROACH BRIDGE
OHIO ST. FEEDER

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 383	2010-051 BP	COOK	43	9

CONTRACT NO. 60L32



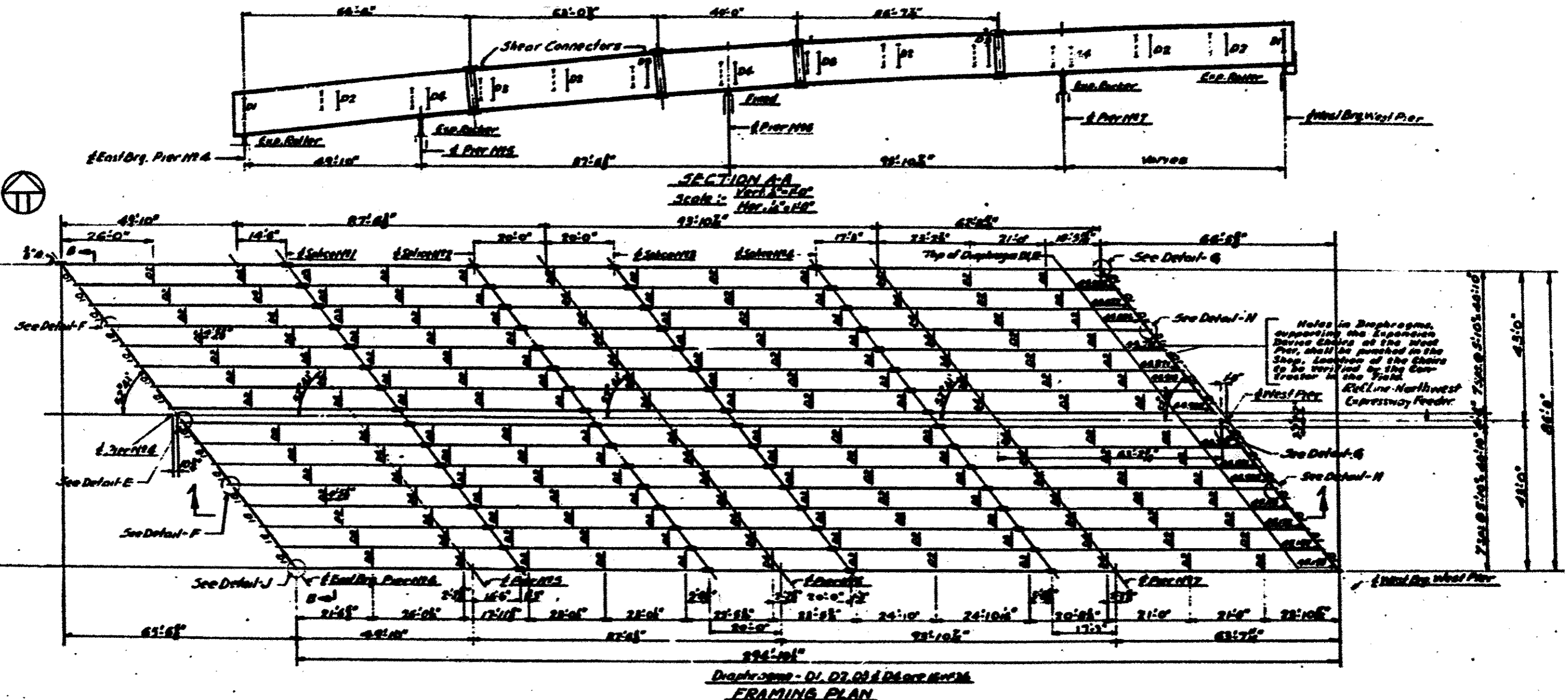
ILLINOIS DEPARTMENT OF
 TRANSPORTATION

EXISTING FRAMING PLAN

SN 016-1061
 WEST APPROACH BRIDGE
 OHIO ST. FEEDER

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 383	2010-051 BP	COOK	43	10

CONTRACT NO. 60L32



ILLINOIS DEPARTMENT OF
TRANSPORTATION

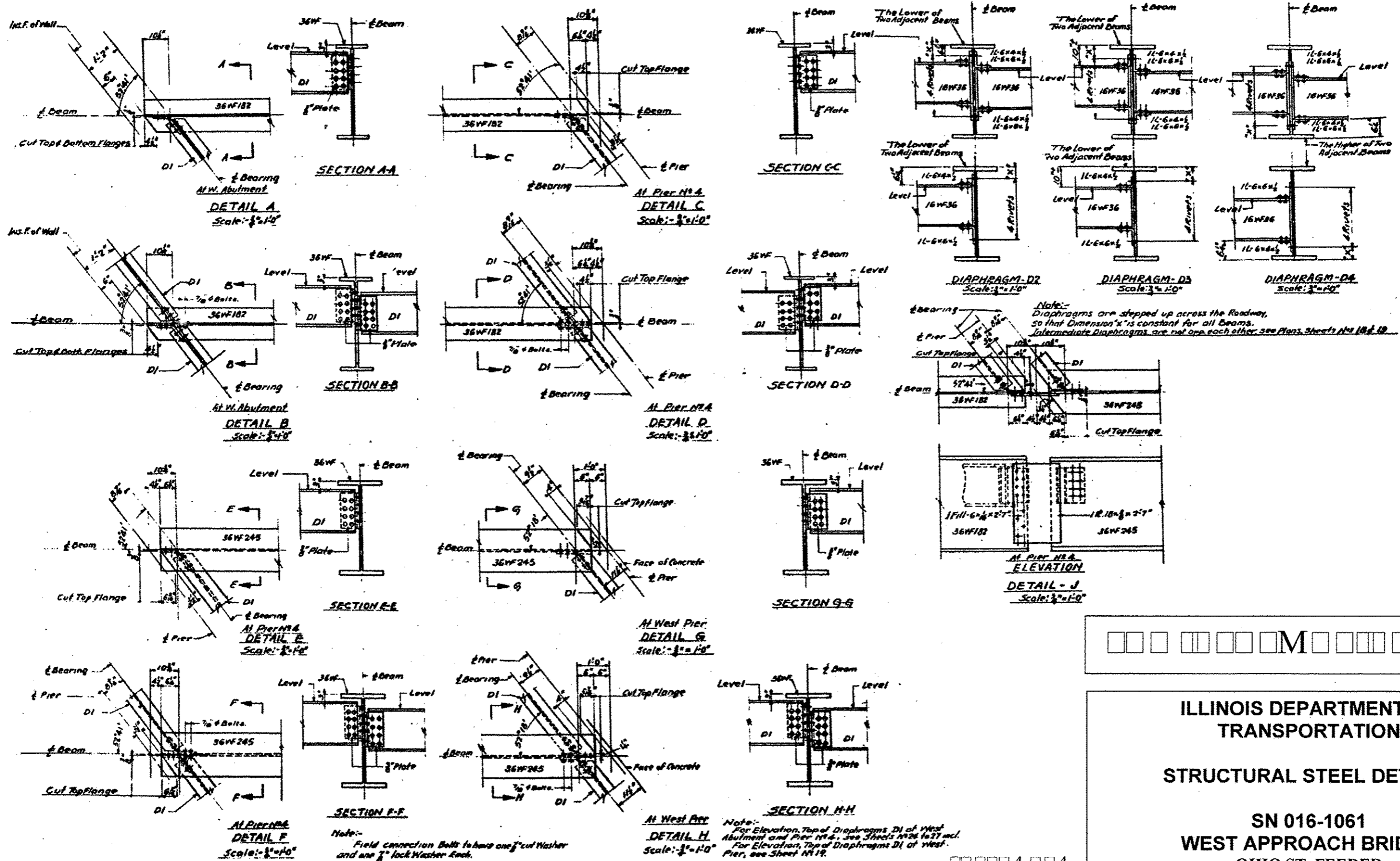
EXISTING FRAMING PLAN

SN 016-1061
WEST APPROACH BRIDGE
OHIO ST. FEEDER

□□□□ 3 □□ 4

ROUTE FAP 383	SECTION 2010-051 BP	COUNTY COOK	TOTAL SHEETS 43	SHEET NUMBER 11
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CONTRACT NO. 60L32



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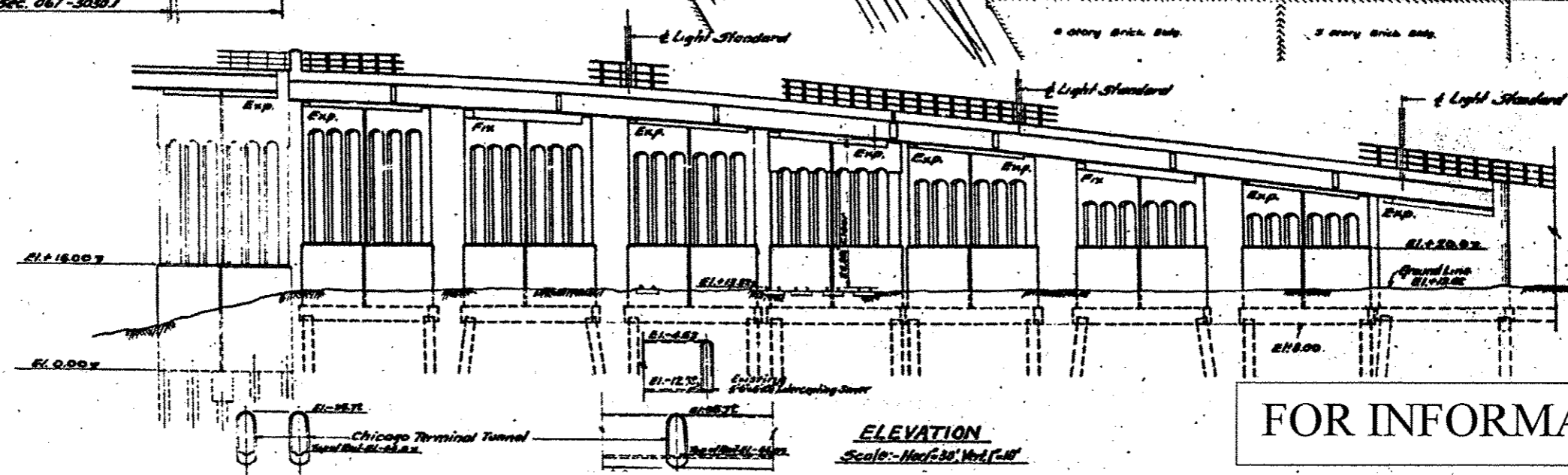
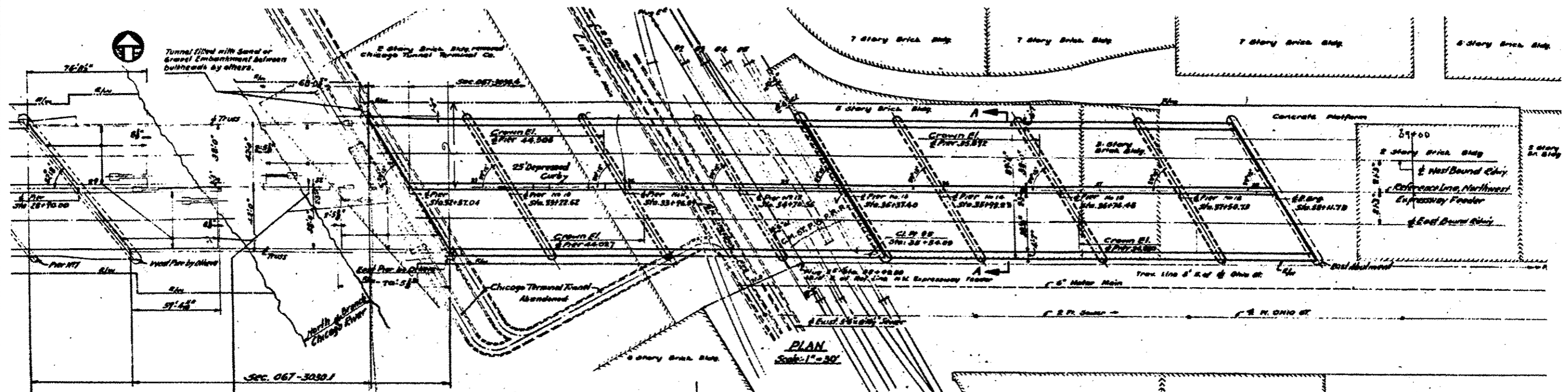
ILLINOIS DEPARTMENT OF
TRANSPORTATION

