

11-9-12 LETTING ITEM 054

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

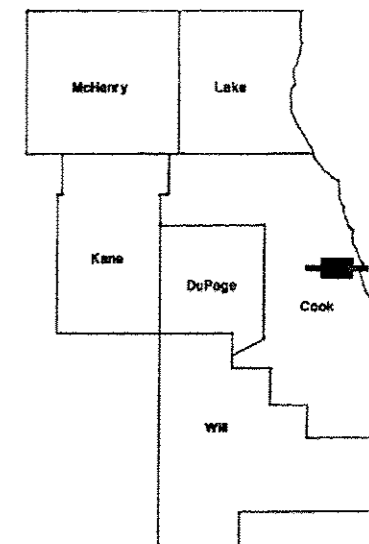
CONTRACT NO.: 60L32

FOR INDEX OF SHEETS SEE SHEET 2

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
 BRIDGE PAINTING
 COOK COUNTY
 C-91-680-10

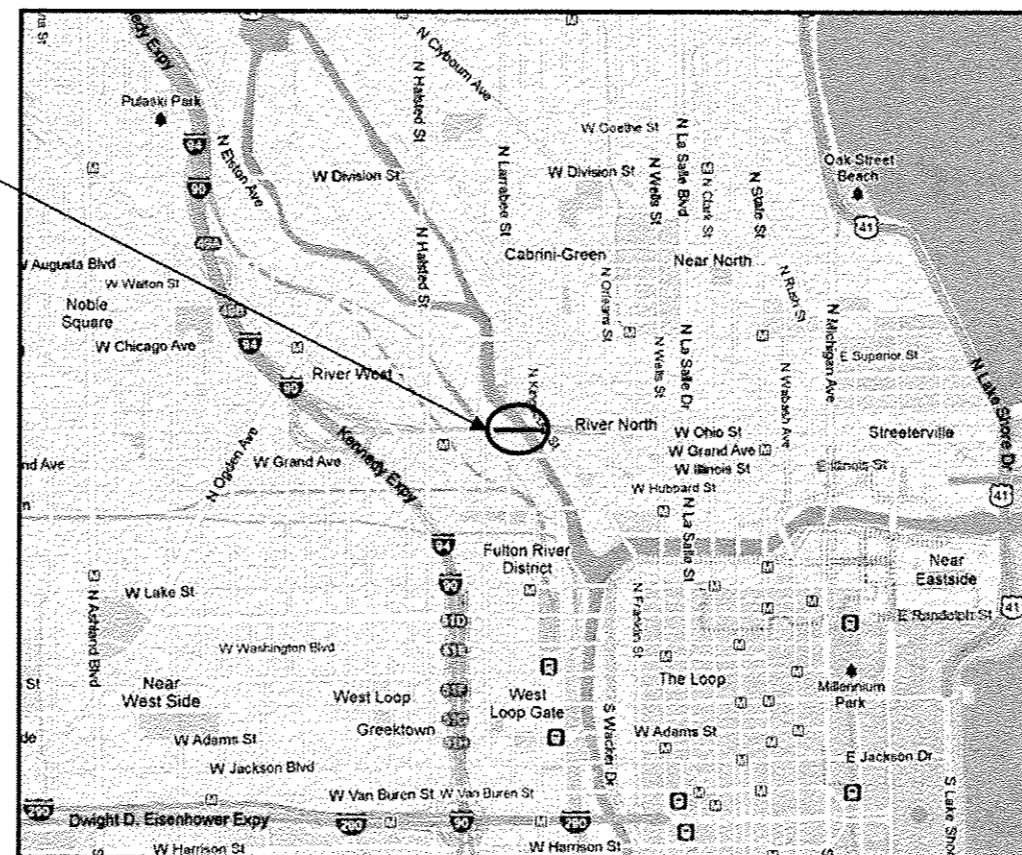
D-91-680-10



IMPROVEMENT IS LOCATED
 IN THE CITY OF CHICAGO

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



LOCATION OF IMPROVEMENT INDICATED THUS:

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

TRAFFIC DATA:

OHIO ST. FEEDER:

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

CONTRACT NO. 60L32

NORTH AND WEST TOWNSHIP

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 P.E.
 acting ENGINEER OF DESIGN AND ENVIRONMENT

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

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 OF THE STATE OF ILLINOIS**

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

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
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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)

EXISTING STEEL SHALL BE PAINTED AS SHOWN ON THE PLANS 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

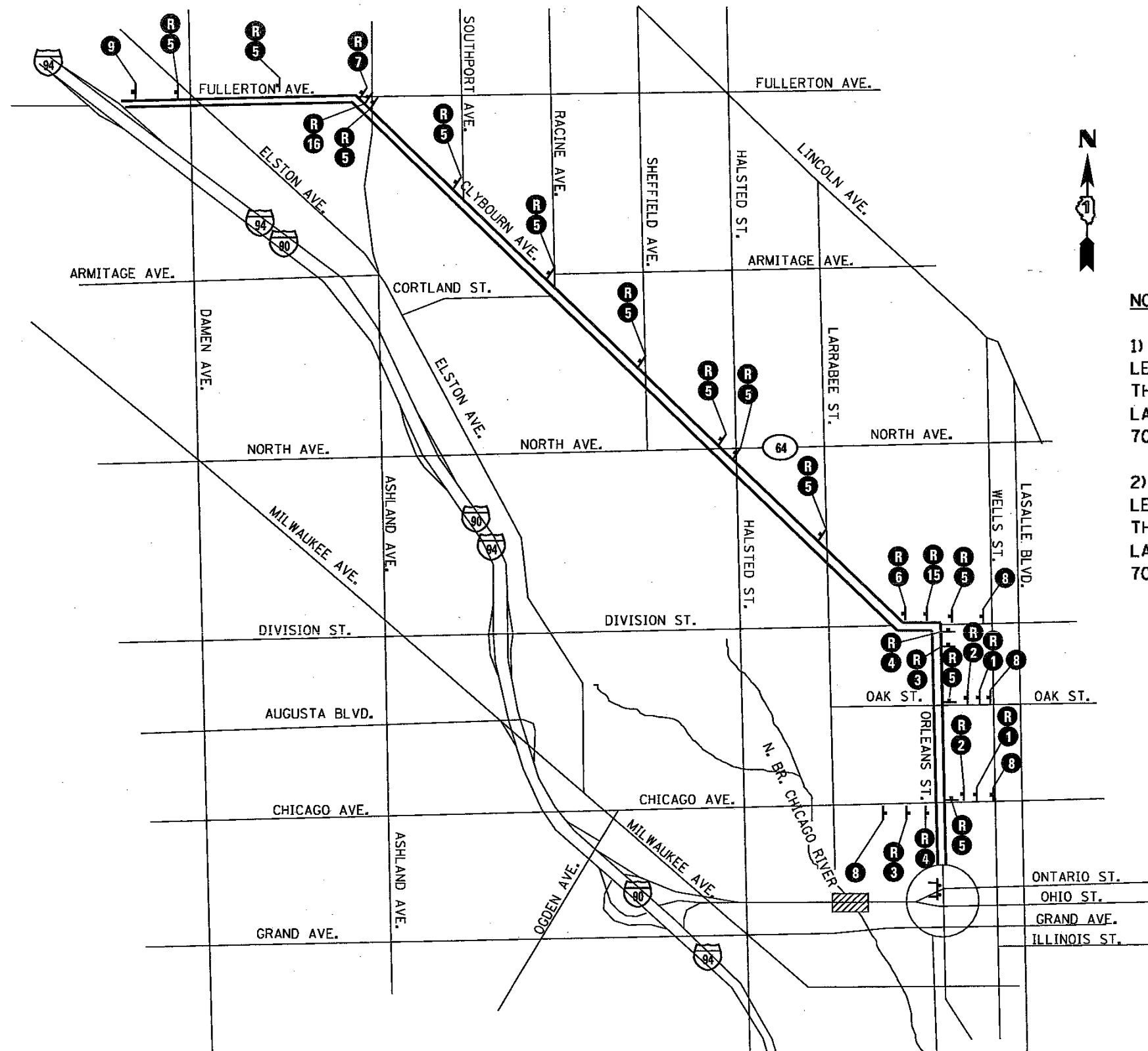
CODE NO	DESCRIPTION	UNITS	URBAN 100% STATE TOTAL	CONSTRUCTION TYPE CODE: 0014						
				LOC 1 016-1061	LOC 2 016-1053	LOC 3 016-0202				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	1	1	4				
67100100	MOBILIZATION	L SUM	1	0.33	0.33	0.34				
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1			1				
X0327407	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.

SHEET 1 OF 2

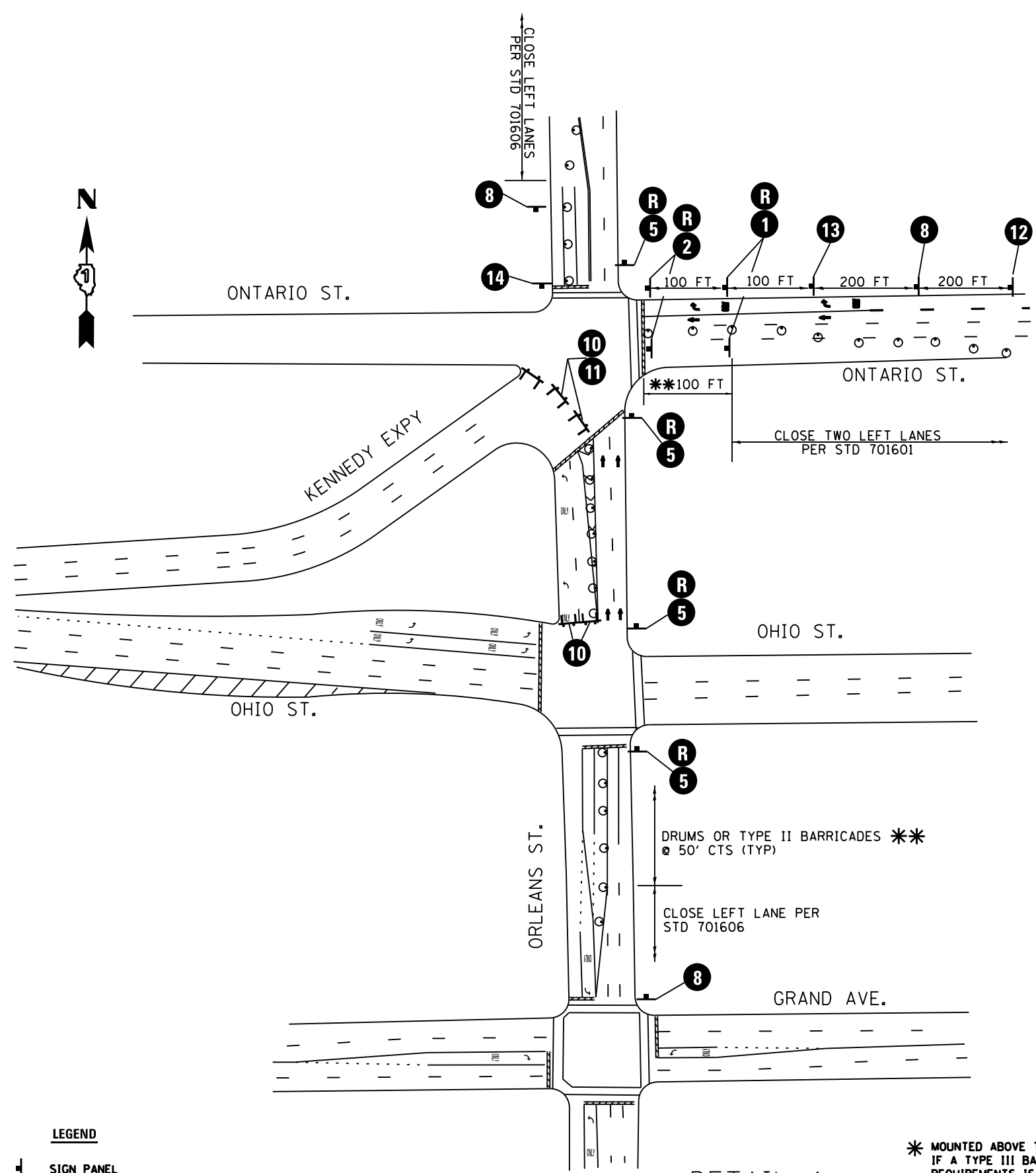
**ILLINOIS DEPARTMENT OF
TRANSPORTATION**

DETOUR DETAILS

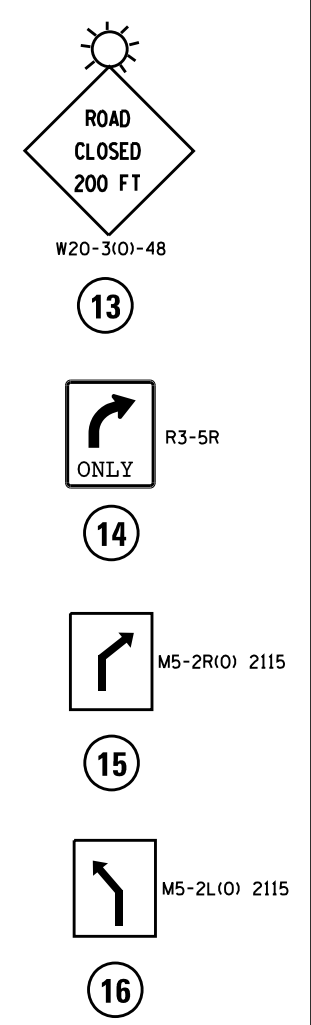
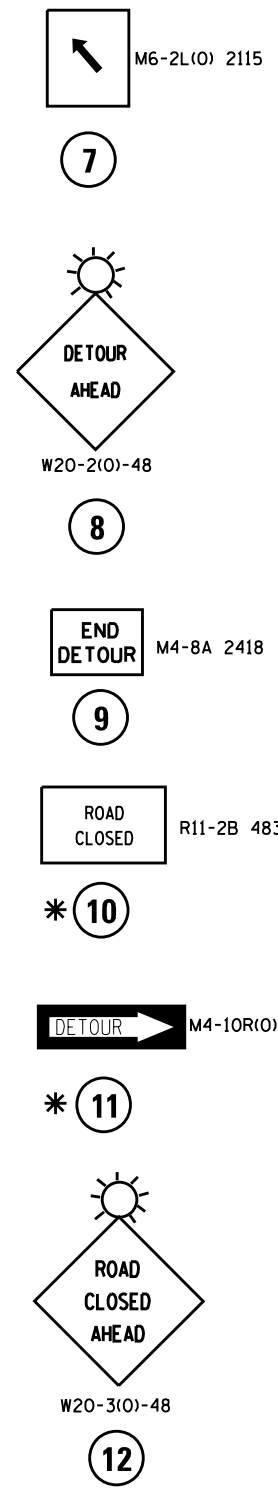
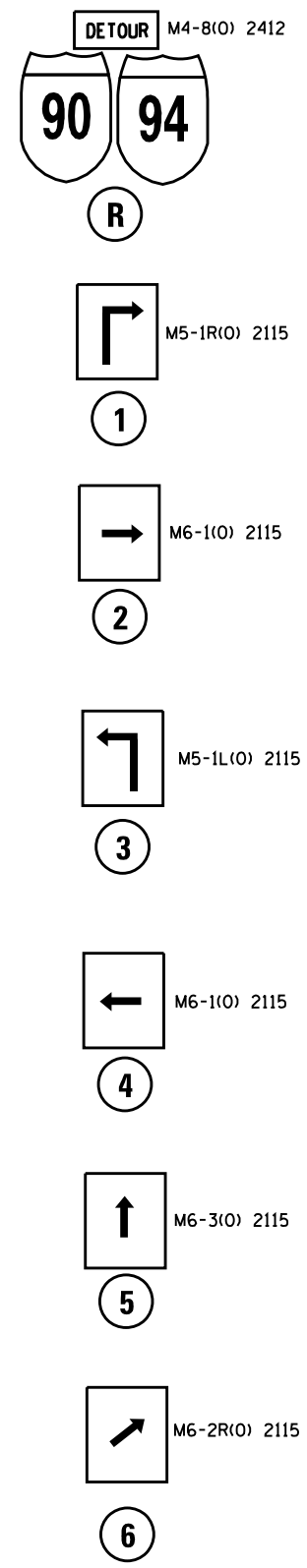
OHIO ST. FEEDER

OUTBOUND OHIO ST DETOUR

SEE DETAIL A
(SHEET 2 OF 2)



DETAIL A



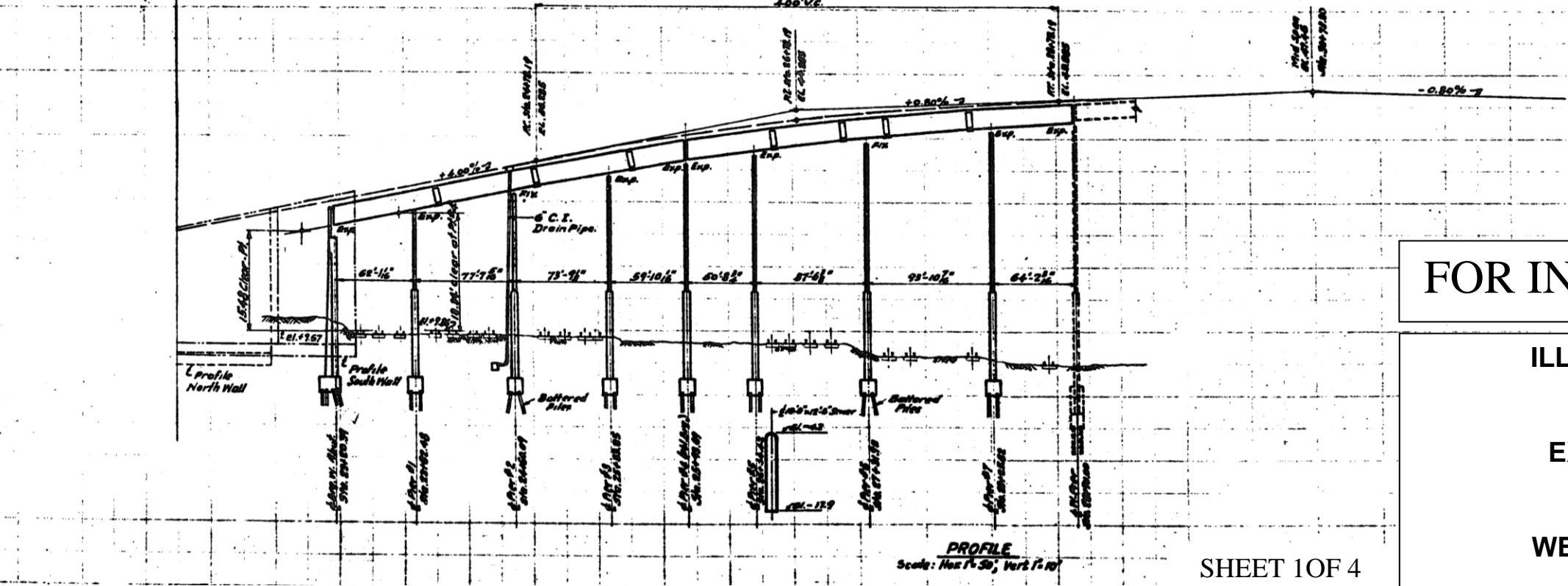
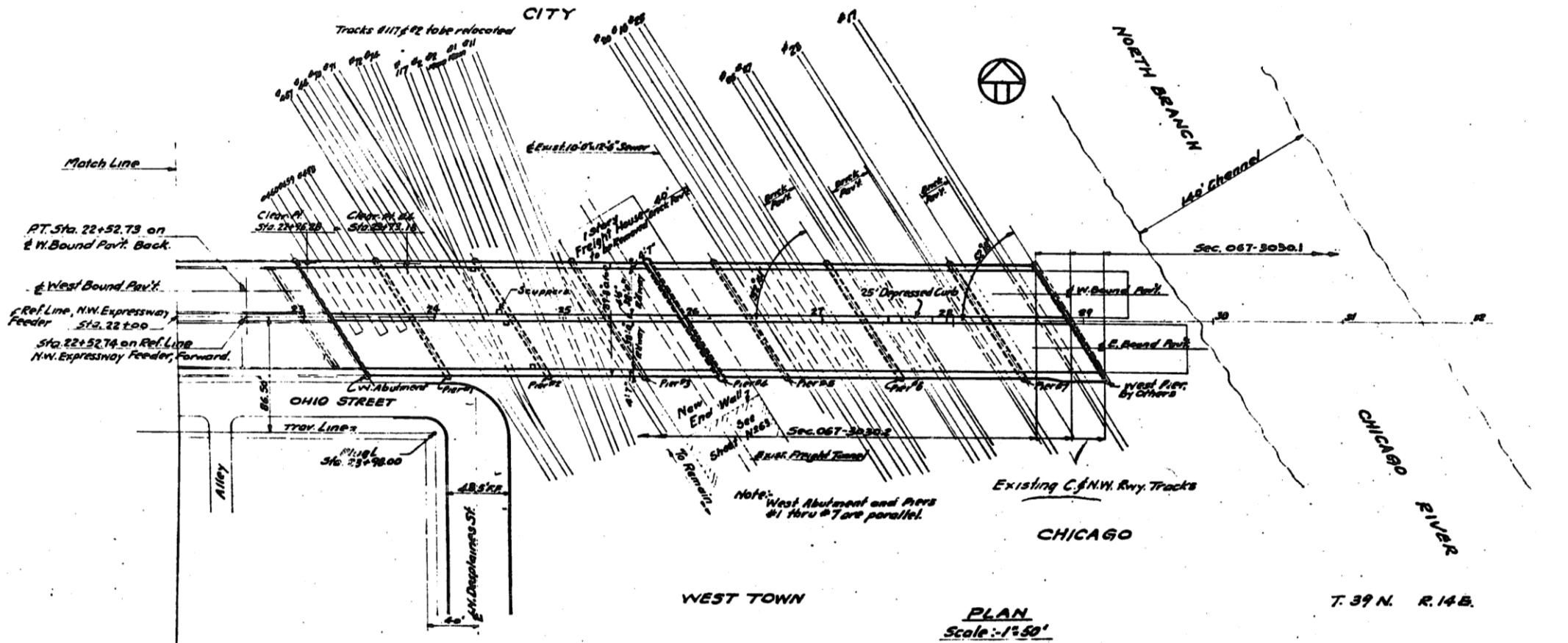
- LEGEND**
- SIGN PANEL
 - TYPE III BARRICADE W/ 2 STEADY BURN LIGHTS EACH (2 OR MORE)

* 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.

