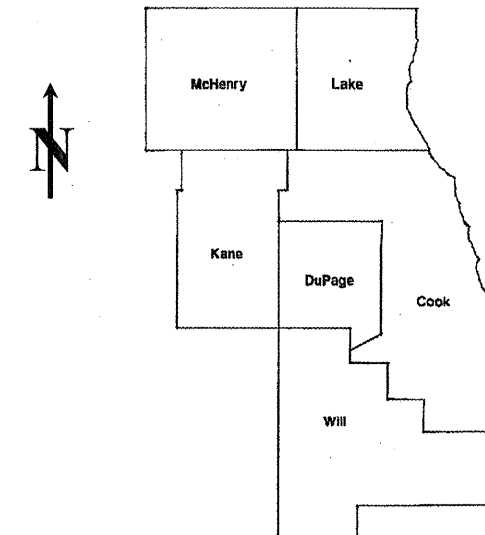


ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2001-048-BP	COOK & LAKE	20	1

FOR INDEX OF SHEETS SEE SHEET 2

**CONTRACT NO. 60P58  
D-91-583-11**

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



LOCATION OF IMPROVEMENT INDICATED THUS: 

IMPROVEMENTS ARE  
LOCATED IN THE VILLAGES  
OF LIBERTYVILLE, MORTON  
GROVE, & NORTHFIELD;  
AND THE CITY OF  
PROSPECT HEIGHTS

VARIOUS ROUTES  
VARIOUS LOCATIONS  
SECTION: 2011-048-BP  
BRIDGE PAINTING  
COOK & LAKE COUNTIES  
C-91-583-11

**SEE LOCATION MAPS  
SHEETS 6 THRU 7**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
SUBMITTED: August 31, 2011  
*Diana M. O'Keefe*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER  
October 14, 2011  
*Scott E. Stitt, P.E.*  
acting ENGINEER OF DESIGN AND ENVIRONMENT  
October 14, 2011  
*Christine M. Reed*  
DIRECTOR, DIVISION OF HIGHWAYS

PROJECT ENGINEER: ROBERT BORO (847) 705-4237  
PROJECT MANAGER: ISSAM RAYYAN (847) 705-4178

CONTRACT NO. 60P58

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

J.U.L.I.E.: JOINT UTILITY LOCATION  
INFORMATION FOR EXCAVATION  
(800) 892-0123 OR 811

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2001-048-BP	COOK & LAKE	20	2

CONTRACT NO. 60P58

**INDEX OF SHEETS**

- 1 TITLE SHEET
- 2 INDEX OF SHEETS, STATE STANDARDS
- 3 GENERAL NOTES
- 4 GENERAL PAINT NOTES
- 5 SUMMARY OF QUANTITIES
- 6-7 LOCATION MAPS
- 8-10 EXISTING BRIDGE PLANS (SN 016-0536, LOC 1)
- 11-13 EXISTING BRIDGE PLANS (SN 016-0928, LOC 2)
- 14-15 EXISTING BRIDGE PLANS (SN 016-0558, LOC 3)
- 16-17 EXISTING BRIDGE PLANS (SN 049-0068, LOC 4)
- 18 FREEWAY ENTRANCE AND EXIT RAMP CLOSURE DETAILS (TC-8)
- 19 TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE AND MULTI-LANE WEAVE (TC-9)
- 20 ARTERIAL ROAD INFORMATION SIGN (TC-22)

**STATE STANDARDS**

- 701101-02 OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
- 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TERM OPERATIONS
- 701400-05 FREEWAY / EXPRESSWAY, APPROACH TO LANE CLOSURE
- 701401-06 FREEWAY / EXPRESSWAY, LANE CLOSURE
- 701411-07 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS  $\geq$  45 MPH
- 701446-02 TWO LANE CLOSURE, FREEWAY / EXPRESSWAY
- 701606-07 URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 701801-04 LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
- 701901-01 TRAFFIC CONTROL DEVICES

ILLINOIS DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS  
STATE STANDARDS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2001-048-BP	COOK & LAKE	20	3

CONTRACT NO. 60P58

**GENERAL NOTES**

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOURS NOTIFICATION IS REQUIRED.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, THE CITY OF PROSPECT HEIGHTS, AND THE VILLAGES OF LIBERTYVILLE, MORTON GROVE, & NORTHFIELD.

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.

AT LOCATION 4 (SN 049-0068), THE DES PLAINES RIVER TRAIL IS TO REMAIN OPEN AT ALL TIMES TO BIKE/PEDESTRIAN TRAFFIC. THE CONTRACTOR SHALL BE REQUIRED TO PROTECT THE AREA AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

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.

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2001-048-BP	COOK & LAKE	20	4

CONTRACT NO. 60P58

### GENERAL NOTES FOR PAINT

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

AT LOCATION 1, CONTAINMENT OF CLEANING RESIDUE IS REQUIRED TO CONTROL NUISANCE DUST. SEE SPECIAL PROVISIONS.

A MINIMUM OF FOUR (4) AIR MONITORS WILL BE REQUIRED AT LOCATIONS 2, 3, & 4 TO MONITOR ABRASIVE BLASTING OPERATIONS. SEE SPECIAL PROVISION FOR "CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES."

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. FOR LOCATIONS 1, 2, & 3, THE COLOR OF THE FINAL FINISH COAT FOR ALL INTERIOR STEEL SURFACES AND HANDRAIL SHALL BE GRAY, MUNSELL NO 5B 7/1. THE COLOR OF THE FINAL FINISH COAT FOR THE EXTERIOR AND BOTTOM FLANGE OF THE FASCIA BEAMS SHALL BE REDDISH BROWN, MUNSELL NO 2.5YR 3/4. FOR LOCATION 4, THE COLOR OF THE FINISH COAT SUPPLIED SHALL MATCH THE FEDERAL COLOR STANDARD 595a 20045.

ALL ITEMS (SUCH AS, BUT NOT LIMITED TO: CONDUITS, BRACKETS AND DECK DRAINS) ATTACHED TO THE OUTSIDE OF THE FASCIA BEAMS SHOULD BE CLEANED AND PAINTED.

**LOC'S 1 (SN 016-0536) & 2 (SN 016-0928)**

ALL EXISTING STEEL SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING SSPC-SP10.

**LOC 3 (SN 016-0558)**

ALL EXISTING HANDRAIL SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING SSPC-SP10.

**LOC 4 (SN 049-0068)**

ALL BEAMS, BEARINGS AND OTHER STRUCTURAL STEEL WITHIN EIGHT (8) FT., (MEASURED ALONG THE BEAM) OF EITHER SIDE OF ALL DECK JOINTS, SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING SSPC-SP10.

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL PAINT NOTES

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2001-048-BP	COOK & LAKE	20	5

CONTRACT NO. 60P58

**SUMMARY OF QUANTITIES**

CODE NO	DESCRIPTION	UNITS	URBAN 100% STATE TOTAL	CONSTRUCTION TYPE CODE: 0014									
				LOC 1	LOC 2	LOC 3	LOC 4						
				SN 016-0536 COOK CO.	SN 016-0928 COOK CO.	SN 016-0558 COOK CO.	SN 049-0068 LAKE CO.						
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5	2	1	1	1						
67100100	MOBILIZATION	L SUM	1	0.25	0.25	0.25	0.25						
70102625	TRAFFIC CONTROL AND PROTECTION, STD 701606	L SUM	1		0.33	0.33	0.34						
70102640	TRAFFIC CONTROL AND PROTECTION, STD 701801	L SUM	1		0.33	0.33	0.34						
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1									
Z0007112	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES	L SUM	1	0.25	0.25	0.25	0.25						
<del>Z0007114</del>	<del>CONTAINMENT AND DISPOSAL OF NON-LEAD PAINT CLEANING RESIDUES</del>	<del>L SUM</del>	<del>1</del>	<del>1</del>									
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							
Z0010504	CLEANING AND PAINTING STEEL BRIDGE NO. 4	L SUM	1				1						
Z0026346	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1									
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	154.2		51.4	51.4	51.4						

Rev.

**ILLINOIS DEPARTMENT OF  
TRANSPORTATION**

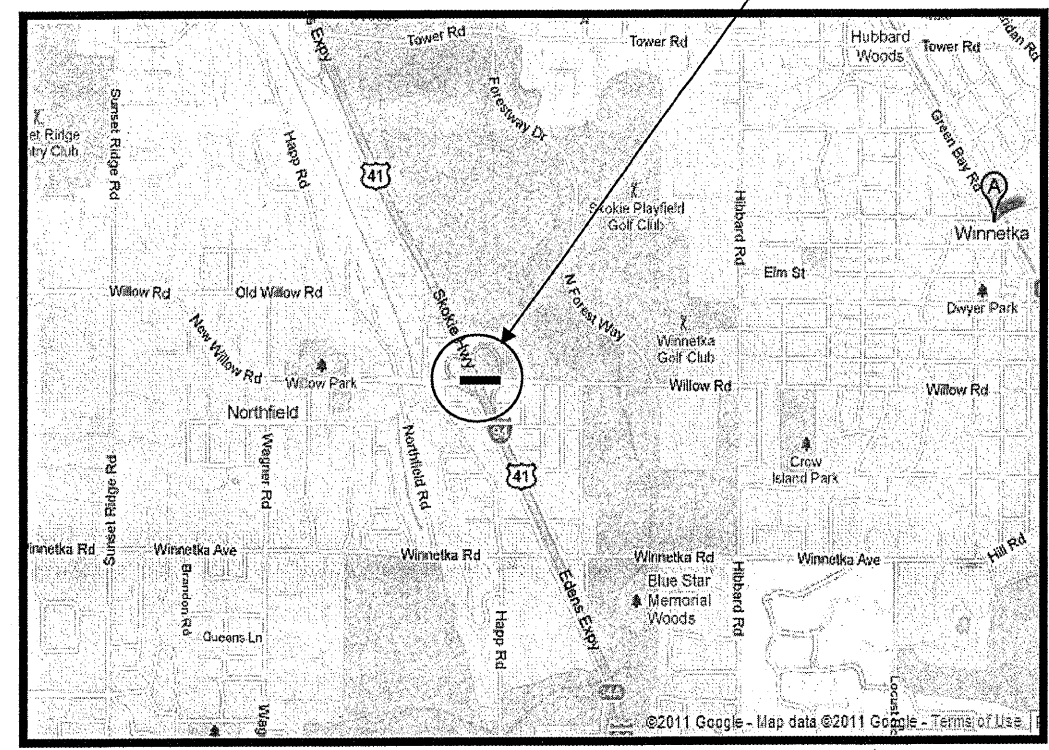
**SUMMARY OF QUANTITIES**

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2001-048-BP	COOK & LAKE	20	6