STRUCTURAL STEEL DETAILS

SN 016-1061
WEST APPROACH BRIDGE
OHIO ST. FEEDER

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 383	2010-051 BP	COOK	43	12

CONTRACT NO. 60L32



FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF
TRANSPORTATION

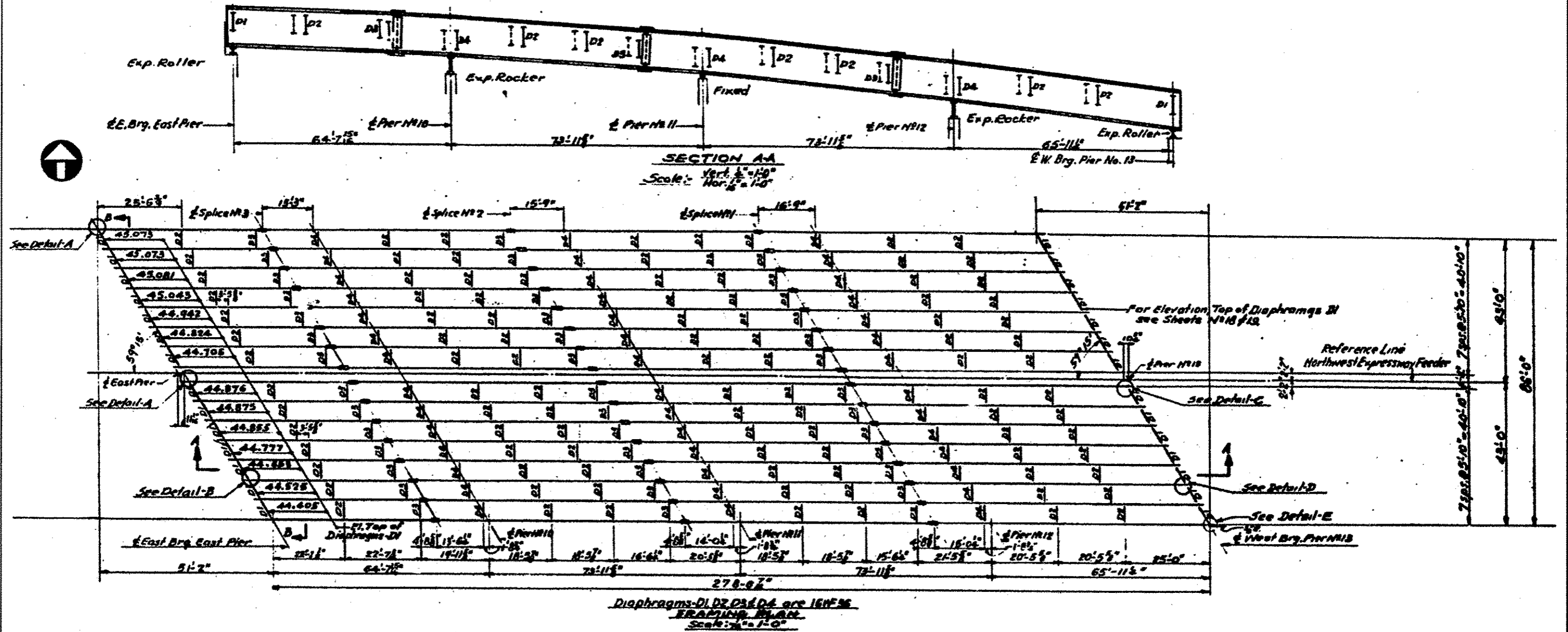
EXISTING BRIDGE PLAN

SN 016-1053
EAST APPROACH BRIDGE
OHIO ST. FEEDER

SHEET 1 OF 4

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 383	2010-051 BP	COOK	43	13

CONTRACT NO. 60L32



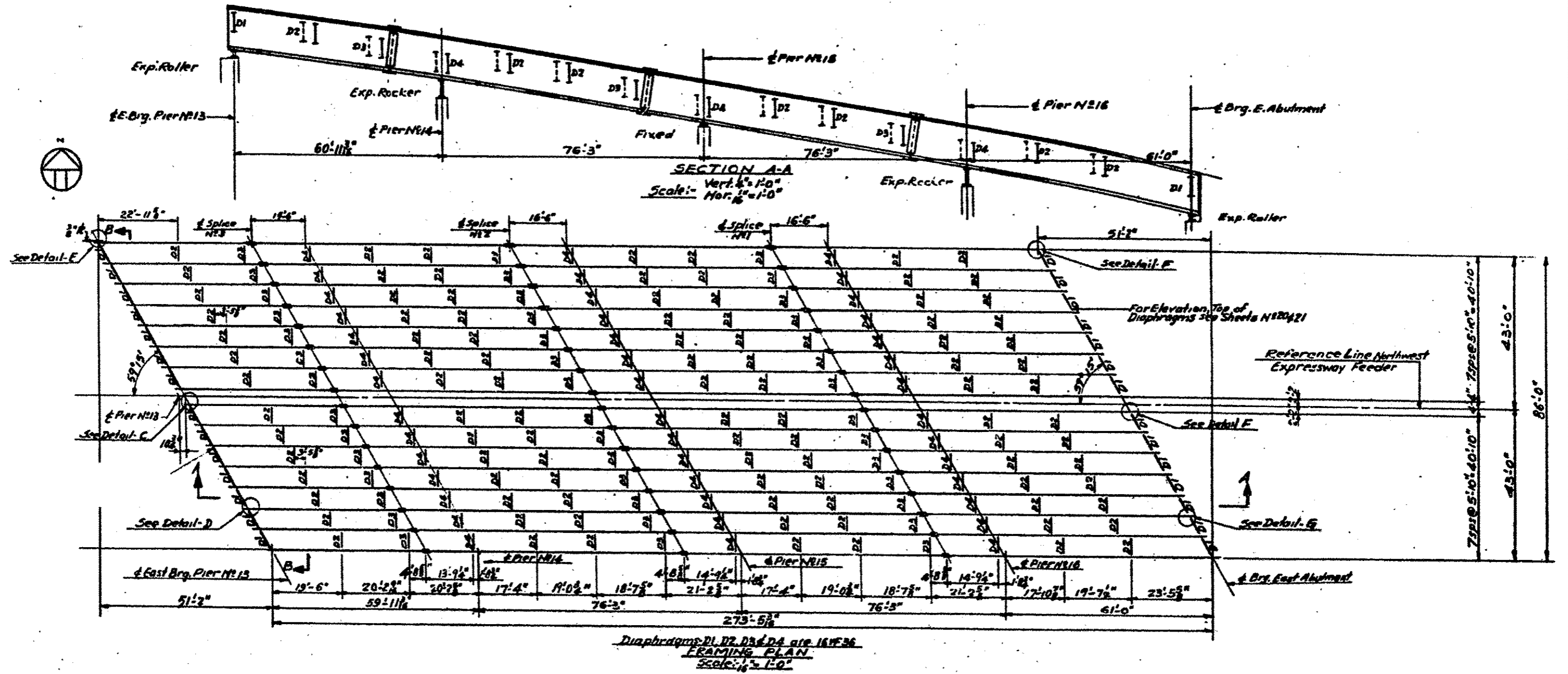
ILLINOIS DEPARTMENT OF
TRANSPORTATION

FRAMING PLAN

SN 016-1053
EAST APPROACH BRIDGE
OHIO ST. FEEDER

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 383	2010-051 BP	COOK	43	14

CONTRACT NO. 60L32



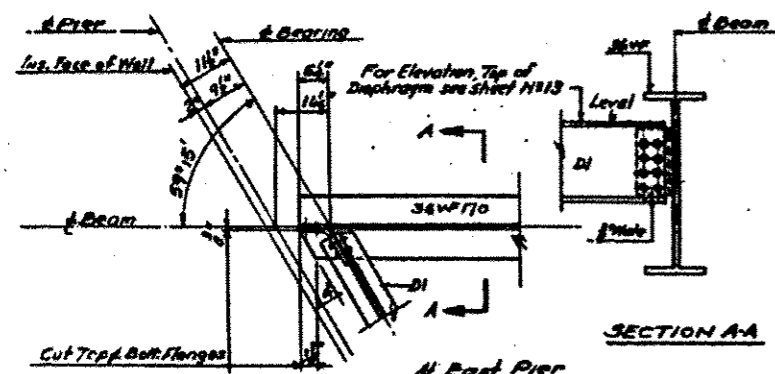
ILLINOIS DEPARTMENT OF
TRANSPORTATION

FRAMING PLAN

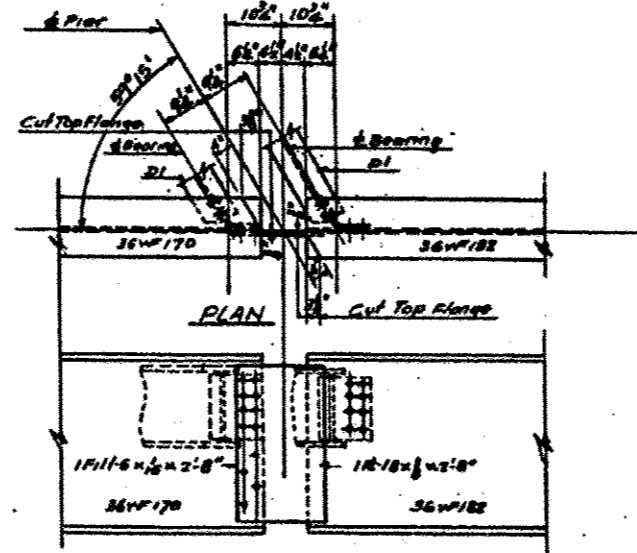
SN 016-1053
EAST APPROACH BRIDGE
OHIO ST. FEEDER

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 383	2010-051 BP	COOK	43	15

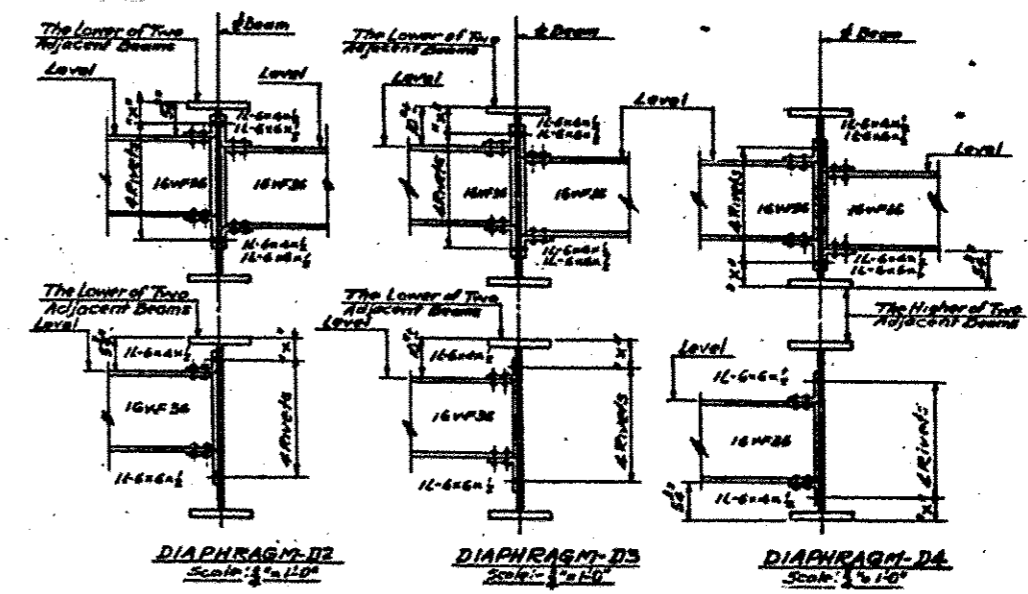
CONTRACT NO. 60L32



SECTION A-A
At East Pier
DETAIL A
Scale: 3/4" = 1'-0"

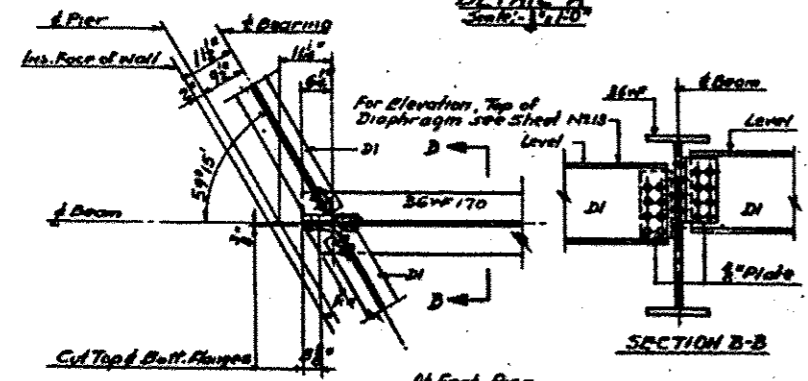


PLAN
ELEVATION At Pier #18
DETAIL-E
Scale: 3/4" = 1'-0"

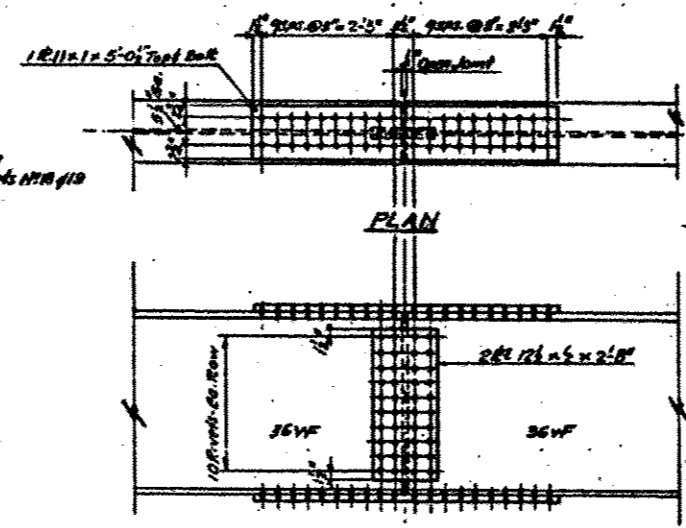


DIAPHRAGM-D2 Scale: 3/4" = 1'-0"
DIAPHRAGM-D3 Scale: 3/4" = 1'-0"
DIAPHRAGM-D4 Scale: 3/4" = 1'-0"

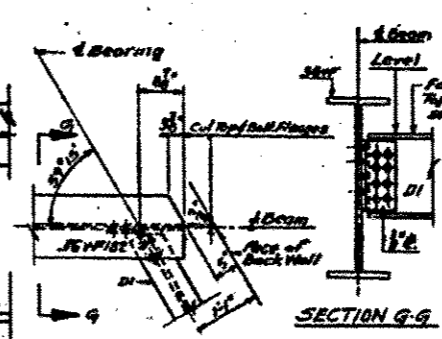
Note: Diaphragms are stepped up across the roadway, so that Dimension 'x' is constant for all Beams. Intermediate Diaphragms are not opp. each other, see Plan, Sheets #13 & 14.



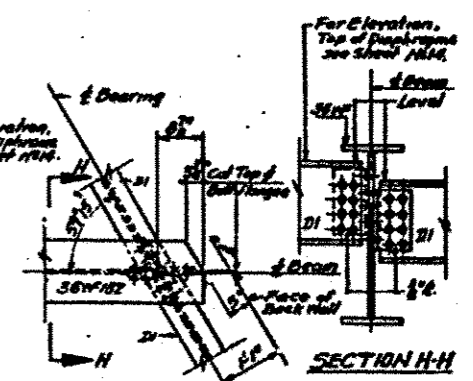
SECTION B-B
At East Pier
DETAIL B
Scale: 3/4" = 1'-0"



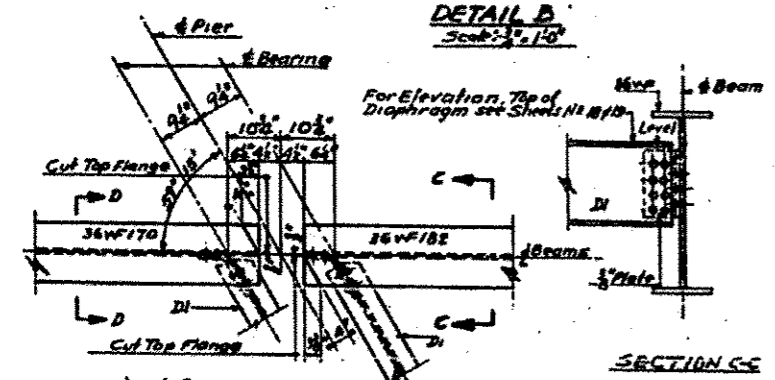
TYPICAL SPLICE DETAIL
Scale: 3/4" = 1'-0"



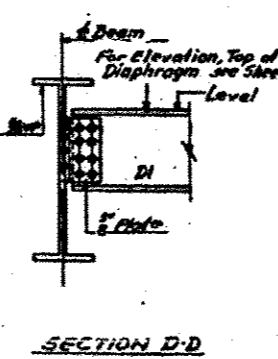
At East Abutment
DETAIL F
Scale: 3/4" = 1'-0"



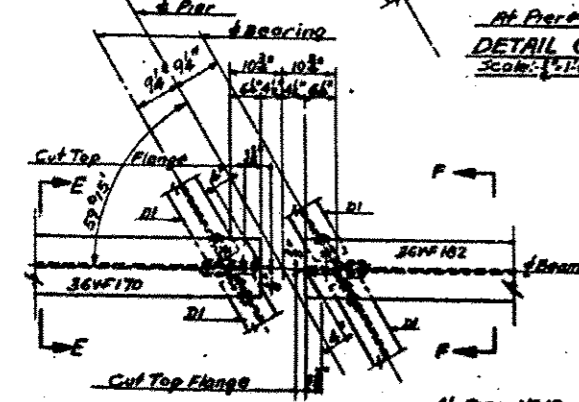
At East Abutment
DETAIL G
Scale: 3/4" = 1'-0"



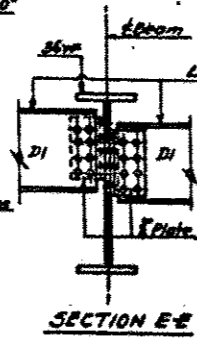
SECTION C-C
At Pier #18
DETAIL C
Scale: 3/4" = 1'-0"



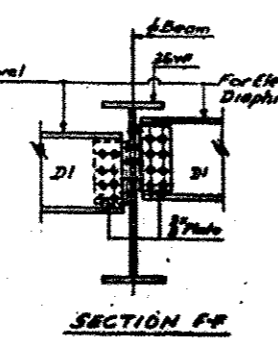
SECTION D-D



At Pier #18
DETAIL D
Scale: 3/4" = 1'-0"



SECTION E-E



SECTION F-F

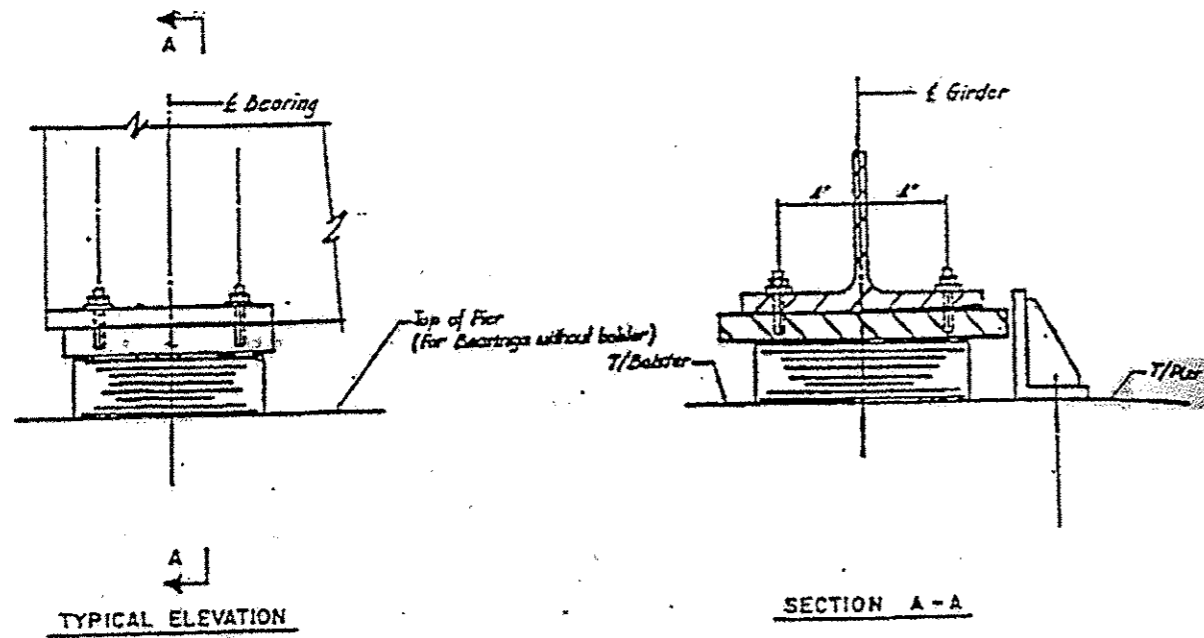
FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF
TRANSPORTATION
STRUCTURAL STEEL DETAILS

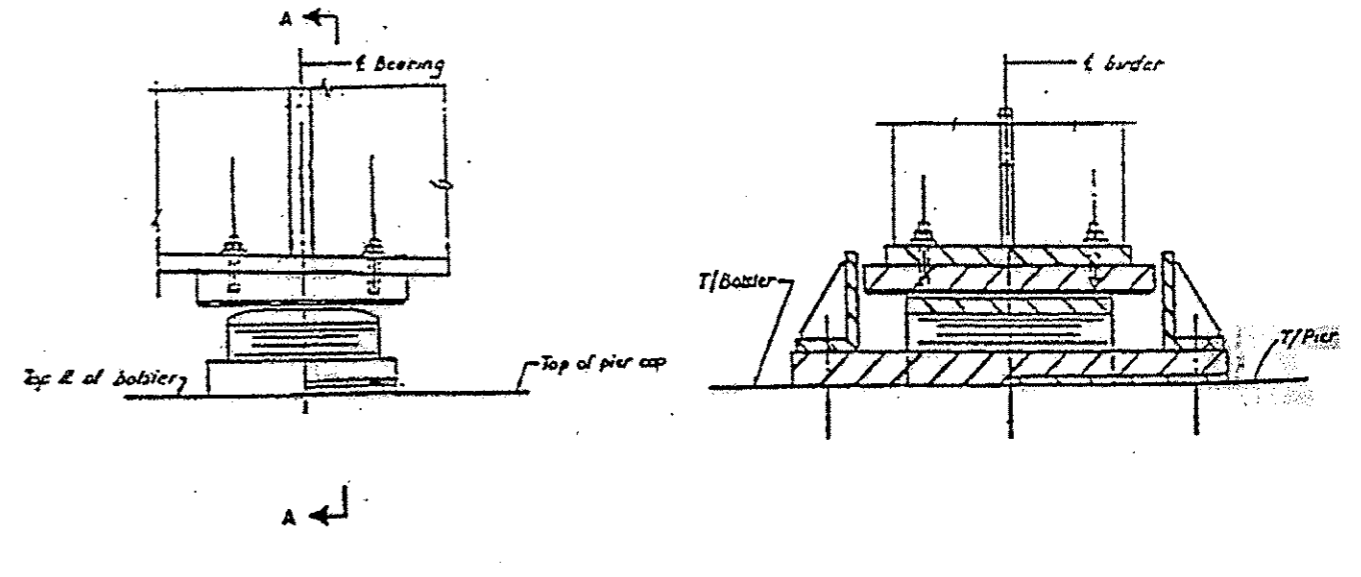
SN 016-1053
EAST APPROACH BRIDGE
OHIO ST. FEEDER

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 383	2010-051 BP	COOK	43	16

CONTRACT NO. 60L32



TYPE I ELASTOMERIC EXPANSION BEARING



TYPE II TFE ELASTOMERIC EXPANSION BEARING

ELASTOMERIC PORTION OF BEARINGS SHALL BE PROTECTED DURING CLEANING AND PAINTING OPERATIONS.

BEARINGS

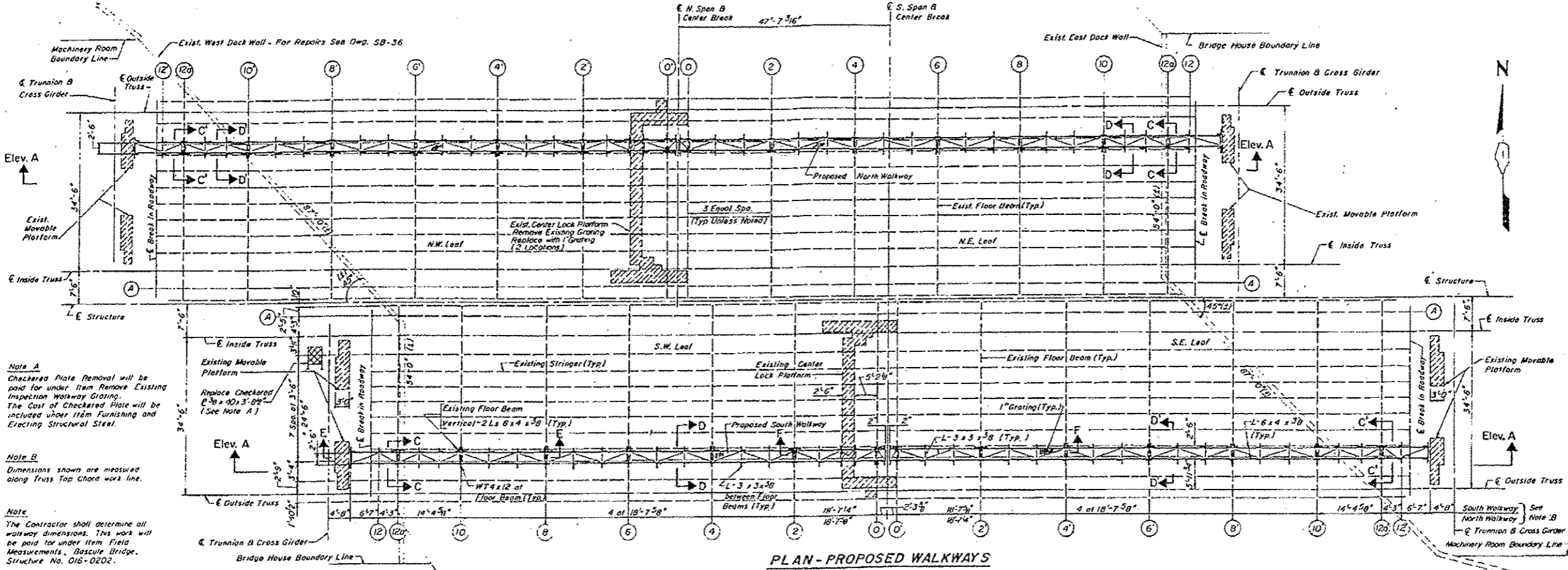
ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING BEARINGS

WEST & EAST APPROACH BRIDGE
OHIO ST. FEEDER

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 383	2010-051 BP	COOK	43	17

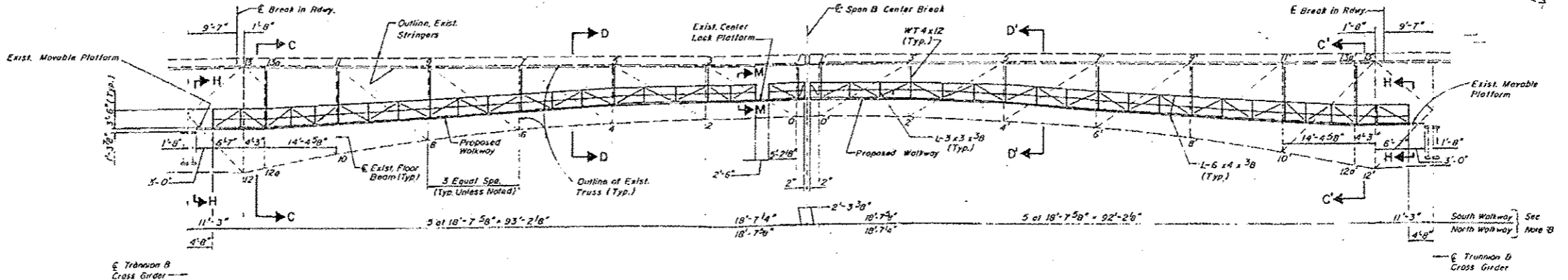
CONTRACT NO. 60L32



Note A
 Checkered Plate Removal will be paid for under Item Remove Existing Inspection Walkway Grating. The Cost of Checkered Plate will be included under Item Furnishing and Erecting Structural Steel.