FILE NAME =	USER NAME = pyrzanowskirb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OHIO ST. OUTBOUND DETOUR DETAILS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\pyrzanowskirb\d0211590	0168010-sht-plan.dgn	DRAWN -	REVISED -		SCALE:	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	CONTRACT NO.			
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
	PLOT DATE = 10/2/2012	DATE -	REVISED -									

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

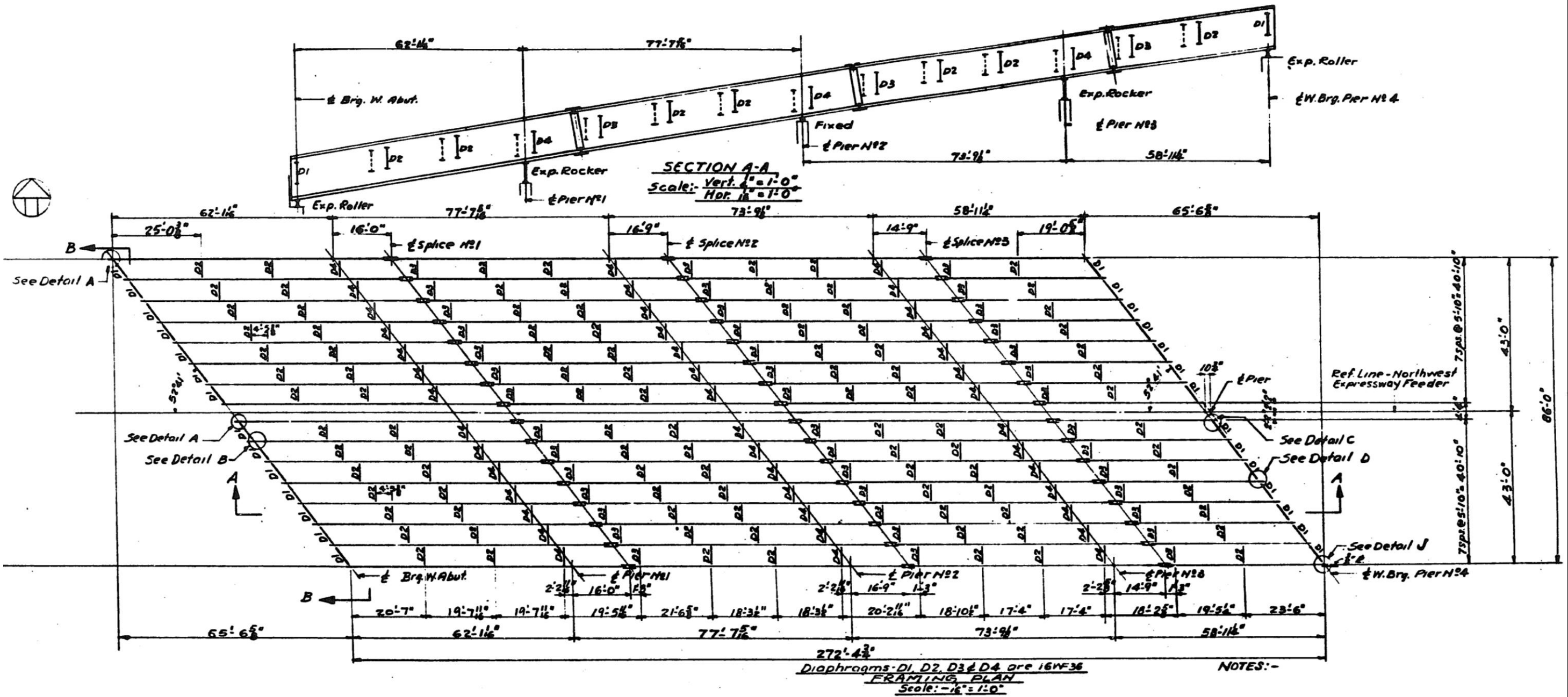
EXISTING BRIDGE PLAN

SN 016-1061
WEST APPROACH BRIDGE
OHIO ST. FEEDER

SHEET 1 OF 4

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

CONTRACT NO. 60L32



ILLINOIS DEPARTMENT OF
TRANSPORTATION

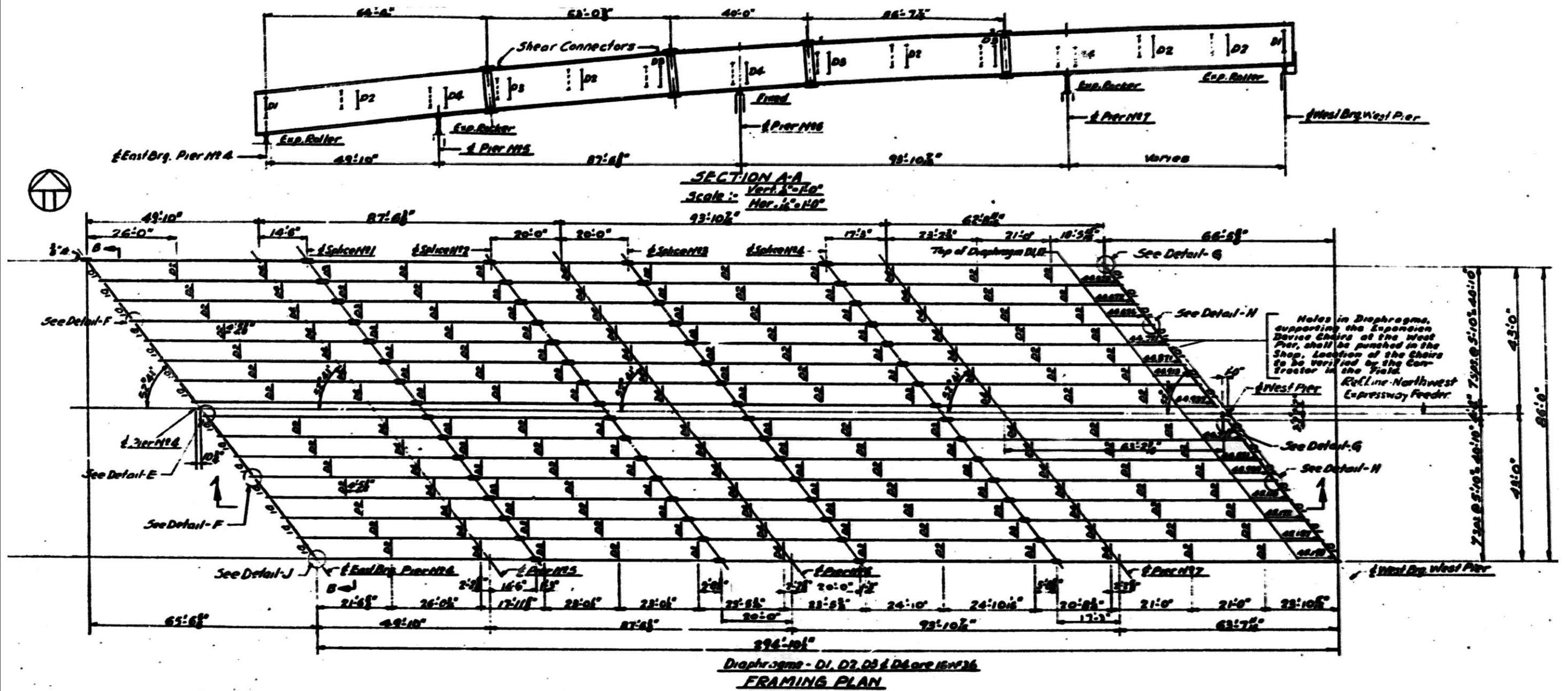
EXISTING FRAMING PLAN

SN 016-1061
WEST APPROACH BRIDGE
OHIO ST. FEEDER

SHEET 2 OF 4

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

CONTRACT NO. 60L32



ILLINOIS DEPARTMENT OF
TRANSPORTATION

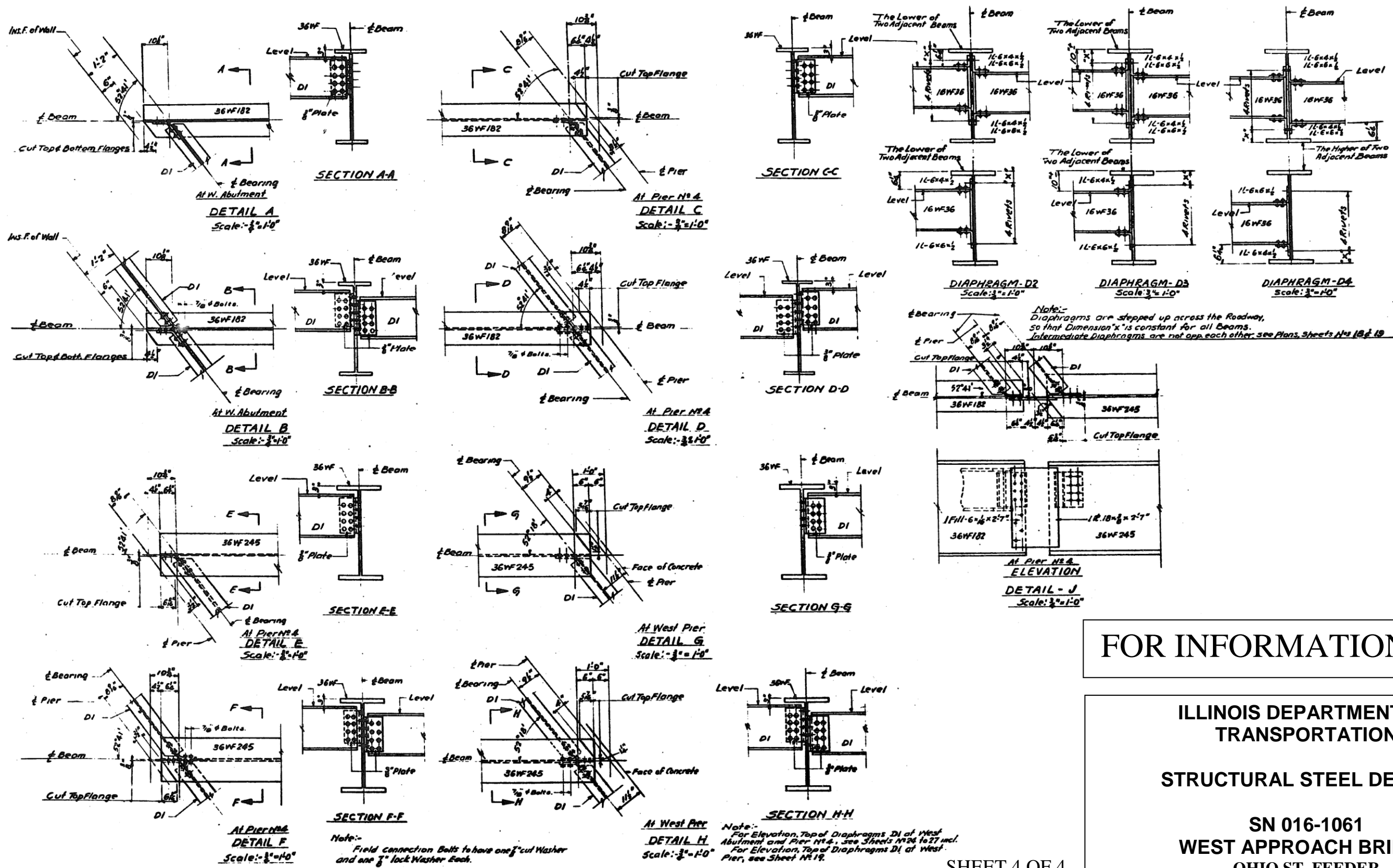
EXISTING FRAMING PLAN

SN 016-1061
WEST APPROACH BRIDGE
OHIO ST. FEEDER

SHEET 3 OF 4

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 383	2010-051 BP	COOK	43	11

CONTRACT NO. 60L32

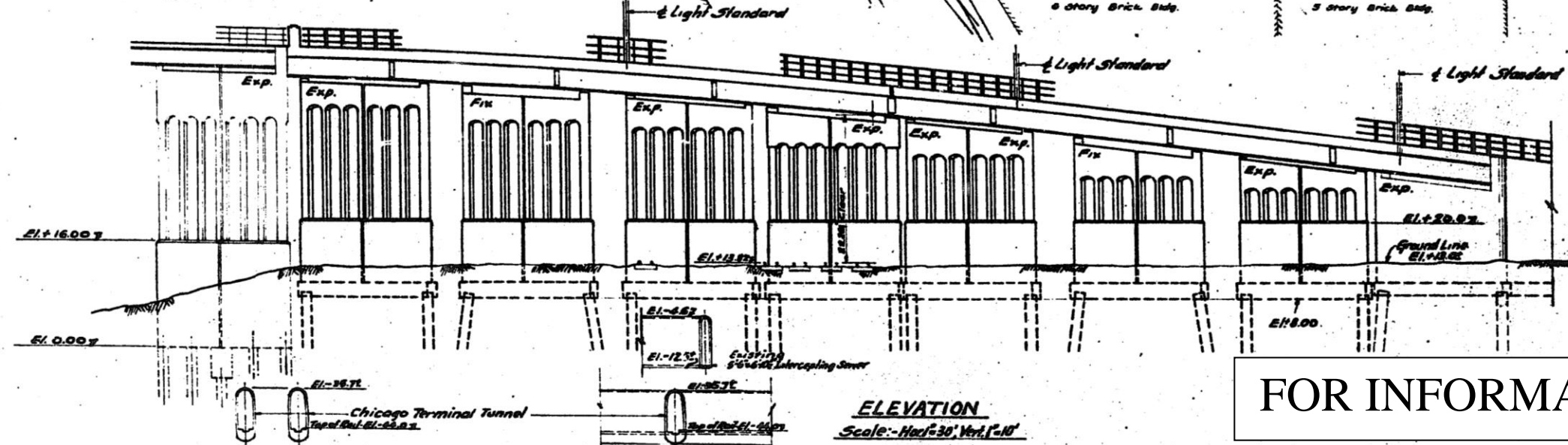
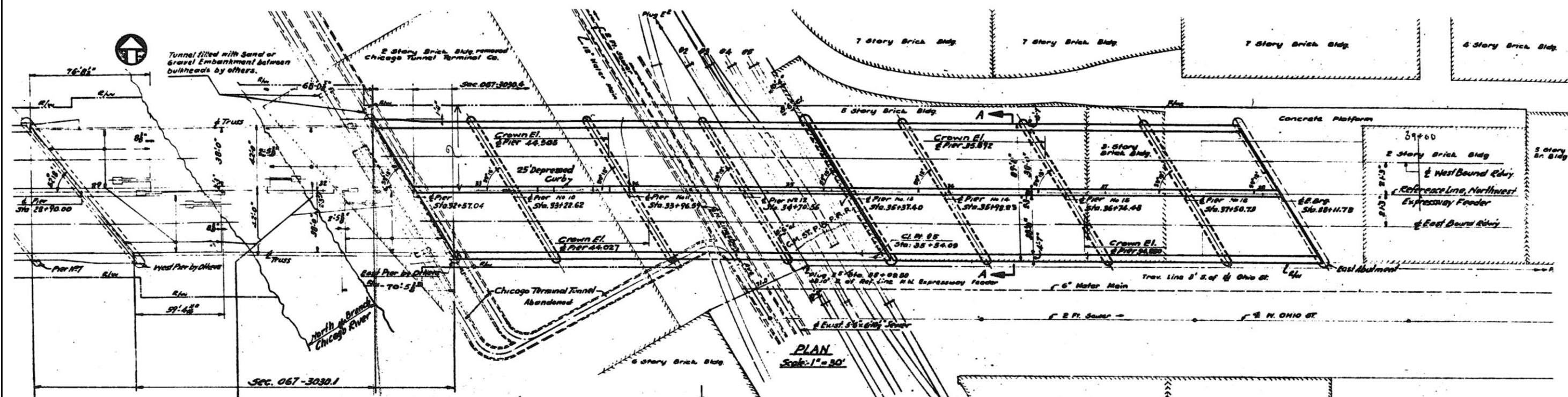


FOR INFORMATION ONLY

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

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ILLINOIS DEPARTMENT OF
TRANSPORTATION