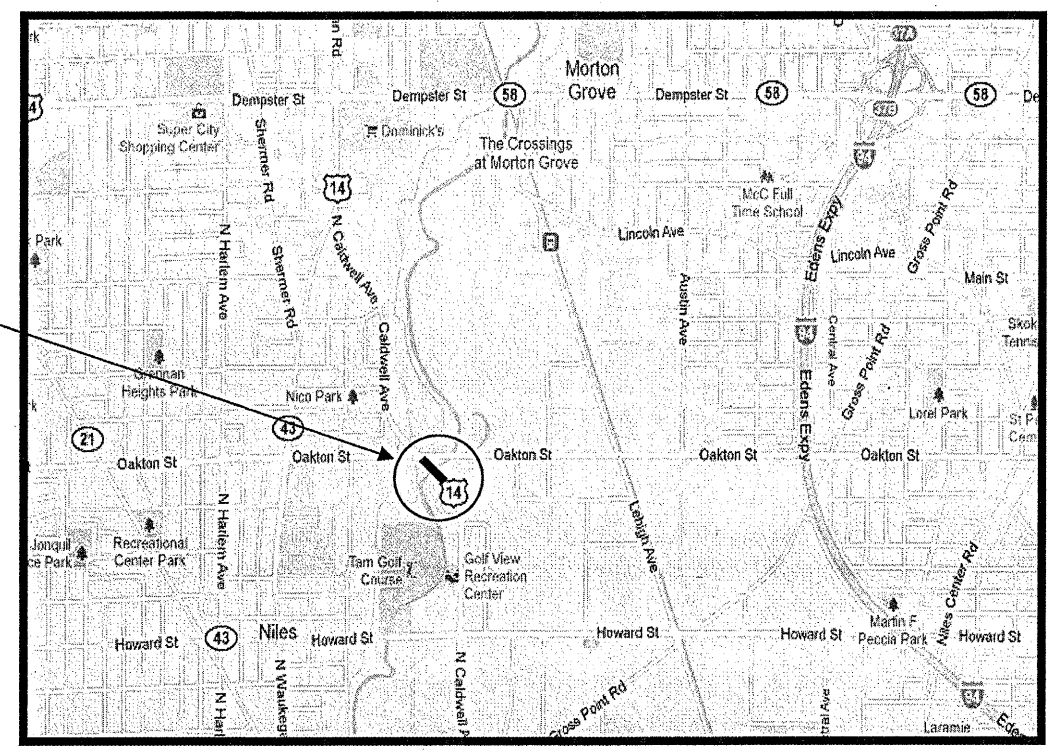
CONTRACT NO. 60P58

R 12 E | R 13 E

**LOCATION 1:**  
SN 016-0536  
**Willow Rd over I-94 (Edens Expy)**  
VILLAGE OF NORTHFIELD



**LOCATION 2:**  
SN 016-0928  
**US 14 (Caldwell Ave) over N. Branch of Chicago River**  
VILLAGE OF MORTON GROVE



R 13 E

T 42 N

T 41 N

**NEW TRIER TOWNSHIP  
COOK COUNTY**

**NILES TOWNSHIP  
COOK COUNTY**

**TRAFFIC DATA:**

WILLOW RD:

2010 ADT = 25,600  
POSTED SPEED LIMIT = 35 MPH

I-94 (EDENS EXPY):

2009 ADT = 165,300  
POSTED SPEED LIMIT = 55 MPH

US 14 (CALDWELL AVE):

2009 ADT = 18,900  
POSTED SPEED LIMIT = 40 MPH

**ILLINOIS DEPARTMENT OF  
TRANSPORTATION**

**LOCATION MAP**

**LOCATION 1: SN 016-0536**  
**LOCATION 2: SN 016-0928**

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2001-048-BP	COOK & LAKE	20	7

CONTRACT NO. 60P58

**LOCATION 3:**  
SN 016-0558  
**IL 83 (Elmhurst Rd) over McDonald Creek**  
CITY OF PROSPECT HEIGHTS

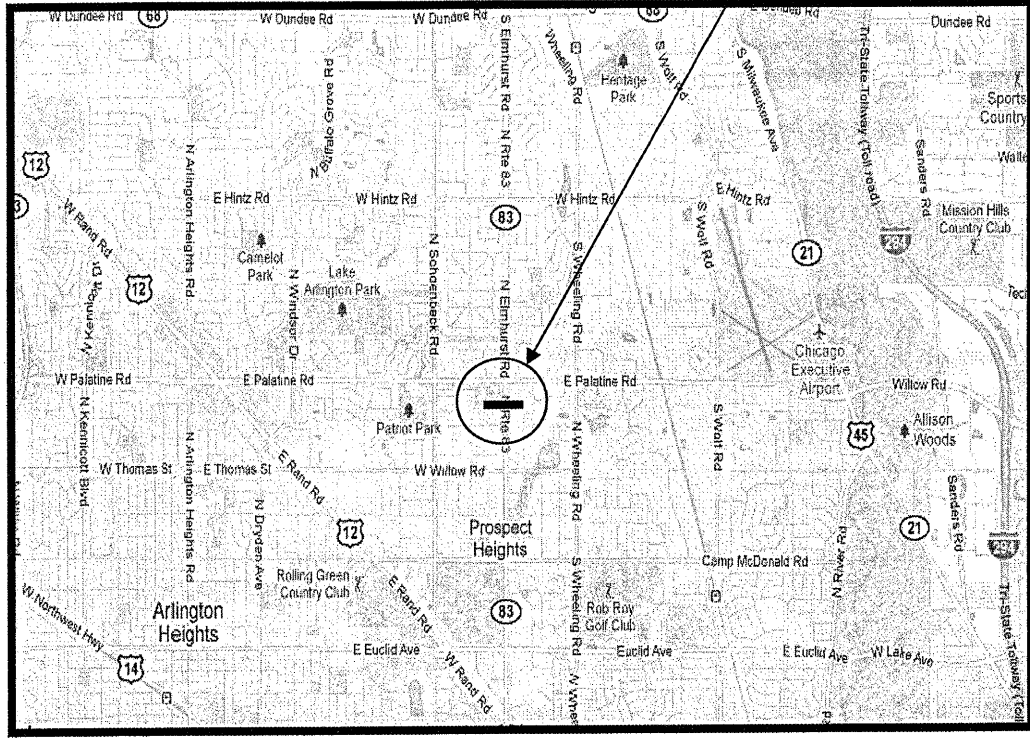
R 11 E

R 11 E



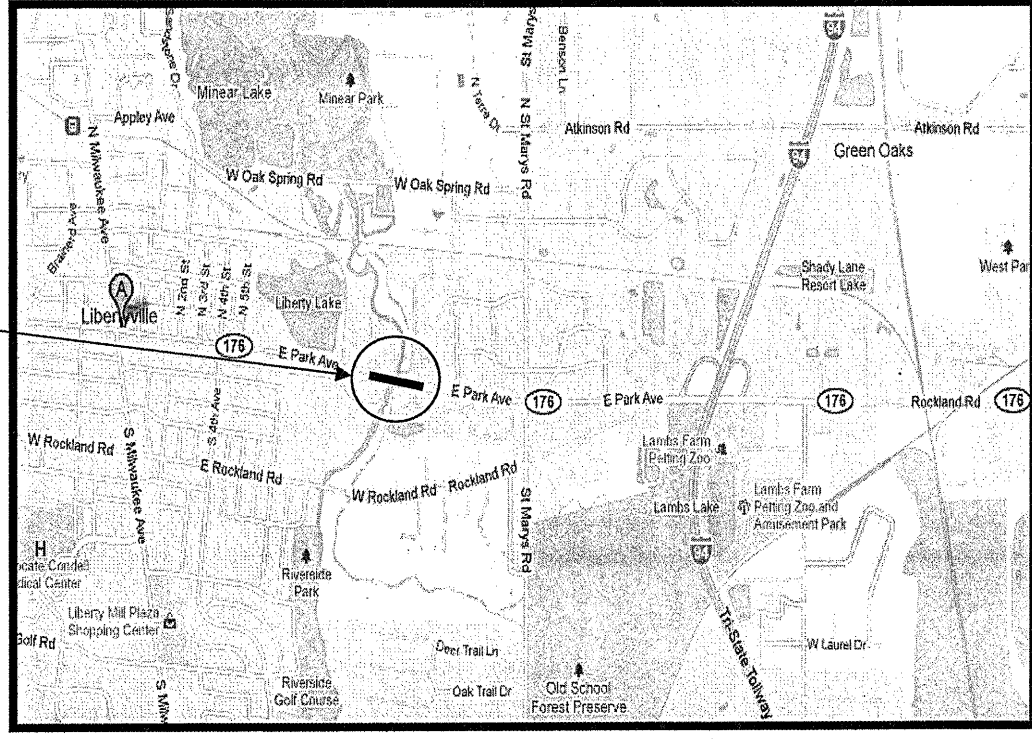
**LOCATION 4:**  
SN 049-0068  
**IL 176 (E. Park Ave) over Des Plaines River**  
VILLAGE OF LIBERTYVILLE

T 42 N



**WHEELING TOWNSHIP**  
**COOK COUNTY**

T 44 N



**LIBERTYVILLE TOWNSHIP**  
**LAKE COUNTY**

**TRAFFIC DATA:**

IL 83 (ELMHURST RD):

2009 ADT = 21,000  
POSTED SPEED LIMIT = 40 MPH

IL 176 (E PARK AVE):

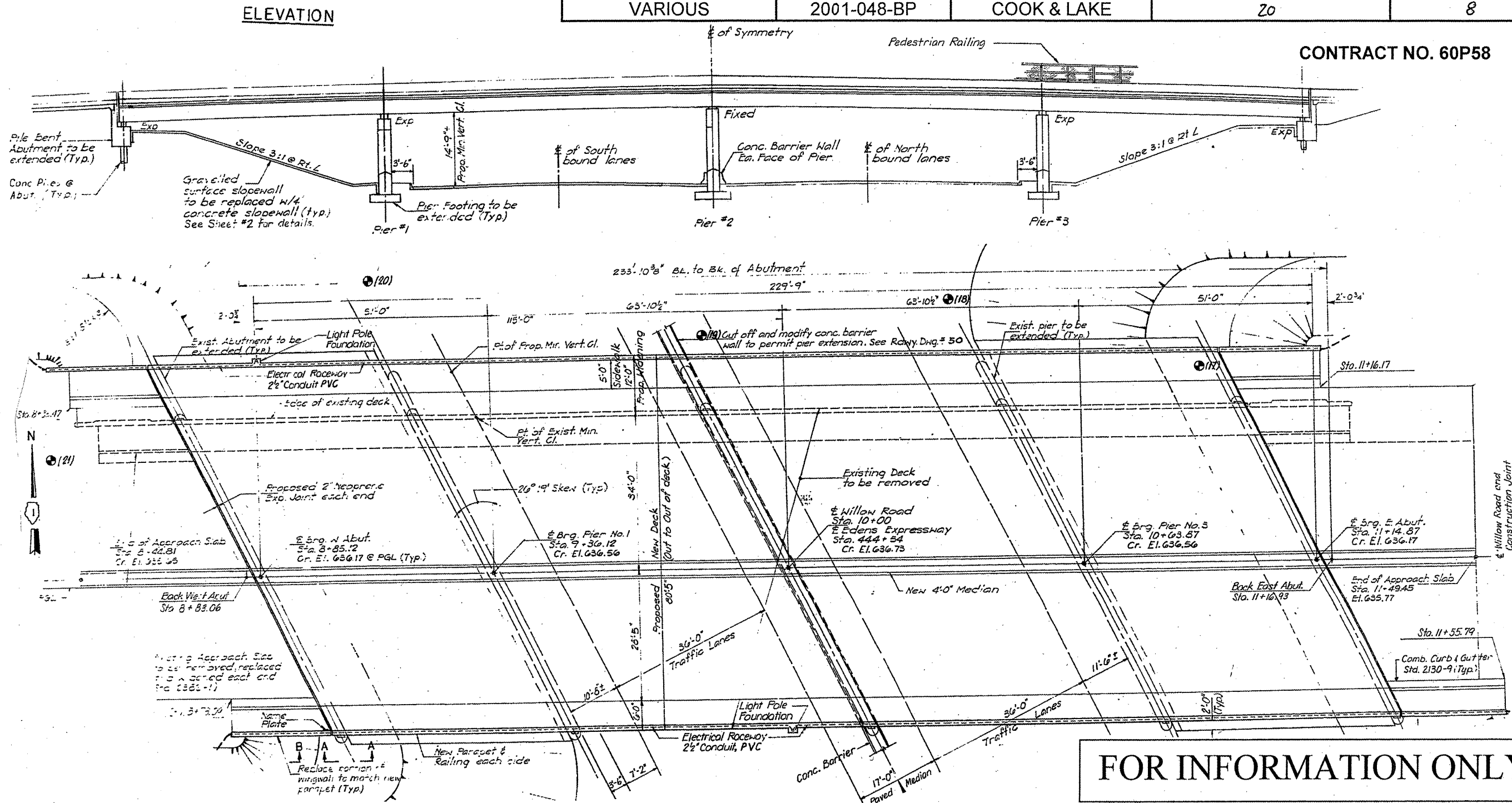
2009 ADT = 17,400  
POSTED SPEED LIMIT = 45 MPH