Note B
 Dimensions shown are measured along Truss Top Chord work line.

Note
 The Contractor shall determine all walkway dimensions. This work will be paid for under Item Field Measurements. Bascule Bridge, Structure No. 016-0202.



ELEVATION A - A

FOR INFORMATION ONLY

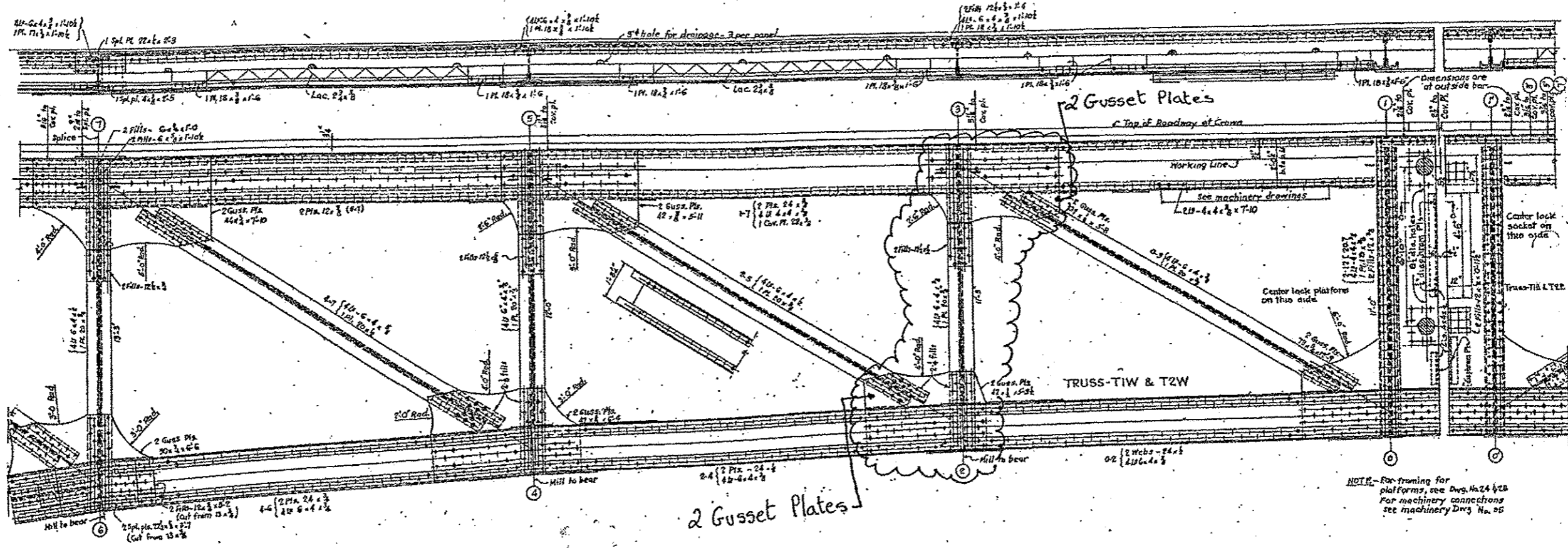
ILLINOIS DEPARTMENT OF
 TRANSPORTATION

EXISTING BRIDGE PLAN

SN 016-0202
 OHIO ST. FEEDER

ROUTE FAP 383	SECTION 2010-051 BP	COUNTY COOK	TOTAL SHEETS 43	SHEET NUMBER 18
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CONTRACT NO. 60L32



CLOUDED AREAS DESIGNATE:
CLEANING AND PAINTING STEEL BRIDGE

Note:
- Paint Vertical 2-3 & Gusset Plates of
Inside Trusses for Inbound & Outbound
- 4 Locations

INSIDE TRUSS - PANEL 0-6

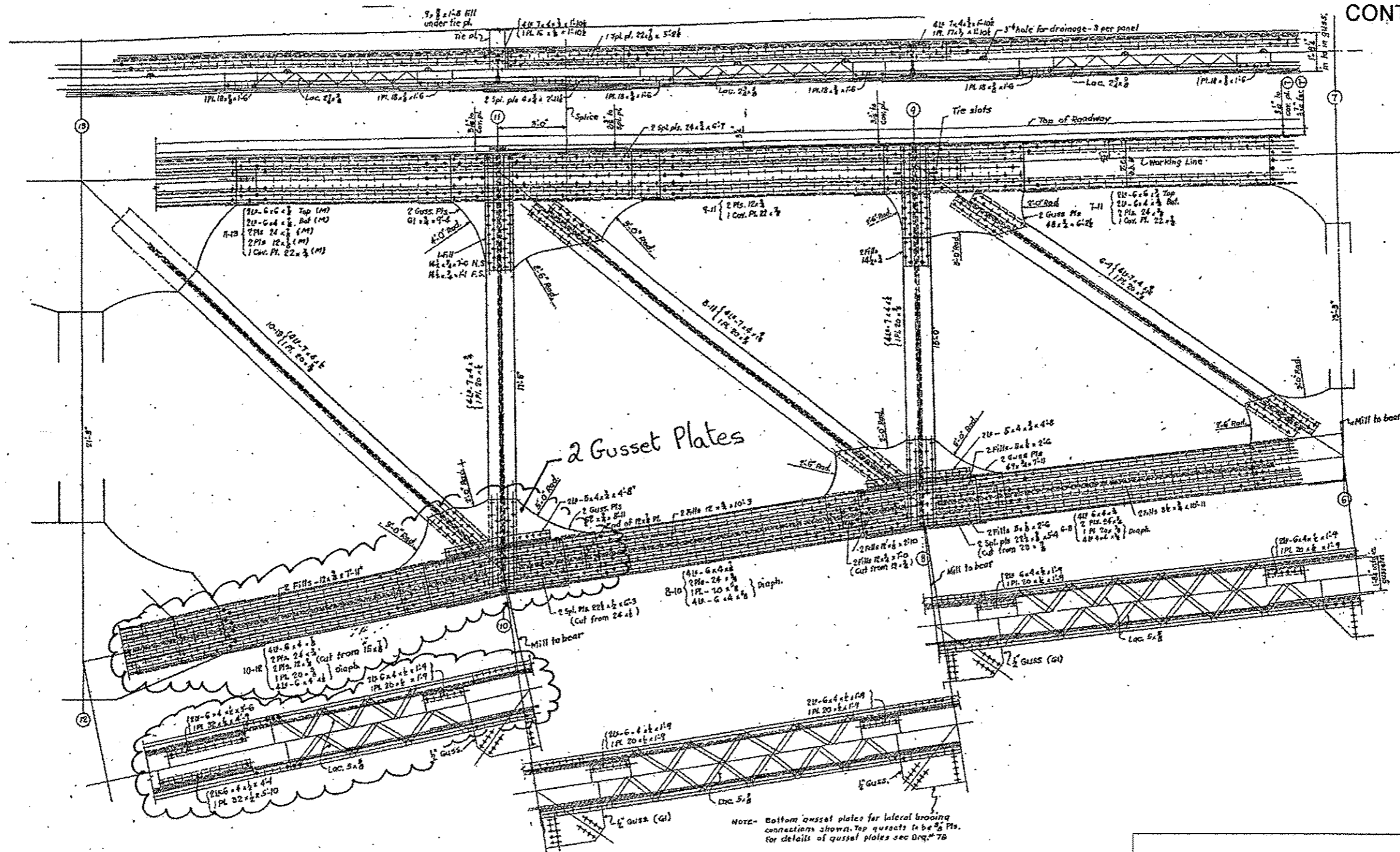
ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING BRIDGE PLAN

SN 016-0202
OHIO ST. FEEDER

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 383	2010-051 BP	COOK	43	19

CONTRACT NO. 60L32



Note:
 - Paint 10-12, 10'-12' and Gusset Plates of Inside & Outside (Inbound & Outbound)
 - 8 Locations

CLOUDED AREAS DESIGNATE:
 CLEANING AND PAINTING STEEL BRIDGE

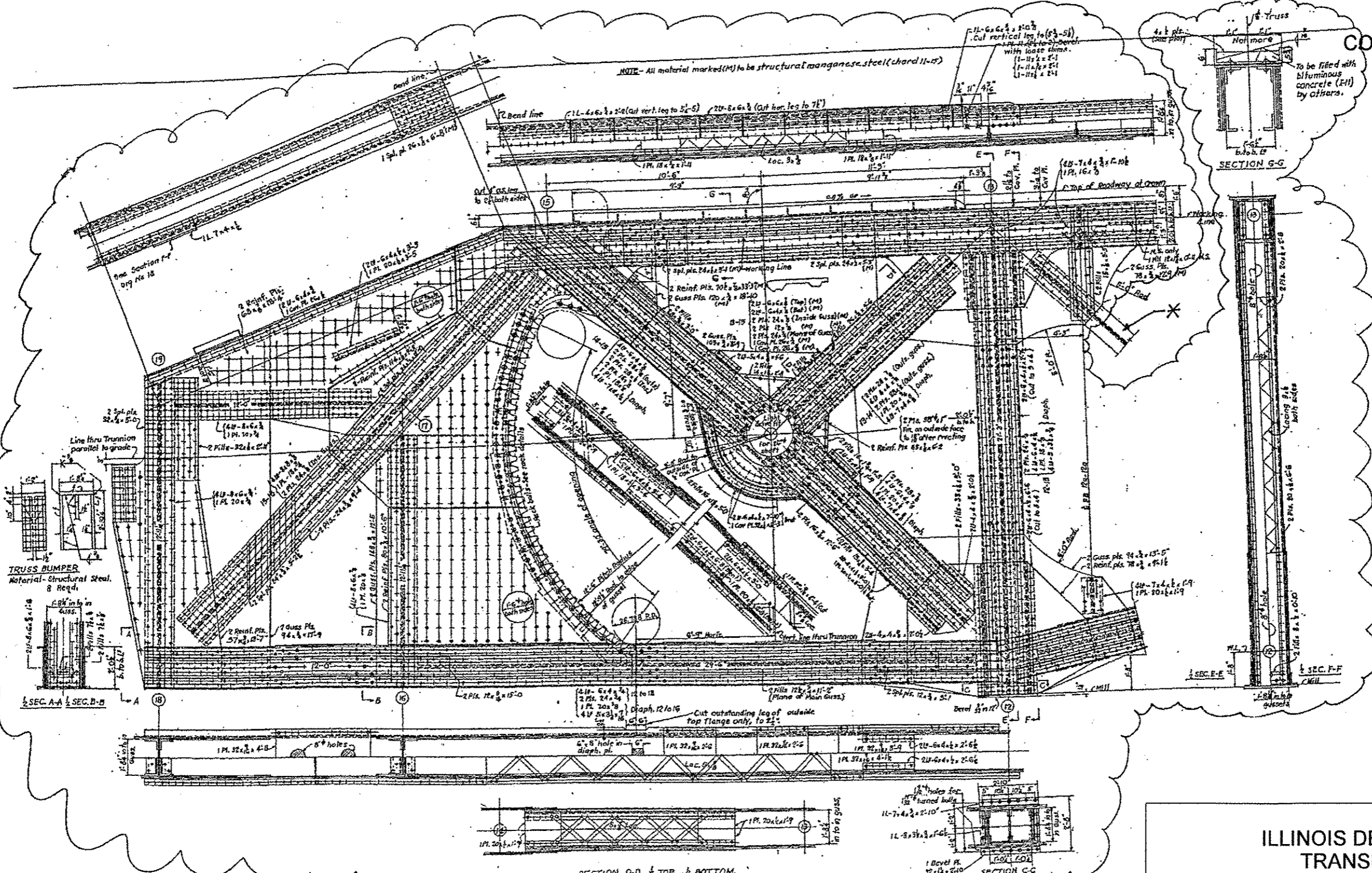
TRUSS - PANELS 6-12 & 6'-12'

ILLINOIS DEPARTMENT OF TRANSPORTATION
 EXISTING BRIDGE PLAN
 SN 016-0202
 OHIO ST. FEEDER

ROUTE FAP 383	SECTION 2010-051 BP	COUNTY COOK	TOTAL SHEETS 43	SHEET NUMBER 20
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CONTRACT NO. 60L32

* Do not Paint



CLOUDED AREAS DESIGNATE:
CLEANING AND PAINTING STEEL BRIDGE

Note
- Paint Inbound and Outbound
- 4 Locations

INSIDE TRUSS - REAR ARM

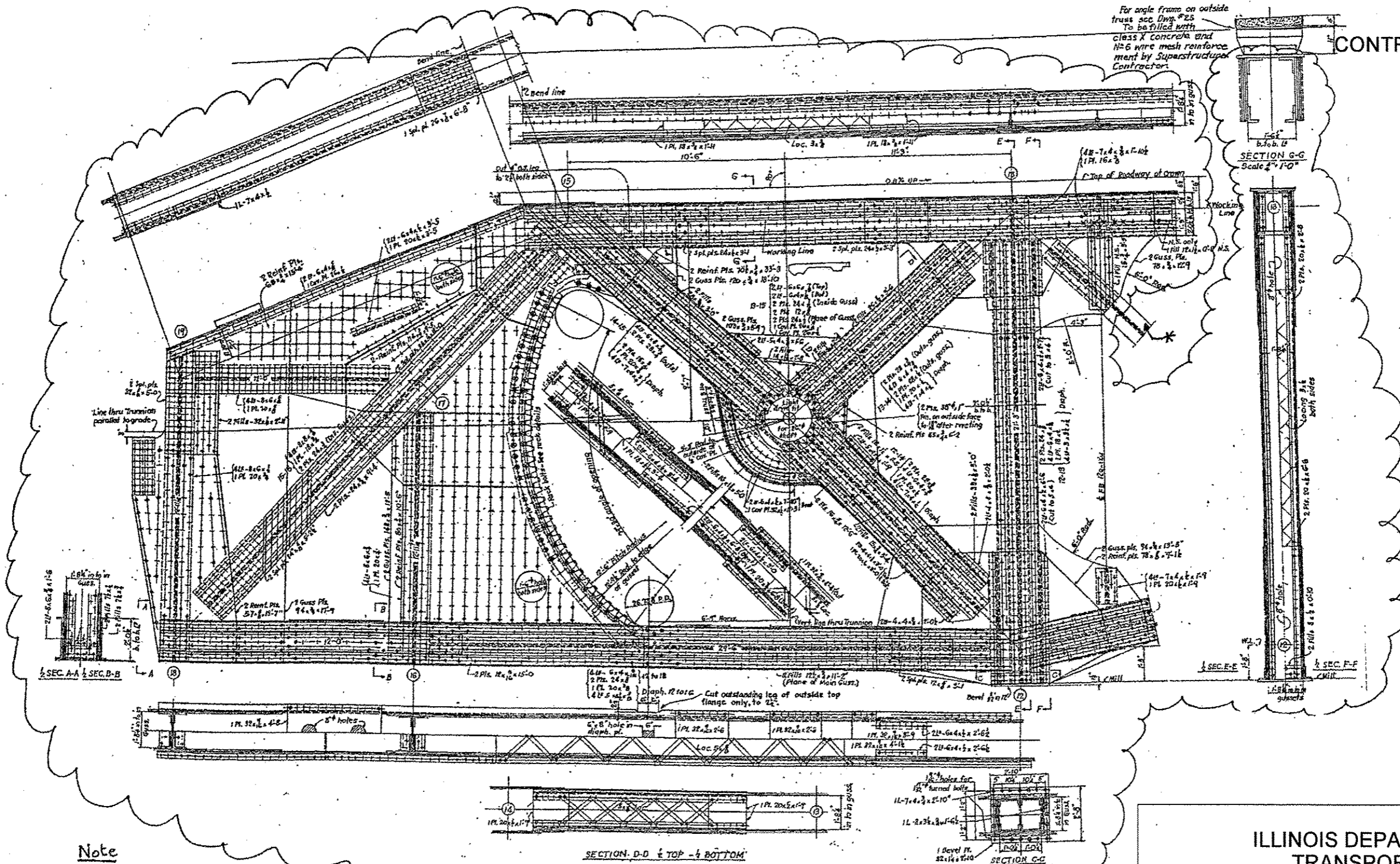
ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING BRIDGE PLAN

SN 016-0202
OHIO ST. FEEDER

ROUTE FAP 383	SECTION 2010-051 BP	COUNTY COOK	TOTAL SHEETS 43	SHEET NUMBER 21
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CONTRACT NO. 60L32