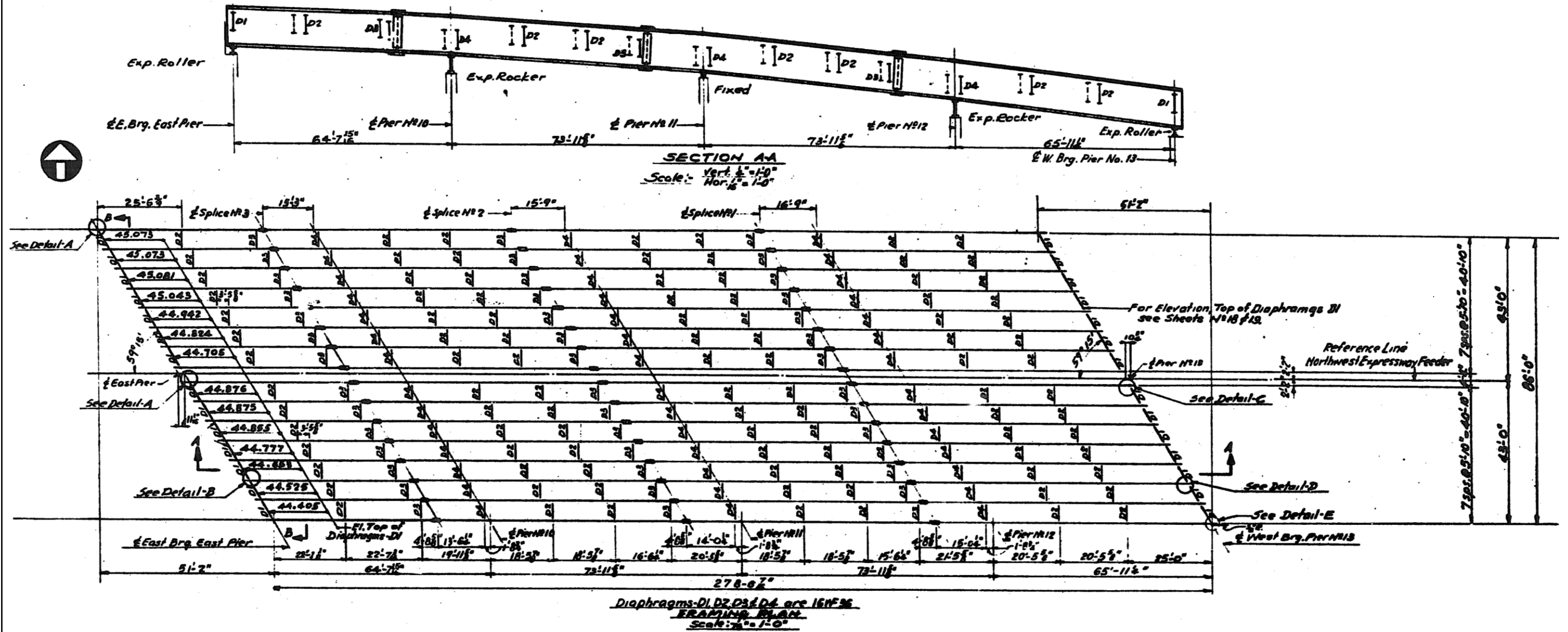
EXISTING BRIDGE PLAN

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

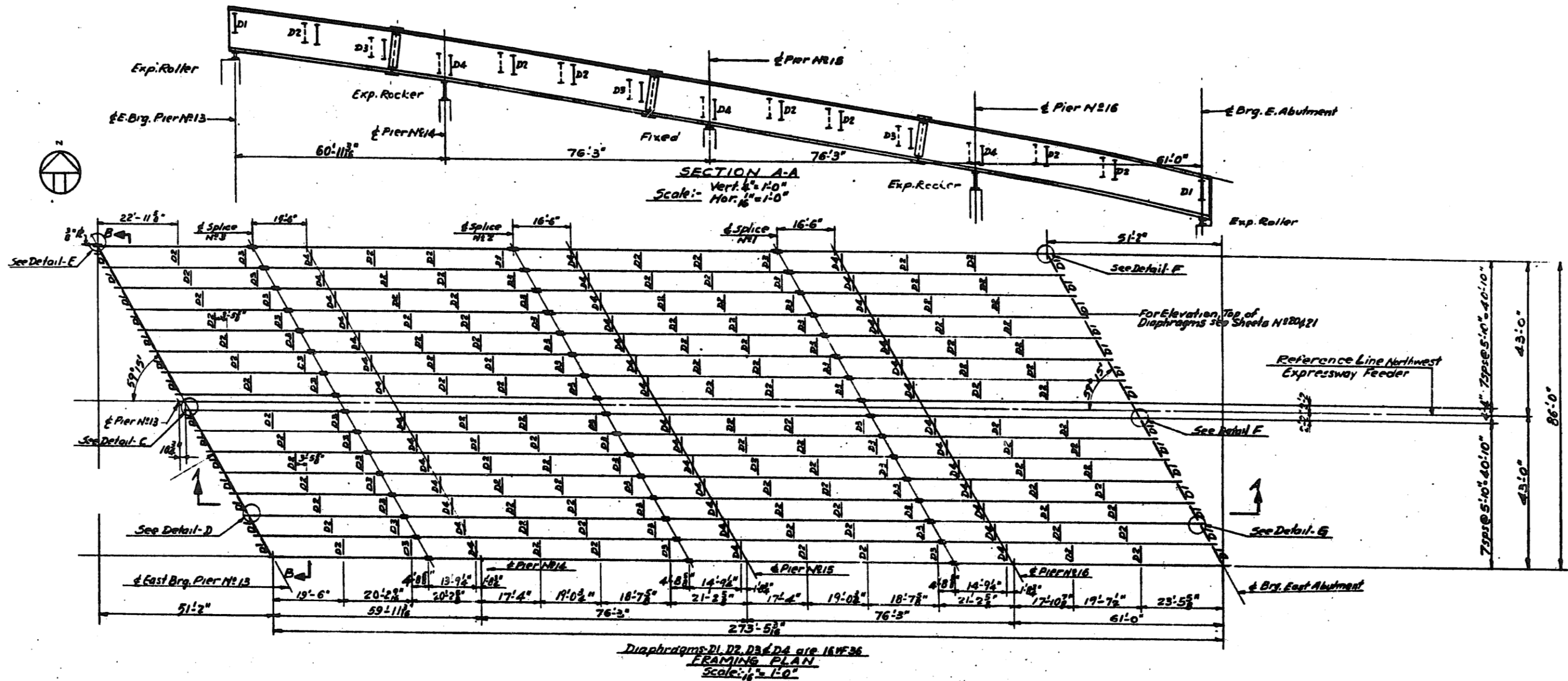
FRAMING PLAN

SN 016-1053
EAST APPROACH BRIDGE
OHIO ST. FEEDER

SHEET 2 OF 4

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

CONTRACT NO. 60L32



ILLINOIS DEPARTMENT OF
TRANSPORTATION

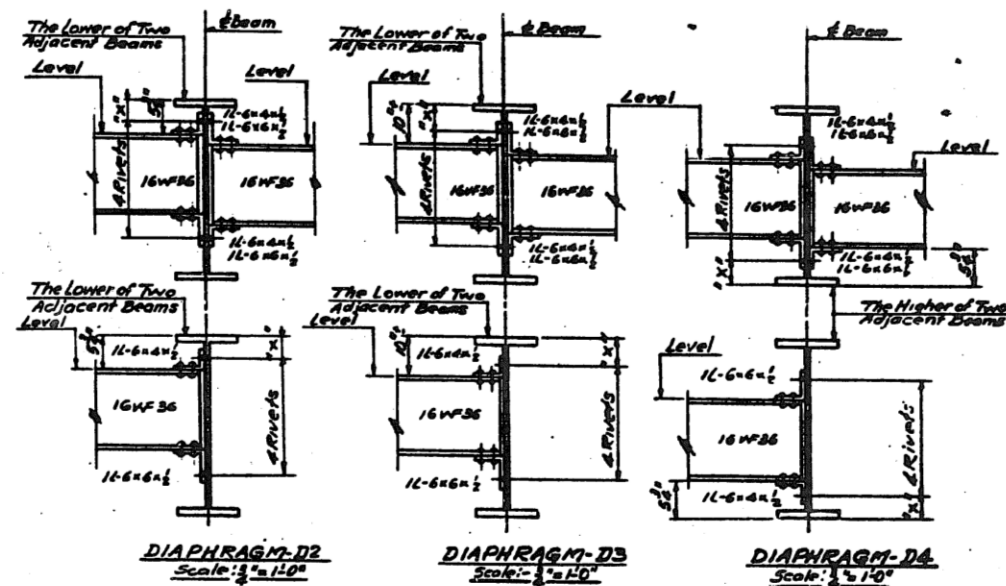
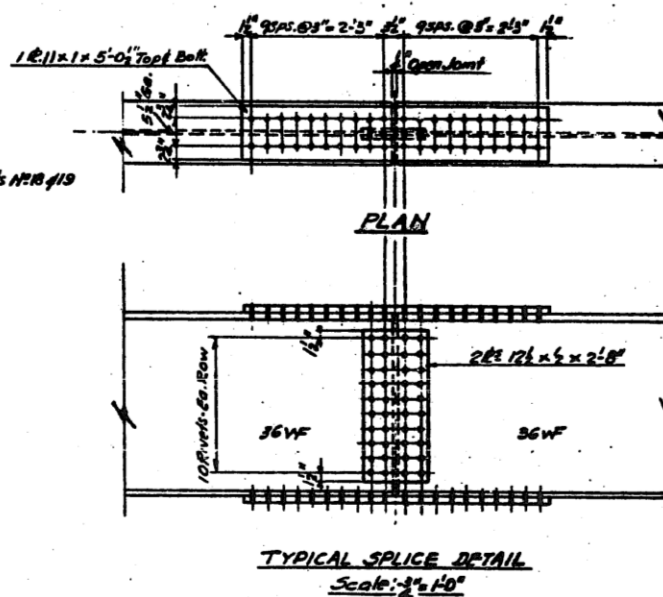
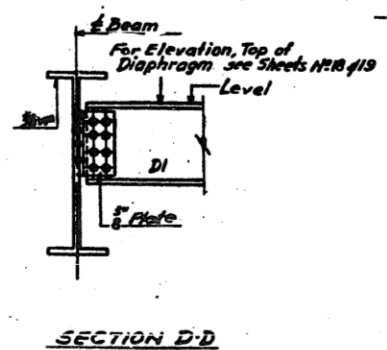
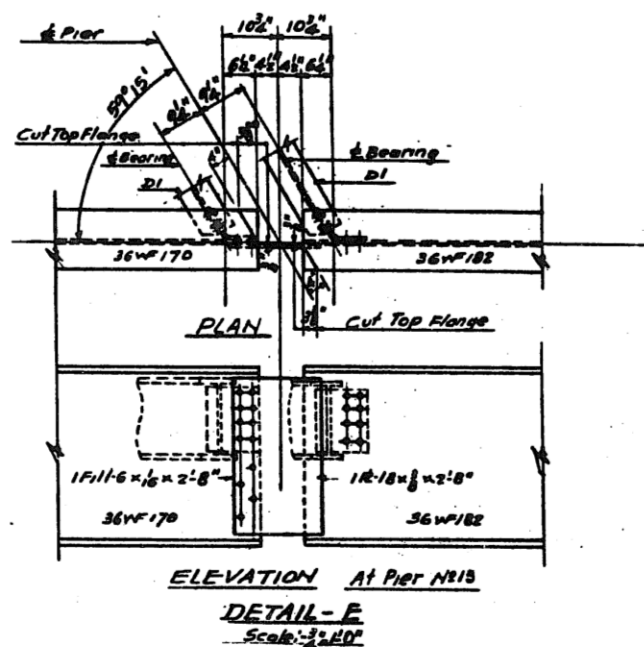
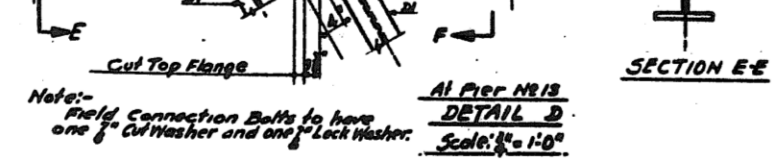
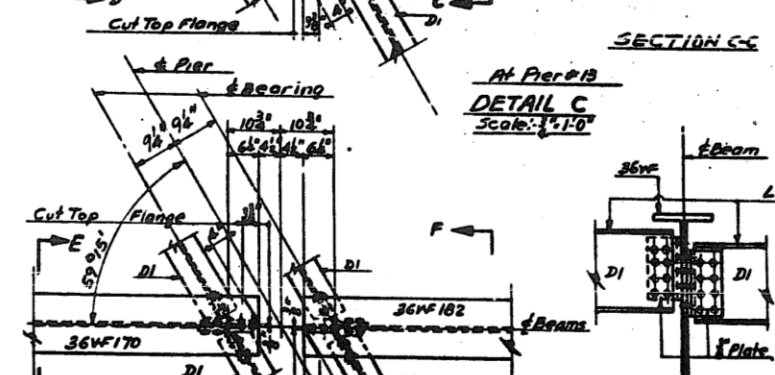
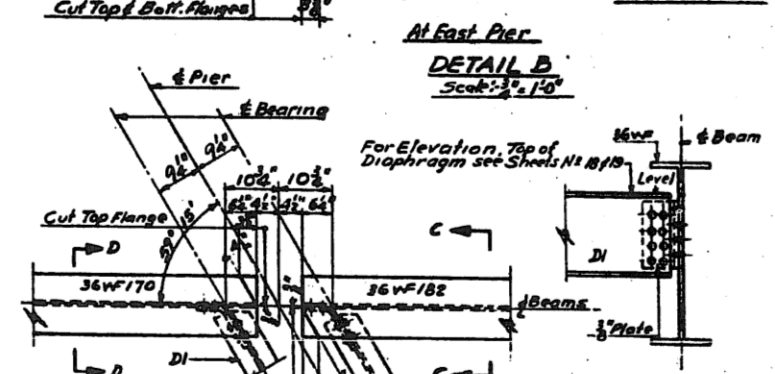
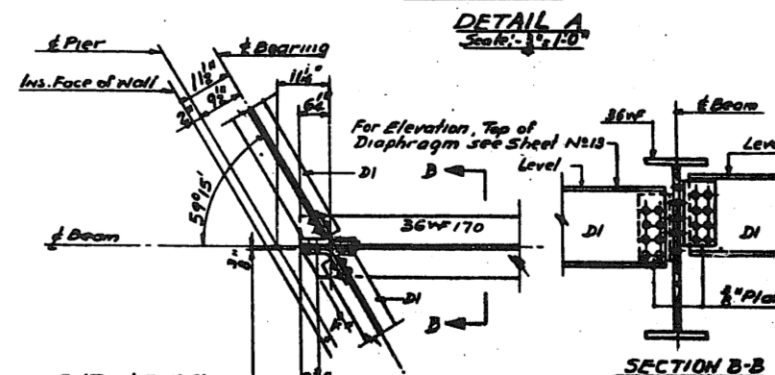
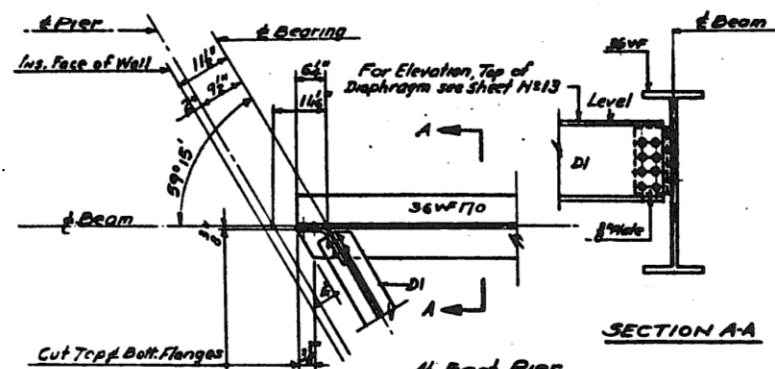
FRAMING PLAN

SN 016-1053
EAST APPROACH BRIDGE
OHIO ST. FEEDER

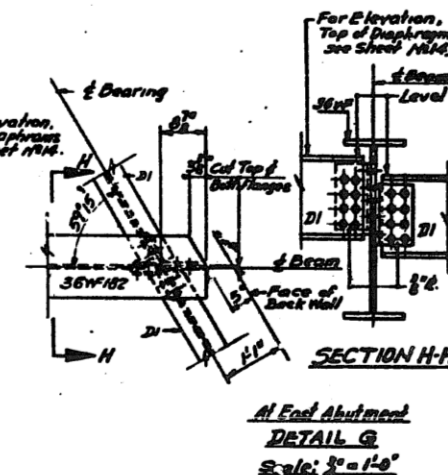
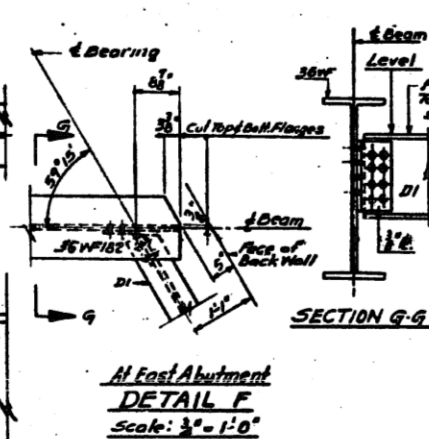
SHEET 3 OF 4

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

CONTRACT NO. 60L32



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 Plans, Sheets N113 & 114.



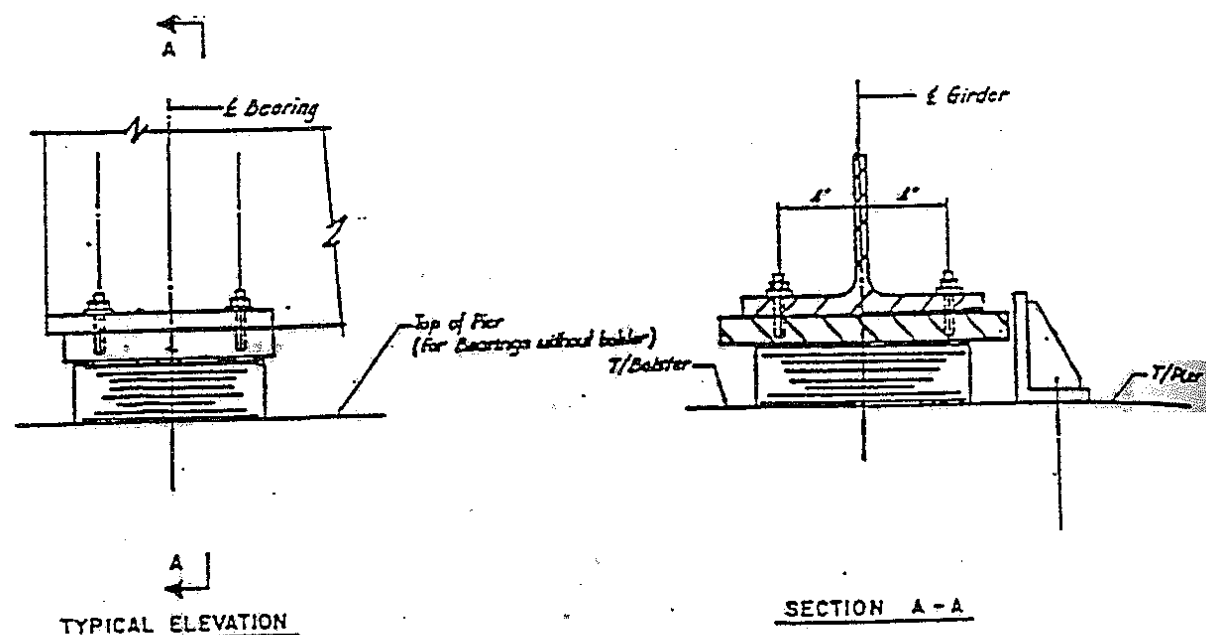
FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF
TRANSPORTATION
STRUCTURAL STEEL DETAILS

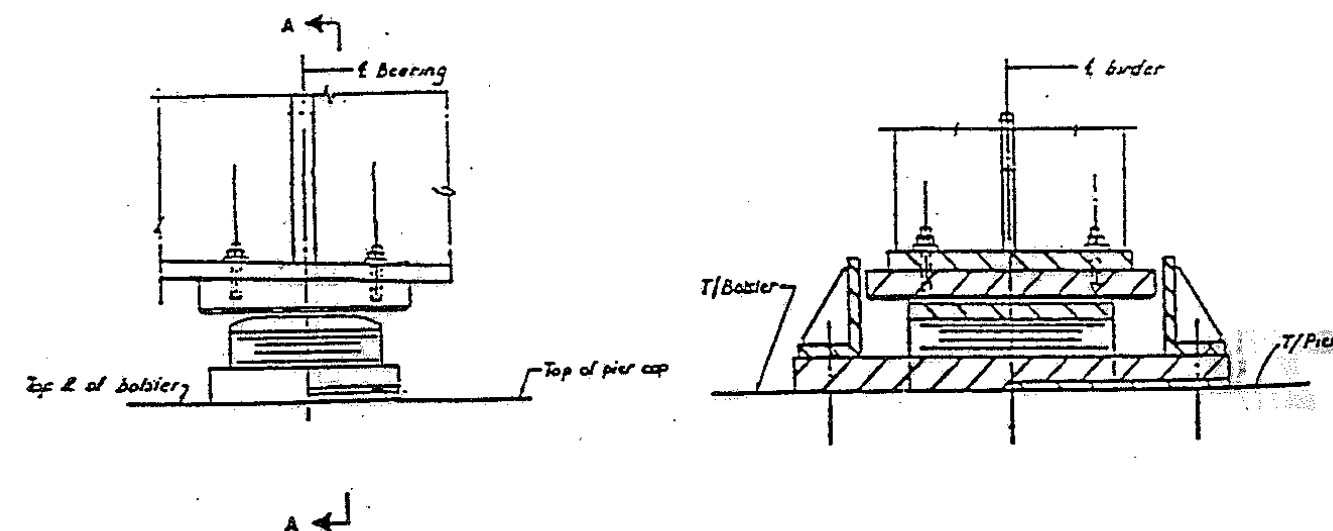
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EAST APPROACH BRIDGE
OHIO ST. FEEDER

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

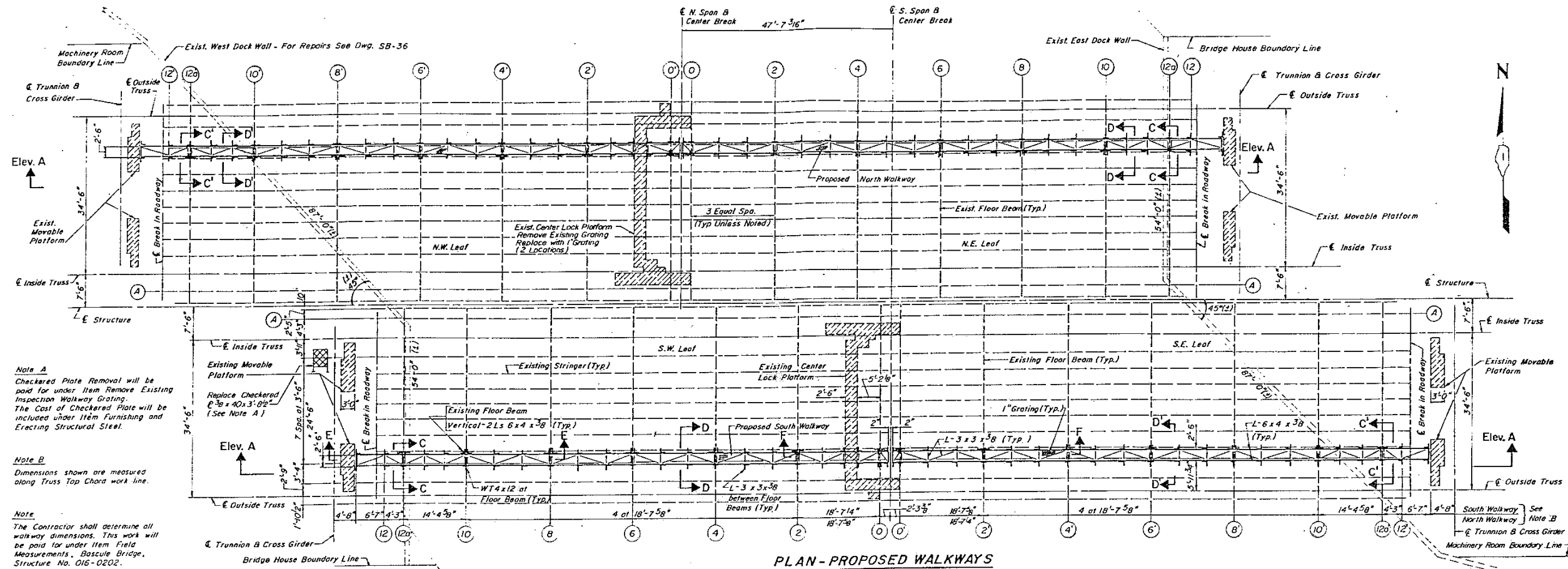
ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING BEARINGS

WEST & EAST APPROACH BRIDGE
OHIO ST. FEEDER

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

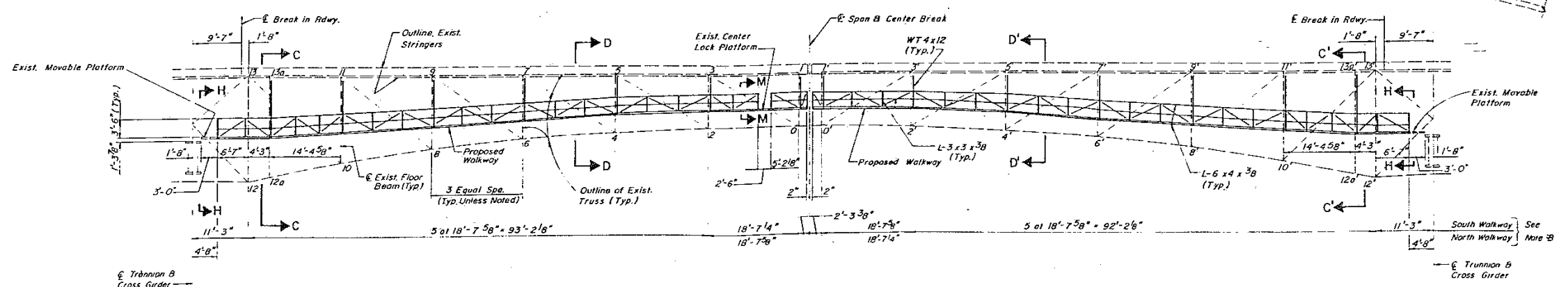
CONTRACT NO. 60L32



Note A
Checked Plate Removal will be paid for under Item Remove Existing Inspection Walkway Grating. The Cost of Checked 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.

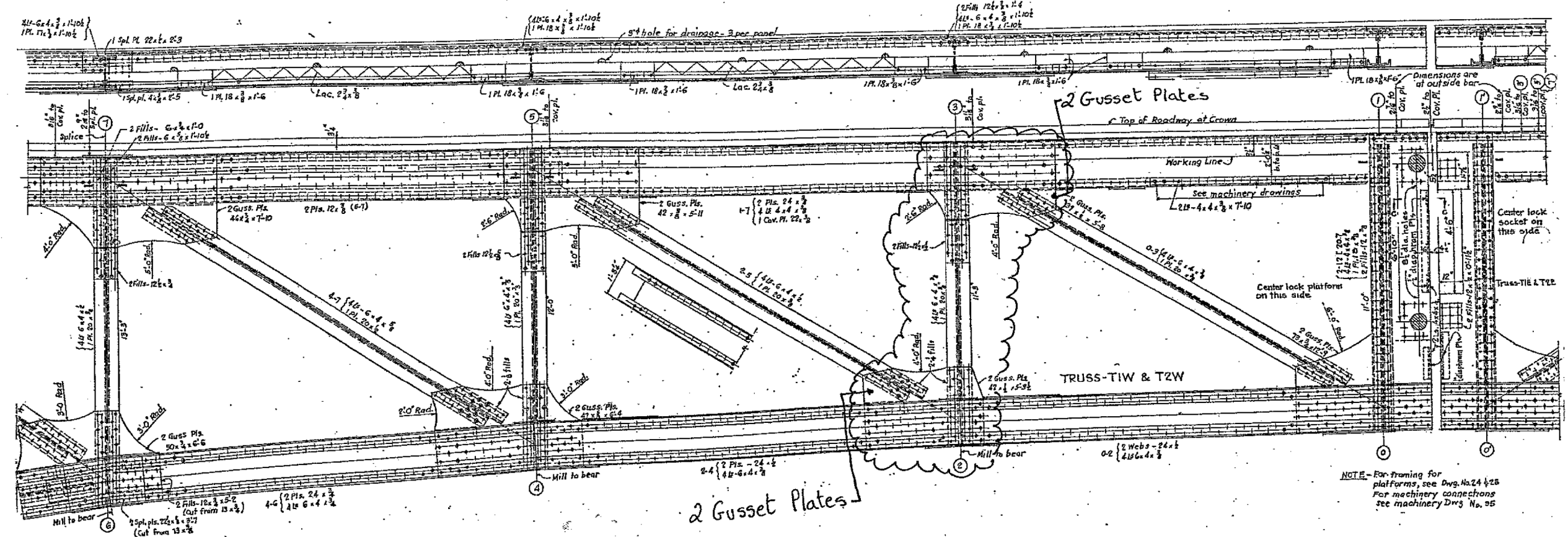


FOR INFORMATION ONLY

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

ILLINOIS DEPARTMENT OF
TRANSPORTATION

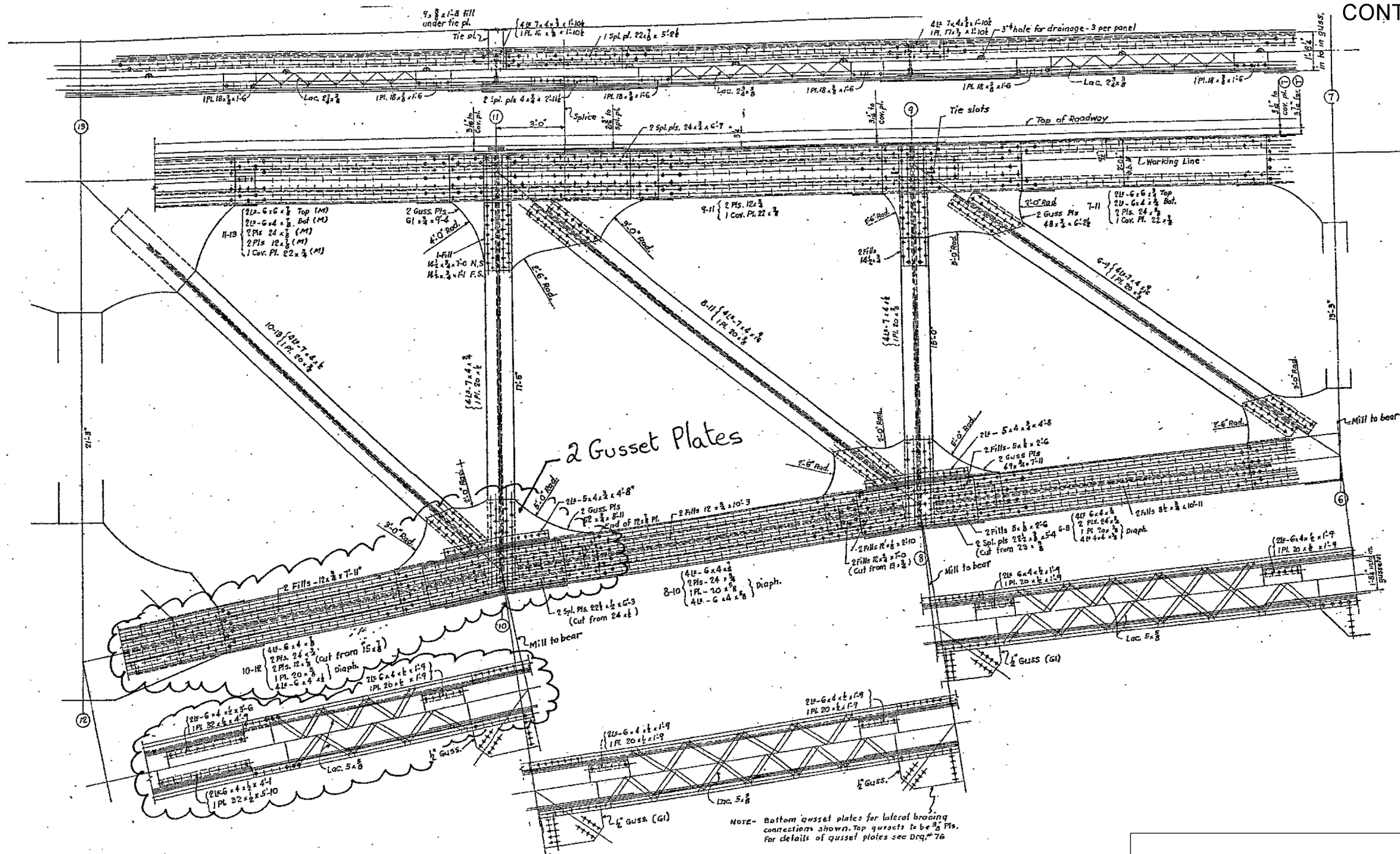
EXISTING BRIDGE PLAN

SN 016-0202
OHIO ST. FEEDER

INSIDE TRUSS - PANEL 0-6'

ROUTE FAP 383	SECTION 2010-051 BP	COUNTY COOK	TOTAL SHEETS 43	SHEET NUMBER 19
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CONTRACT NO. 60L32