**ILLINOIS DEPARTMENT OF  
TRANSPORTATION**

**LOCATION MAP**

**LOCATION 3: SN 016-0558**  
**LOCATION 4: SN 049-0068**

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2001-048-BP	COOK & LAKE	20	8



**FOR INFORMATION ONLY**

**ILLINOIS DEPARTMENT OF  
TRANSPORTATION**

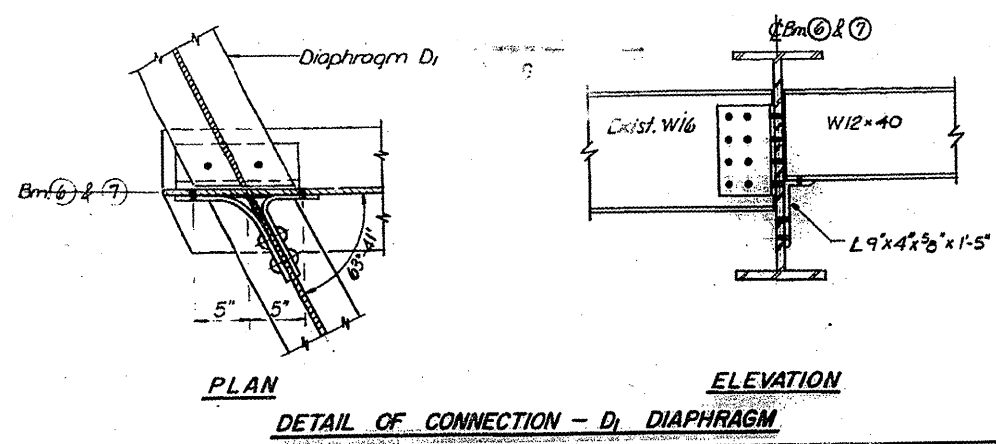
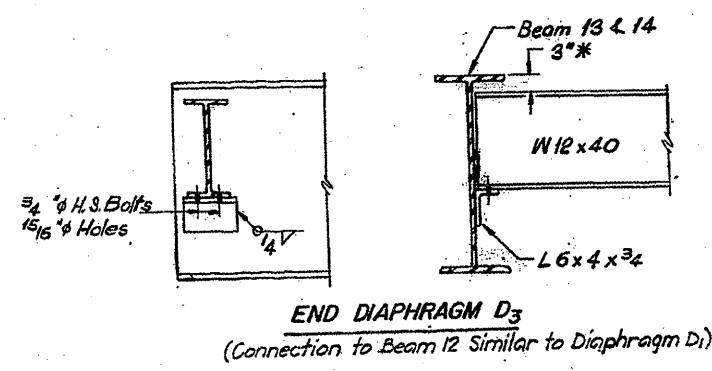
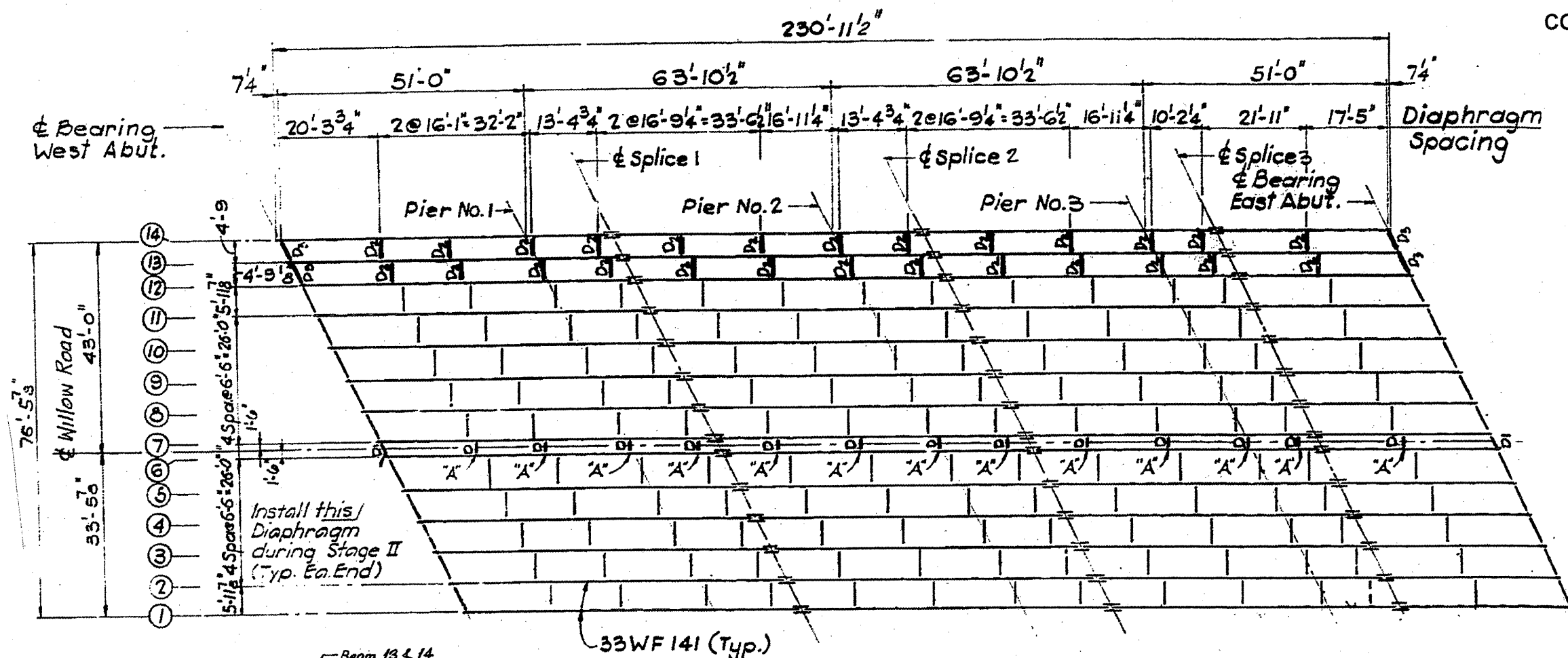
**EXISTING BRIDGE PLAN**

**LOCATION 1: SN 016-0536**  
Willow Rd at I-94 (Edens Expy)



ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2001-048-BP	COOK & LAKE	20	9

CONTRACT NO. 60P58



**FRAMING PLAN**  
(All Beams Existing Except (13) & (14))

DIAPHRAGMS: ALL DIAPHRAGMS ARE W16x36 EXCEPT FOR:  
 D<sub>1</sub> (section A) = W12x40  
 D<sub>3</sub> = W12x40