Note
 - Paint Inbound and Outbound
 - 4 Locations

CLOUDED AREAS DESIGNATE:
 CLEANING AND PAINTING STEEL BRIDGE

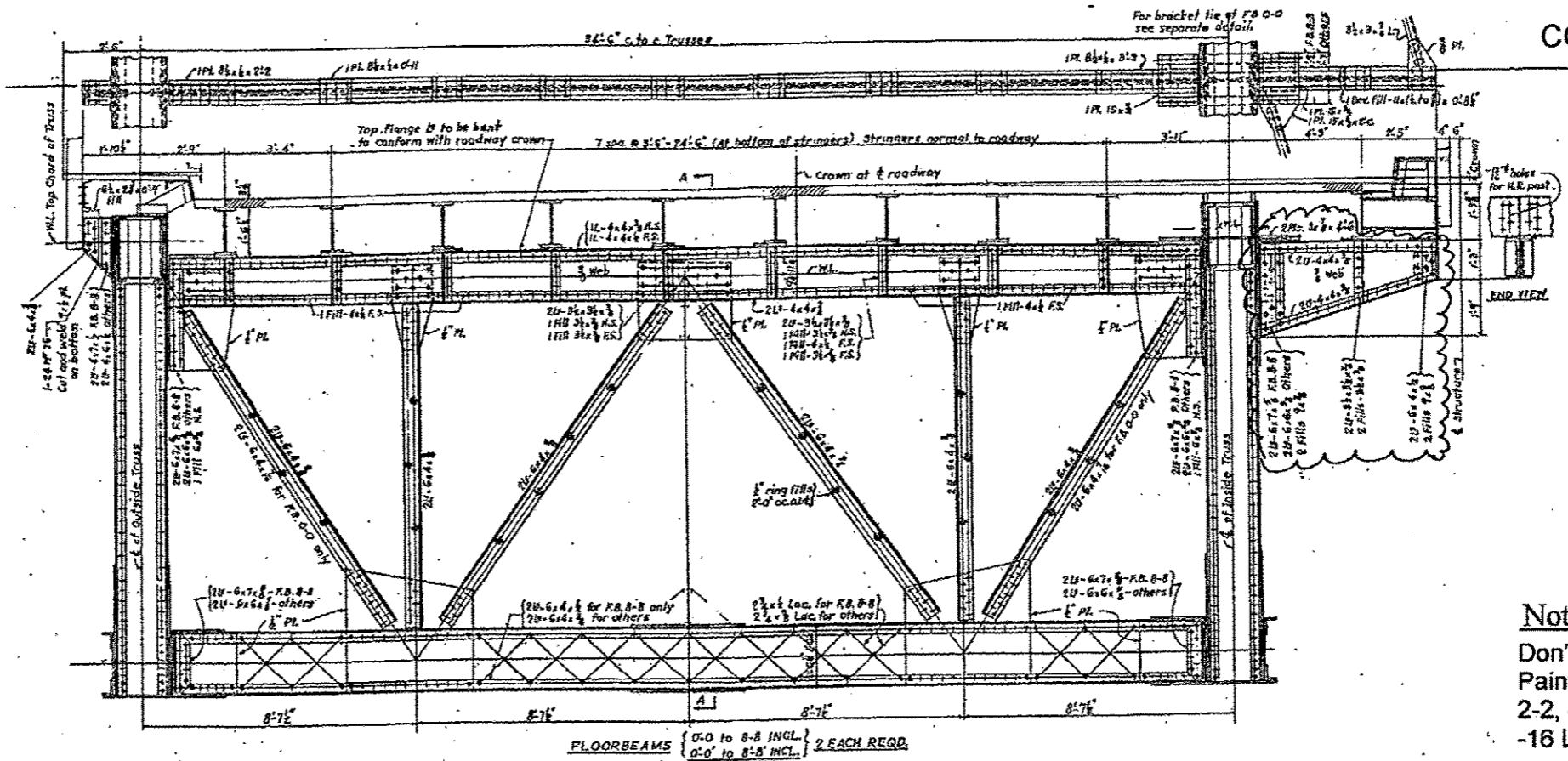
OUTSIDE TRUSS - REAR ARM

ILLINOIS DEPARTMENT OF
 TRANSPORTATION
 EXISTING BRIDGE PLAN

SN 016-0202
 OHIO ST. FEEDER

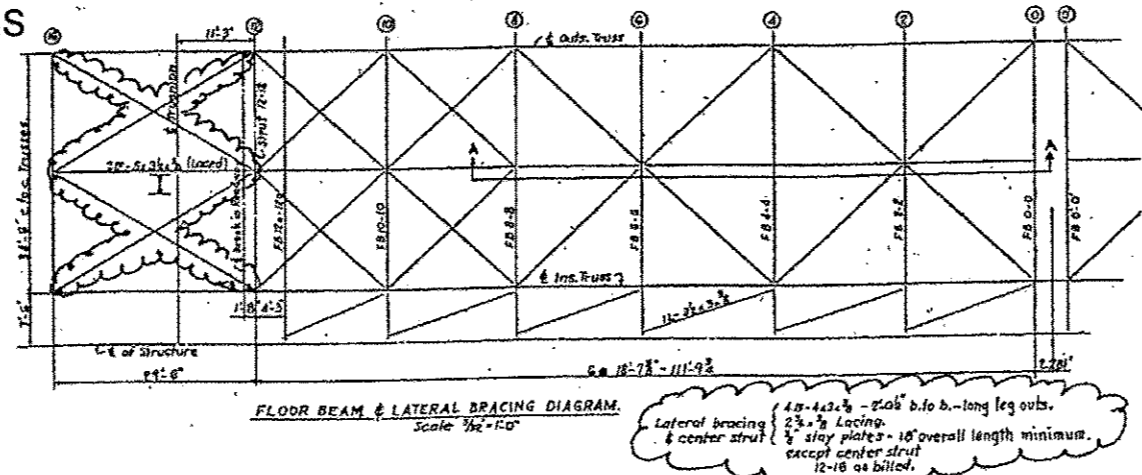
ROUTE FAP 383	SECTION 2010-051 BP	COUNTY COOK	TOTAL SHEETS 43	SHEET NUMBER 22
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CONTRACT NO. 60L32



Note:
 Don't Paint 0-0, 0'-0'
 Paint Cantilever
 2-2, 4-4, 6-6, 8-8, 2'-2', 4'-4', 6'-6' and 8'-8'
 -16 Locations

4 LOCATIONS



CLOUDED AREAS DESIGNATE:
 CLEANING AND PAINTING STEEL BRIDGE

FLOOR BEAM 0-0 TO 8-8 & 0'-0' TO 8'-8' INCLUSIVE

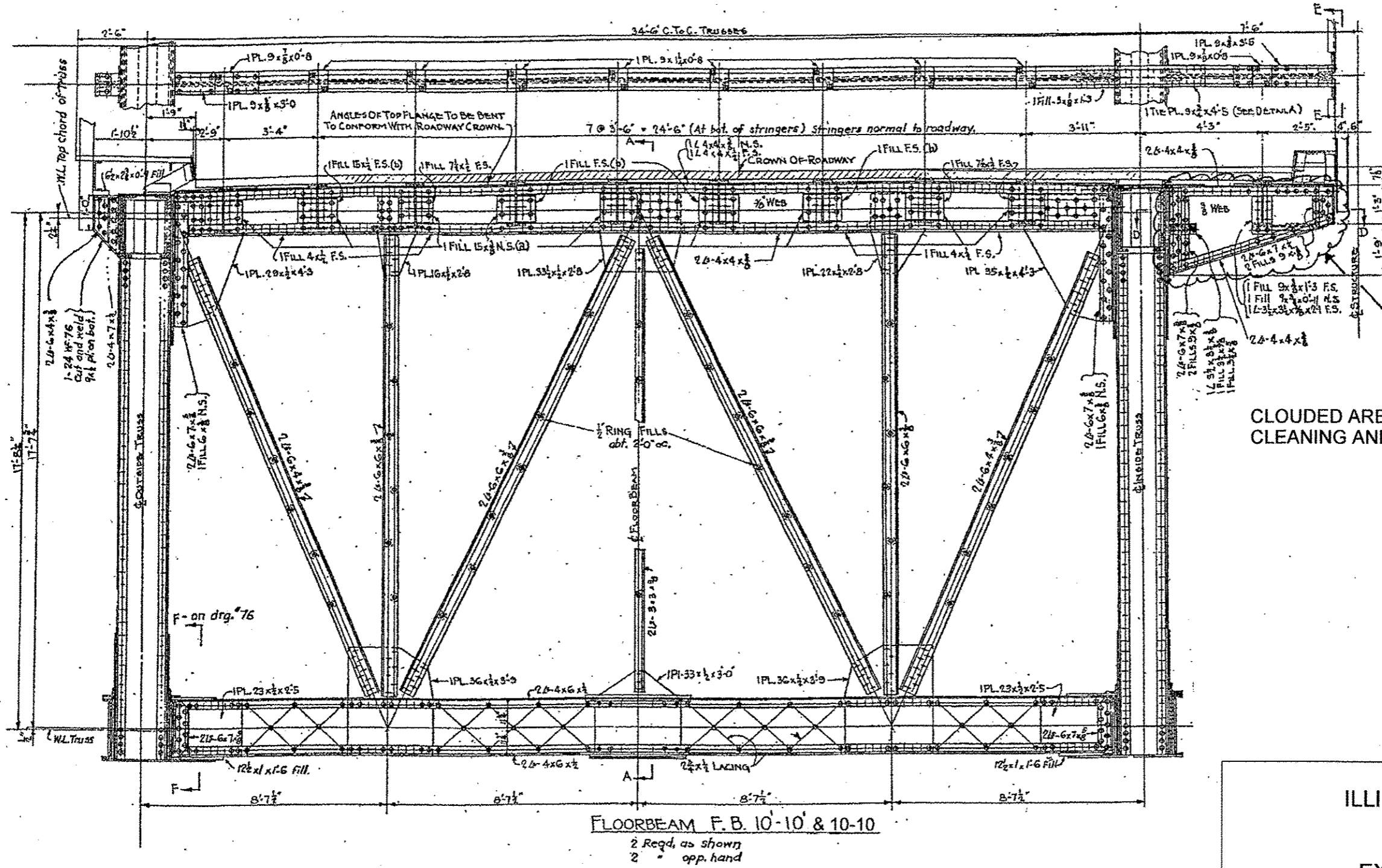
ILLINOIS DEPARTMENT OF
 TRANSPORTATION

EXISTING BRIDGE PLAN

SN 016-0202
 OHIO ST. FEEDER

ROUTE FAP 383	SECTION 2010-051 BP	COUNTY COOK	TOTAL SHEETS 43	SHEET NUMBER 23
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CONTRACT NO. 60L32



4 Locations

CLOUDED AREAS DESIGNATE:
CLEANING AND PAINTING STEEL BRIDGE

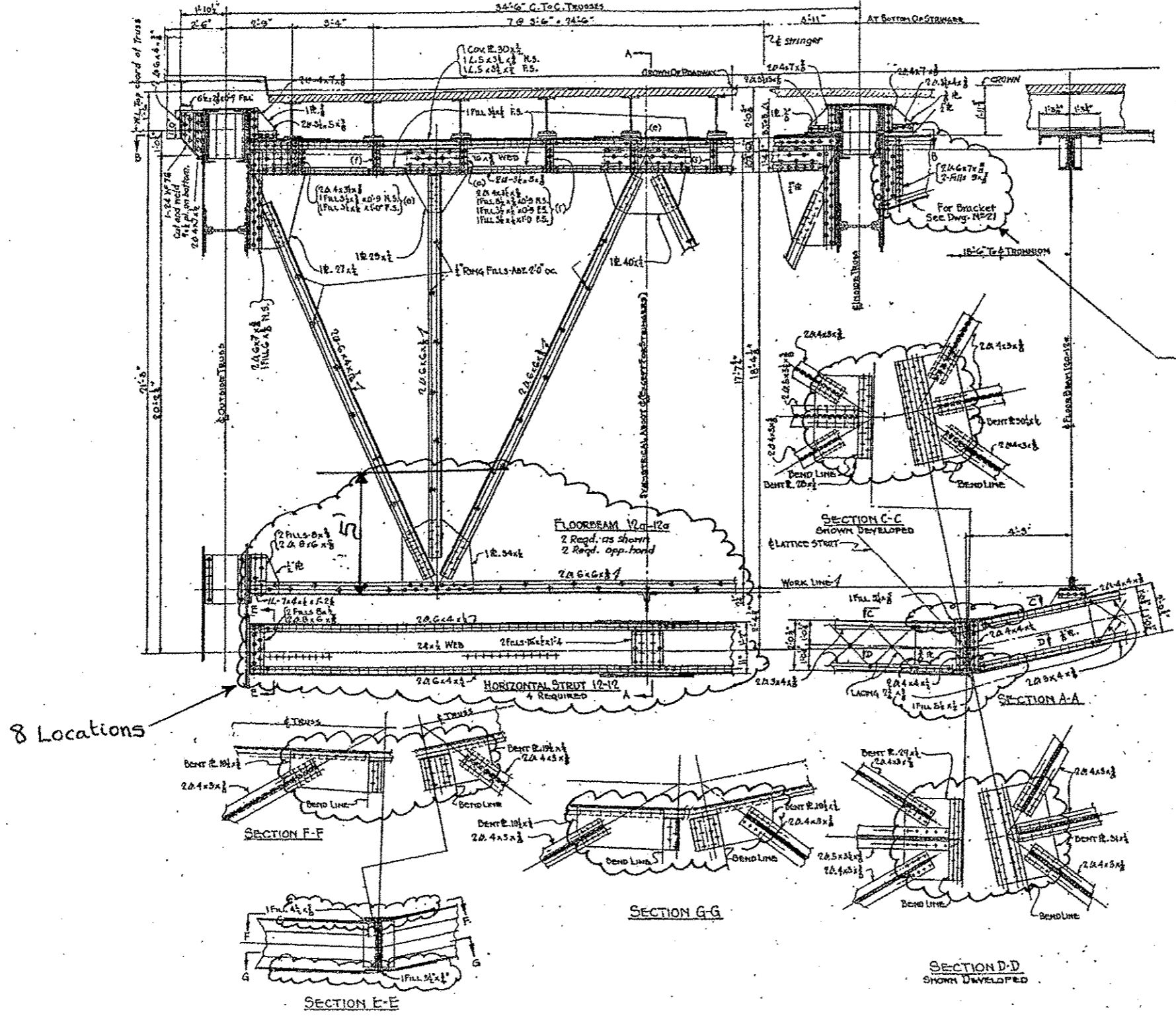
ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING BRIDGE PLAN

SN 016-0202
OHIO ST. FEEDER

ROUTE FAP 383	SECTION 2010-051 BP	COUNTY COOK	TOTAL SHEETS 43	SHEET NUMBER 24
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CONTRACT NO. 60L32



CLOUDED AREAS DESIGNATE:
CLEANING AND PAINTING STEEL BRIDGE

ILLINOIS DEPARTMENT OF
TRANSPORTATION

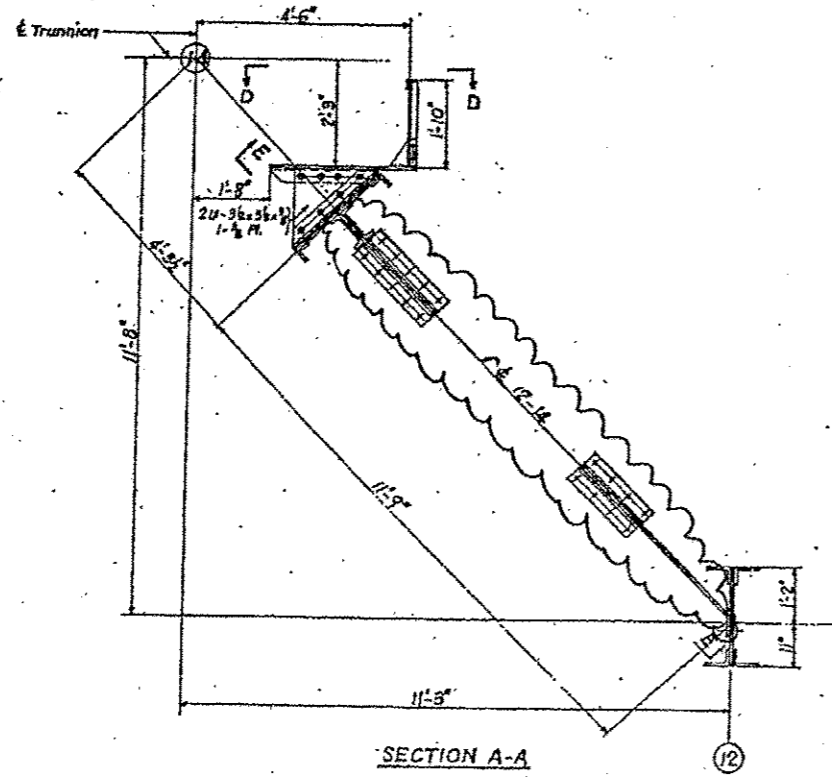
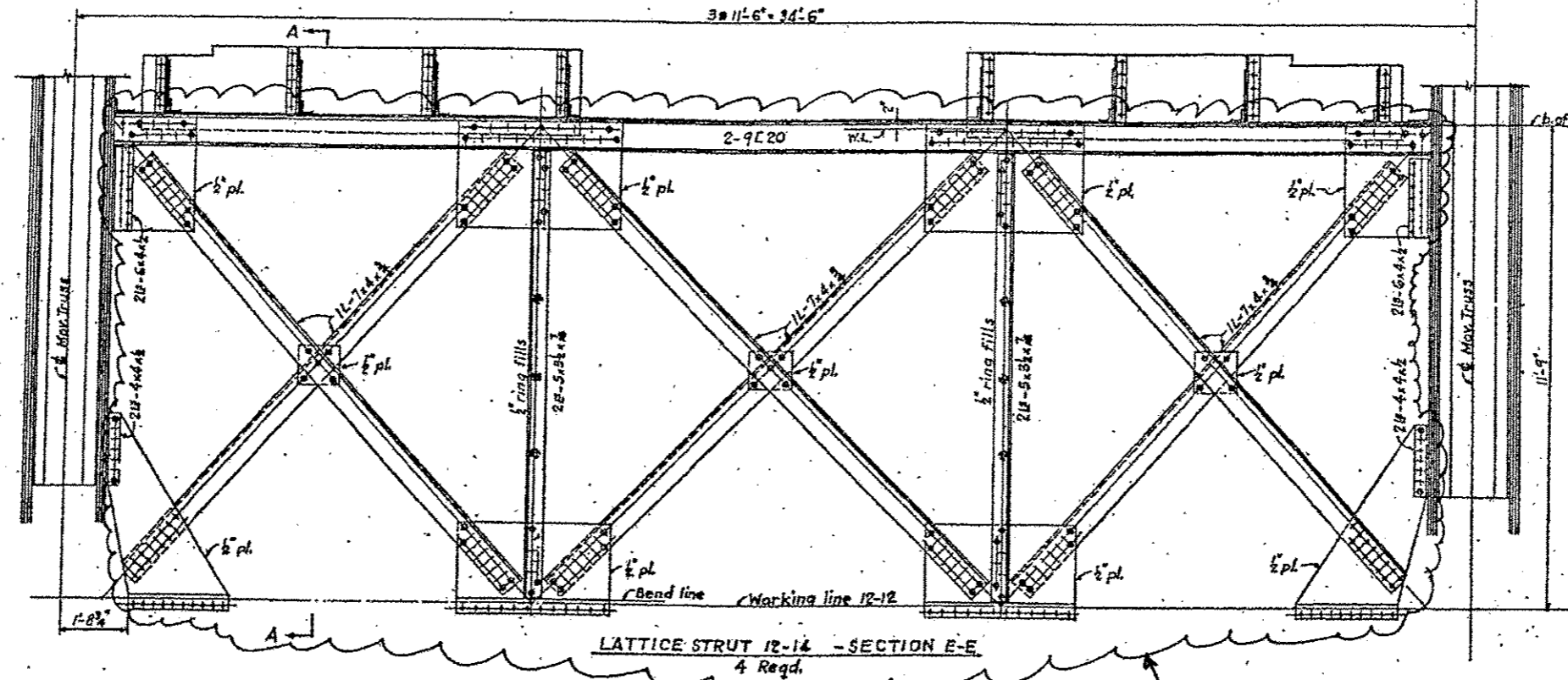
EXISTING BRIDGE PLAN

SN 016-0202
OHIO ST. FEEDER

FLOOR BEAM 12a-12a & 12a-12a HORIZONTAL TRUSS

ROUTE FAP 383	SECTION 2010-051 BP	COUNTY COOK	TOTAL SHEETS 43	SHEET NUMBER 25
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CONTRACT NO. 60L32



CLOUDED AREAS DESIGNATE:
CLEANING AND PAINTING STEEL BRIDGE

LATTICE STRUT & PLATFORMS

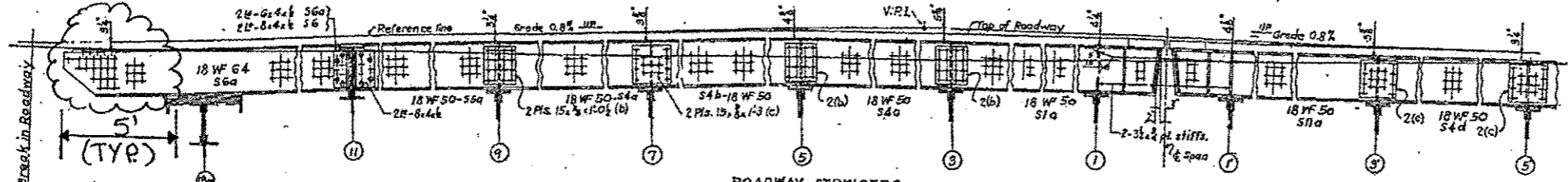
ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING BRIDGE PLAN

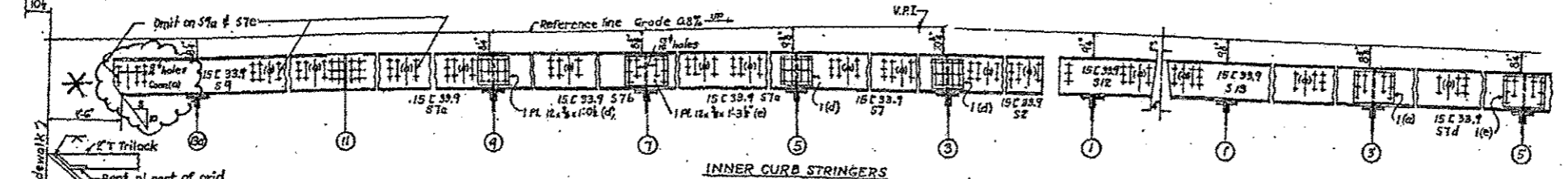
SN 016-0202
OHIO ST. FEEDER

ROUTE FAP 383	SECTION 2010-051 BP	COUNTY COOK	TOTAL SHEETS 43	SHEET NUMBER 26
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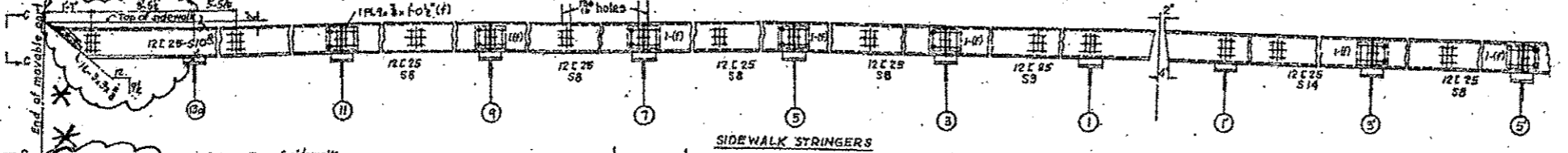
CONTRACT NO. 60L32



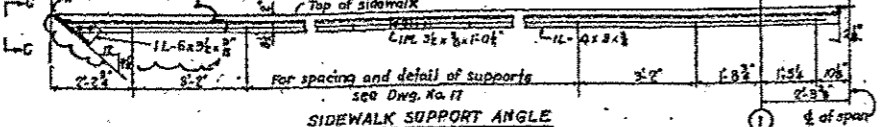
ROADWAY STRINGERS.
Line (A) adjacent to inner curb shown
Others same except as noted and intermediate conns. omitted.
For dimensions see plan below.