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

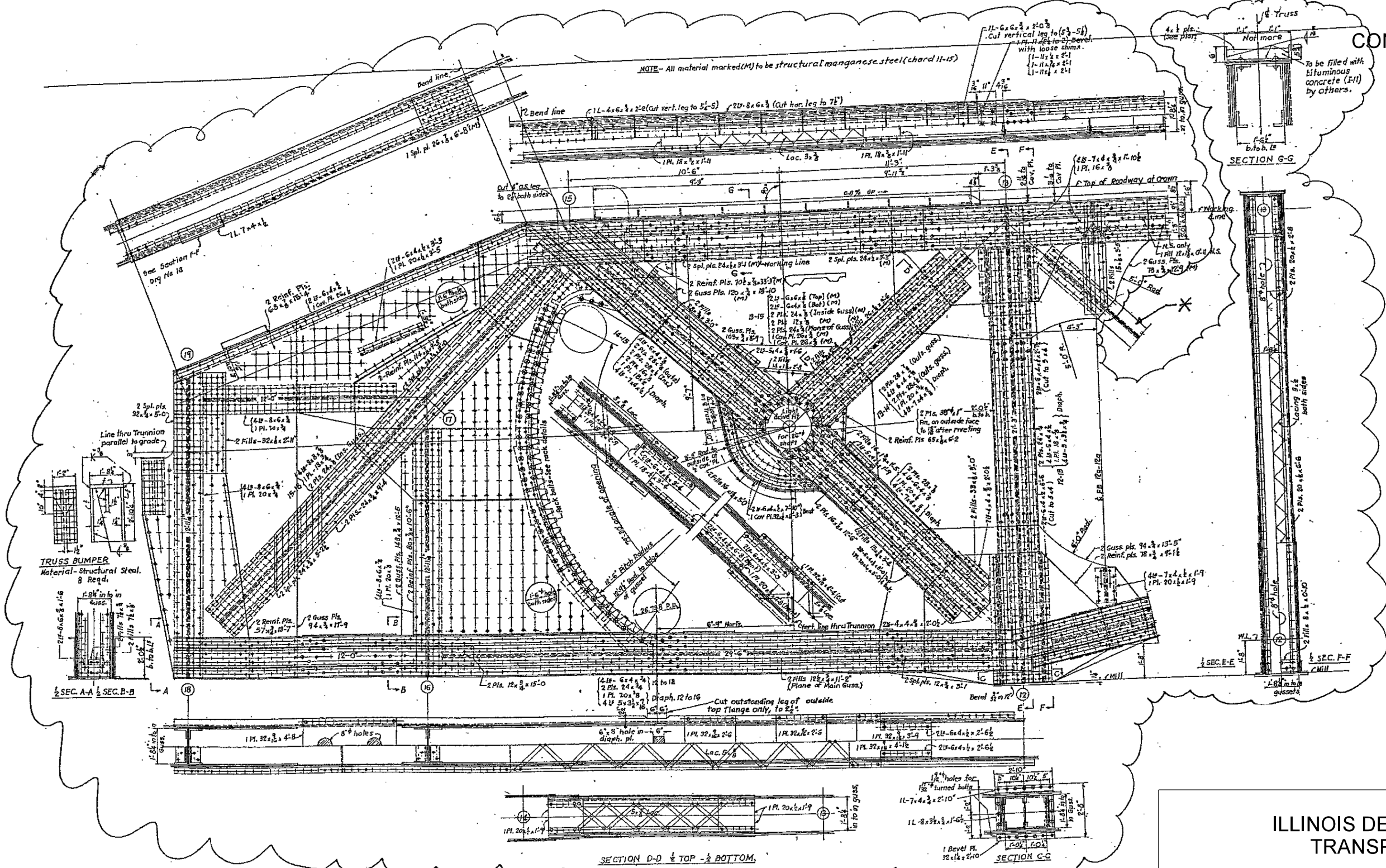
CLOUDED AREAS DESIGNATE:
 CLEANING AND PAINTING STEEL BRIDGE

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

Note
- Paint Inbound and Outbound
- 4 Locations

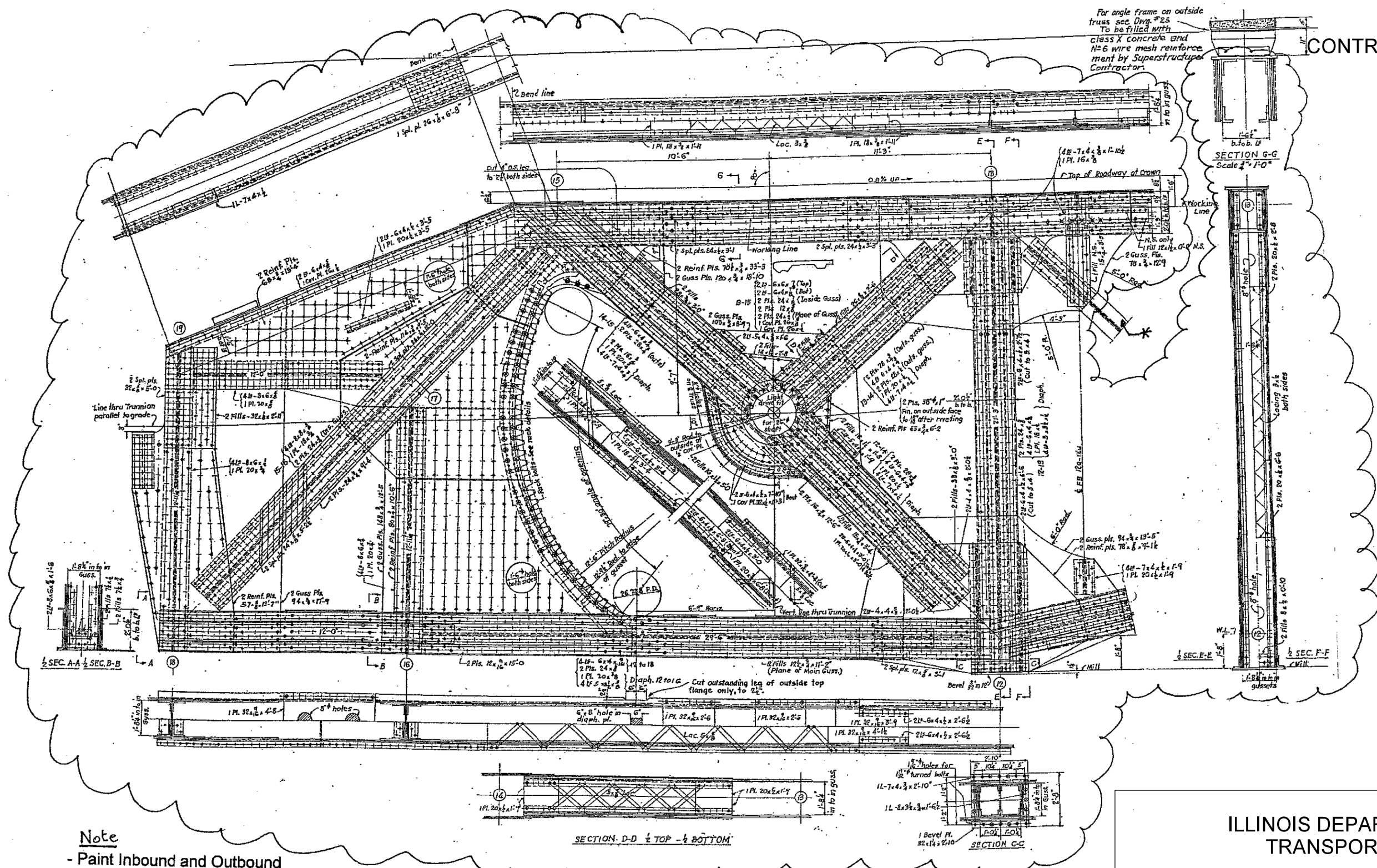
CLOUDED AREAS DESIGNATE:
CLEANING AND PAINTING STEEL BRIDGE

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

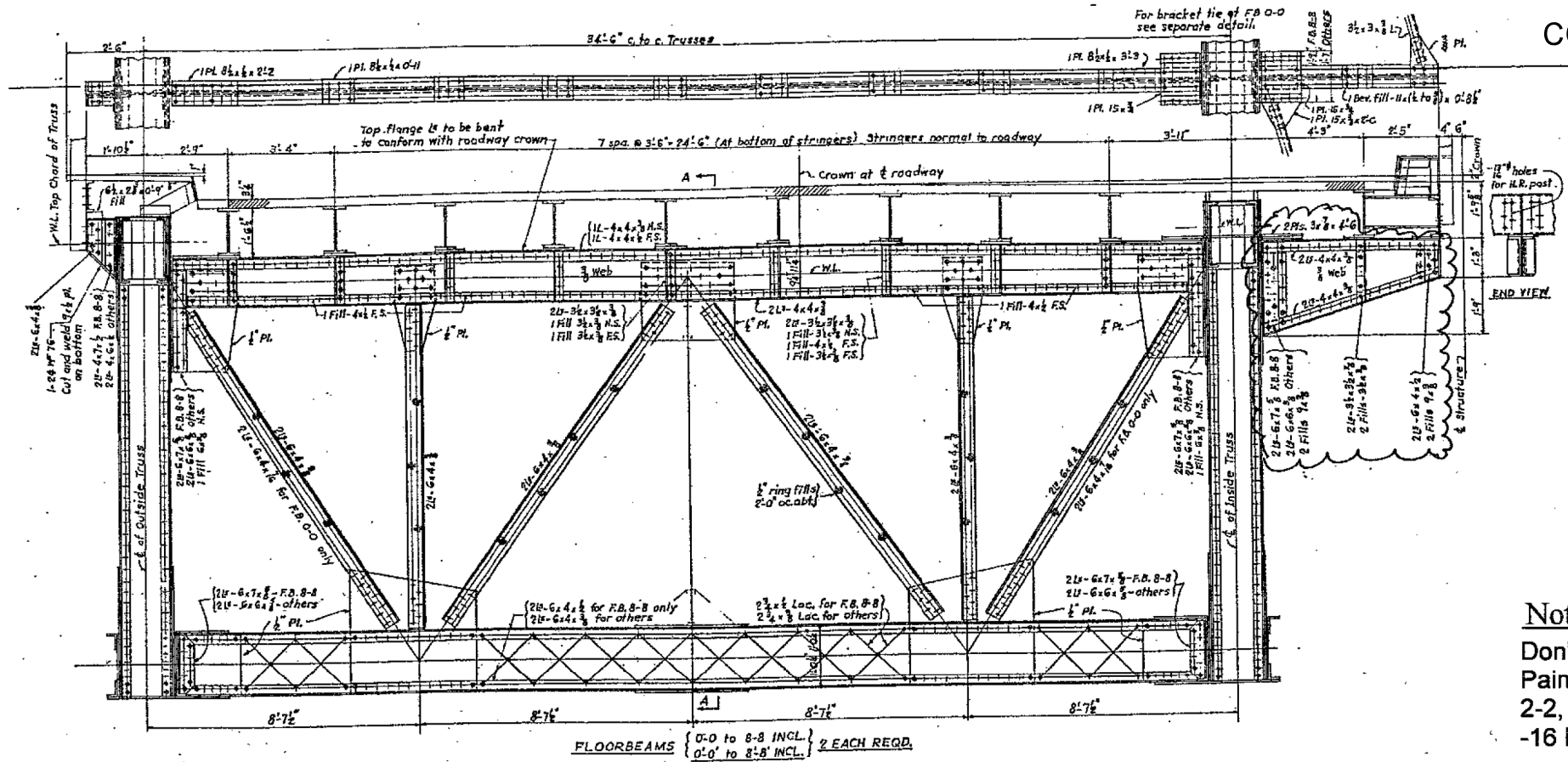
OUTSIDE TRUSS - REAR ARM

ILLINOIS DEPARTMENT OF
 TRANSPORTATION
 EXISTING BRIDGE PLAN

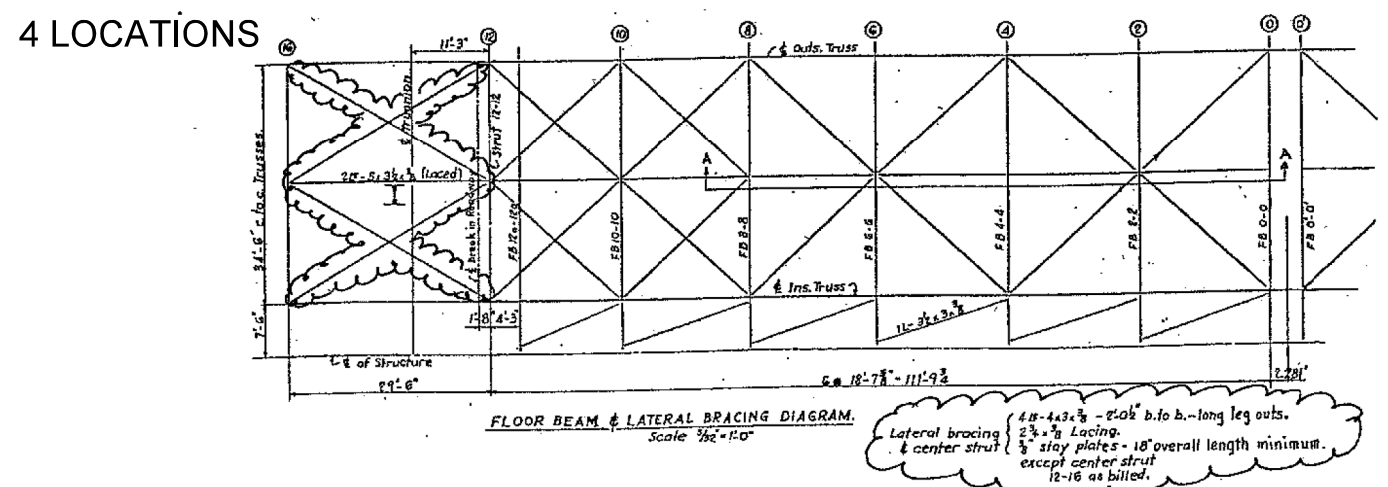
SN 016-0202
 OHIO ST. FEEDER

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



CLOUDED AREAS DESIGNATE:
 CLEANING AND PAINTING STEEL BRIDGE

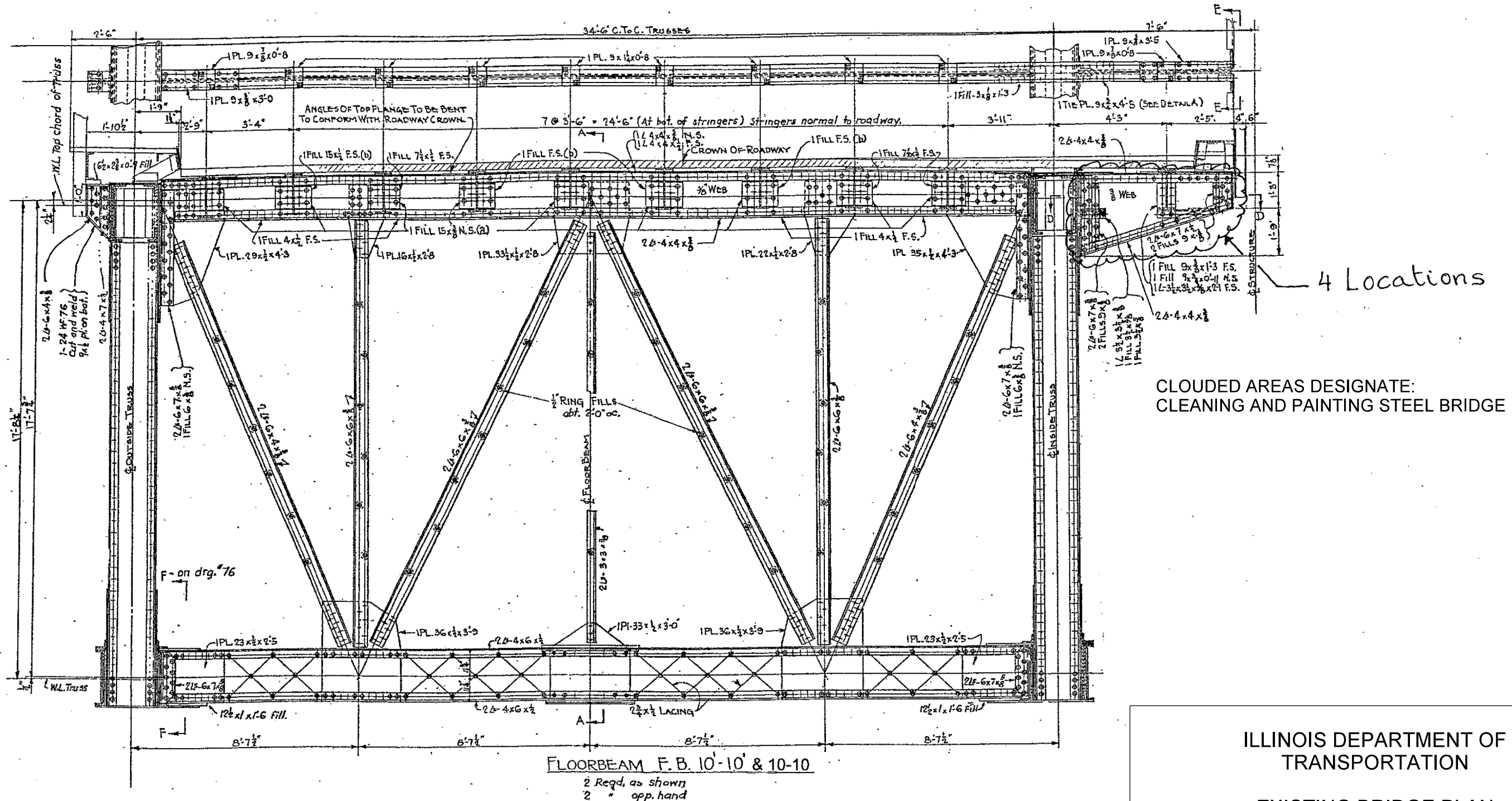
FLOOR BEAM 0-0 TO 8-8 & 0'-0' TO 8'-8' INCLUSIVE

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

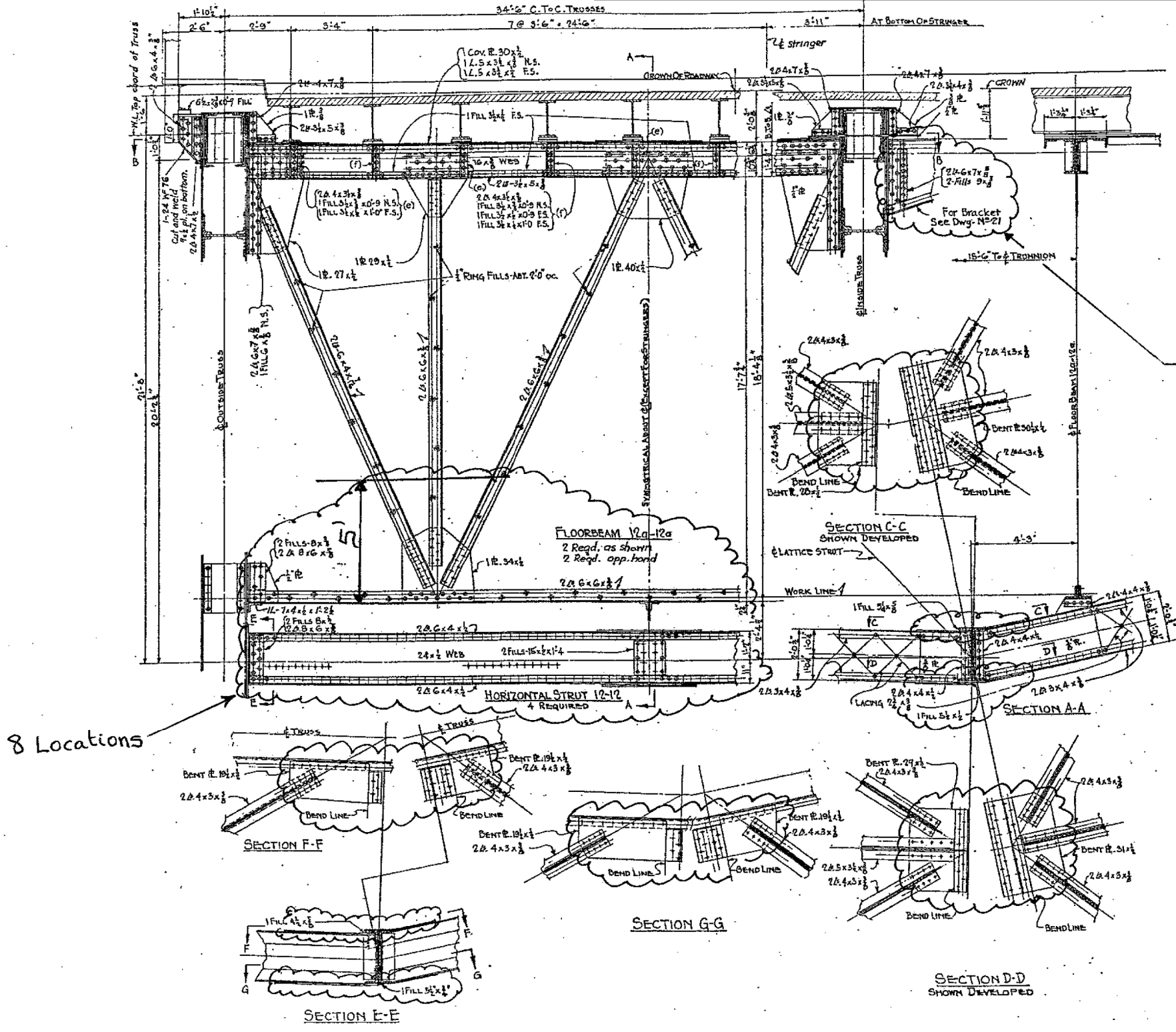


ILLINOIS DEPARTMENT OF
TRANSPORTATION
EXISTING BRIDGE PLAN

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



4 Locations for Floor Beam 12a-12a

CLOUDED AREAS DESIGNATE:
CLEANING AND PAINTING STEEL BRIDGE

8 Locations

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

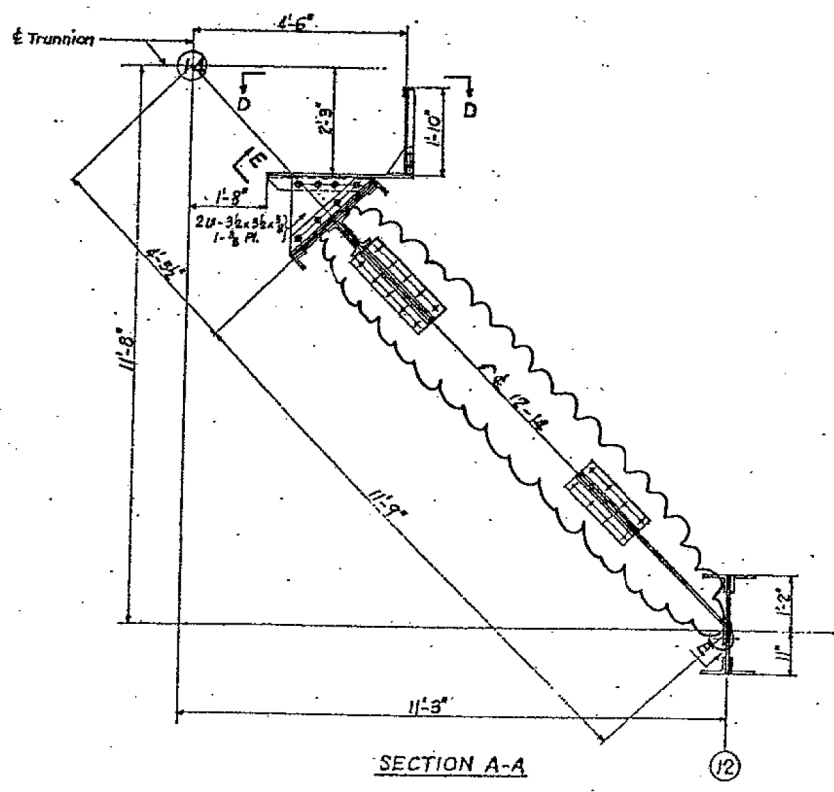
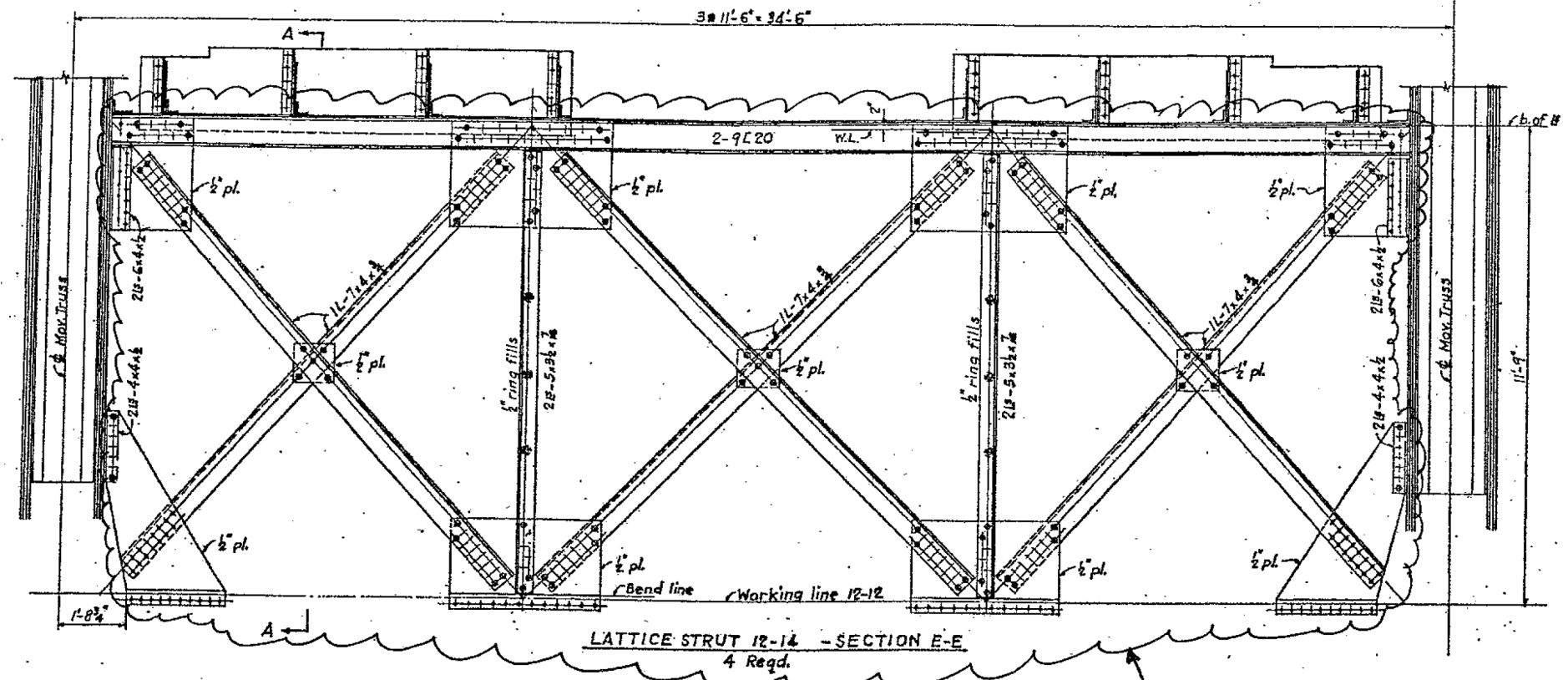
ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING BRIDGE PLAN