BEAMS: ALL BEAMS ARE 33 WF 141

**FOR INFORMATION ONLY**

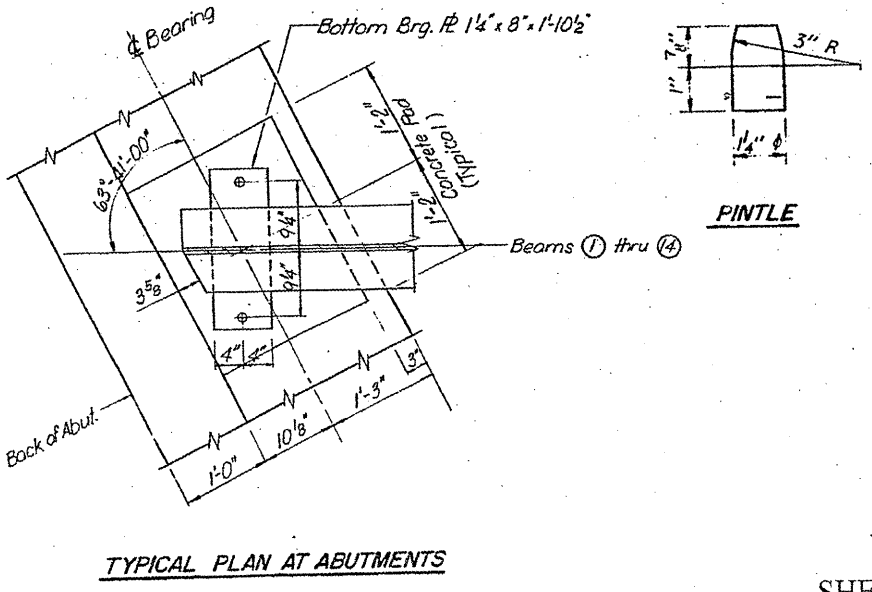
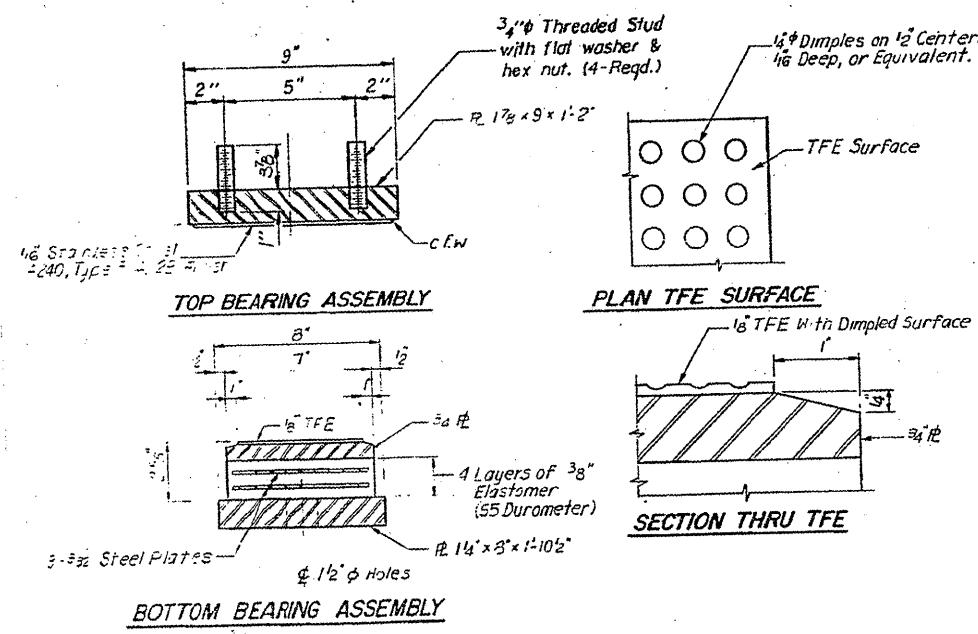
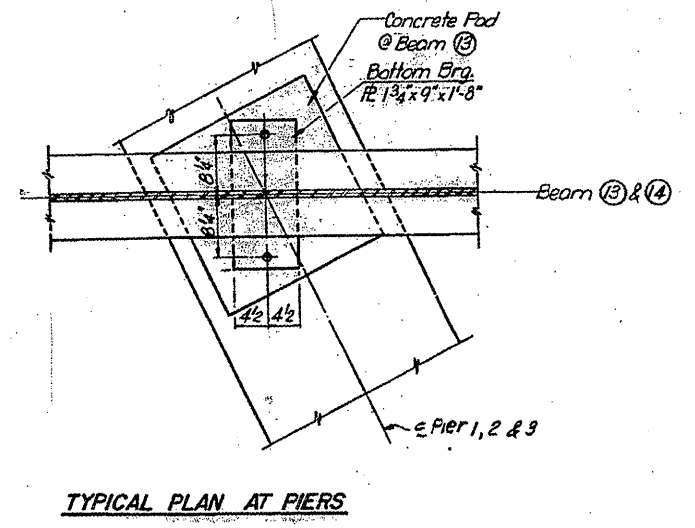
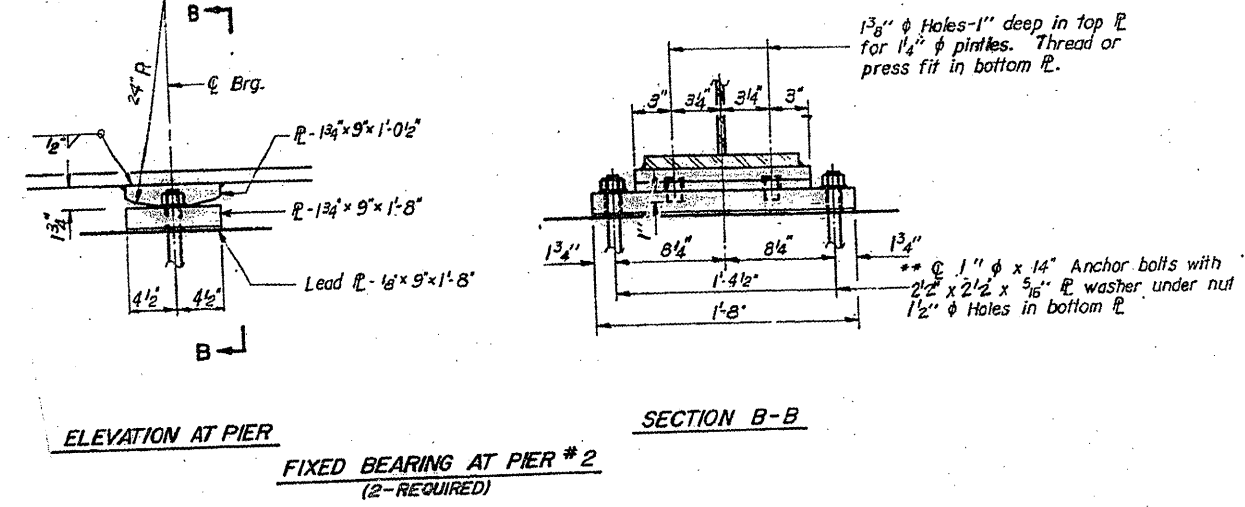
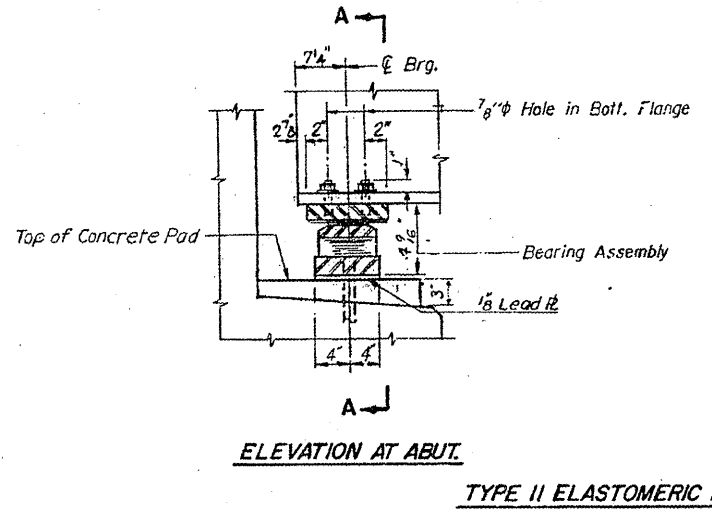
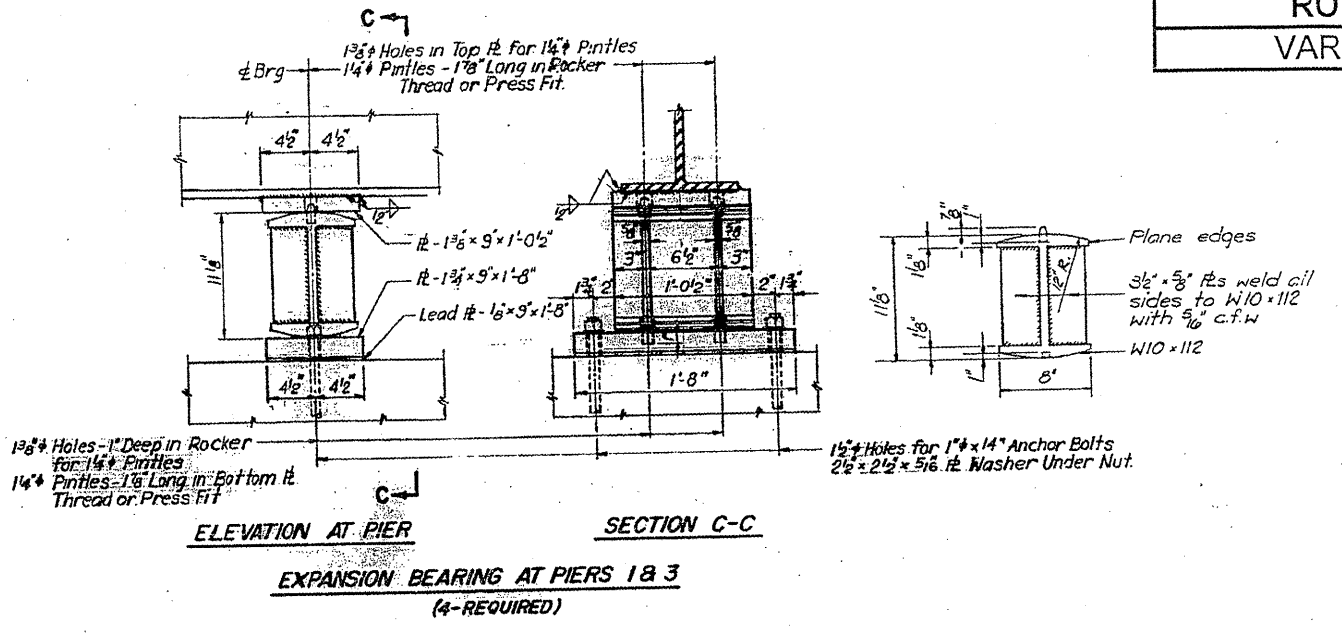
ILLINOIS DEPARTMENT OF  
 TRANSPORTATION

EXISTING BRIDGE PLAN

LOCATION 1: SN 016-0536  
 Willow Rd at I-94 (Edens Expy)

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2001-048-BP	COOK & LAKE	20	10