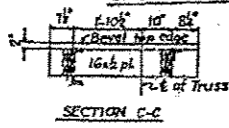
INNER CURB STRINGERS



SIDEWALK STRINGERS



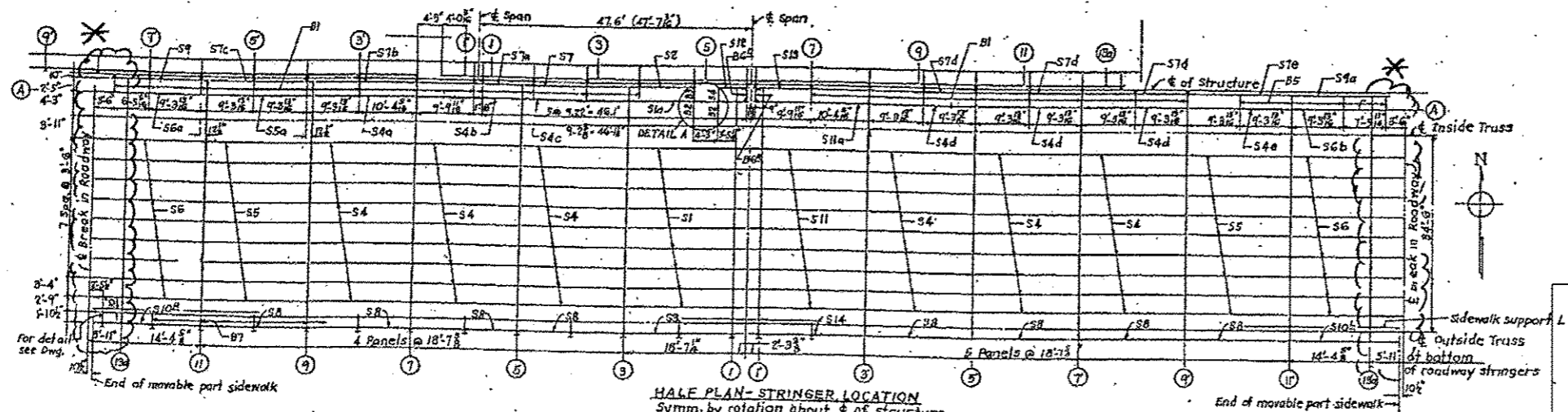
SIDEWALK SUPPORT ANGLE



SECTION C-C

CLOUDED AREAS DESIGNATE:
CLEANING AND PAINTING STEEL BRIDGE

* 5' OF BEAM ENDS
INBOUND & OUTBOUND



HALF PLAN- STRINGER LOCATION
Symm. by rotation about \bar{x} of structure
except trap door openings.

ILLINOIS DEPARTMENT OF
TRANSPORTATION

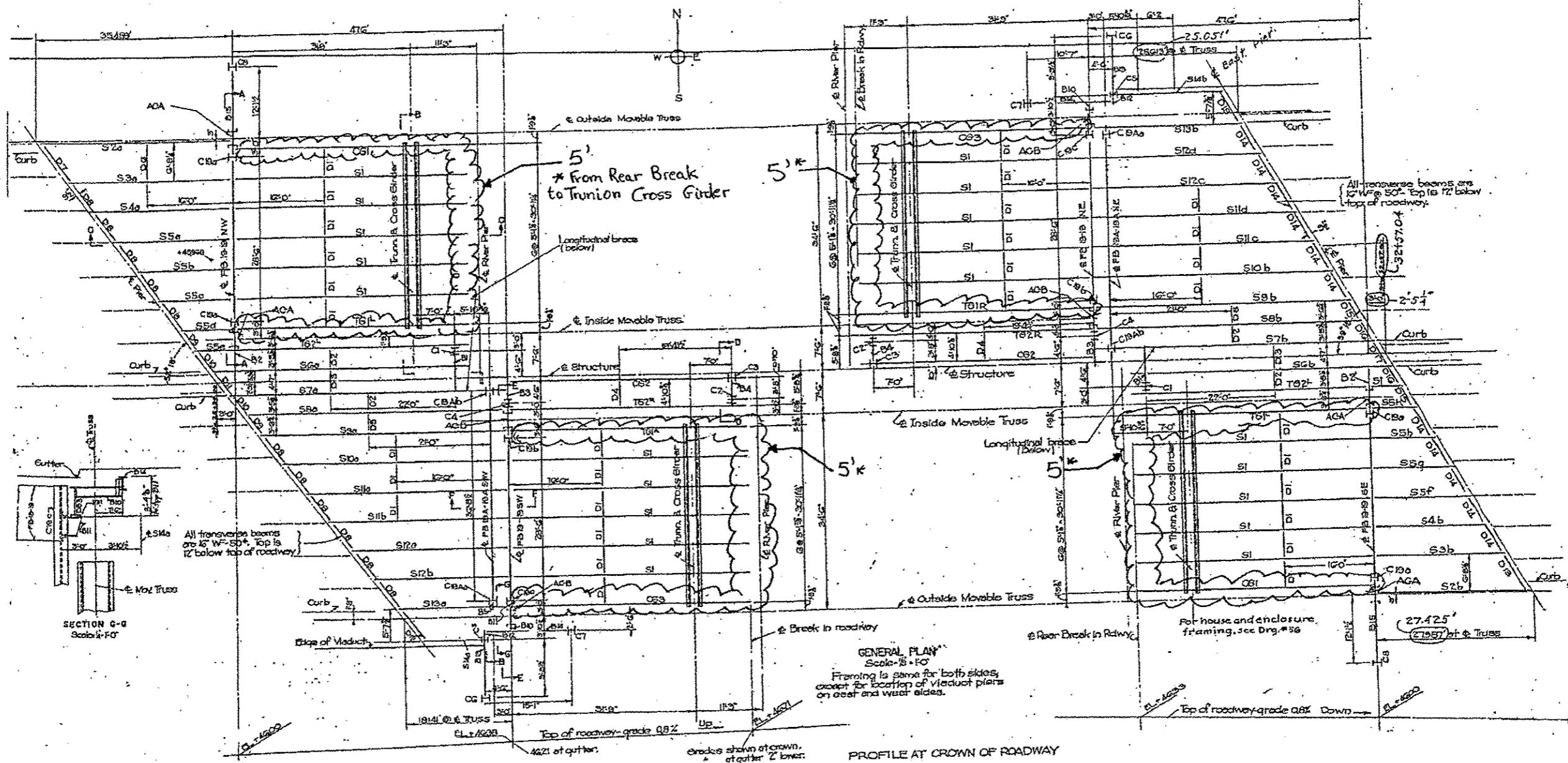
EXISTING BRIDGE PLAN

SN 016-0202
OHIO ST. FEEDER

ROADWAY & SIDEWALK STRINGERS

ROUTE FAP 383	SECTION 2010-051 BP	COUNTY COOK	TOTAL SHEETS 43	SHEET NUMBER 27
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CONTRACT NO. 60L32



CLOUDED AREAS DESIGNATE;
CLEANING AND PAINTING STEEL BRIDGE

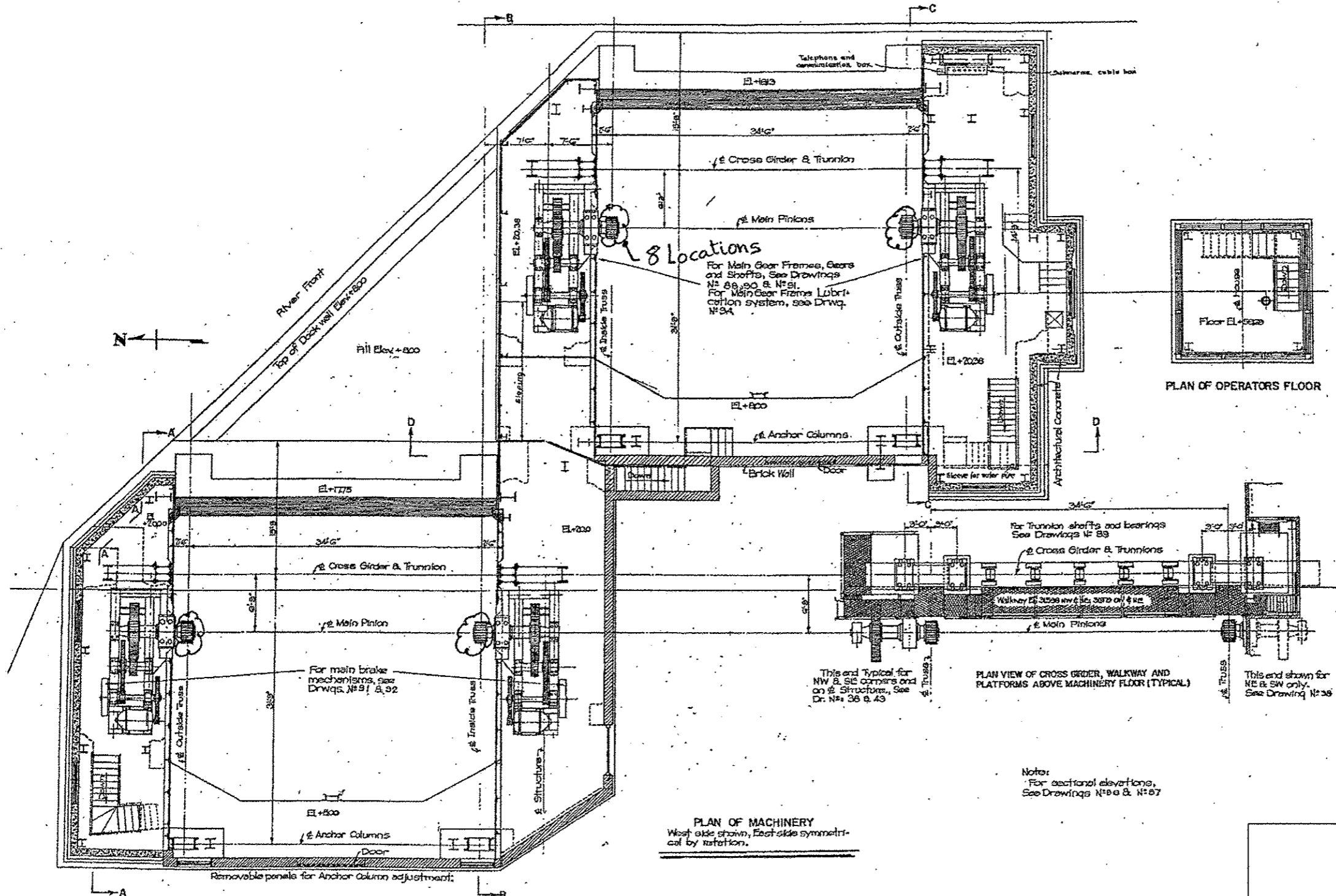
FLOOR FRAMING PLAN -
FIXED PART

ILLINOIS DEPARTMENT OF
TRANSPORTATION
EXISTING BRIDGE PLAN

SN 016-0202
OHIO ST. FEEDER

ROUTE FAP 383	SECTION 2010-051 BP	COUNTY COOK	TOTAL SHEETS 43	SHEET NUMBER 28
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CONTRACT NO. 60L32



CLOUDED AREAS DESIGNATE:
CLEANING AND PAINTING STEEL BRIDGE

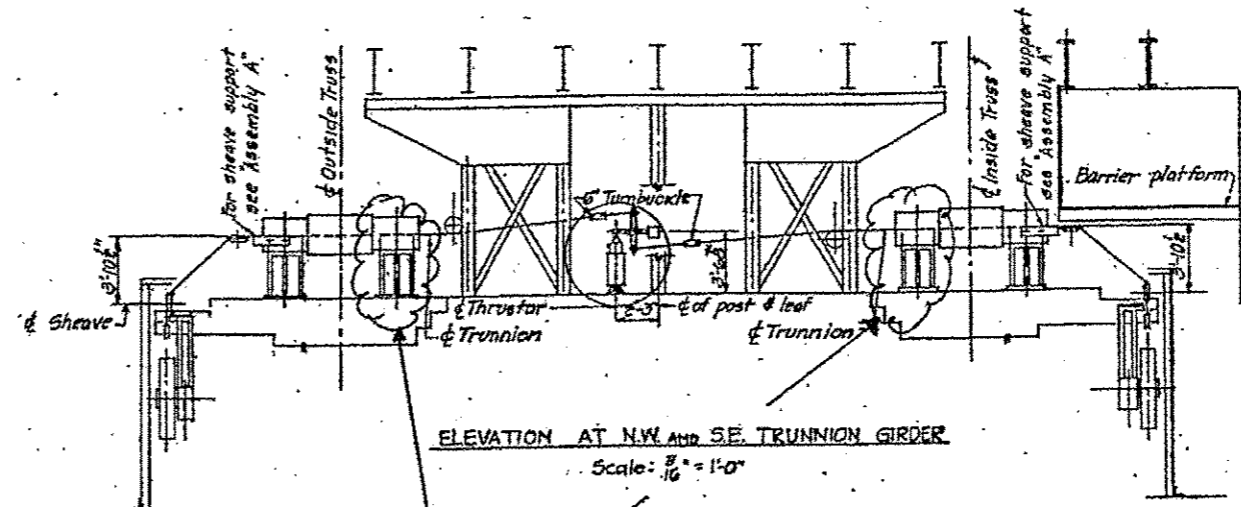
ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING BRIDGE PLAN

SN 016-0202
OHIO ST. FEEDER

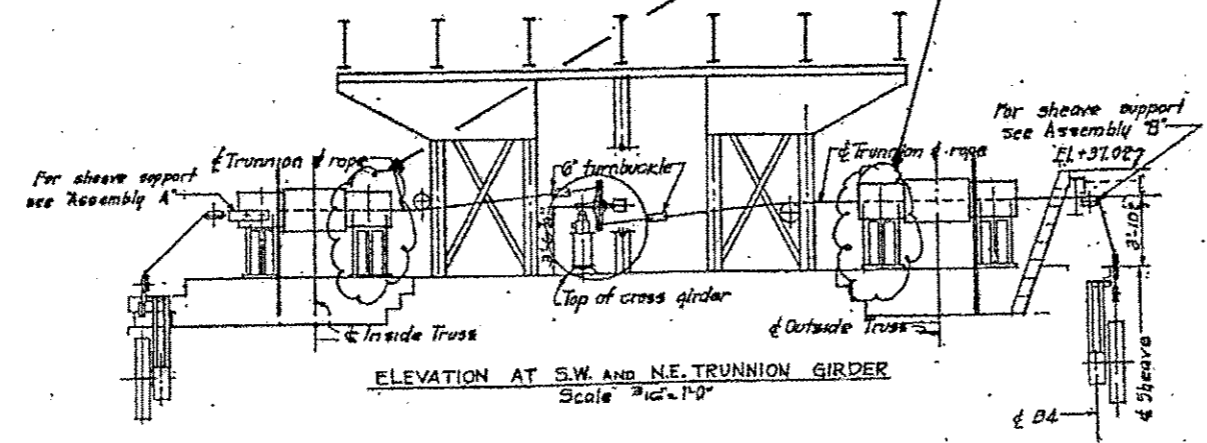
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 383	2010-051 BP	COOK	43	29

CONTRACT NO. 60L32



Trunion Bearings Closest to ϕ of Structure
8 Locations

CLOUDED AREAS DESIGNATE:
CLEANING AND PAINTING STEEL BRIDGE



BRAKE LAYOUT

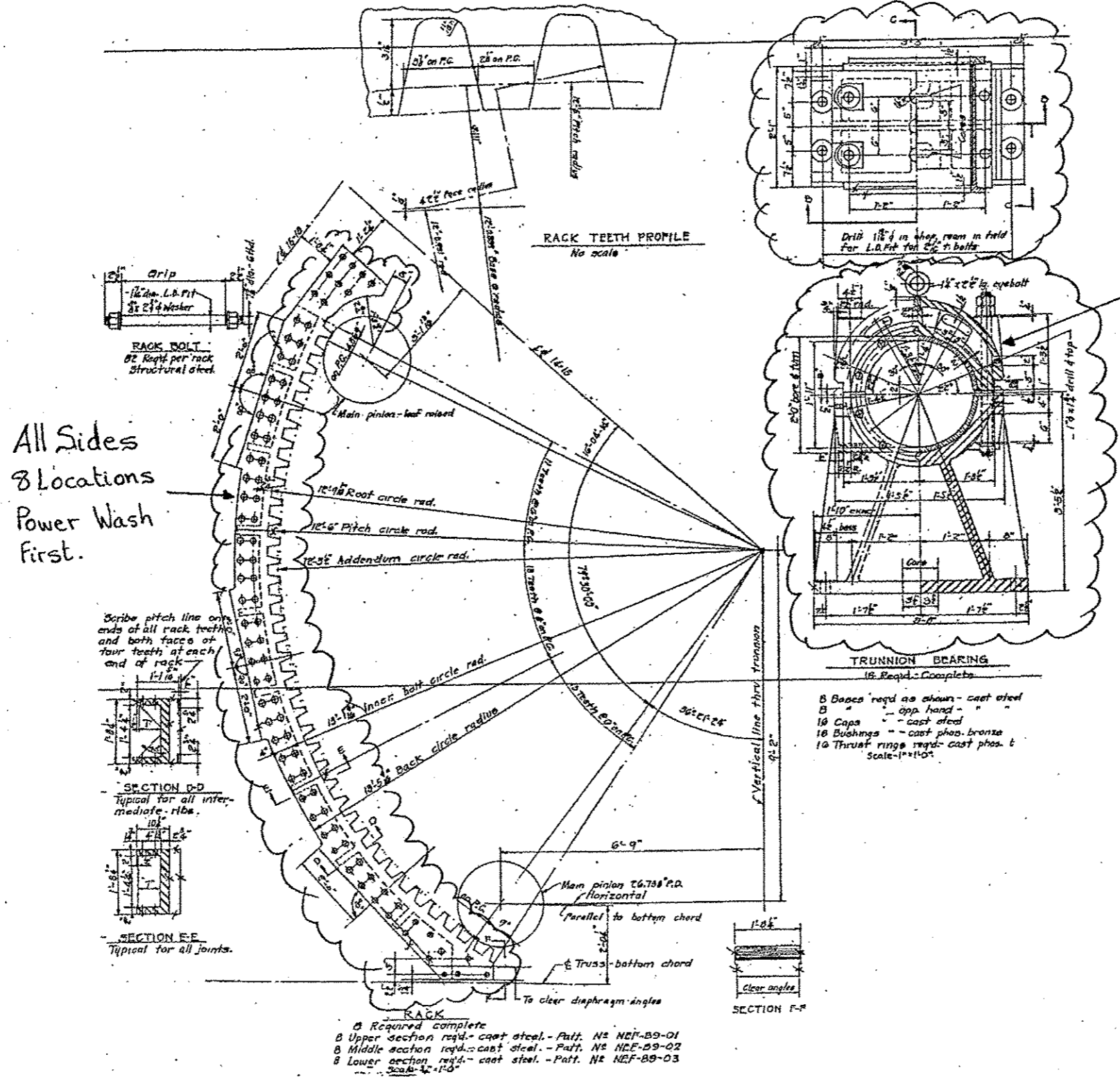
ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING BRIDGE PLAN

SN 016-0202
OHIO ST. FEEDER

ROUTE FAP 383	SECTION 2010-051 BP	COUNTY COOK	TOTAL SHEETS 43	SHEET NUMBER 30
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CONTRACT NO. 60L32



All Sides
8 Locations
Power Wash
First.