SN 016-0202
OHIO ST. FEEDER

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



CLOUDED AREAS DESIGNATE:
CLEANING AND PAINTING STEEL BRIDGE

4 Locations

LATTICE STRUT & PLATFORMS

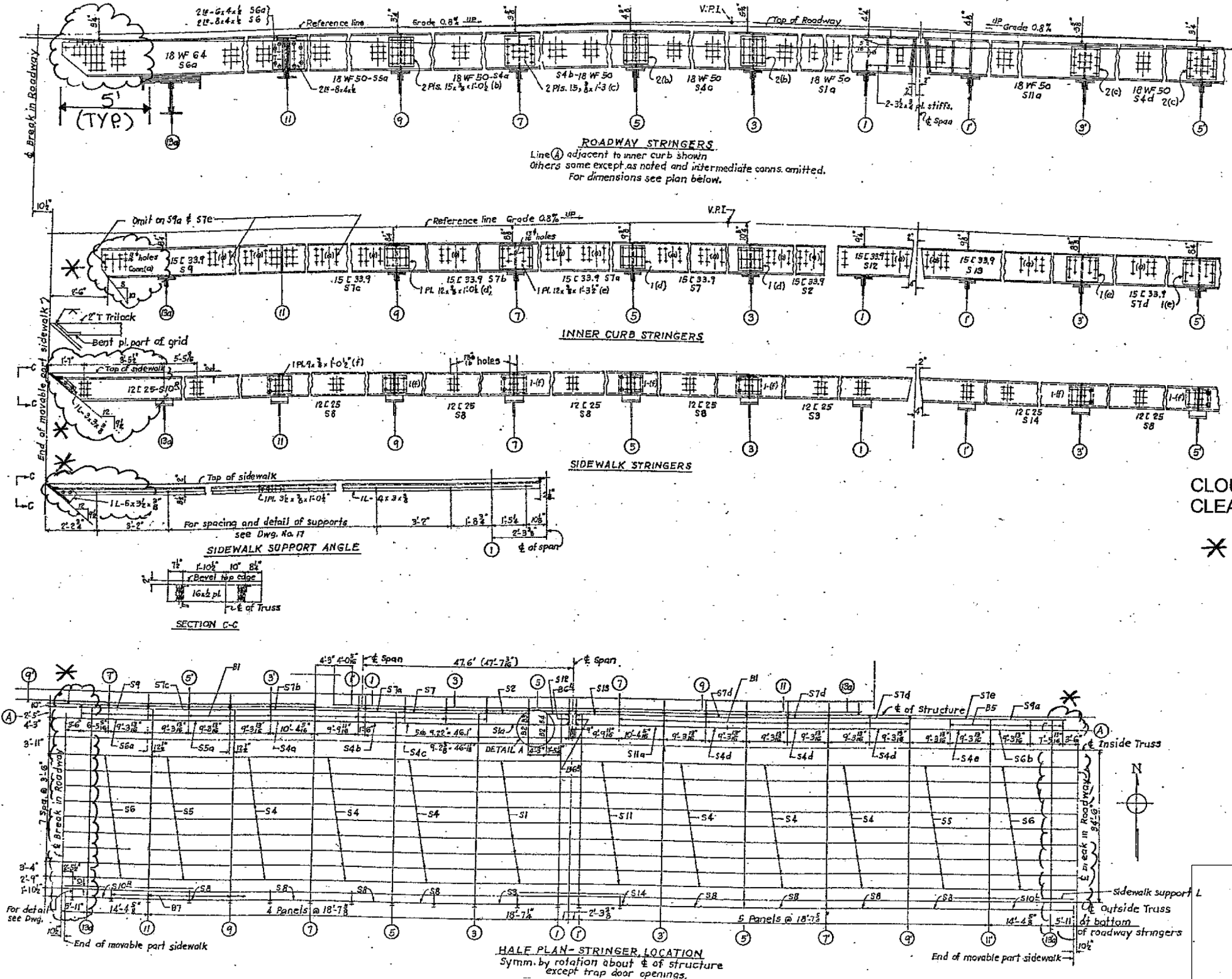
ILLINOIS DEPARTMENT OF
TRANSPORTATION

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



CLOUDED AREAS DESIGNATE:
CLEANING AND PAINTING STEEL BRIDGE

* 5' OF BEAM ENDS
INBOUND & OUTBOUND

ROADWAY & SIDEWALK STRINGERS

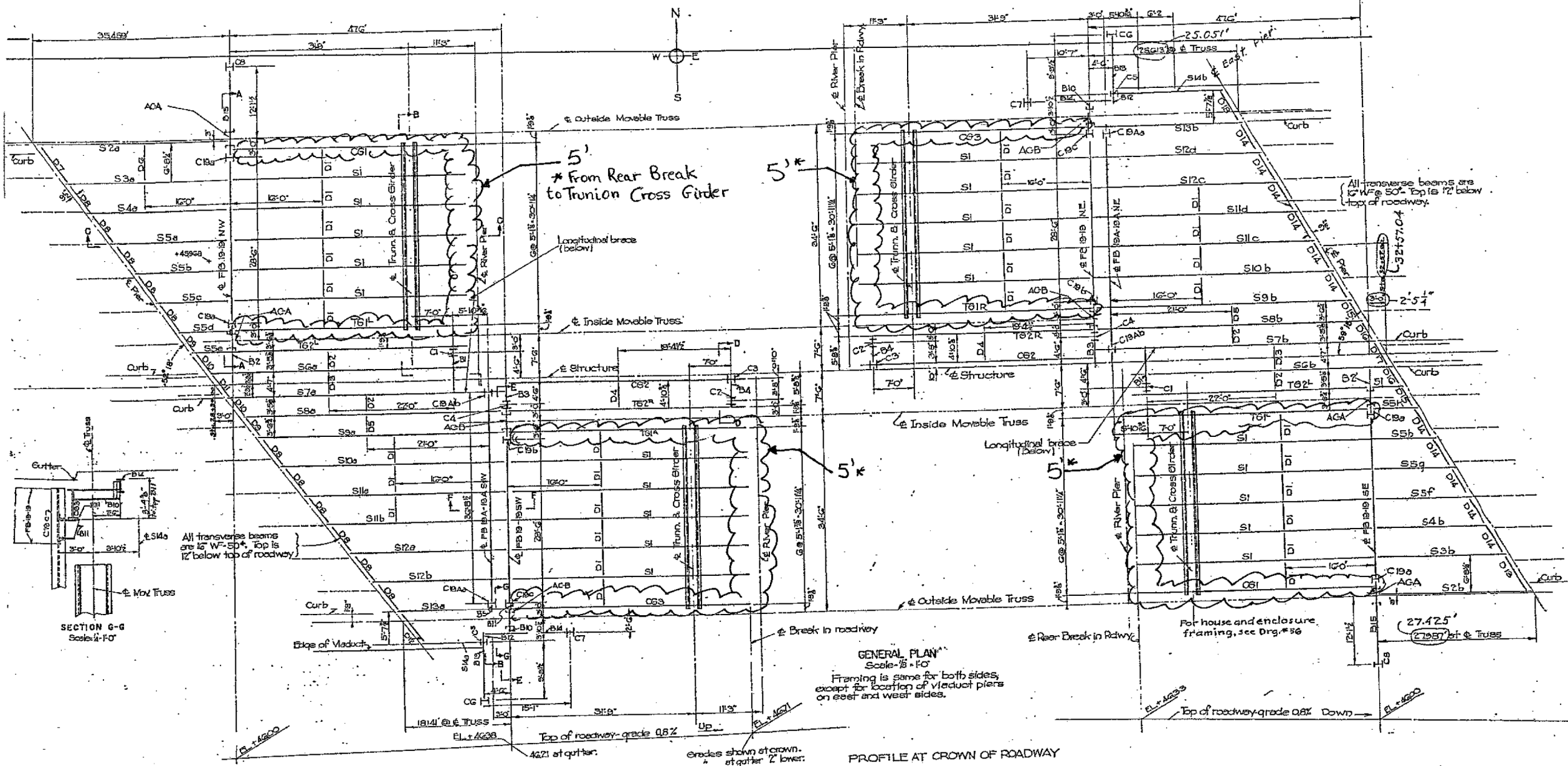
ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING BRIDGE PLAN

SN 016-0202
OHIO ST. FEEDER

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



CLOUDED AREAS DESIGNATE:
CLEANING AND PAINTING STEEL BRIDGE

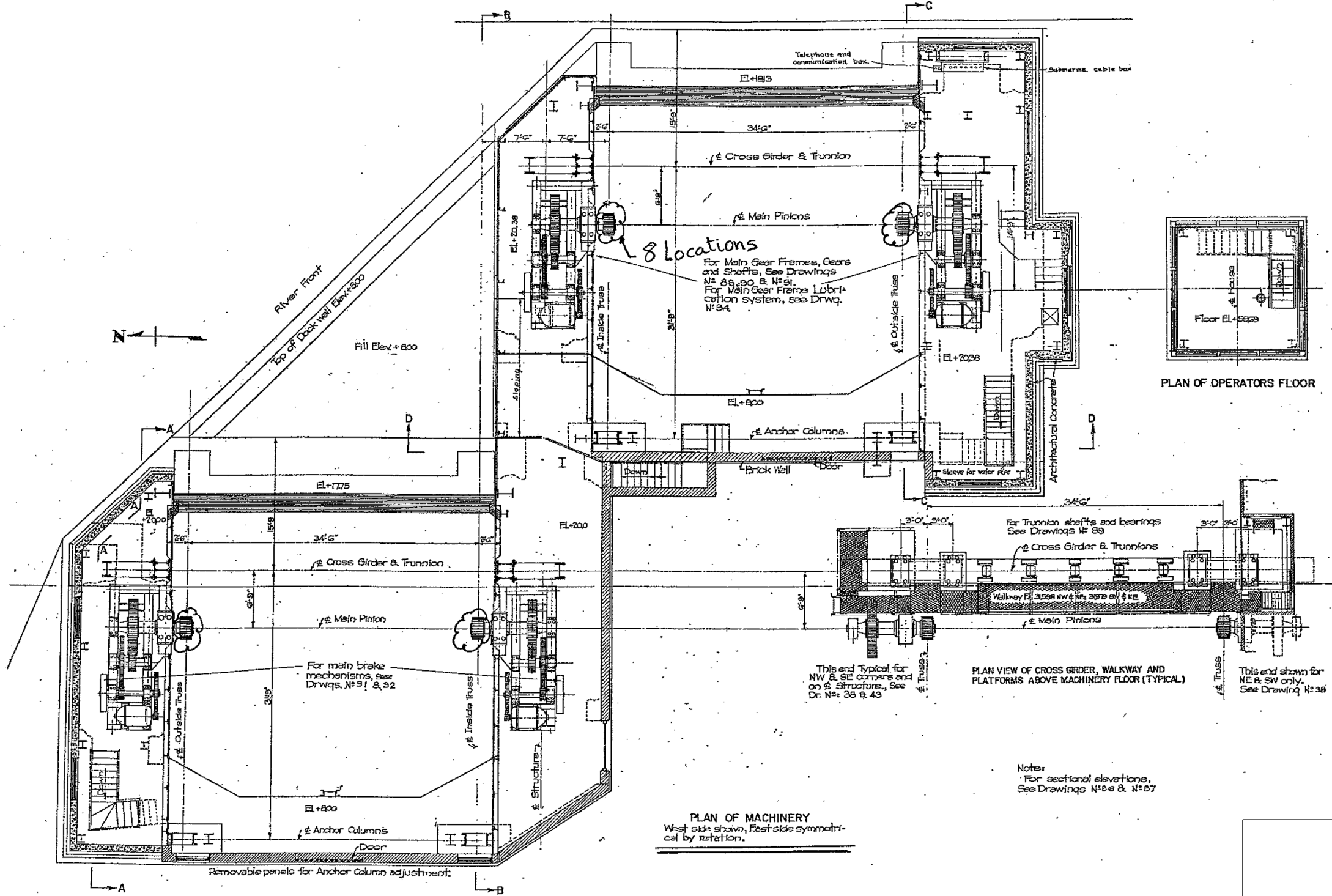
**FLOOR FRAMING PLAN -
FIXED PART**

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

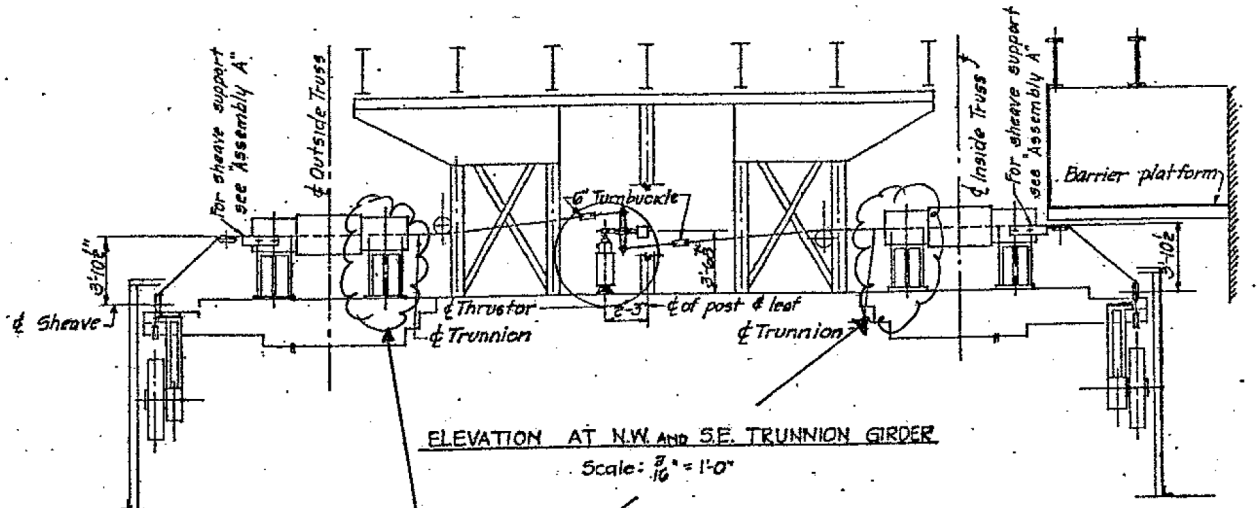
ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING BRIDGE PLAN

SN 016-0202
OHIO ST. FEEDER

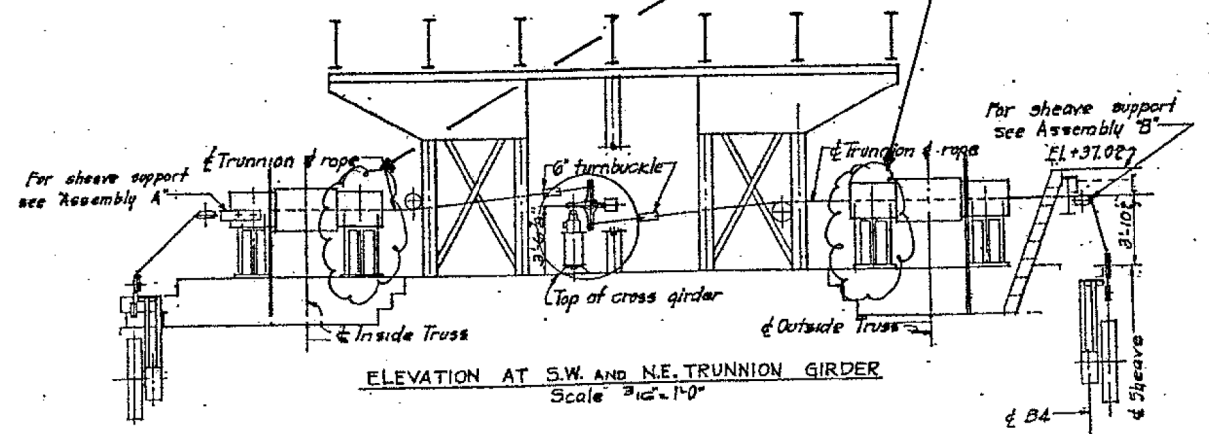
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 383	2010-051 BP	COOK	43	29