CONTRACT NO. 60P58

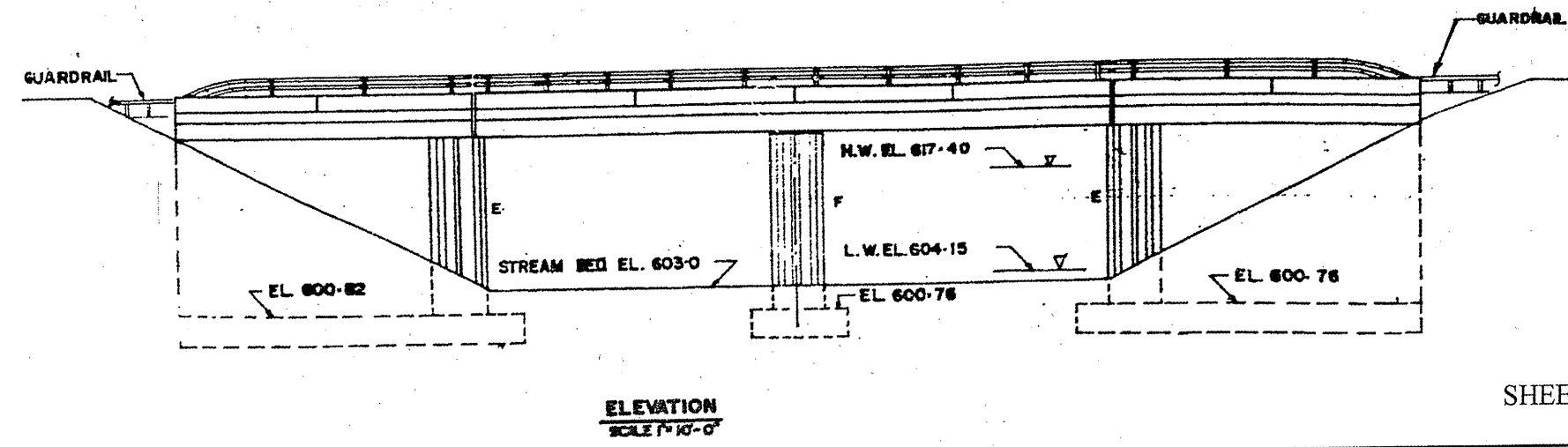
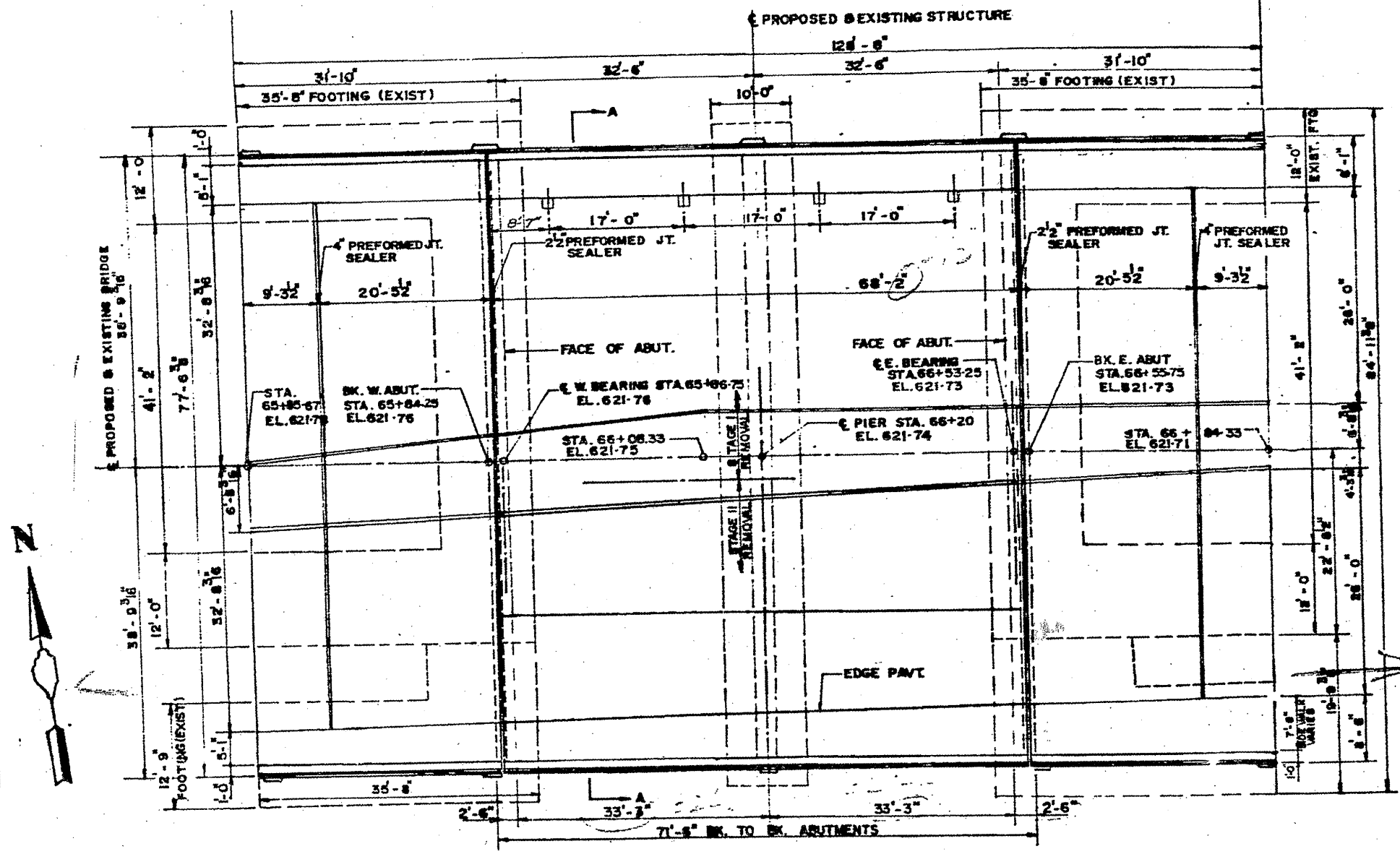


FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF  
 TRANSPORTATION  
 EXISTING BRIDGE PLAN  
 LOCATION 1: SN 016-0536  
 Willow Rd at I-94 (Edens Expy)

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2001-048-BP	COOK & LAKE	20	//

CONTRACT NO. 60P58



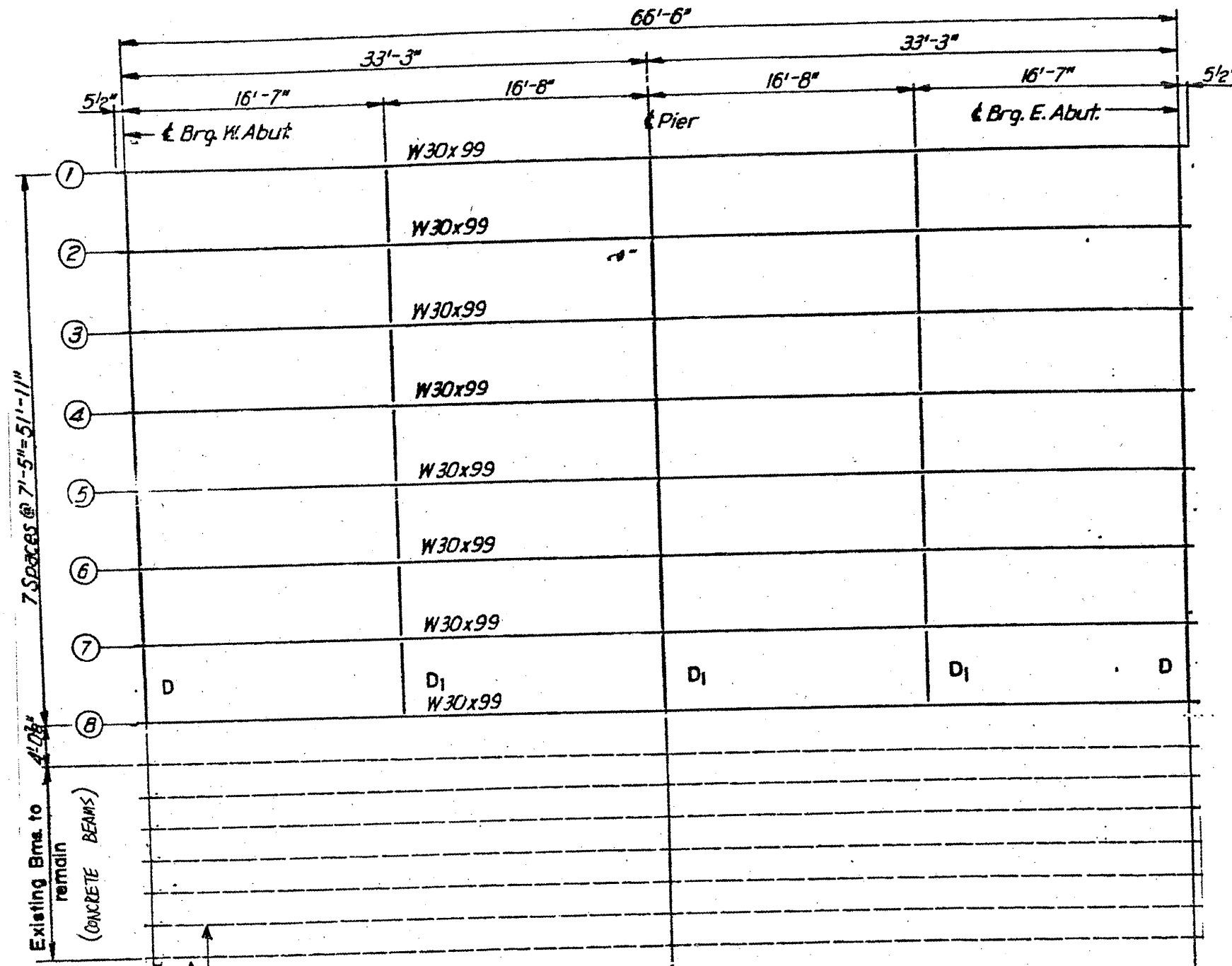
FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF  
TRANSPORTATION  
  
EXISTING BRIDGE PLAN  
  
LOCATION 2: SN 016-0928  
US 14 (Caldwell Ave) over N. Branch of Chicago River

SHEET 1 OF 3

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2001-048-BP	COOK & LAKE	20	12

CONTRACT NO. 60P58



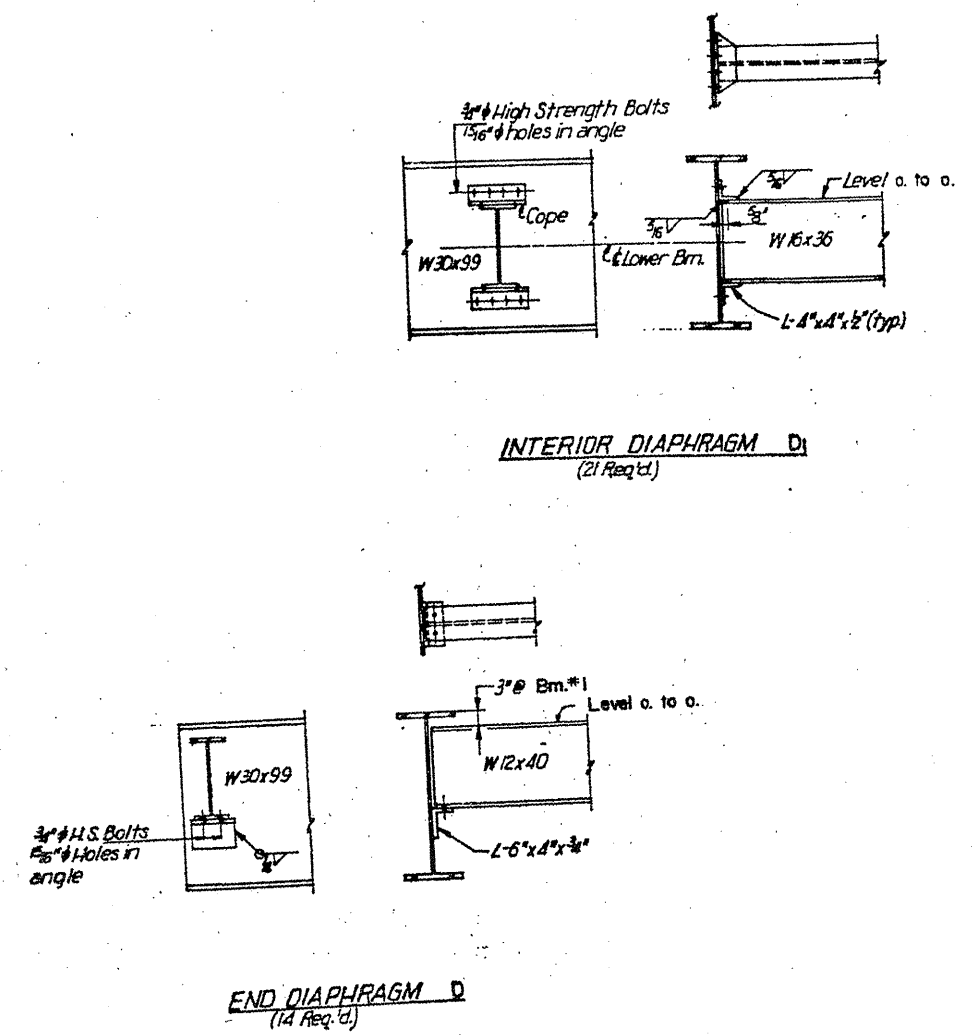
7 SPACES @ 7'-5" = 51'-11"

Existing Brms. to remain (CONCRETE BEAMS)

EXISTING PRECAST, PRESTRESSED CONCRETE BEAMS (TYP.)