All Outside Sides
8 Locations

CLOUDED AREAS DESIGNATE:
CLEANING AND PAINTING STEEL BRIDGE

RACK, TRUNION & BEARINGS

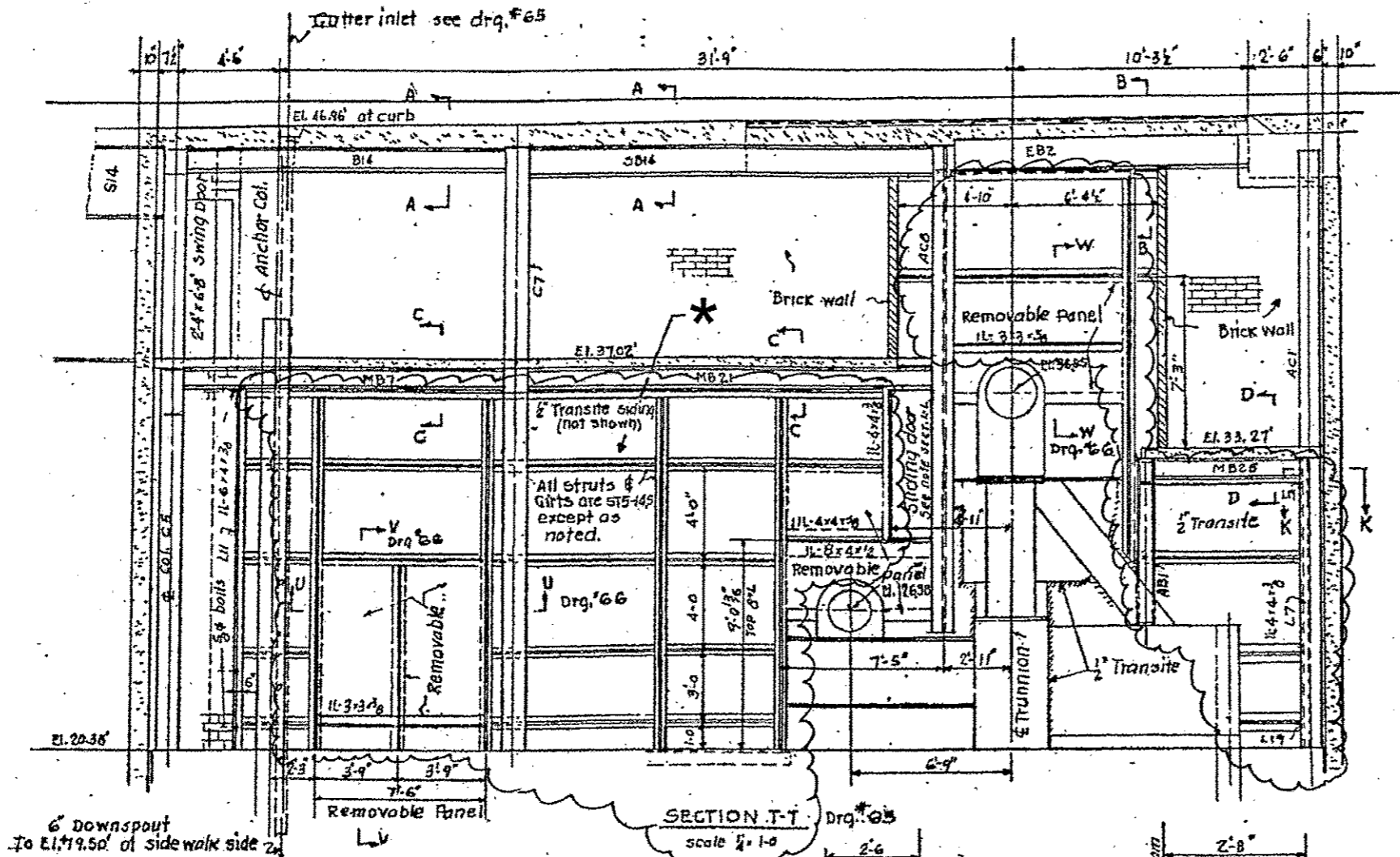
ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING BRIDGE PLAN

SN 016-0202
OHIO ST. FEEDER

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 383	2010-051 BP	COOK	43	31

CONTRACT NO. 60L32

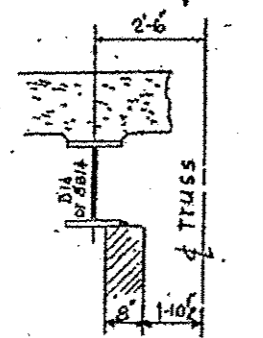


2 LOCATIONS EACH

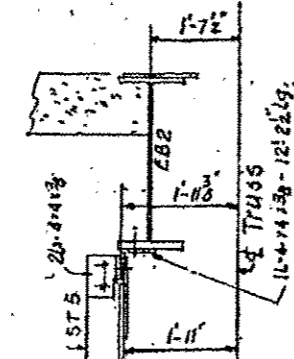
* EXISTING 1/2" TRANSITE SIDING PANELS TO BE REMOVED BEFORE PAINTING. (SEE SHEETS 27 TO 30)

EXISTING PANELS SHALL BE REPLACED WITH "CORRUGATED FIBERGLASS SIDING PANELS" AFTER PAINTING.

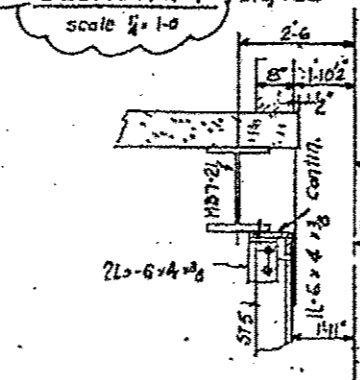
6" Downspout to El. 49.50' of sidewalk side



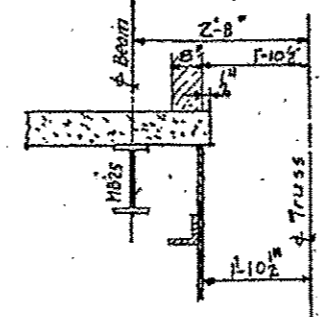
SECTION A-A
scale 3/4" = 1'-0"



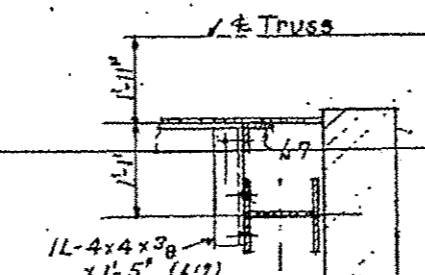
SECTION B-B



SECTION C-C



SECTION D-D



SECTION K-K

ENCLOSURES & PIT PARTITIONS

SHEET 1 OF 2

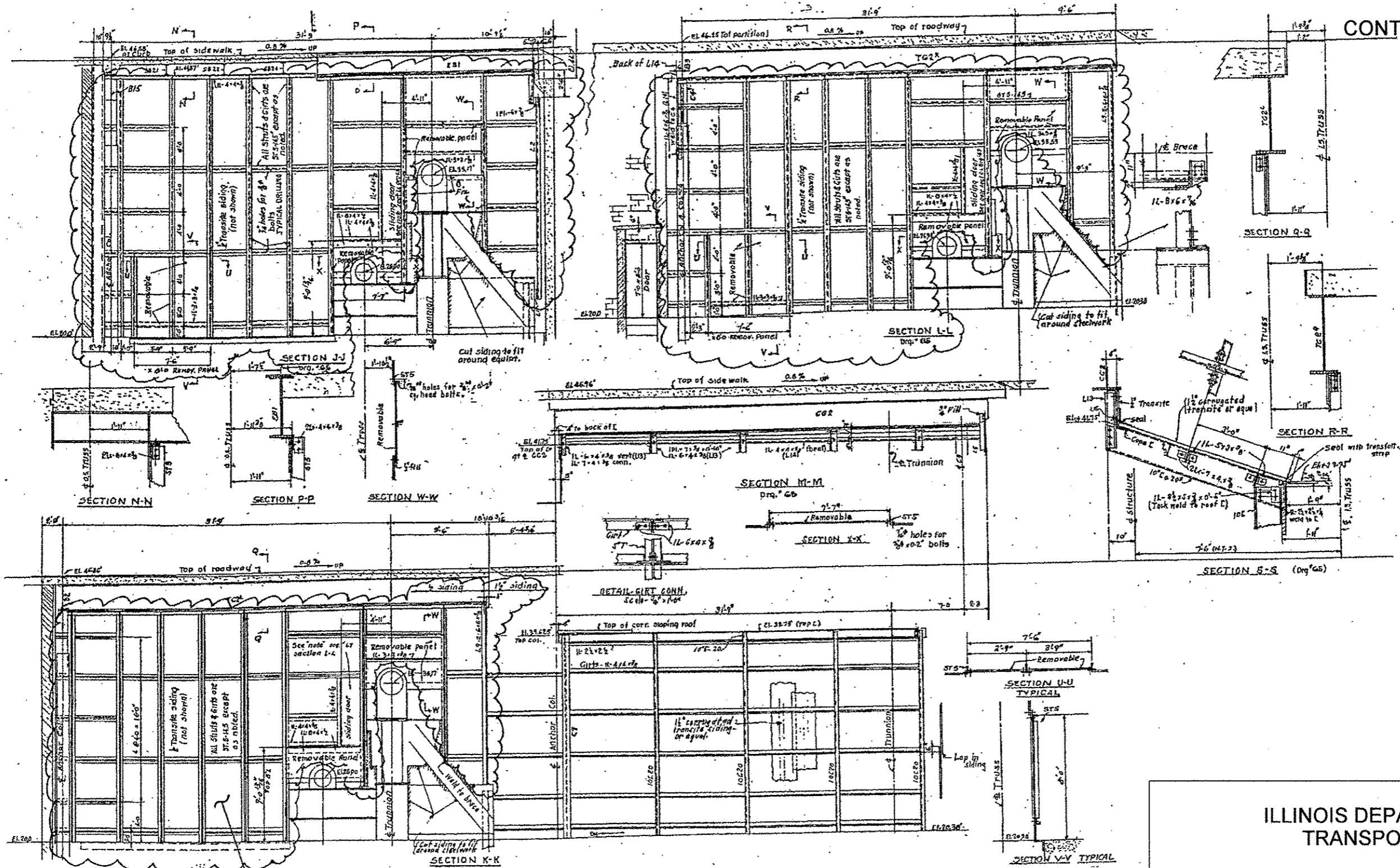
ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING BRIDGE PLAN

SN 016-0202
OHIO ST. FEEDER

ROUTE FAP 383	SECTION 2010-051 BP	COUNTY COOK	TOTAL SHEETS 43	SHEET NUMBER 32
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CONTRACT NO. 60L32



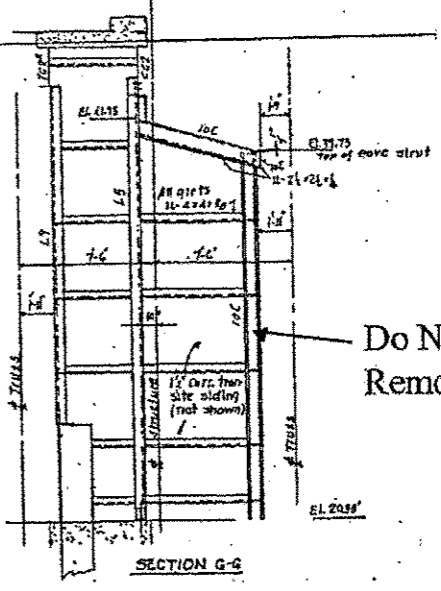
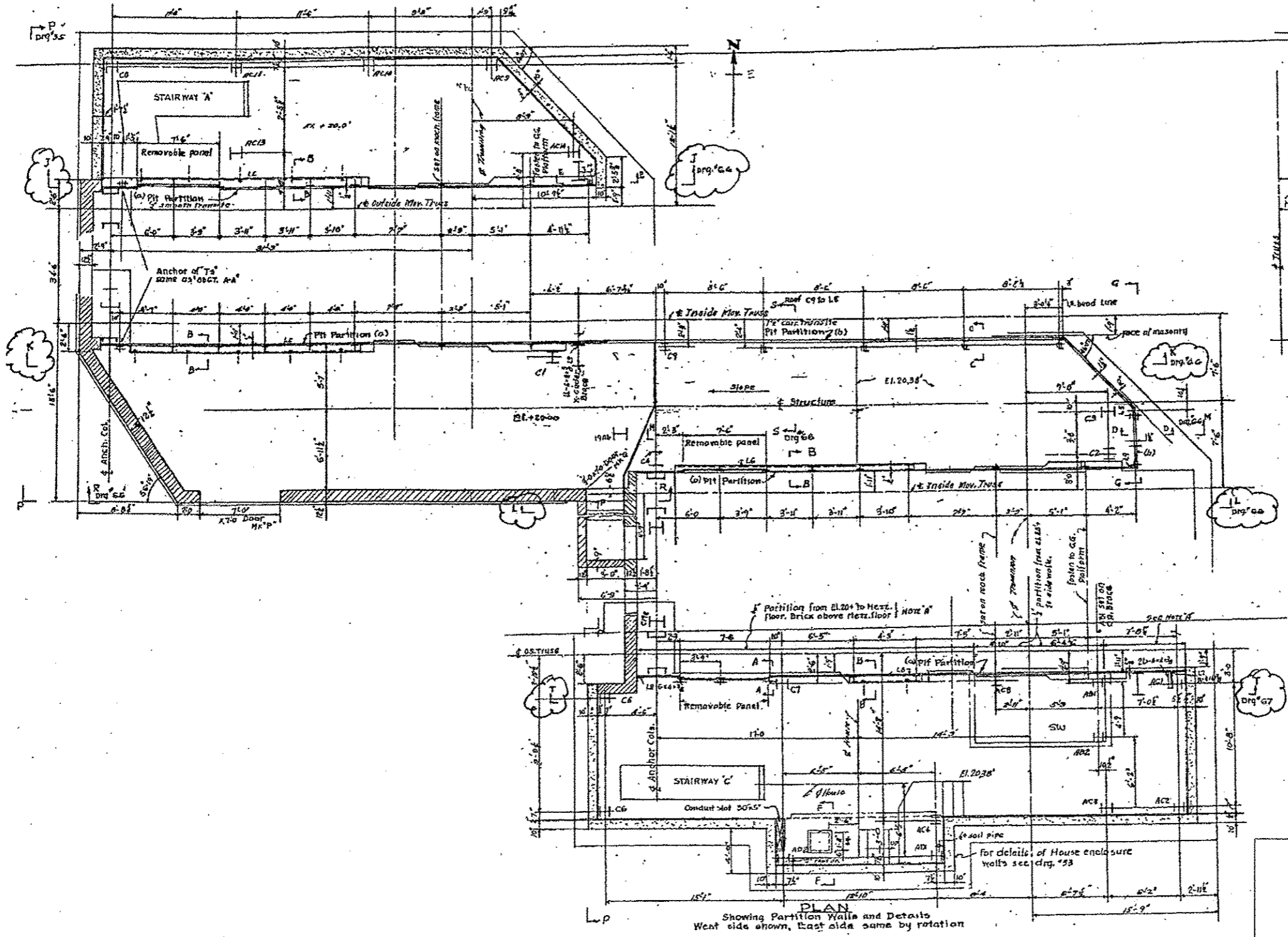
SHEET 2 OF 2

EXISTING 1/2" TRANSITE SIDING PANELS TO BE REMOVED BEFORE PAINTING. (SEE SHEETS 27 TO 30)
 EXISTING PANELS SHALL BE REPLACED WITH "CORRUGATED FIBERGLASS SIDING PANELS" AFTER PAINTING. (TYP.)
 TOTAL EST. QTY = 7,000 SF

ILLINOIS DEPARTMENT OF
 TRANSPORTATION
 EXISTING BRIDGE PLAN
 SN 016-0202
 OHIO ST. FEEDER

ROUTE FAP 383	SECTION 2010-051 BP	COUNTY COOK	TOTAL SHEETS 43	SHEET NUMBER 33
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CONTRACT NO. 60L32