CONTRACT NO. 60L32



ELEVATION AT N.W. AND S.E. TRUNNION GIRDER
Scale: $\frac{3}{16}'' = 1'-0''$

Trunion Bearings Closest to $\text{\textcircled{C}}$ of Structure
8 Locations



ELEVATION AT S.W. AND N.E. TRUNNION GIRDER
Scale: $\frac{3}{16}'' = 1'-0''$

CLOUDED AREAS DESIGNATE:
CLEANING AND PAINTING STEEL BRIDGE

BRAKE LAYOUT

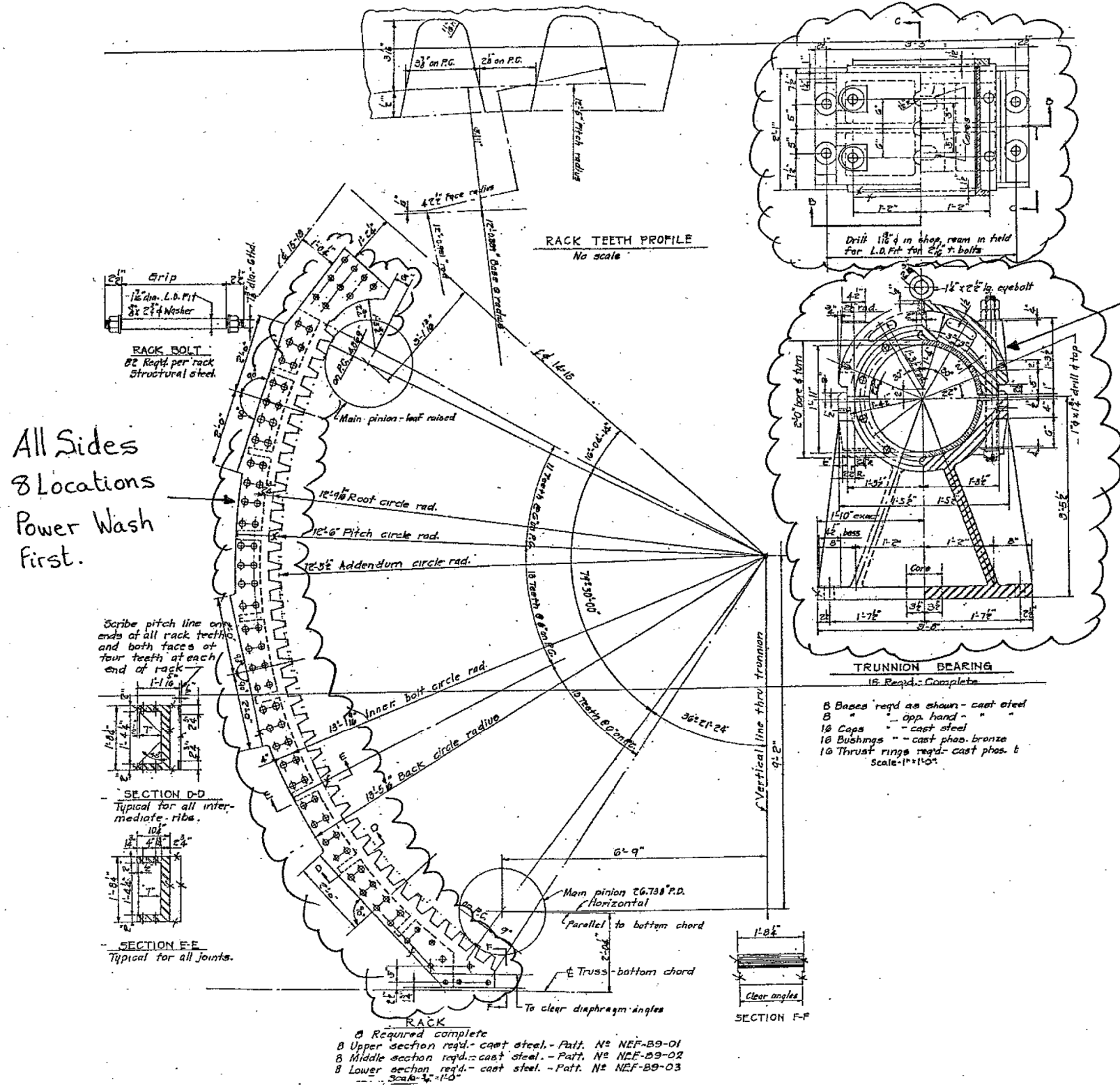
ILLINOIS DEPARTMENT OF
TRANSPORTATION

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

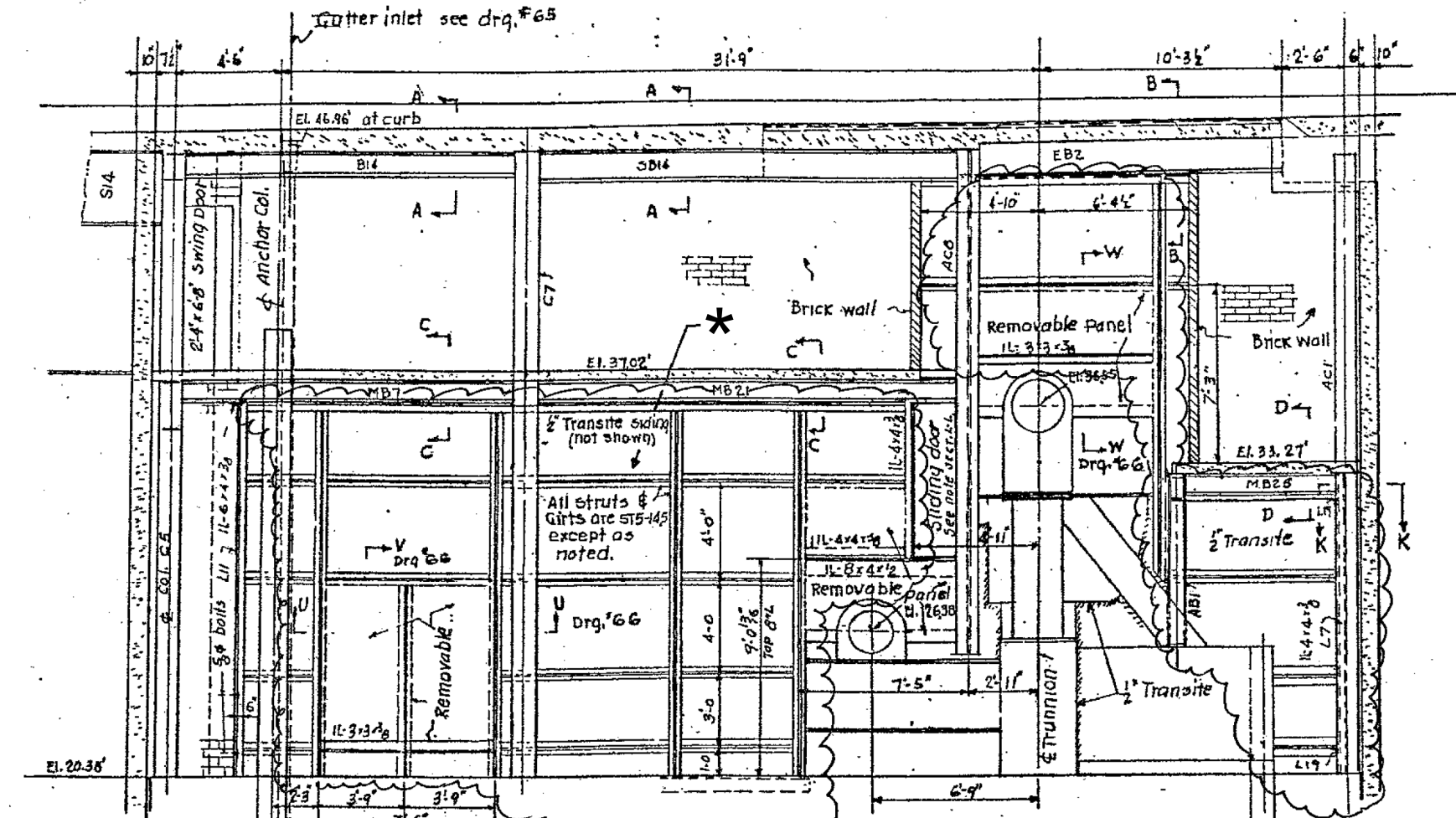
ILLINOIS DEPARTMENT OF
TRANSPORTATION
EXISTING BRIDGE PLAN

SN 016-0202
OHIO ST. FEEDER

RACK, TRUNION & BEARINGS

ROUTE FAP 383	SECTION 2010-051 BP	COUNTY COOK	TOTAL SHEETS 43	SHEET NUMBER 31
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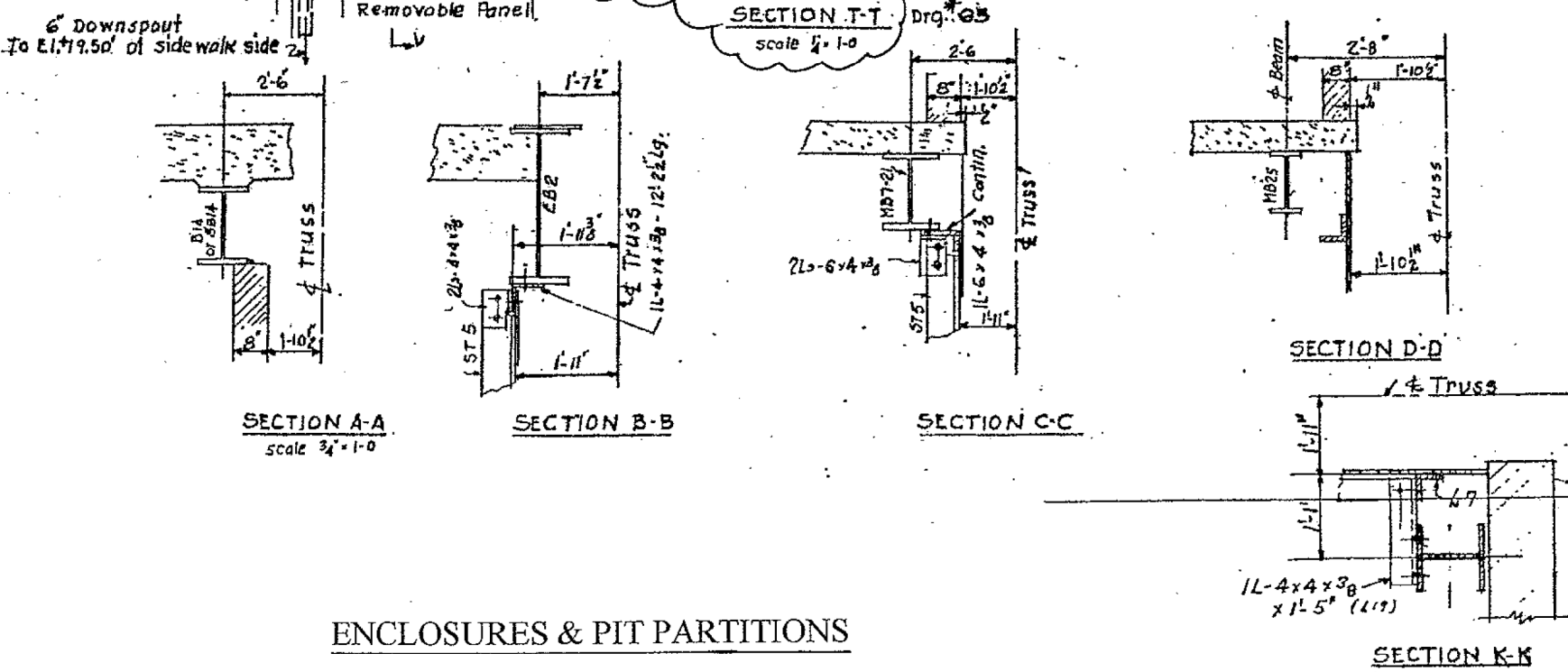
CONTRACT NO. 60L32



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.



ENCLOSURES & PIT PARTITIONS

SHEET 1 OF 2

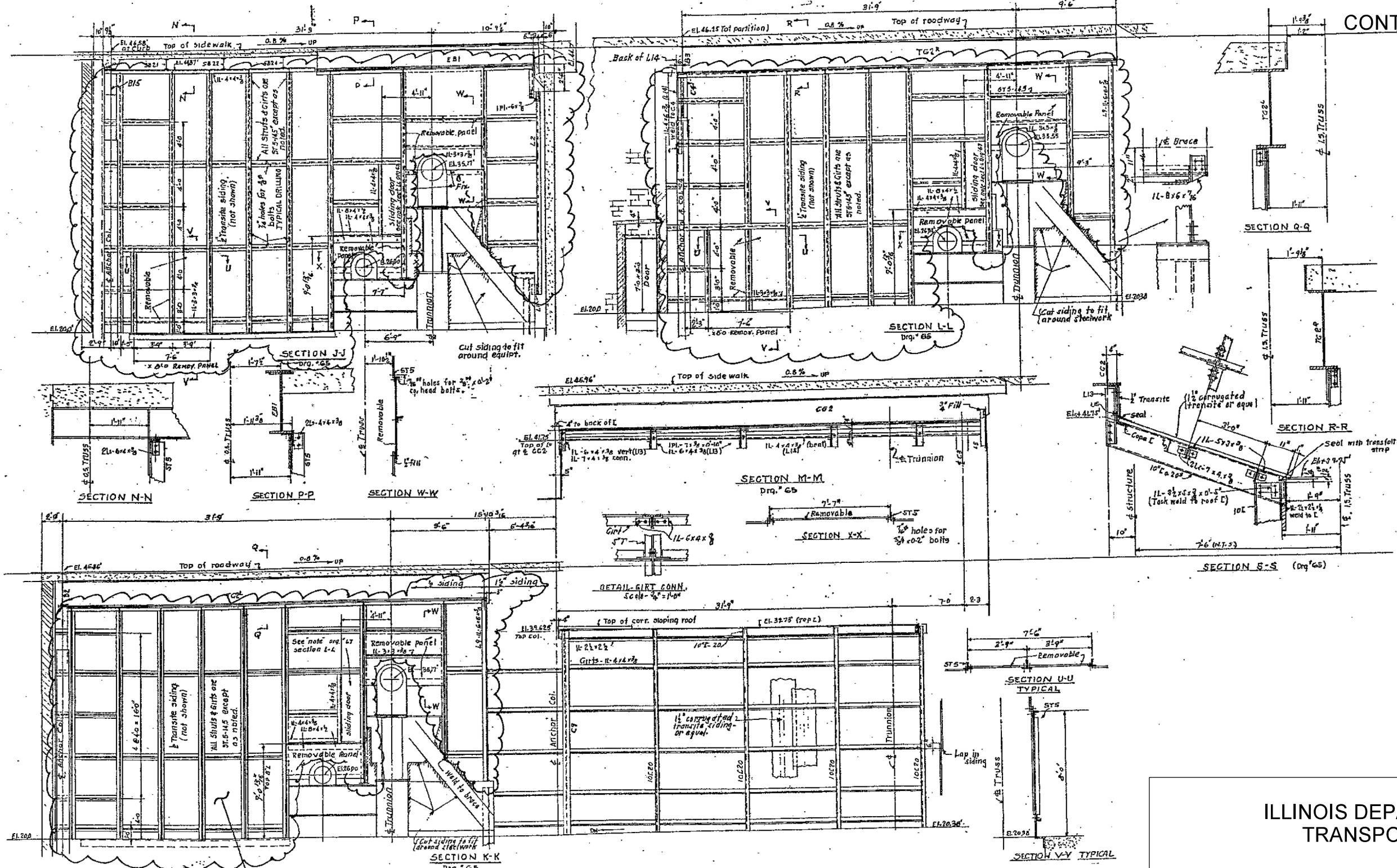
ILLINOIS DEPARTMENT OF
TRANSPORTATION

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



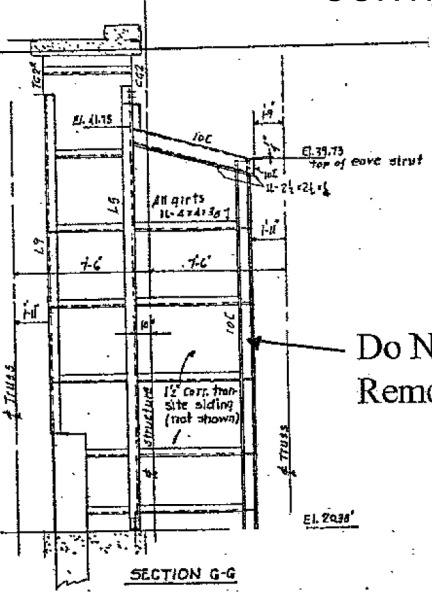
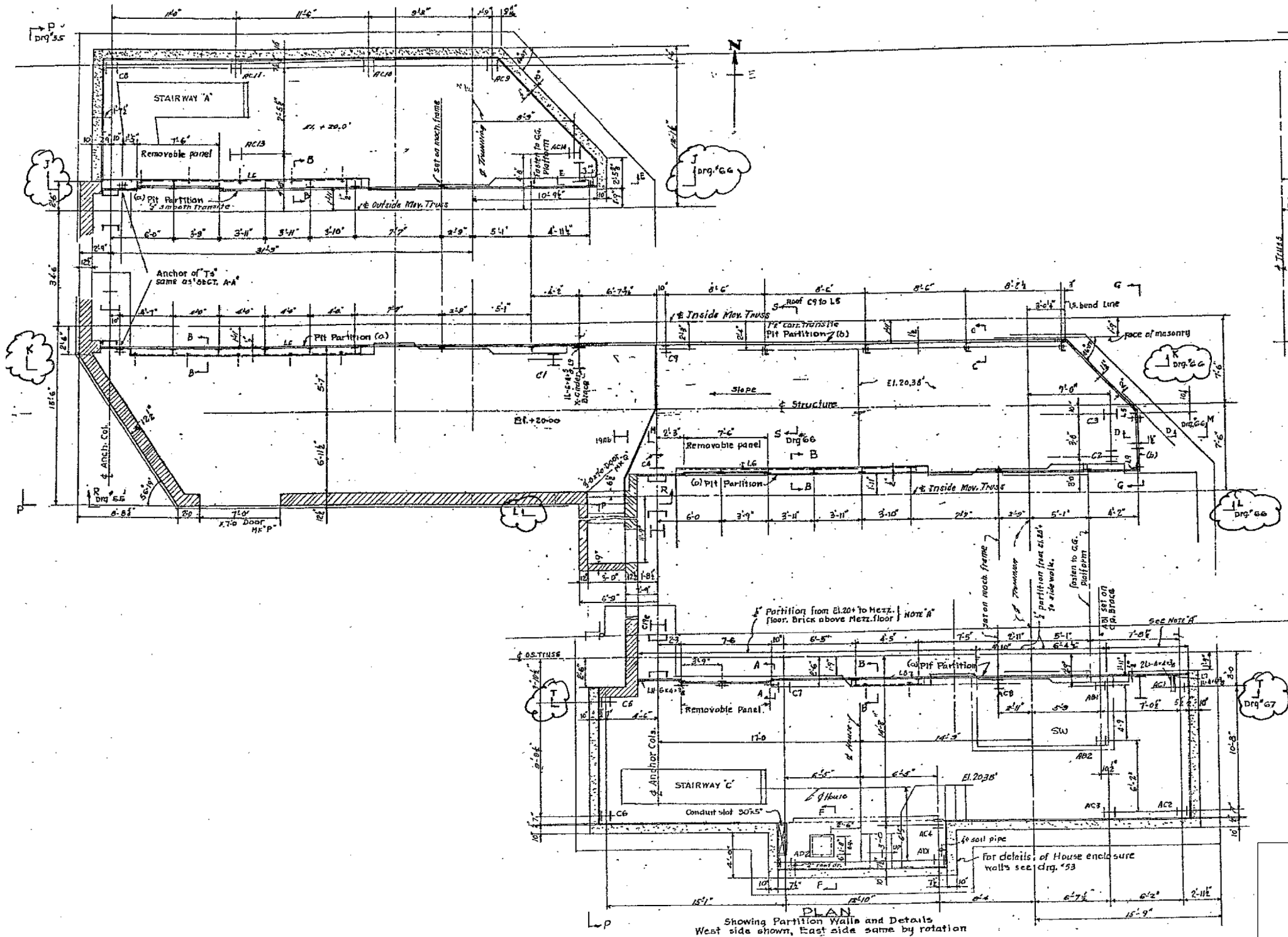
EXISTING 1/2" TRANSITE SIDING PANELS TO BE REMOVED BEFORE PAINTING. (SEE SHEETS 27 TO 30)
 EXISTING PANELS SHALL BE REPLACED WITH "CORRUGATED FIBERGLASS SIDING PANELS" AFTER PAINTING. (TYP.)
 TOTAL EST. QTY = 7,000 SF

SHEET 2 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 33
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CONTRACT NO. 60L32



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

ENCLOSURE WALL & PIT PARTITIONS

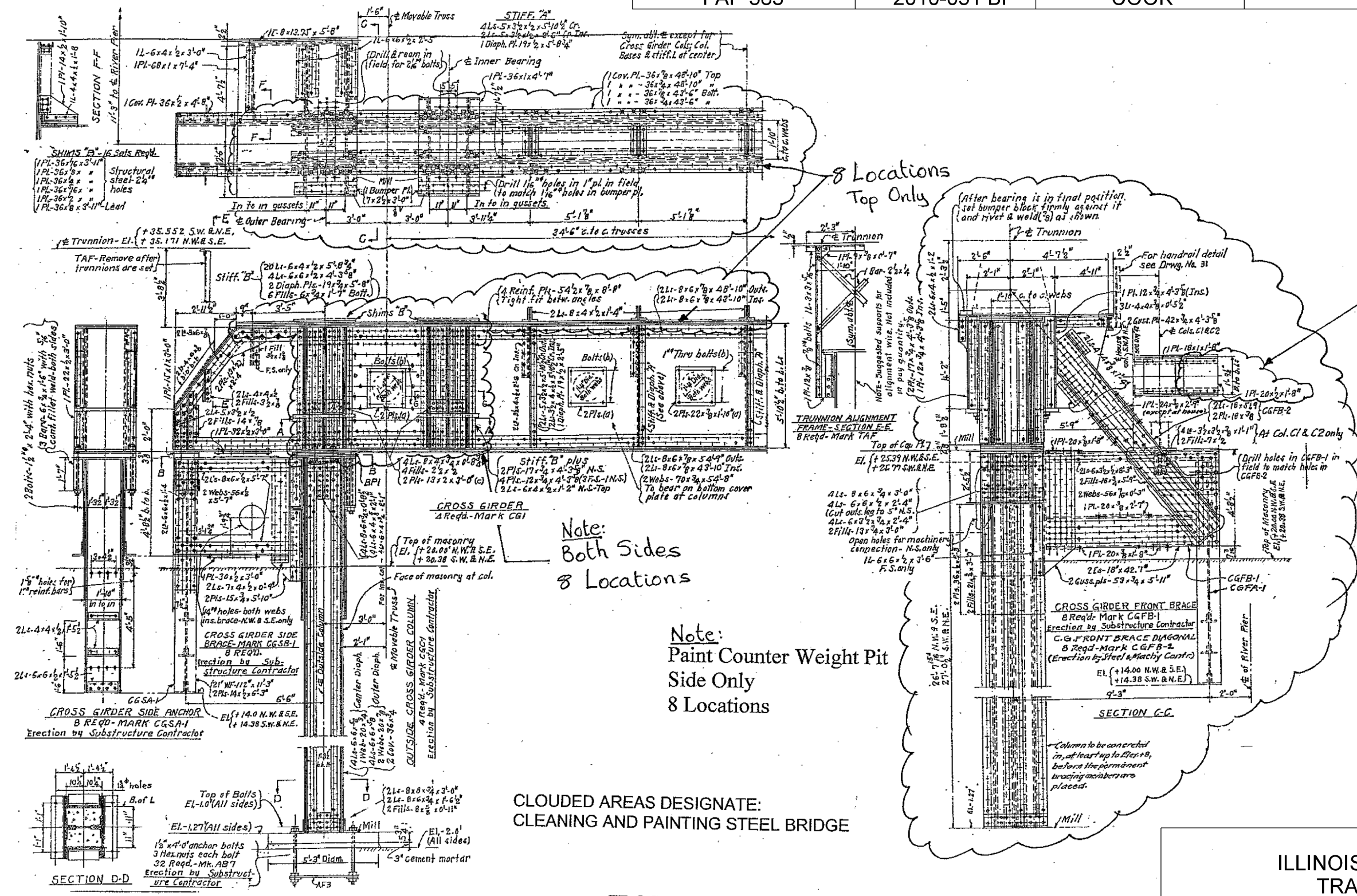
ILLINOIS DEPARTMENT OF
TRANSPORTATION

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



Note:
Both Sides
8 Locations

Note:
Paint Counter Weight Pit
Side Only
8 Locations

Note:
Paint Top Only
8 Locations

CLOUDED AREAS DESIGNATE:
CLEANING AND PAINTING STEEL BRIDGE

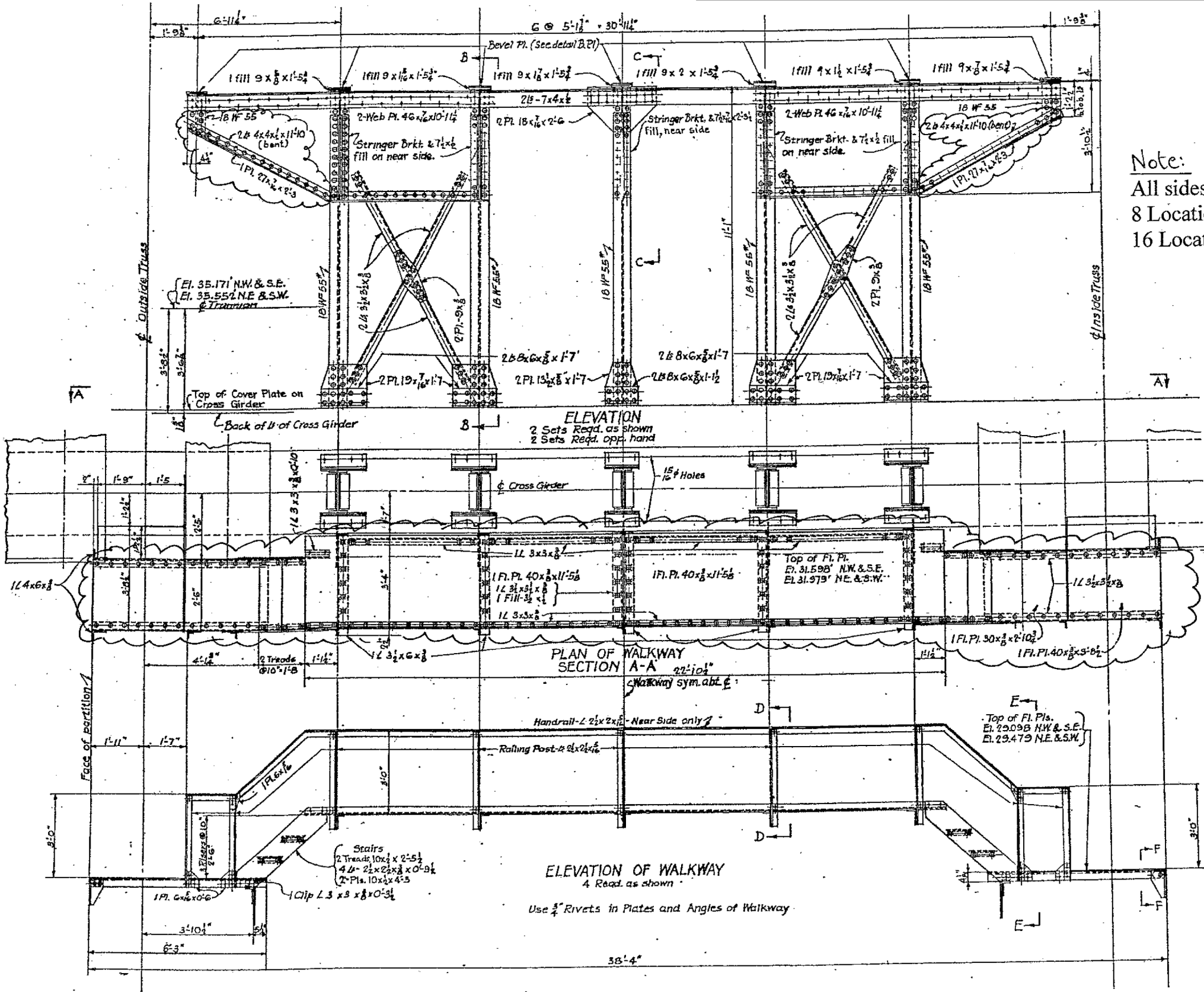
**CROSS GIRDER &
COLUMNS**

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 35
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CONTRACT NO. 60L32



Note:
All sides
8 Locations for Plates
16 Locations for Angles

Note:
Top of Walkway
4 Locations
(Power Wash First)