PLAN

DIAPHRAGMS: D = W12x40  
D<sub>1</sub> = W16x36



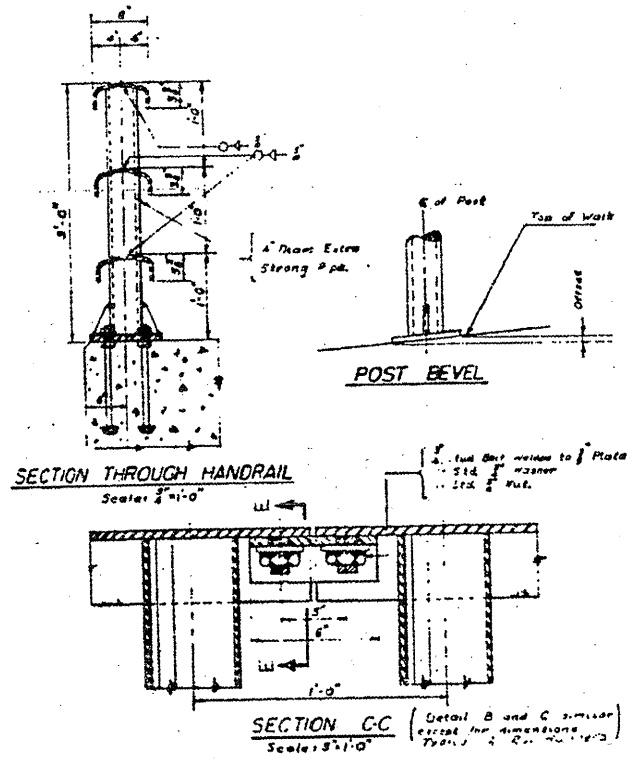
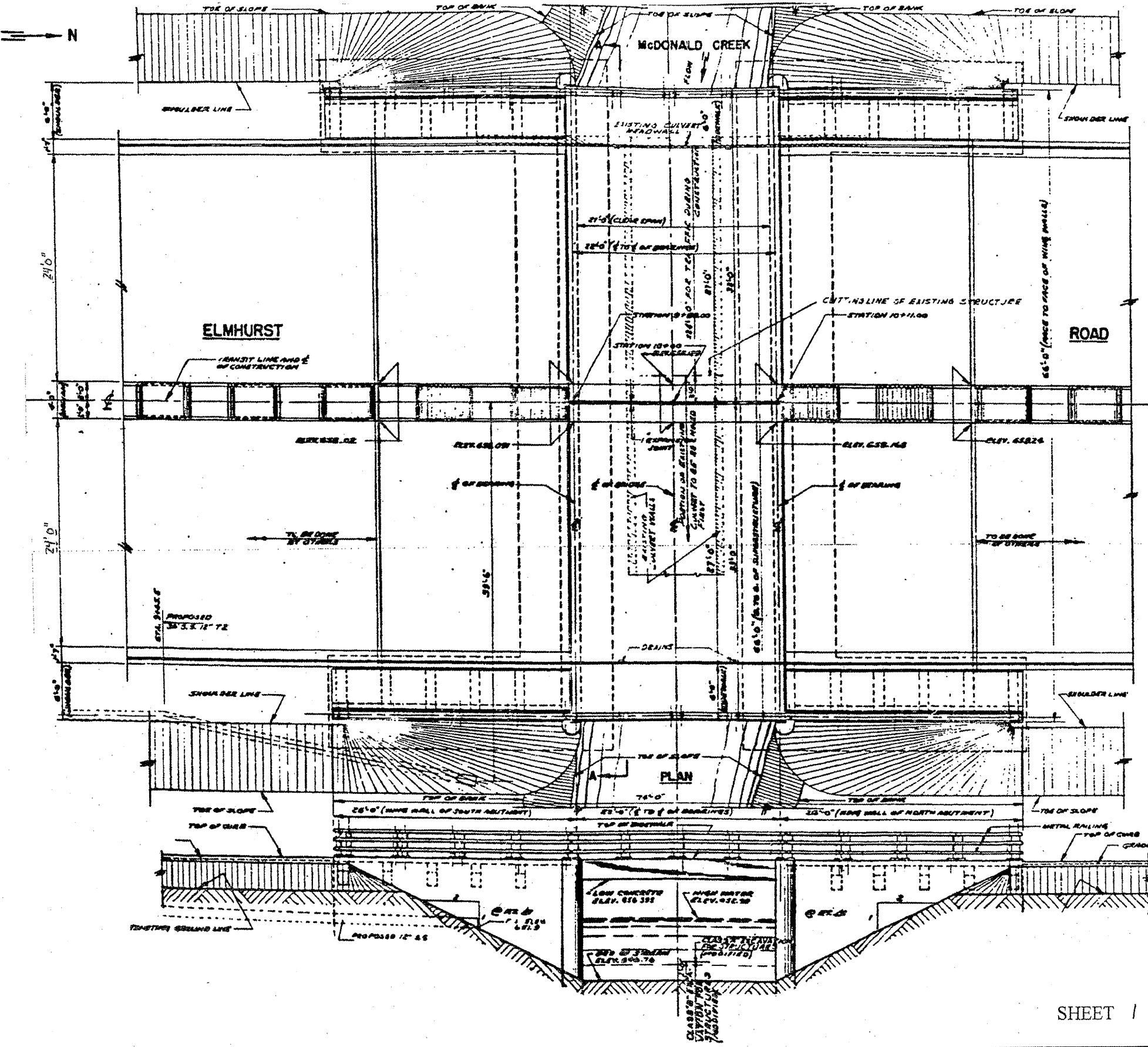
FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF TRANSPORTATION  
EXISTING BRIDGE PLAN  
LOCATION 2: SN 016-0928  
US 14 (Caldwell Ave) over N. Branch of Chicago River



ROUTE VARIOUS	SECTION 2001-048-BP	COUNTY COOK & LAKE	TOTAL SHEETS 20	SHEET NUMBER 14
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CONTRACT NO. 60P58



FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF  
TRANSPORTATION

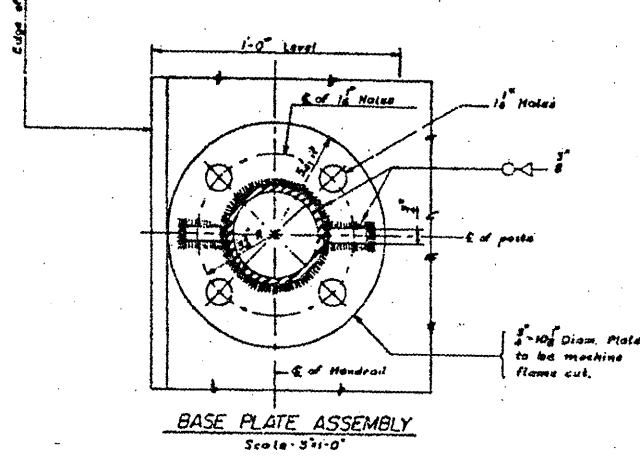
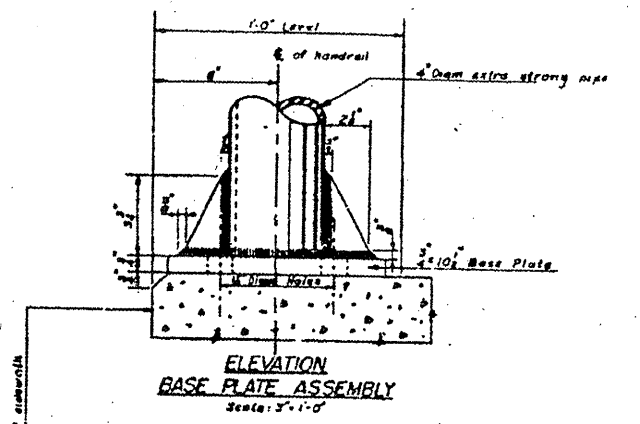
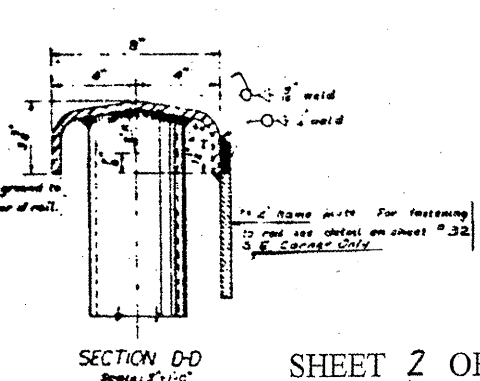
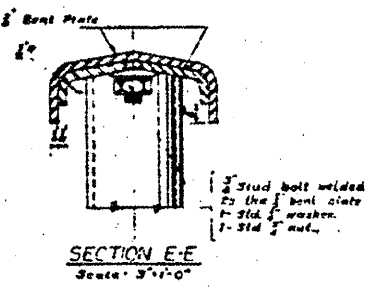
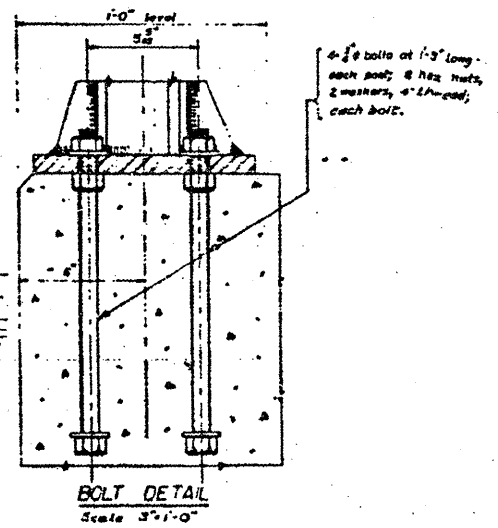
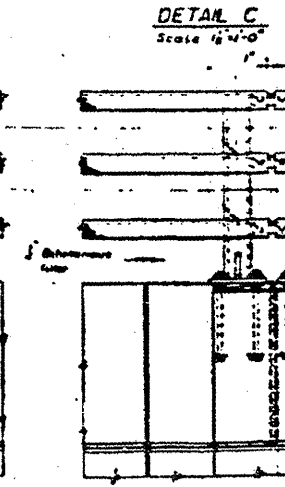
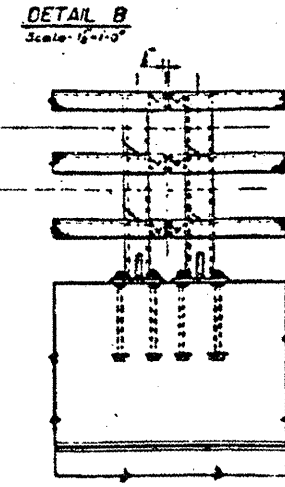
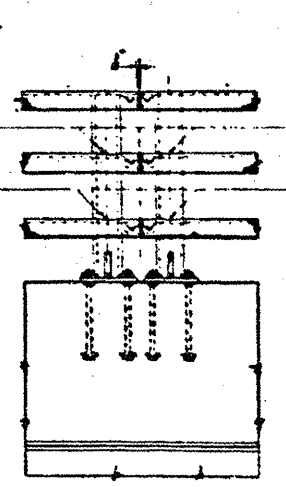
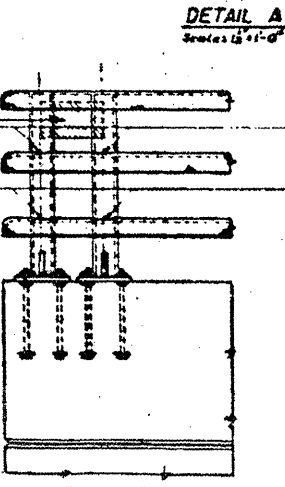
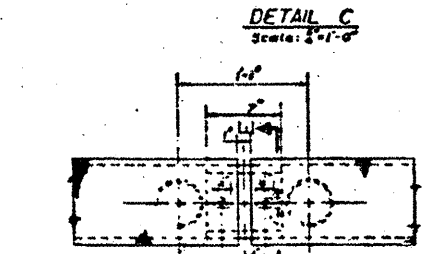
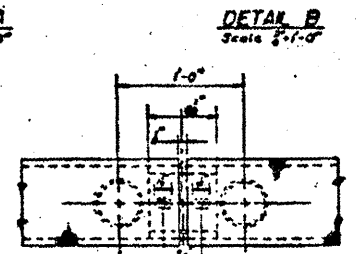
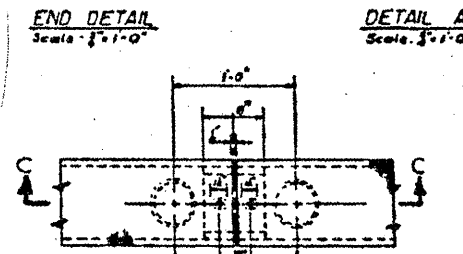
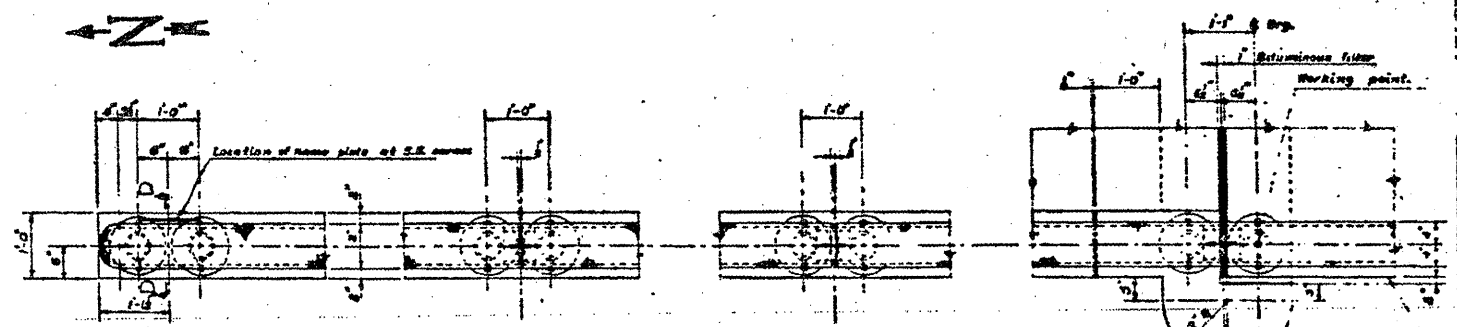
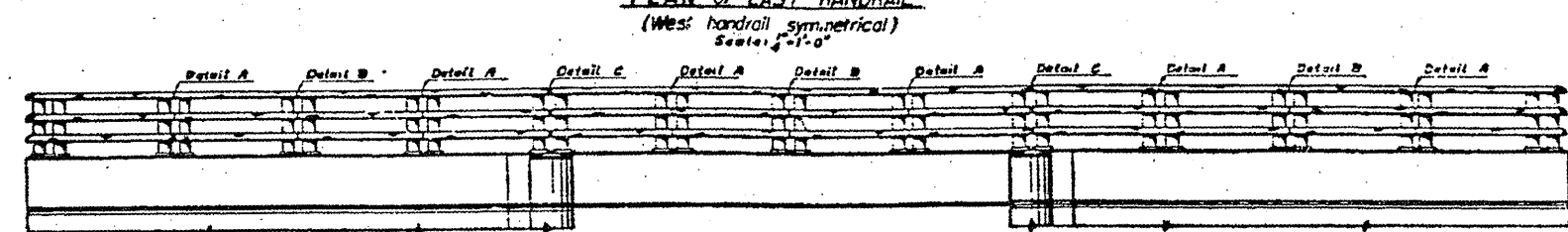
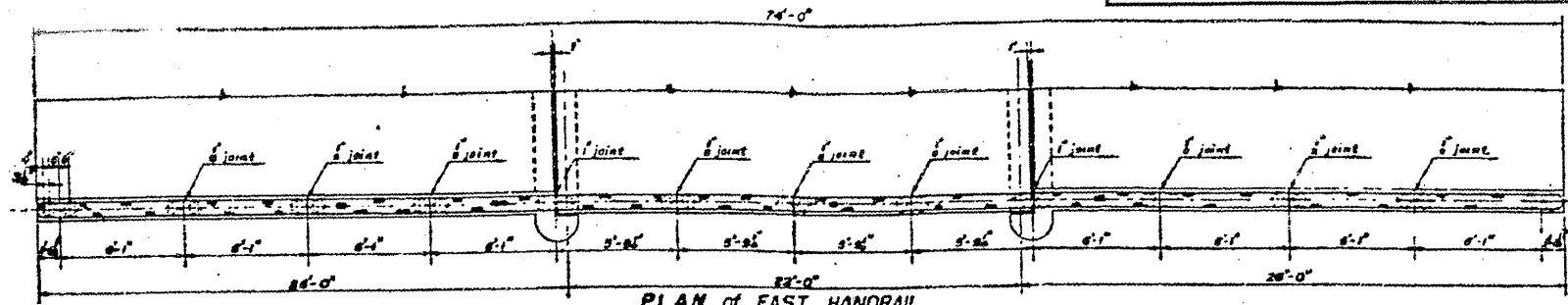
EXISTING BRIDGE PLAN

LOCATION 3: SN 016-0558  
IL 83 (Elmhurst Rd) over McDonald Creek

form date: 5/05/2003 s:\contracts-maintenance\wp\11x17plans\60p58 jek\sn 016-0558.doc

ROUTE VARIOUS	SECTION 200 1-048-BP	COUNTY COOK & LAKE	TOTAL SHEETS 20	SHEET NUMBER 15
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CONTRACT NO. 60P58



FOR INFORMATION ONLY

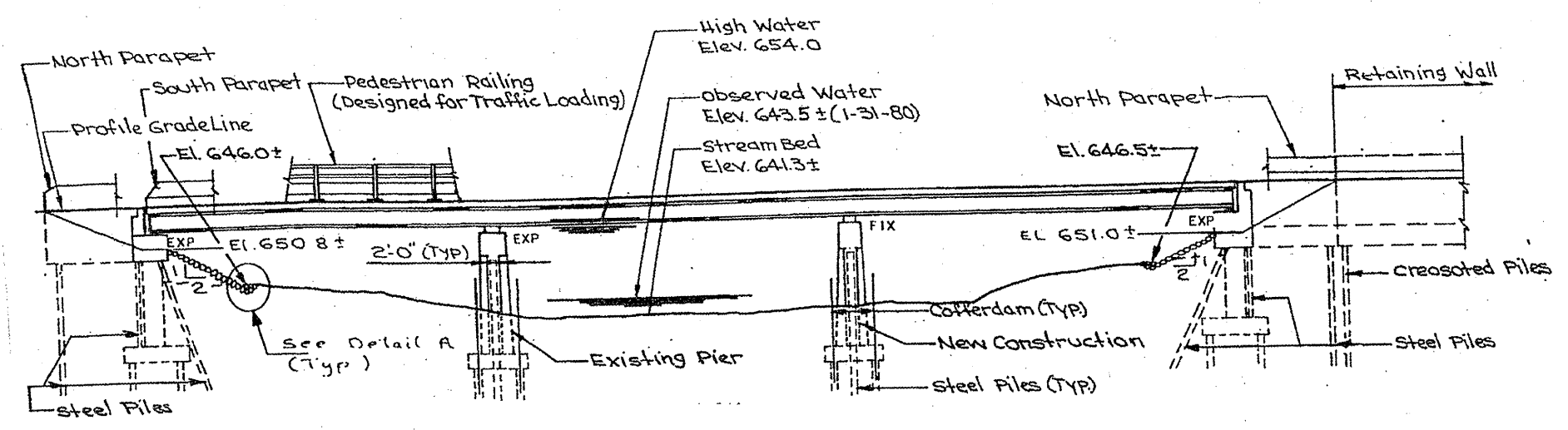
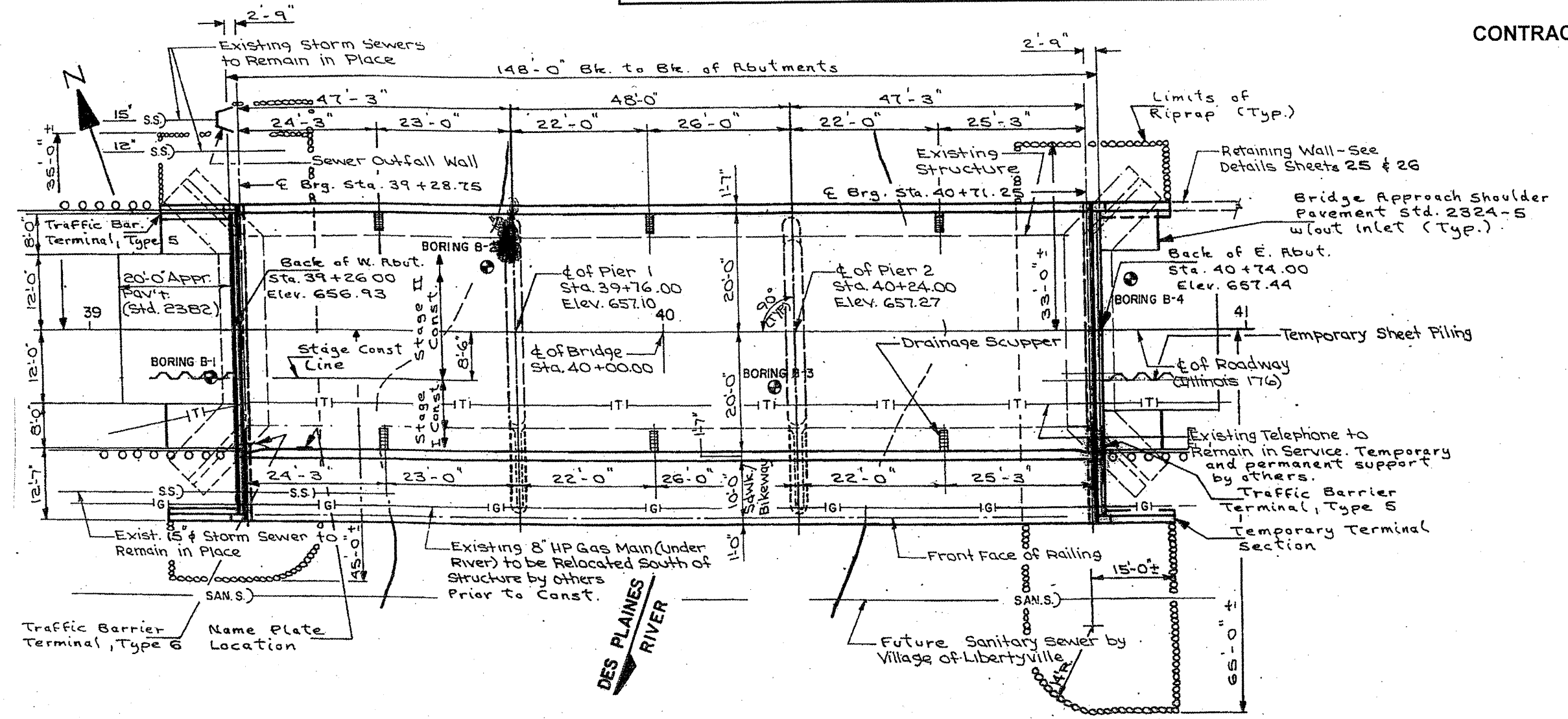
ILLINOIS DEPARTMENT OF  
TRANSPORTATION