Do Not Remove/Replace

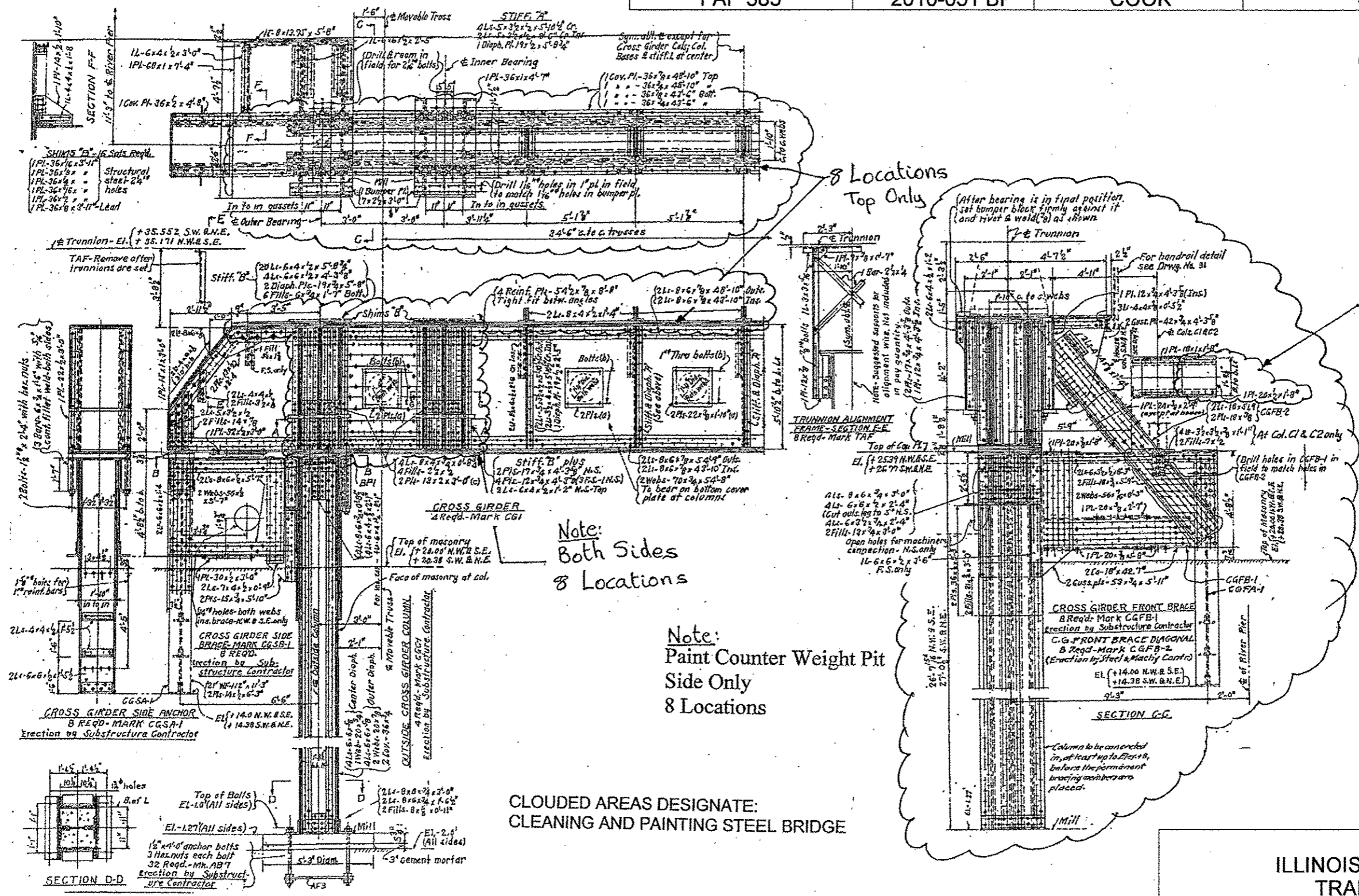
FOR SECTION J-J, K-K & L-L SEE SHEET

ENCLOSURE WALL & PIT PARTITIONS

ILLINOIS DEPARTMENT OF
TRANSPORTATION
EXISTING BRIDGE PLAN
SN 016-0202
OHIO ST. FEEDER

ROUTE FAP 383	SECTION 2010-051 BP	COUNTY COOK	TOTAL SHEETS 43	SHEET NUMBER 34
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CONTRACT NO. 60L32



8 Locations
Top Only

Note:
Paint Top Only
8 Locations

Note:
Both Sides
8 Locations

Note:
Paint Counter Weight Pit
Side Only
8 Locations

CLOUDED AREAS DESIGNATE:
CLEANING AND PAINTING STEEL BRIDGE

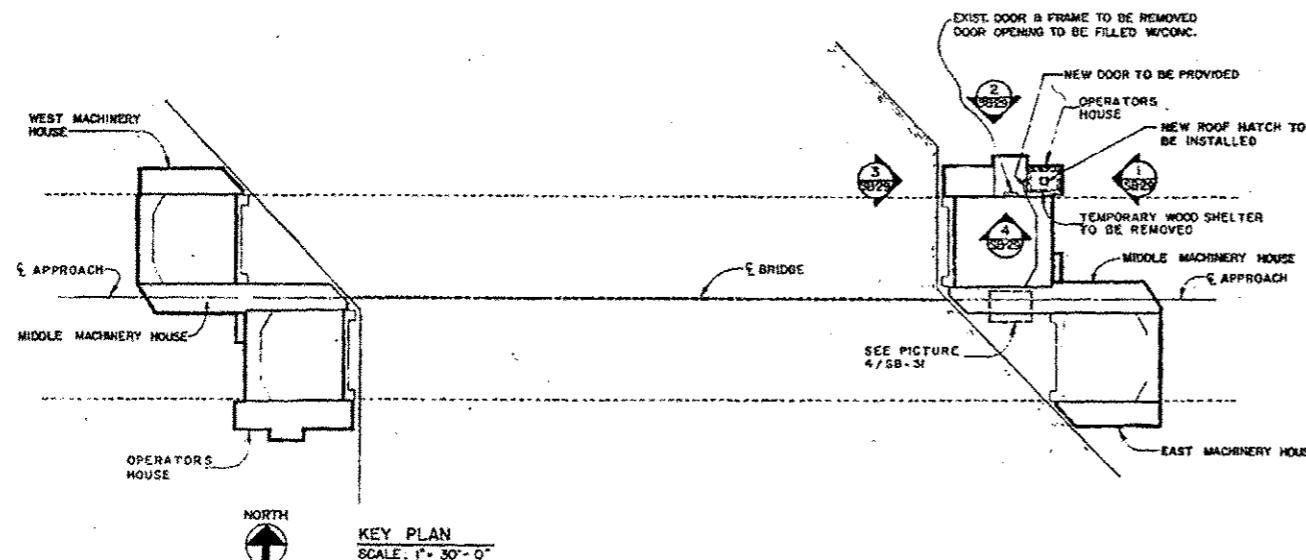
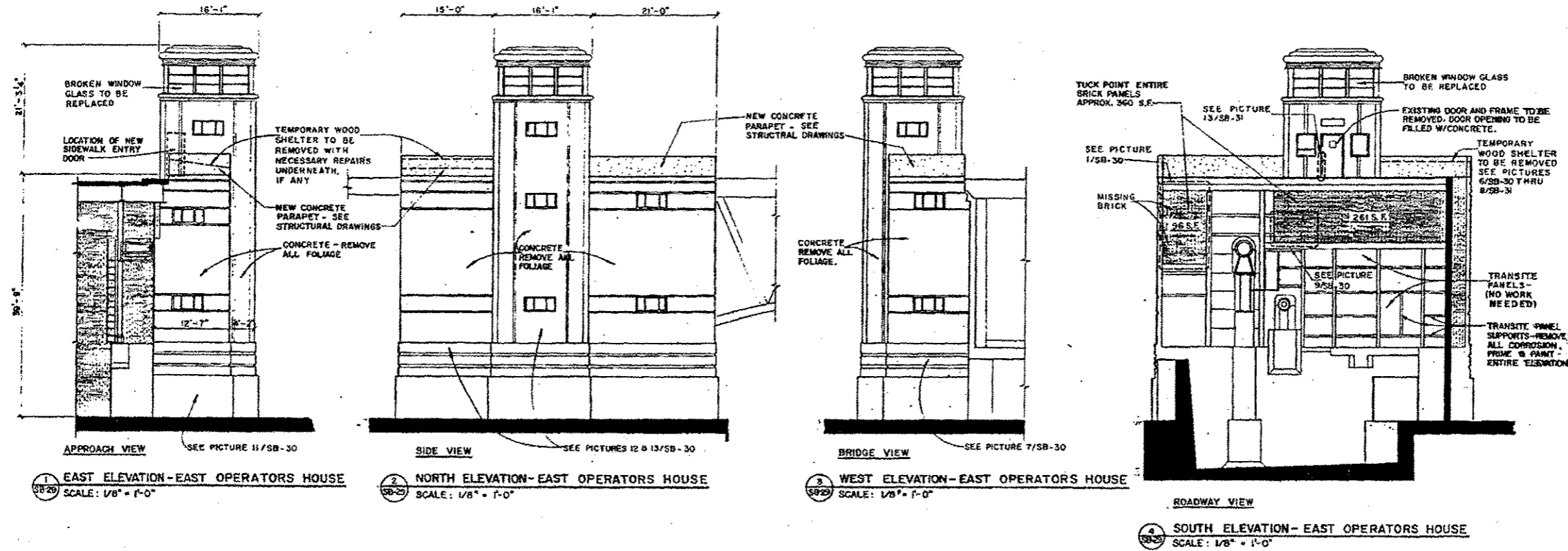
CROSS GIRDER &
COLUMNS

ILLINOIS DEPARTMENT OF
TRANSPORTATION
EXISTING BRIDGE PLAN

SN 016-0202
OHIO ST. FEEDER

ROUTE FAP 383	SECTION 2010-051 BP	COUNTY COOK	TOTAL SHEETS 43	SHEET NUMBER 36
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CONTRACT NO. 60L32



EAST OPERATOR'S HOUSE ELEVATION

FOR INFORMATION ONLY

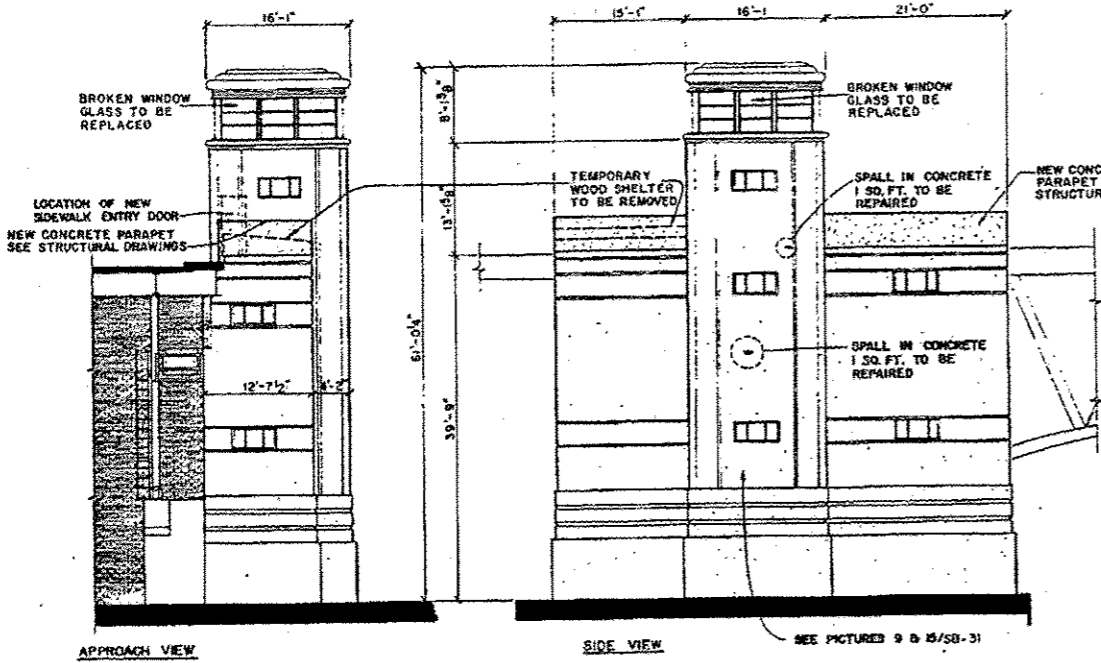
ILLINOIS DEPARTMENT OF
TRANSPORTATION

ASBESTOS REMOVAL DETAILS

SN 016-0202
OHIO ST. FEEDER

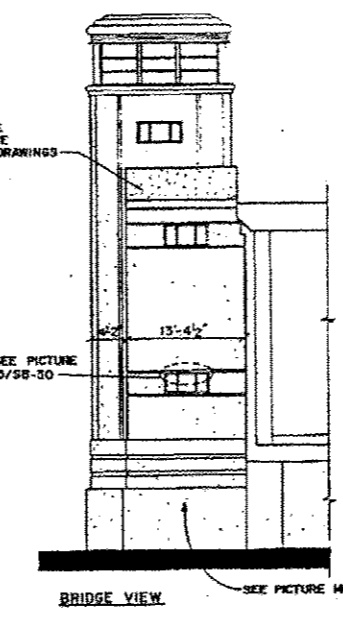
ROUTE FAP 383	SECTION 2010-051 BP	COUNTY COOK	TOTAL SHEETS 43	SHEET NUMBER 37
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CONTRACT NO. 60L32

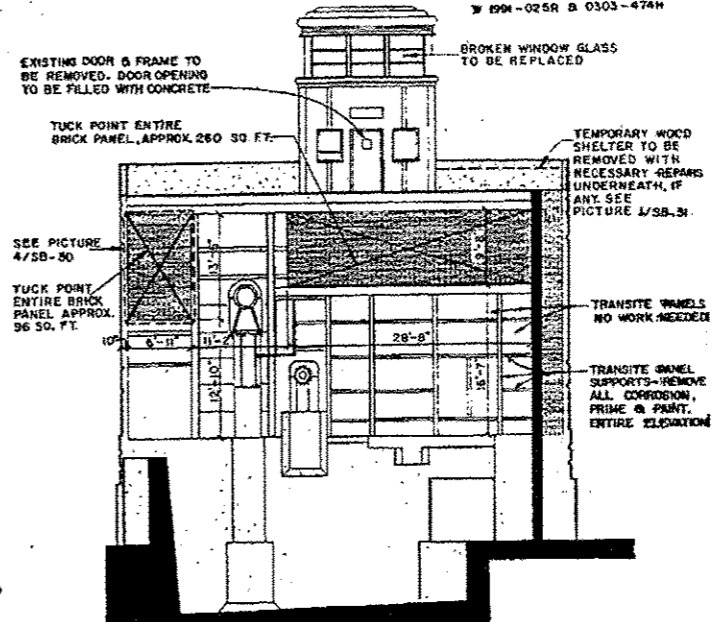


1 WEST ELEVATION-WEST OPERATORS HOUSE
SCALE: 1/8" = 1'-0"

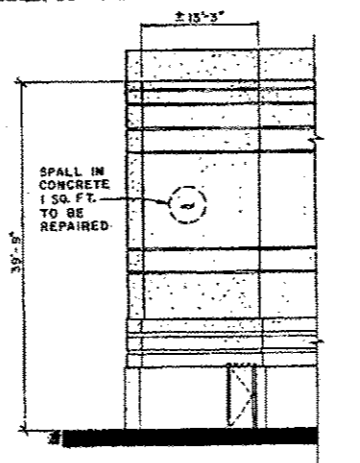
2 SOUTH ELEVATION-WEST OPERATORS HOUSE
SCALE: 1/8" = 1'-0"



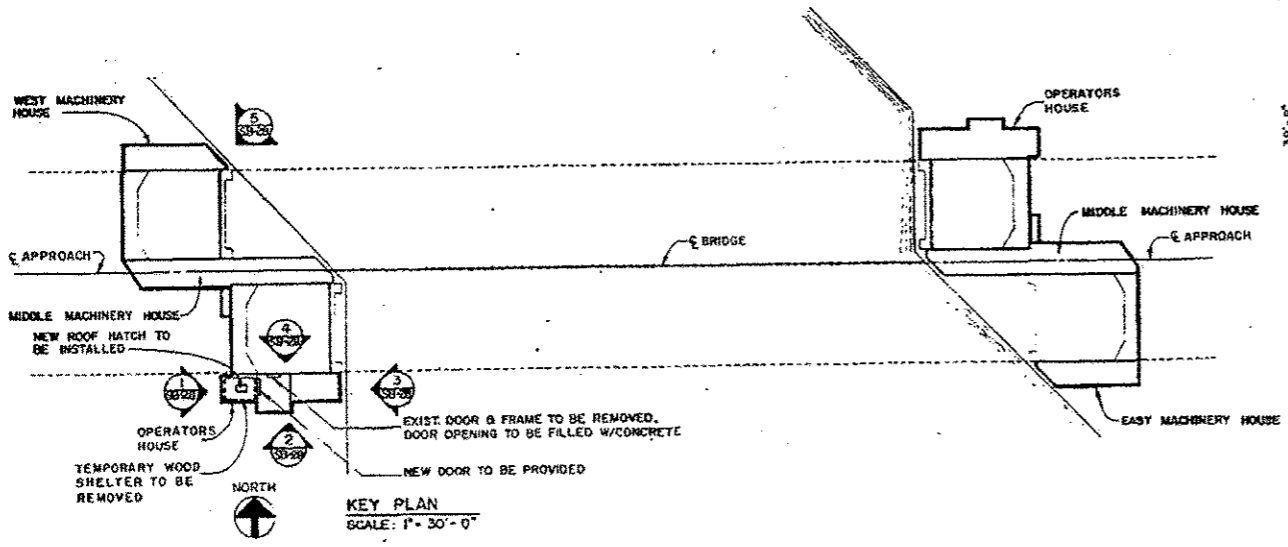
3 EAST ELEVATION-WEST OPERATORS HOUSE
SCALE: 1/8" = 1'-0"



4 NORTH ELEVATION-WEST OPERATORS HOUSE
SCALE: 1/8" = 1'-0"



5 NORTH EAST ELEVATION
WEST MACHINERY HOUSE
SCALE: 1/8" = 1'-0"



KEY PLAN
SCALE: 1" = 30'-0"

WEST OPERATOR'S HOUSE ELEVATION

FOR INFORMATION ONLY

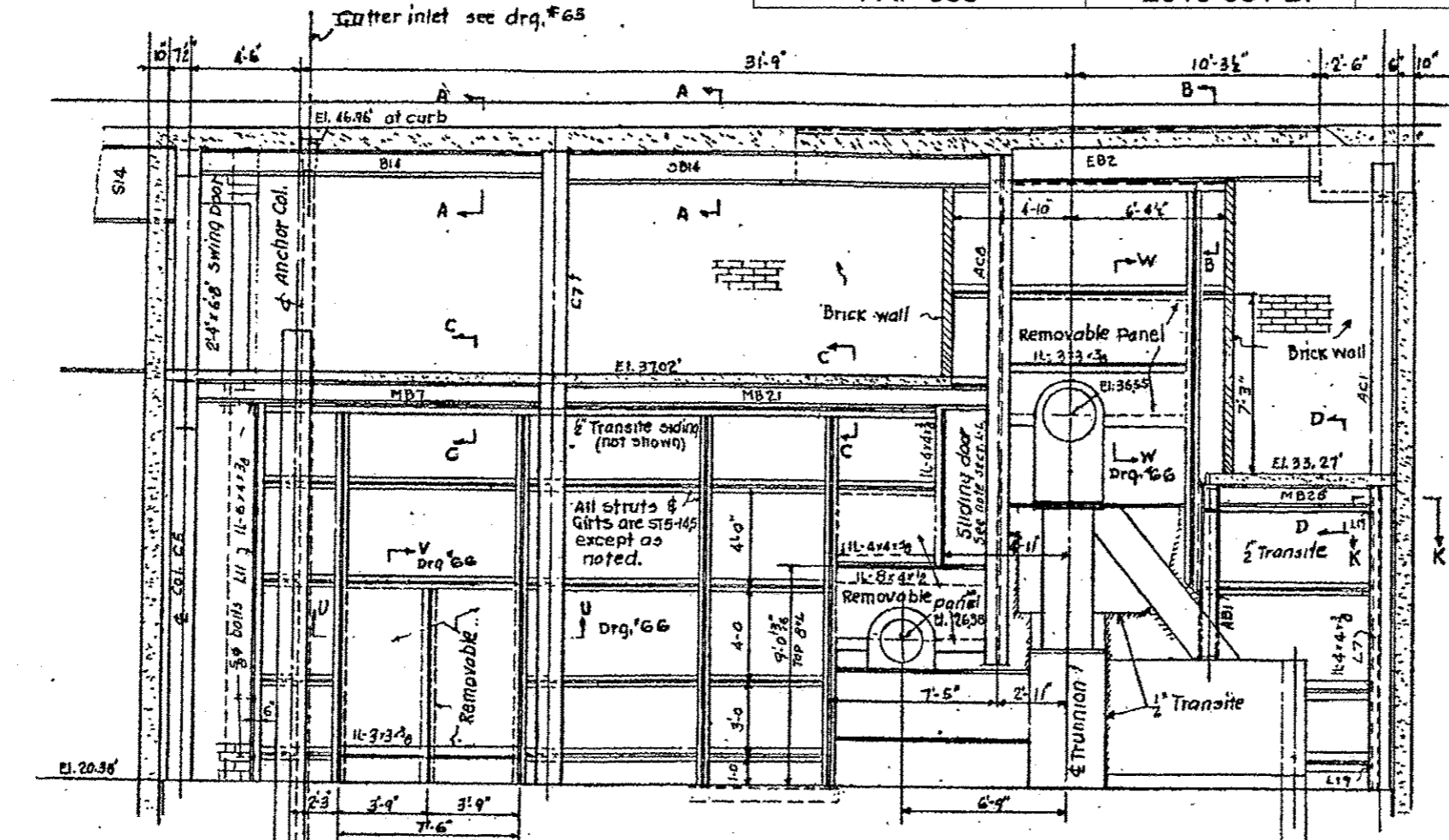
ILLINOIS DEPARTMENT OF
TRANSPORTATION

ASBESTOS REMOVAL DETAILS

SN 016-0202
OHIO ST. FEEDER

ROUTE FAP 383	SECTION 2010-051 BP	COUNTY COOK	TOTAL SHEETS 43	SHEET NUMBER 38
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CONTRACT NO. 60L32