CLOUDED AREAS DESIGNATE:
CLEANING AND PAINTING STEEL BRIDGE

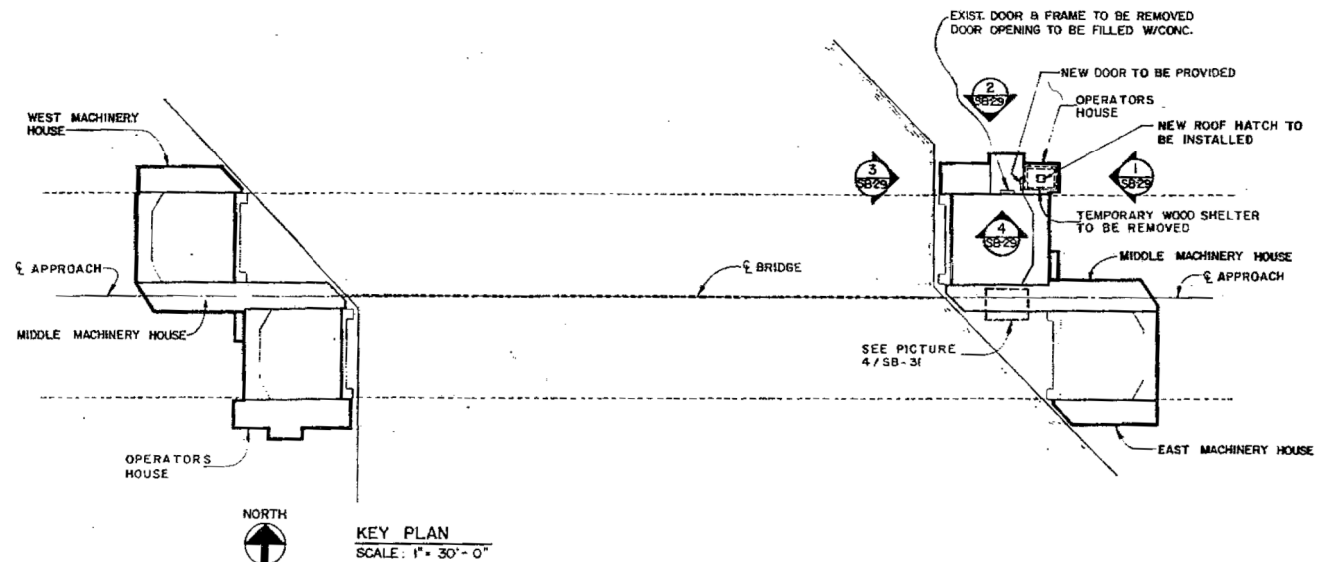
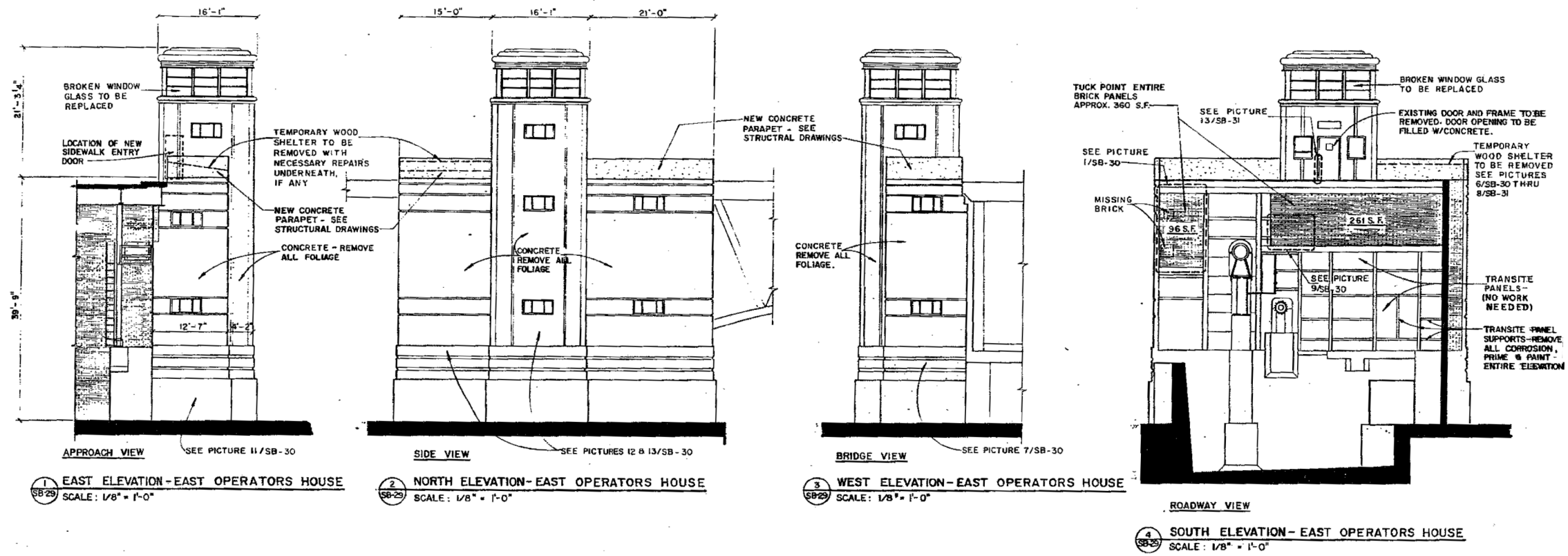
SUPPORTS & PLATFORMS ON CROSS GIRDERS

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

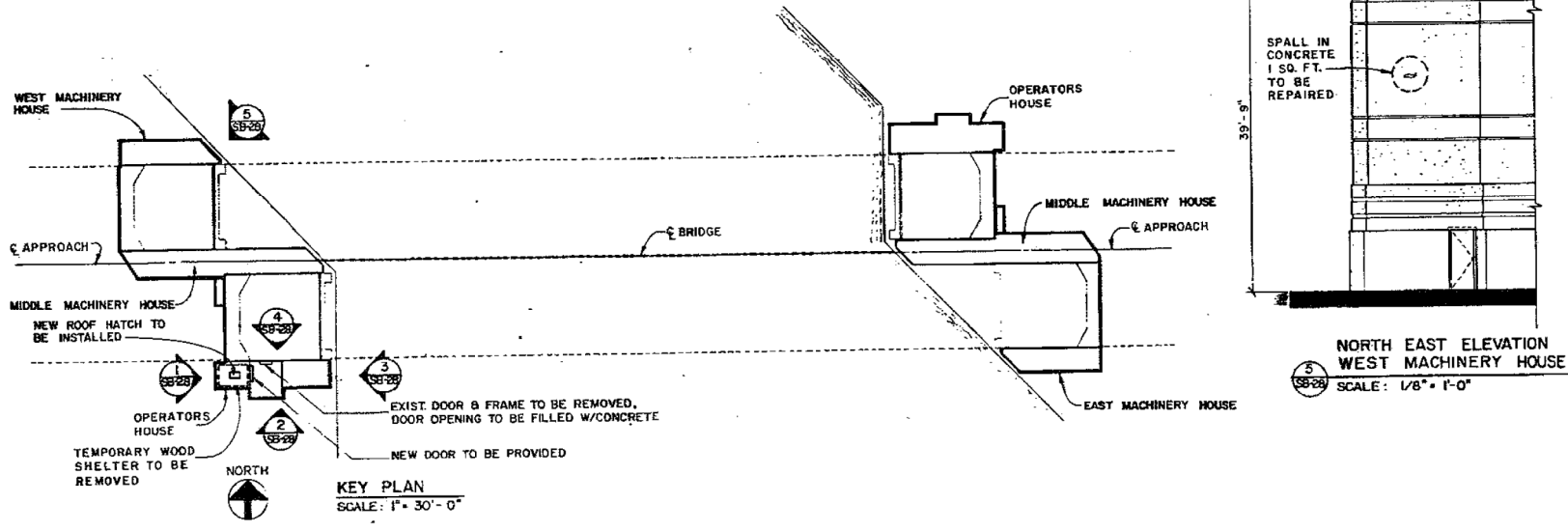
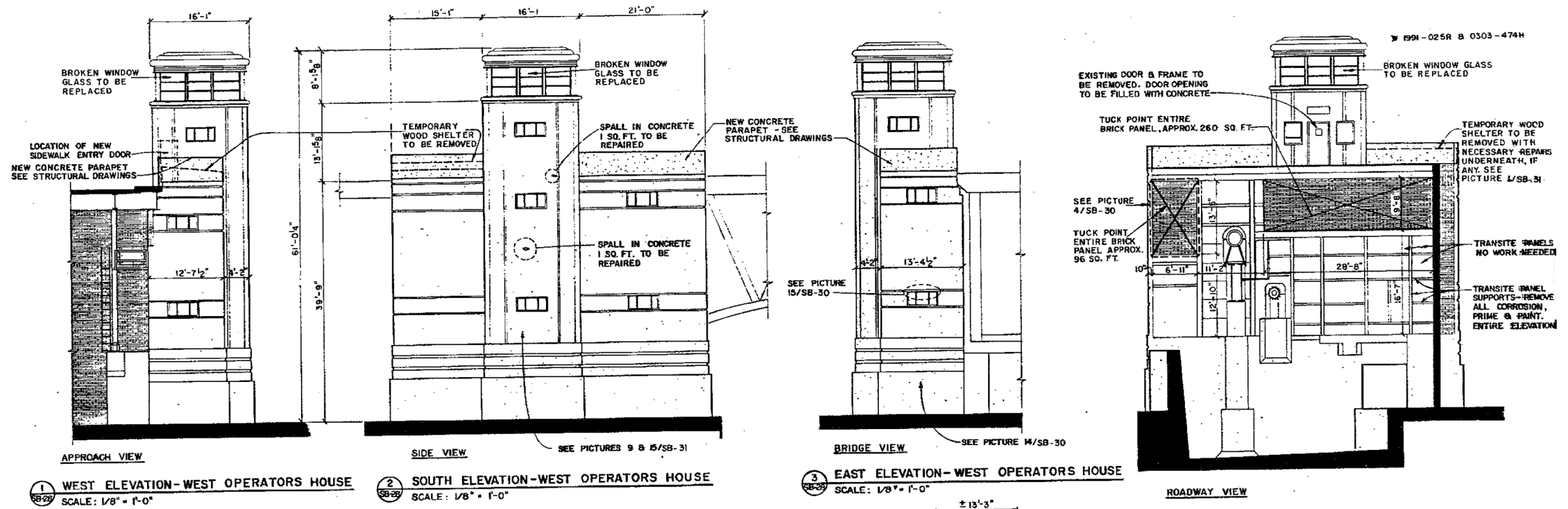
ILLINOIS DEPARTMENT OF
TRANSPORTATION

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



WEST OPERATOR'S HOUSE ELEVATION

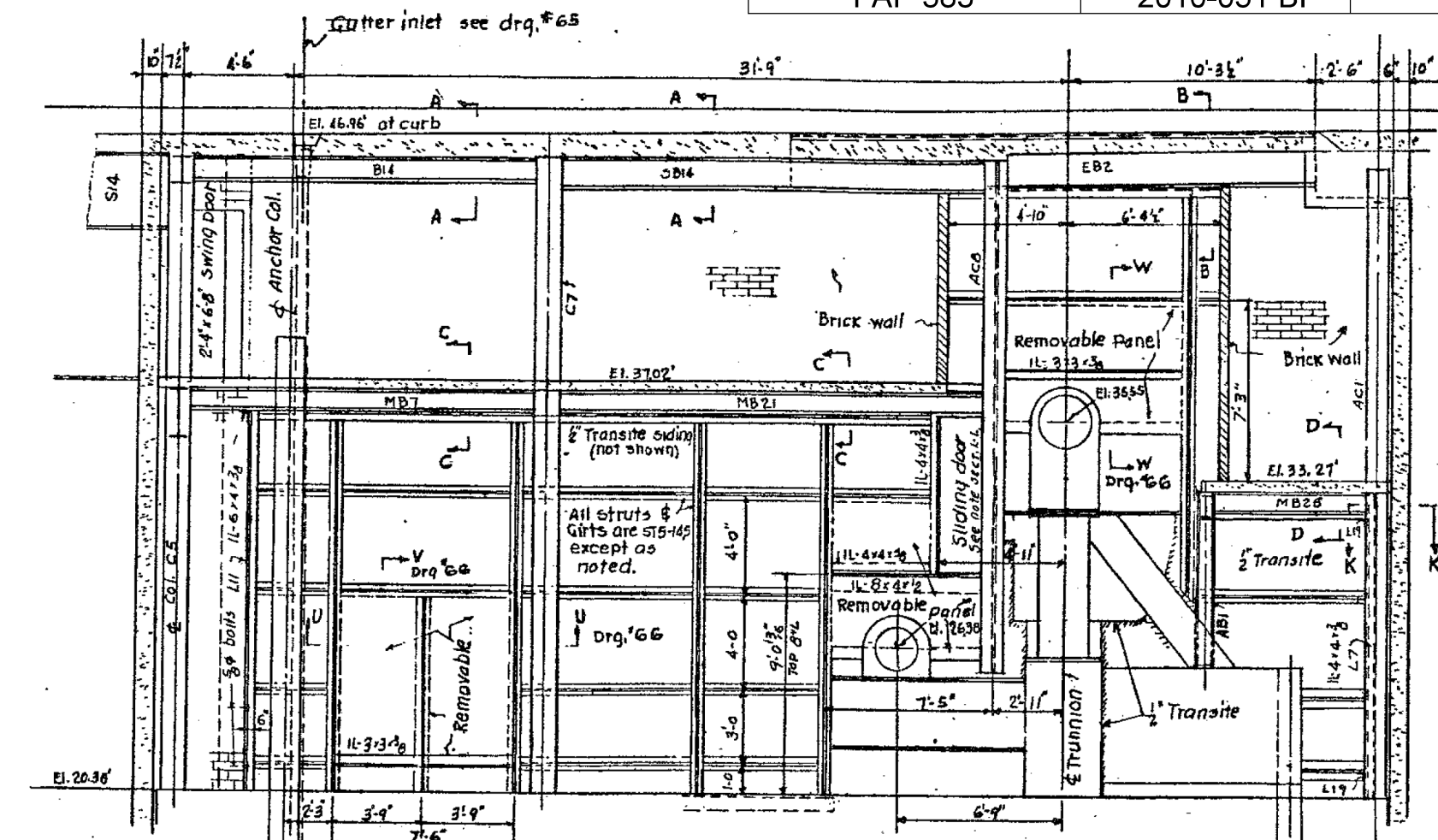
FOR INFORMATION ONLY

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

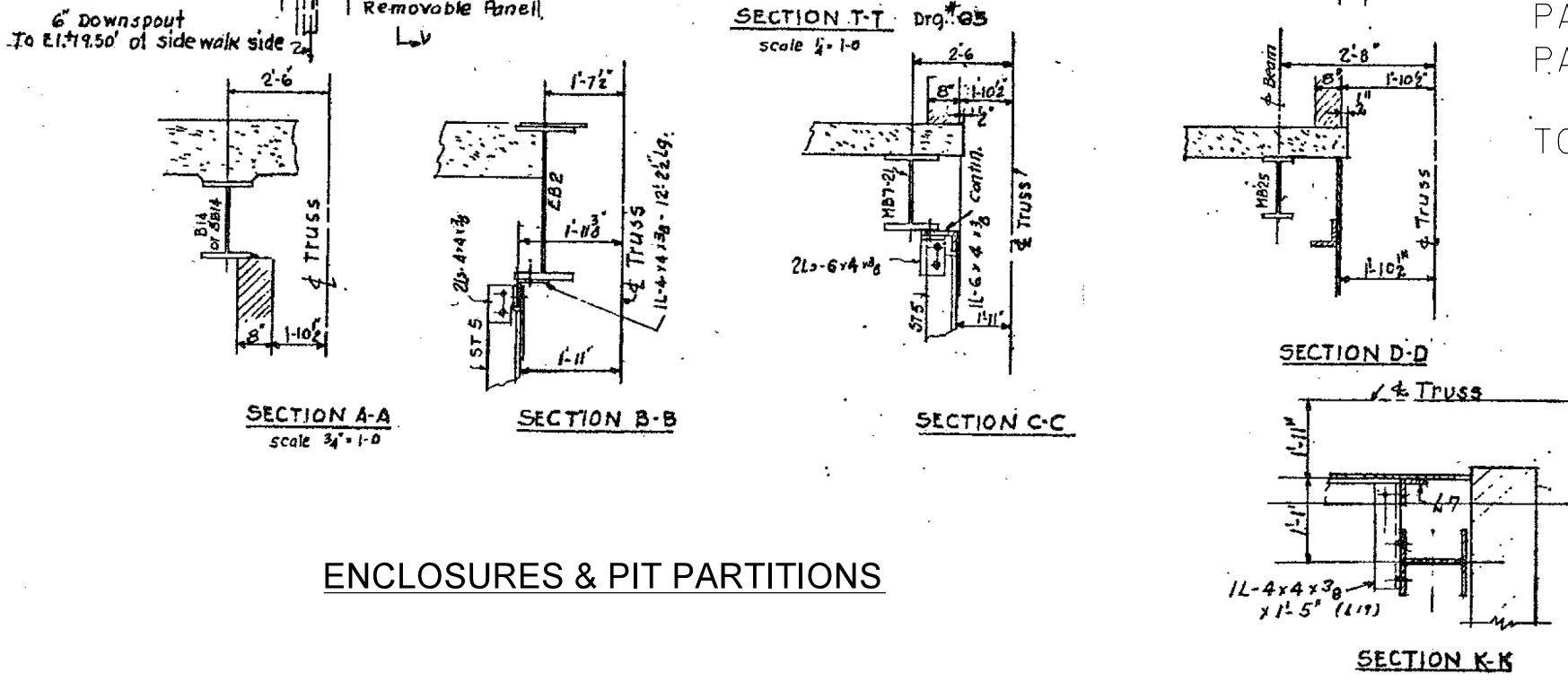


TOTAL BILL OF MATERIALS

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

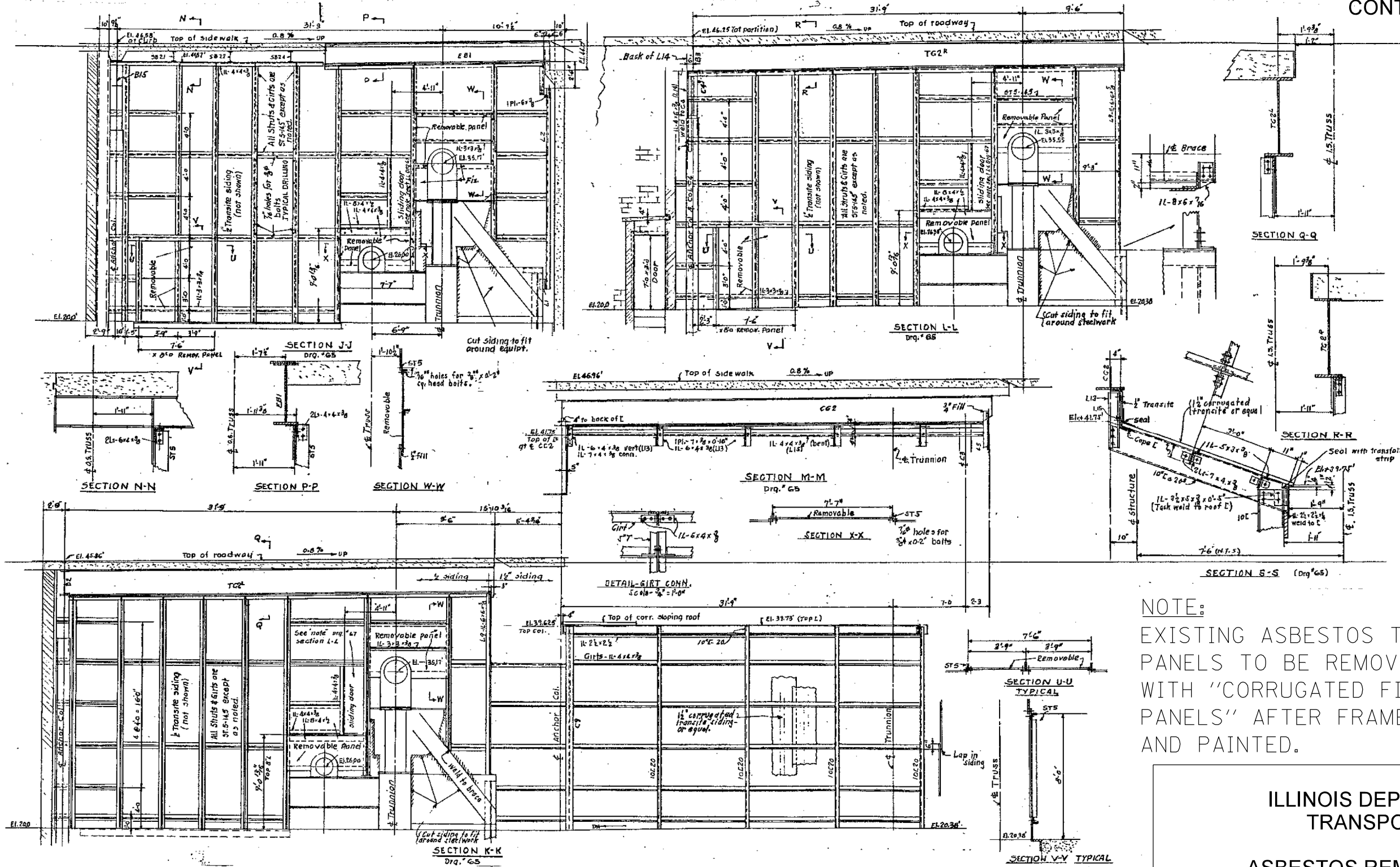
ILLINOIS DEPARTMENT OF
TRANSPORTATION

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



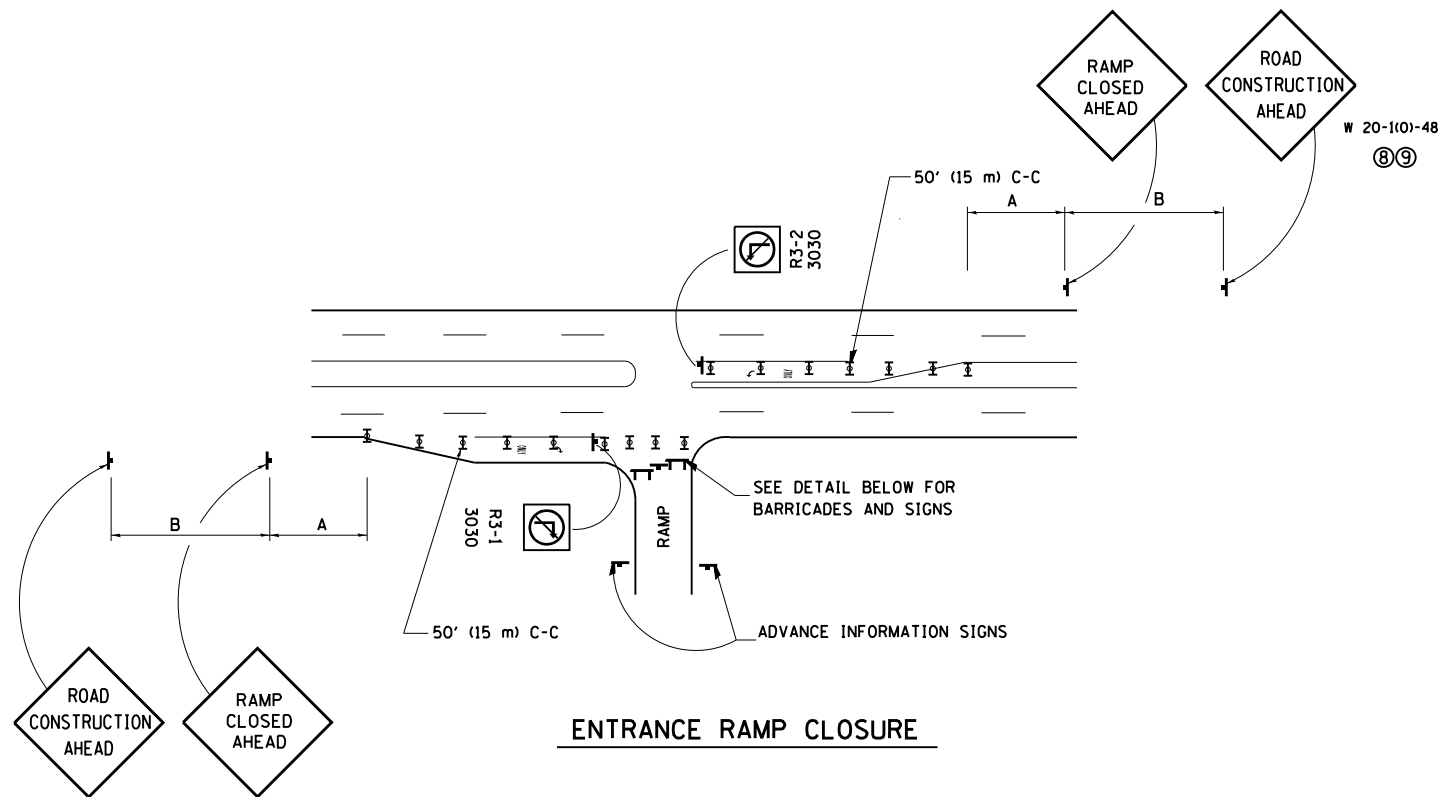
NOTE:
EXISTING ASBESTOS TRANSITE SIDING PANELS TO BE REMOVED AND REPLACED WITH "CORRUGATED FIBERGLASS SIDING PANELS" AFTER FRAMES ARE CLEANED AND PAINTED.

ENCLOSURES & PIT PARTITIONS

ILLINOIS DEPARTMENT OF
TRANSPORTATION

ASBESTOS REMOVAL DETAILS

SN 016-0202
OHIO ST. FEEDER



ENTRANCE RAMP CLOSURE

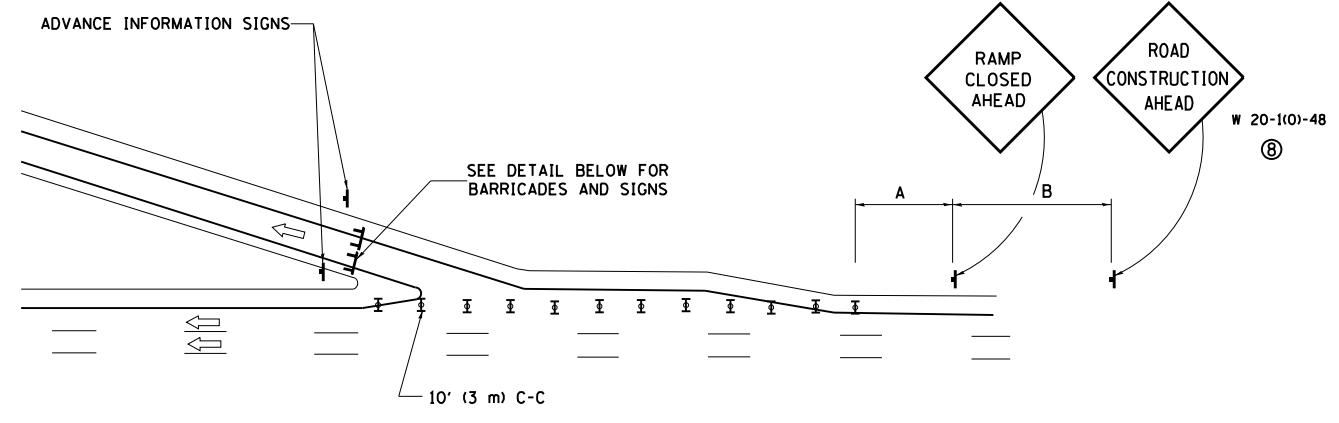
SIGN SPACING TABLE

FACILITY	DISTANCE BETWEEN SIGNS	
	A	B
EXPRESSWAY >24 HOURS	1000' (300 m)	1500' (450 m)
EXPRESSWAY <24 HOURS	500' (150 m)	500' (150 m)
ARTERIAL ≥45 MPH	350' (100 m)	350' (100 m)
ARTERIAL <45 MPH	150' (45 m)	150' (45 m)

DISTANCES MAY BE SHORTENED DEPENDING UPON THE PROXIMITY OF ADJACENT RAMPS OR INTERSECTIONS.

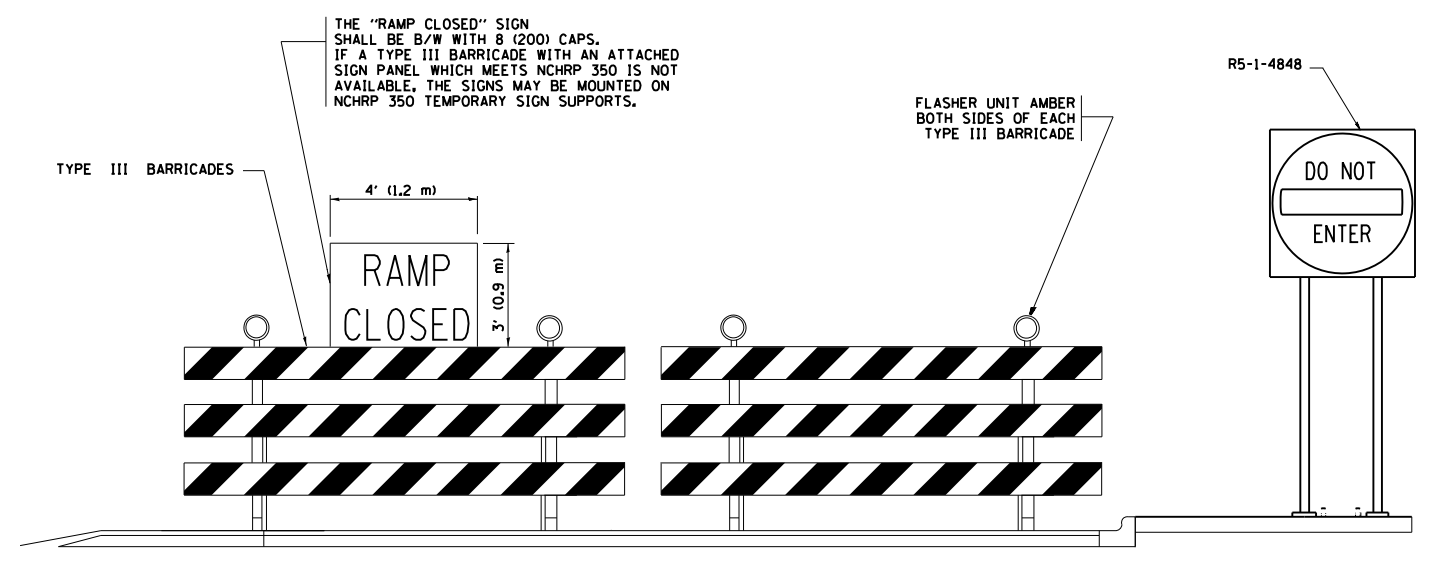
W 20-1(0)-48
⑧⑨

- SYMBOLS**
- ⌚ TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
 - ⌚ TYPE III BARRICADE WITH FLASHING LIGHT

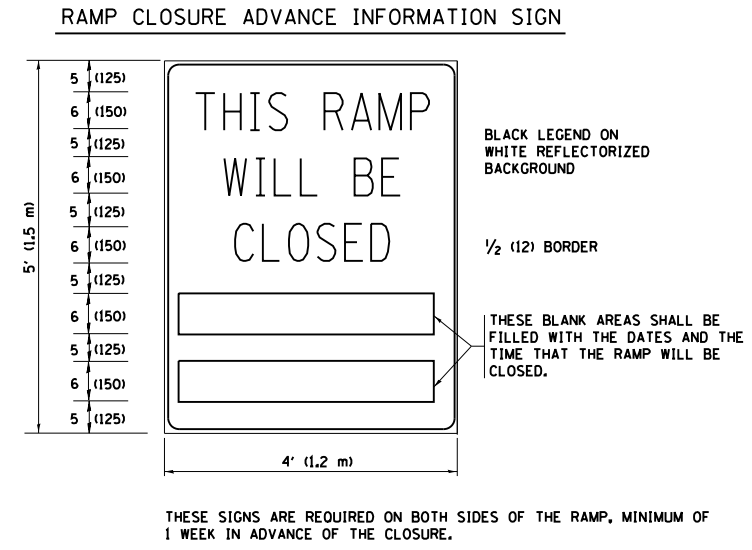
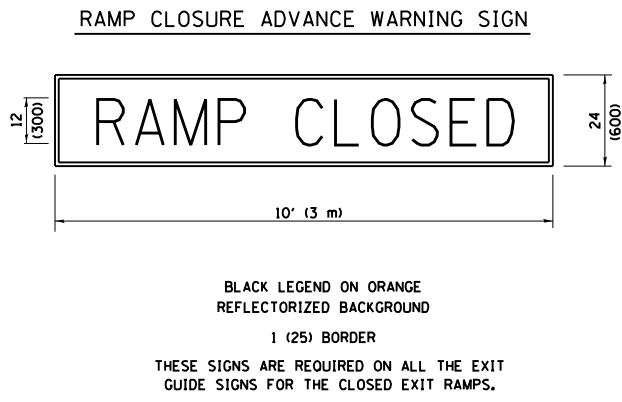


EXIT RAMP CLOSURE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



DETAIL FOR REQUIRED BARRICADES & SIGNS

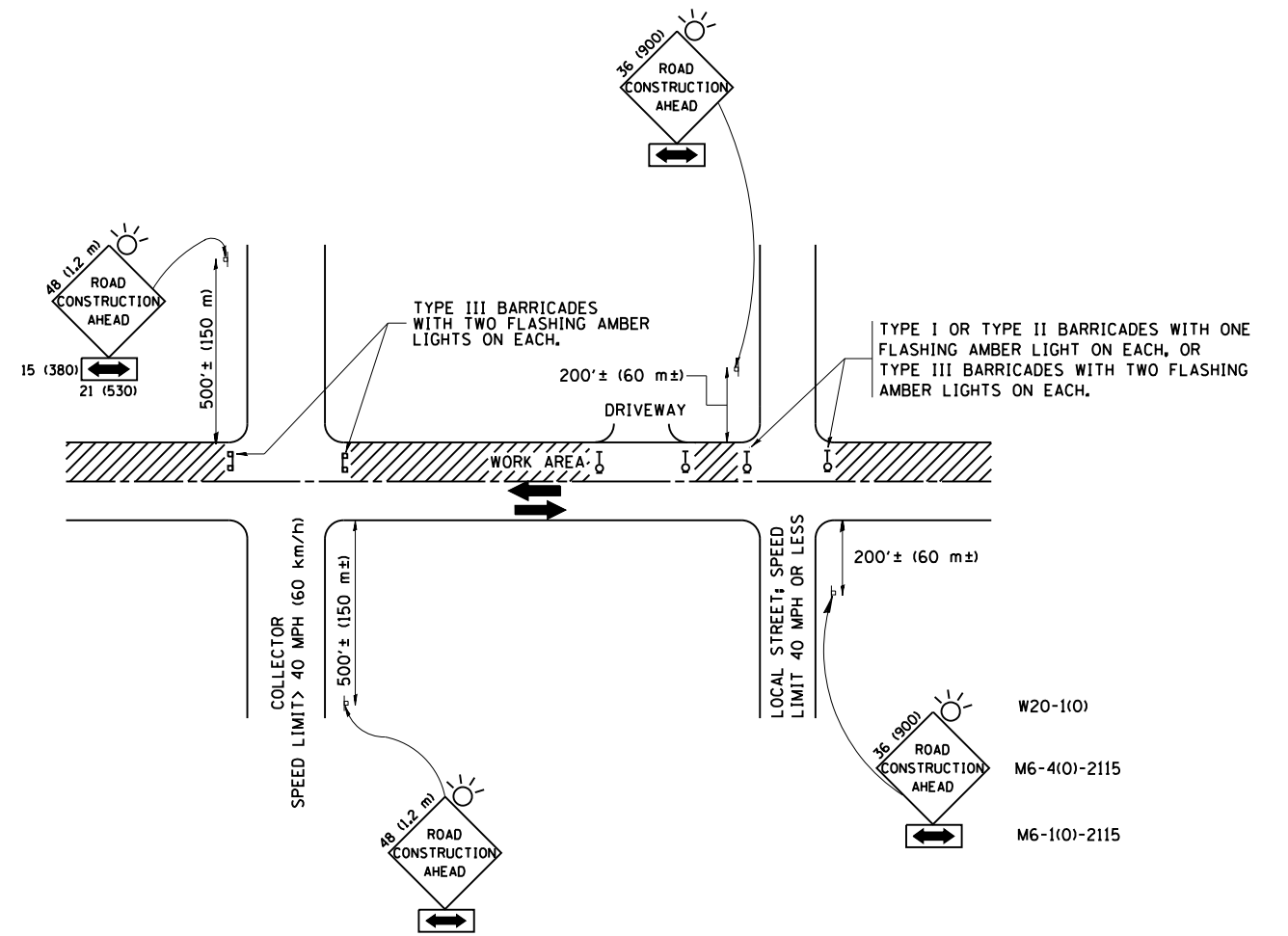


GENERAL NOTES:

- ① CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (700) HIGH.
- ② STEADY BURN LIGHTS WILL NOT BE REQUIRED FOR DAY OPERATIONS.
- ③ A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES.
- ④ ALL ROUTE MARKERS AND TRAILBLAZER ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED.
- ⑤ THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
- ⑥ AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL RAMP CLOSURES.
- ⑦ THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED IF THE CLOSURE TIME EXCEEDS TWENTY-FOUR (24) HOURS. ADDITIONAL ADVANCE WARNING SIGNS ON EXIT GUIDE SIGNING WILL BE REQUIRED FOR EXIT RAMP CLOSURES THAT EXCEED TWENTY-FOUR (24) HOURS IN LENGTH.
- ⑧ ROAD CONSTRUCTION AHEAD SIGNS MAY BE OMITTED WHEN THIS DETAIL IS USED IN CONJUNCTION WITH OTHER TRAFFIC CONTROL THAT ALREADY INCLUDES A ROAD CONSTRUCTION AHEAD SIGN.
- ⑨ ARTERIAL ROAD CONSTRUCTION AHEAD SIGNS MAY BE OMITTED ON CLOSURES LESS THAN 24 HOURS IN DURATION.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = midyja	DESIGNED - DWS	REVISED - DWS/JAF 12-02	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FREEWAY ENTRANCE AND EXIT RAMP CLOSURE DETAILS			F.A.P. RTE. 383	SECTION 2010-051 BP	COUNTY COOK	TOTAL SHEETS 43	SHEET NO. 40
es:\pwork\pwork\midyja\20110510\DistStd.dgn	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED - SPB 01-07					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	TC-08	
PLOT DATE = 9/10/2012	DATE - 02-83	REVISED - SPB 12-09			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							



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.

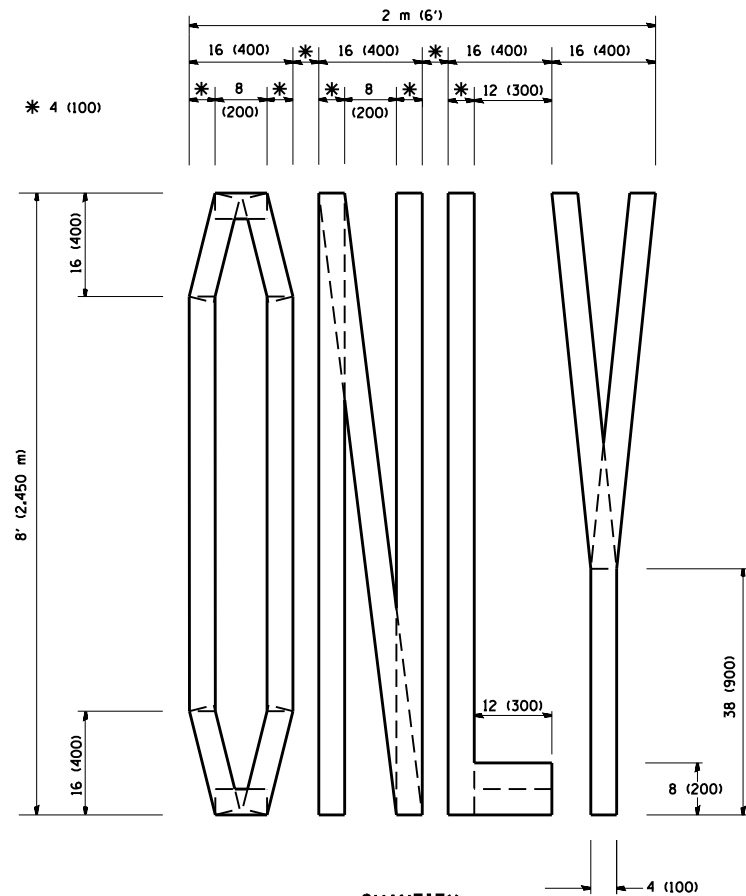
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et:\pwork\midyja\0211590\DistStd.dgn		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 9/10/2012	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

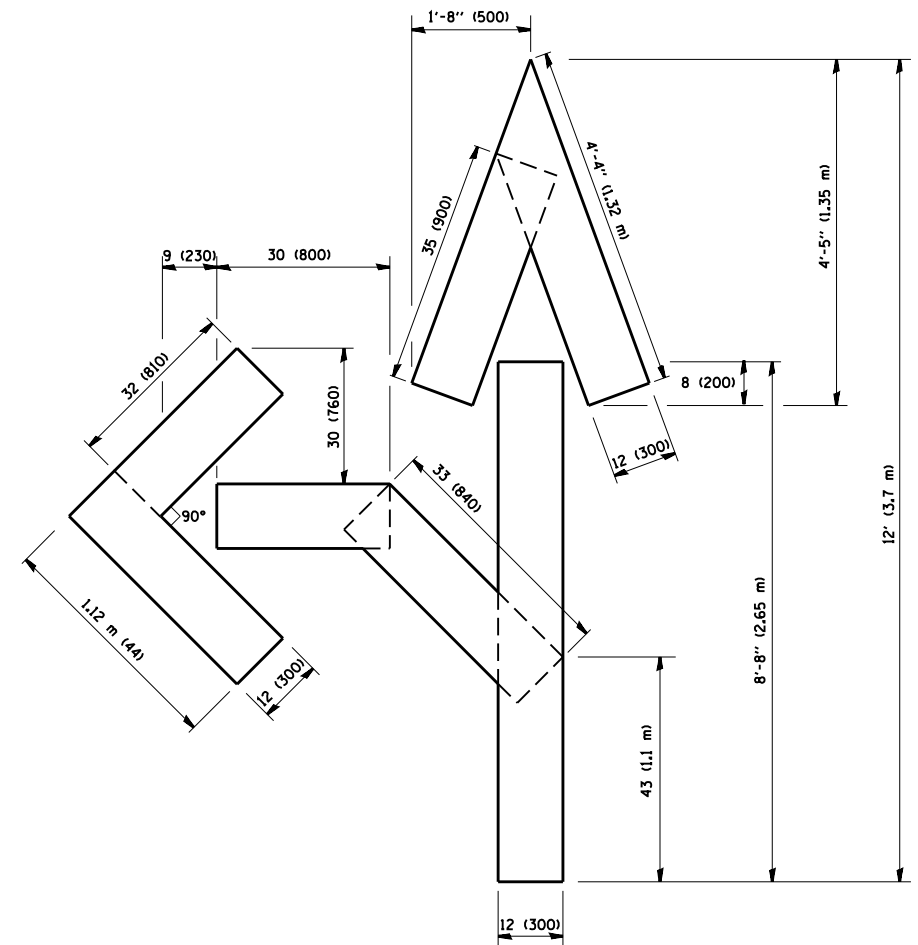
**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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

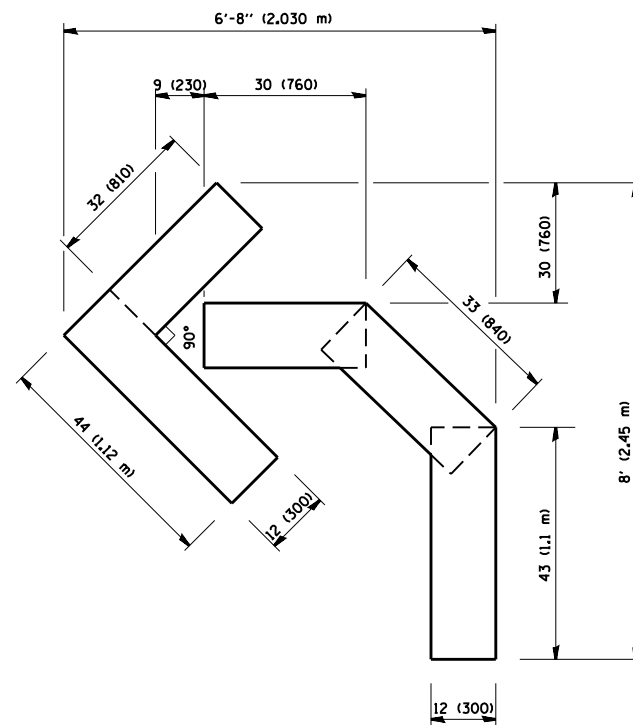
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
383	2010-051 BP	COOK	43	41
TC-10			CONTRACT NO. 60L32	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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.

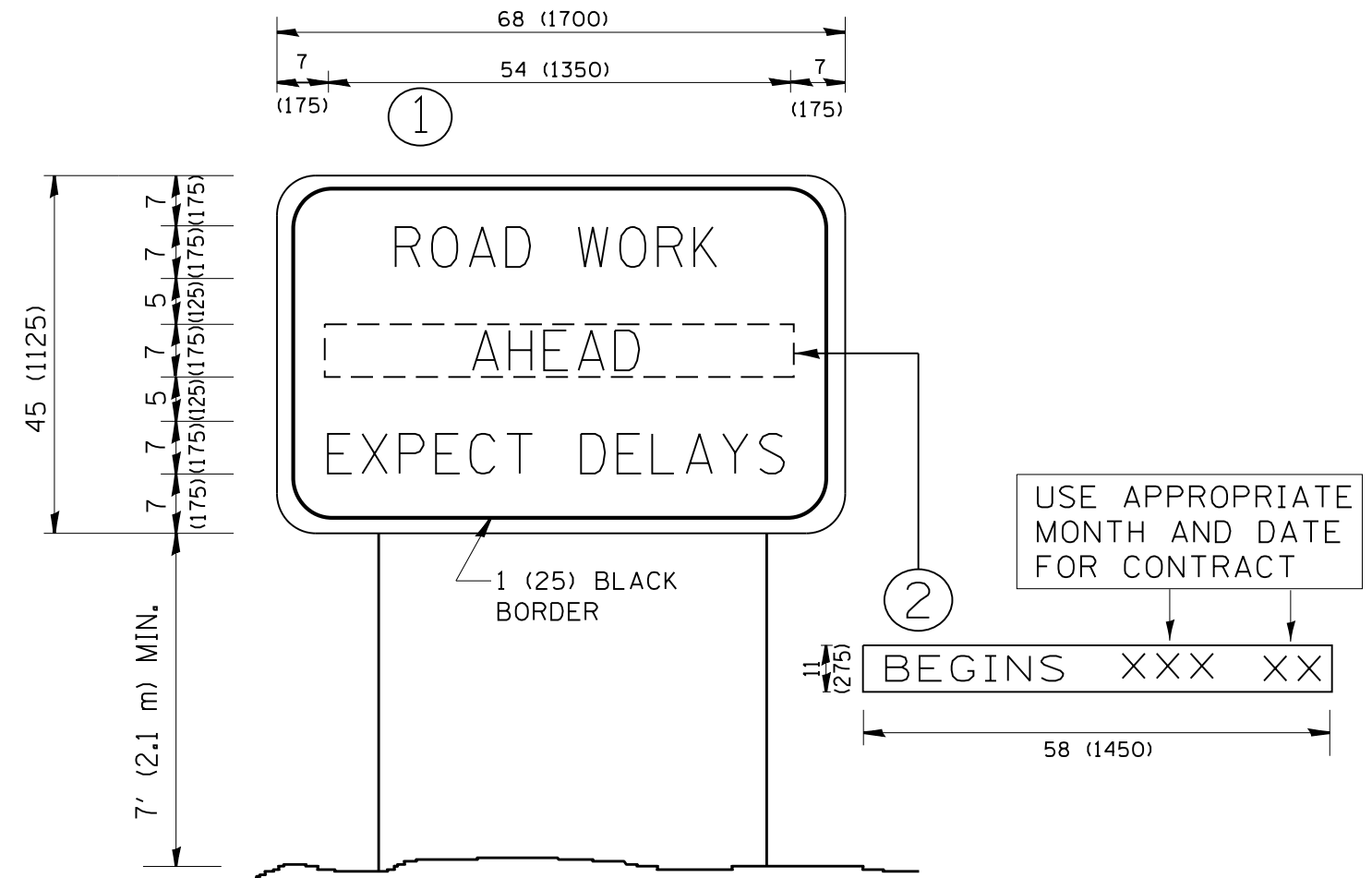
FILE NAME =	USER NAME = midyja	DESIGNED -	REVISED -T, RAMMACHER 06-05-96
et:\pw\work\p1dot\midyja\0211590\DistStd.dgn		DRAWN -	REVISED -T, RAMMACHER 11-04-97
	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -T, RAMMACHER 03-02-98
	PLOT DATE = 9/10/2012	DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00

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



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = midyja	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\midot\midyja\0211590\DistStd.dgn		DRAWN -	REVISED - R. MIRS 12-11-97		383	2010-05I BP	COOK	43	43			
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99		TC-22			CONTRACT NO. 60L32				
	PLOT DATE = 9/10/2012	DATE -	REVISED - C. JUCIUS 01-31-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			