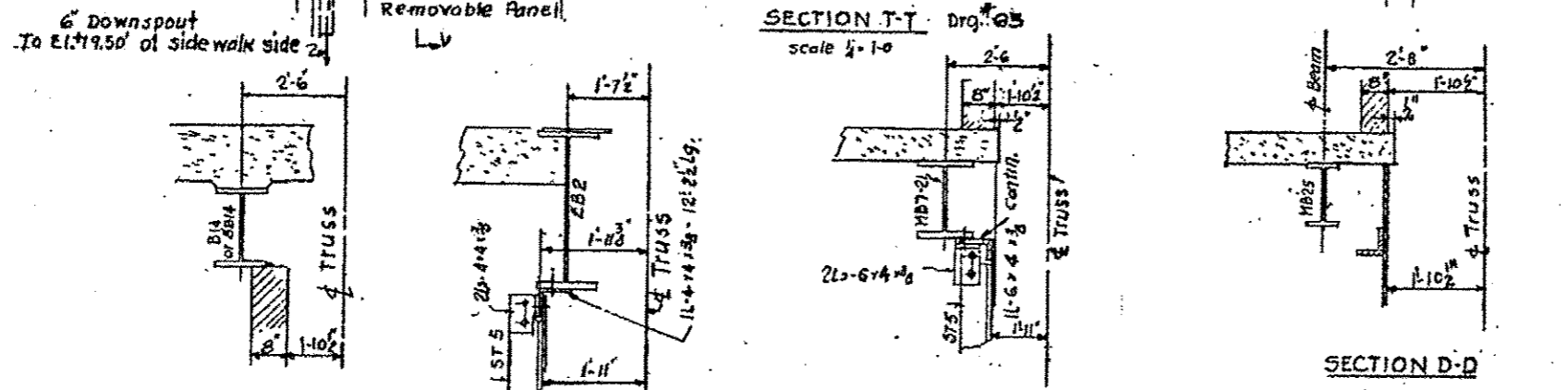


TOTAL BILL OF MATERIALS

DESCRIPTION	UNIT	QUANTITY
REMOVAL & DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 1	L SUM	1
CORRUGATED FIBERGLASS SIDING PANEL	SQ FT	7,000

NOTE:
EXISTING ASBESTOS TRANSITE SIDING PANELS TO BE REMOVED AND REPLACED WITH "CORRUGATED FIBERGLASS SIDING PANELS" AFTER FRAMES ARE CLEANED AND PAINTED.

TOTAL EST. QTY: 7,000 SQ FT



ENCLOSURES & PIT PARTITIONS

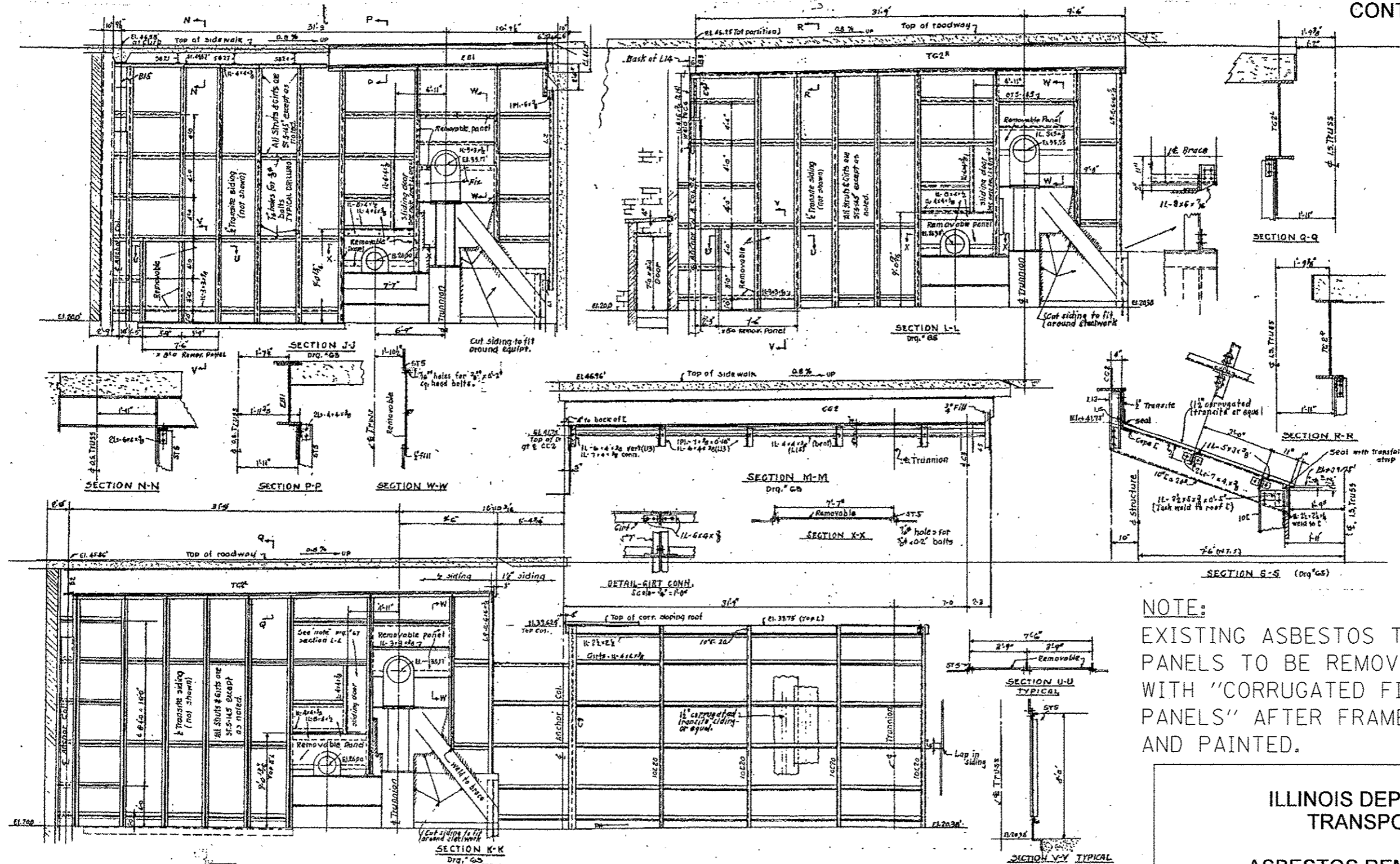
ILLINOIS DEPARTMENT OF
TRANSPORTATION

ASBESTOS REMOVAL DETAILS

SN 016-0202
OHIO ST. FEEDER

ROUTE FAP 383	SECTION 2010-051 BP	COUNTY COOK	TOTAL SHEETS 43	SHEET NUMBER 39
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CONTRACT NO. 60L32

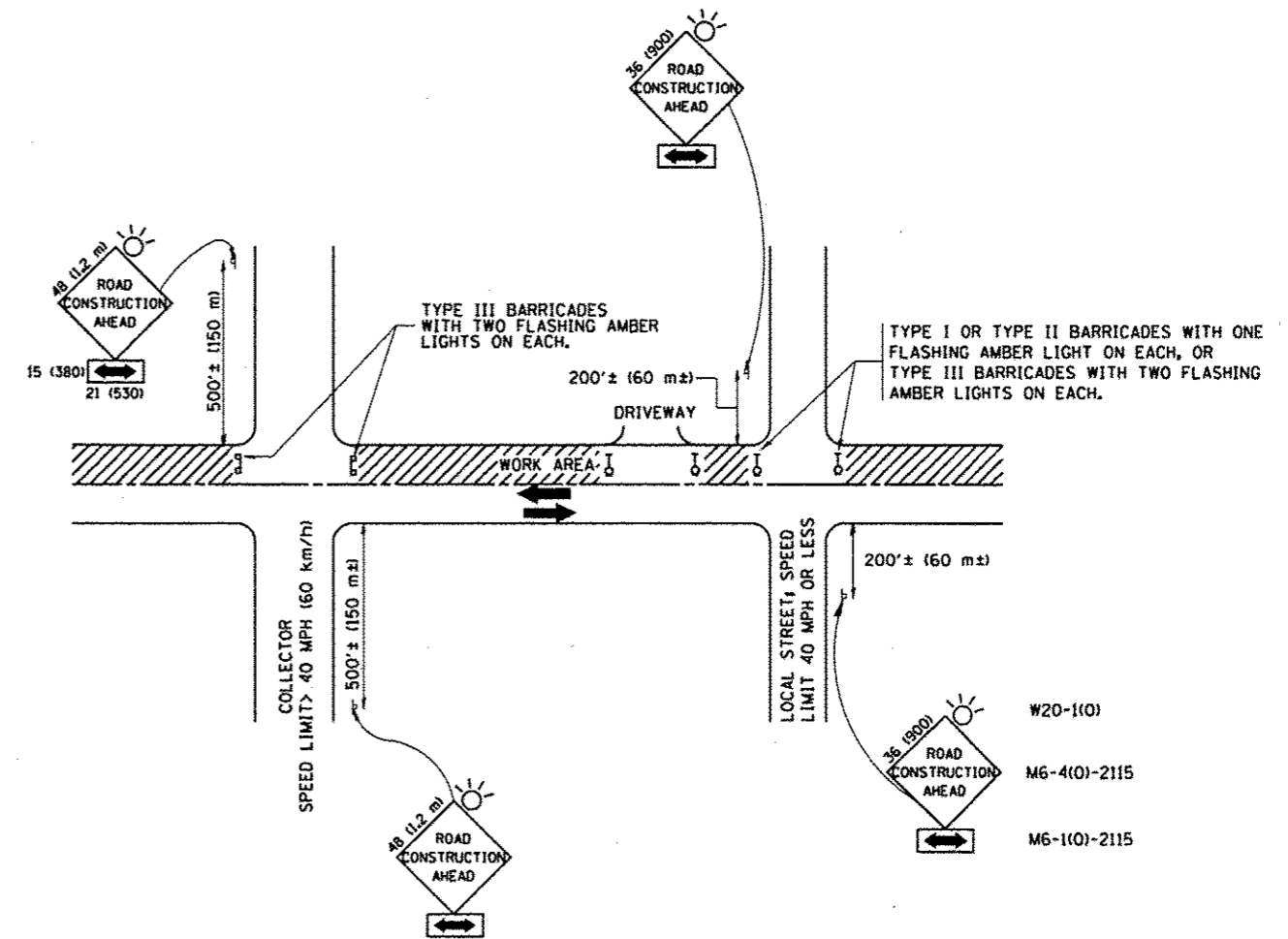


NOTE:
EXISTING ASBESTOS TRANSITE SIDING PANELS TO BE REMOVED AND REPLACED WITH "CORRUGATED FIBERGLASS SIDING PANELS" AFTER FRAMES ARE CLEANED AND PAINTED.

ENCLOSURES & PIT PARTITIONS

ILLINOIS DEPARTMENT OF
TRANSPORTATION
ASBESTOS REMOVAL DETAILS

SN 016-0202
OHIO ST. FEEDER



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.

b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.

2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.

b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.

3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in millimeters (inches) unless otherwise shown.

FILE NAME :	USER NAME : midjjo	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
o:\pwork\pwidot\midjjo\d0211590\01.stg		DRAWN -	REVISED - A. HOUSEH 03-06-96
		CHECKED -	REVISED - A. HOUSEH 10-15-96
		DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

SCALE: NONE

SHEET NO. 1 OF 1 SHEETS

STA.

TO STA.

F.A.P.
RTE.
383

SECTION
2010-051 BP

COUNTY
COOK

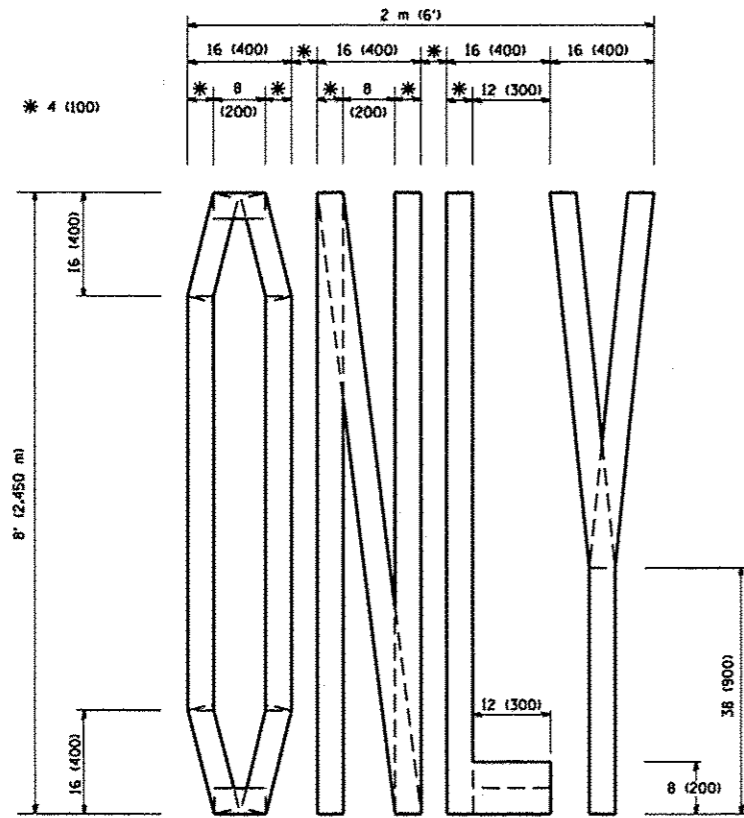
TOTAL SHEETS
43

SHEET NO.
41

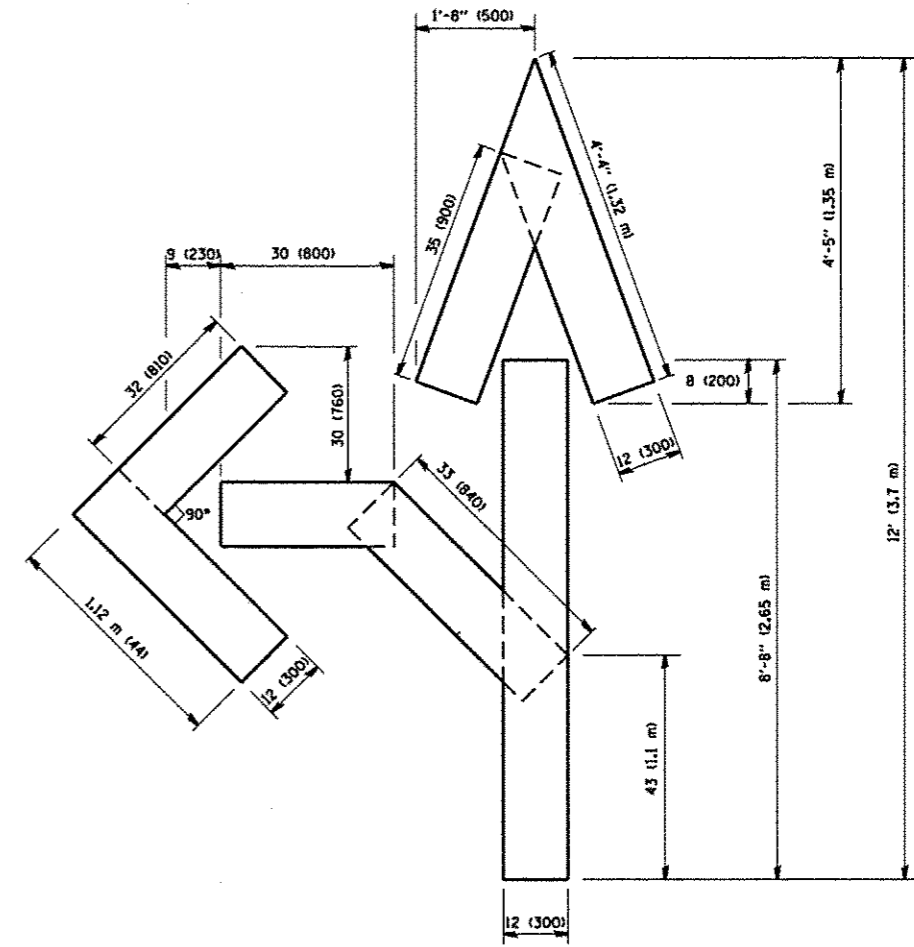
TC-10

CONTRACT NO. 60L32

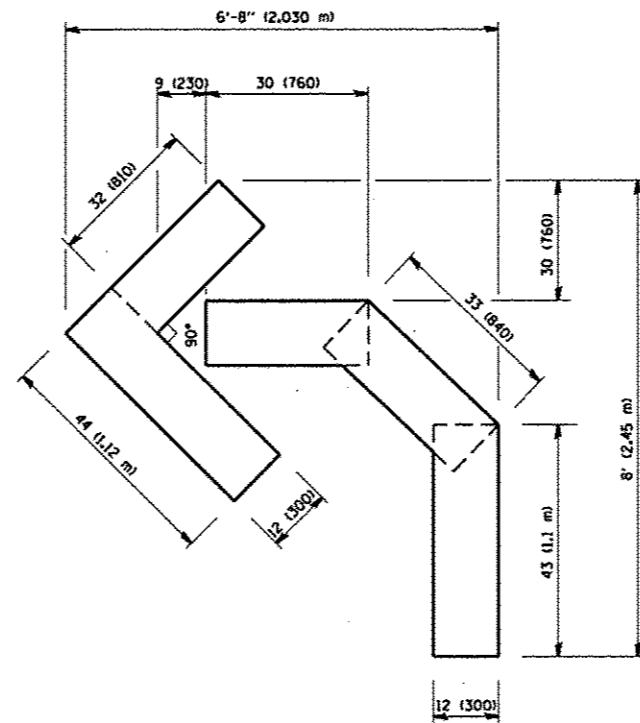
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



QUANTITY
 4 (100) LINE = 64.1 ft. (19.7 m)
 21.1 sq. ft. (1.97 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.3 m)
 27.5 sq. ft. (2.53 sq. m)



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.39 sq. m)

All dimensions are in Inches (millimeters) unless otherwise shown.

FILE NAME :	USER NAME : msdyjo	DESIGNED -	REVISED -T, RAMMACHER 06-05-96
c:\pwork\pedit\msdyjo\0211590\01a5tdgn		DRAWN -	REVISED -T, RAMMACHER 11-04-97
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -T, RAMMACHER 03-02-98
	PLOT DATE = 9/18/2012	DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING LETTERS AND SYMBOLS
 FOR TRAFFIC STAGING

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 383	SECTION 2010-051 BP	COUNTY COOK	TOTAL SHEETS 43	SHEET NO. 42
TC-16		CONTRACT NO. 60L32		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