EXISTING BRIDGE PLAN

LOCATION 3: SN 016-0558  
IL 83 (Elmhurst Rd) over McDonald Creek

ROUTE VARIOUS	SECTION 2001-048-BP	COUNTY COOK & LAKE	TOTAL SHEETS 20	SHEET NUMBER 16
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CONTRACT NO. 60P58



**FOR INFORMATION ONLY**

**ILLINOIS DEPARTMENT OF  
TRANSPORTATION**

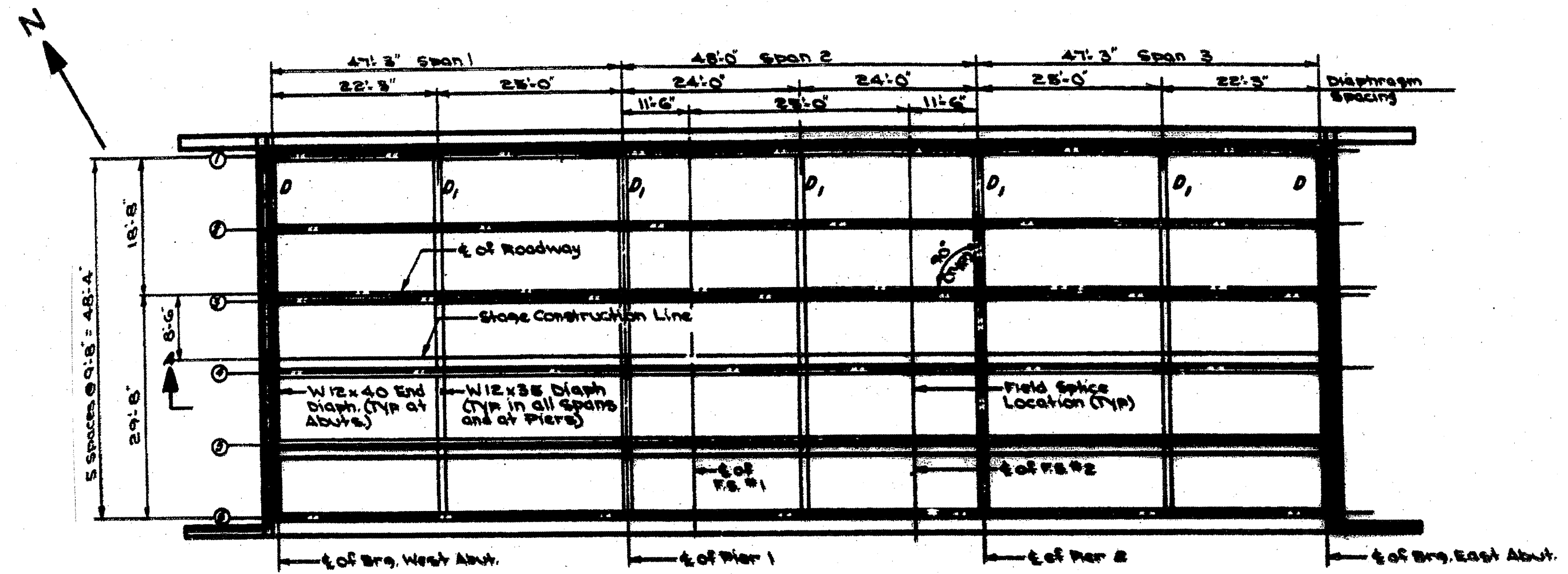
**EXISTING BRIDGE PLAN**

**LOCATION 4: SN 049-0068**  
IL 176 (E. Park Ave) over Des Plaines River



ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2001-048-BP	COOK & LAKE	20	17

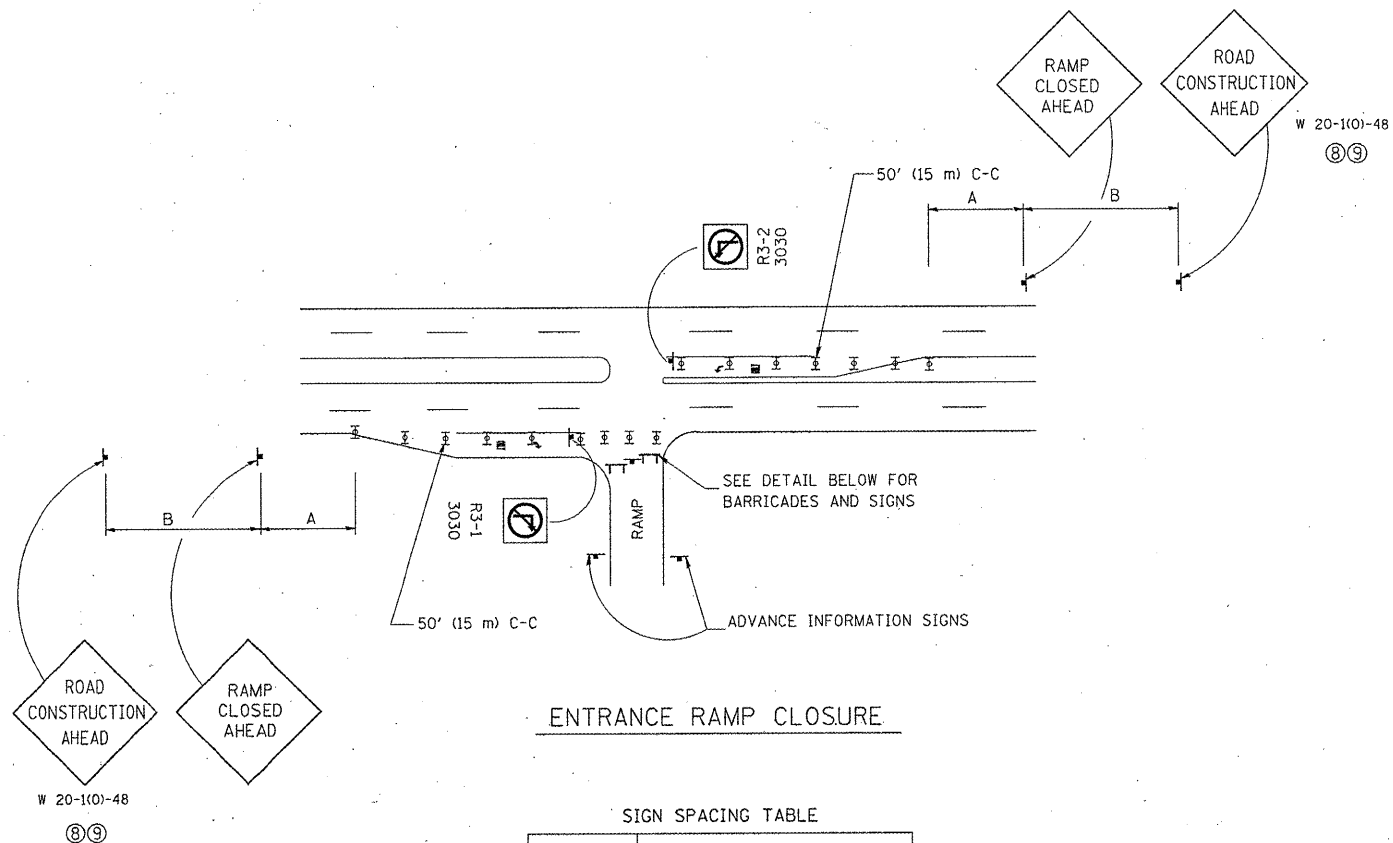
CONTRACT NO. 60P58



END DIAPHRAGMS: D = W12x40  
 ALL BEAMS: W30x99

FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF  
 TRANSPORTATION  
 EXISTING BRIDGE PLAN  
 LOCATION 4: SN 049-0068  
 IL 176 (E. Park Ave) over Des Plaines River

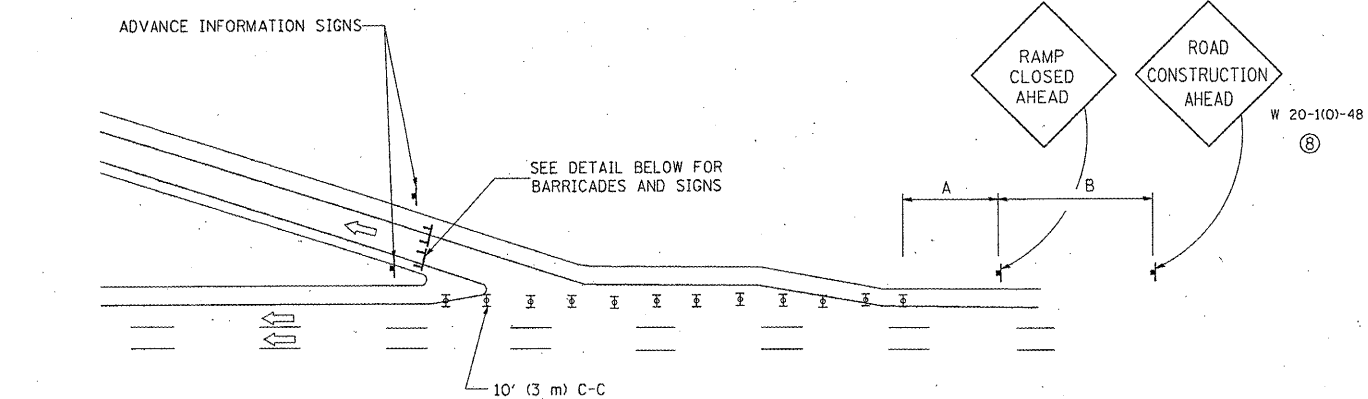


**ENTRANCE RAMP CLOSURE**

**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)

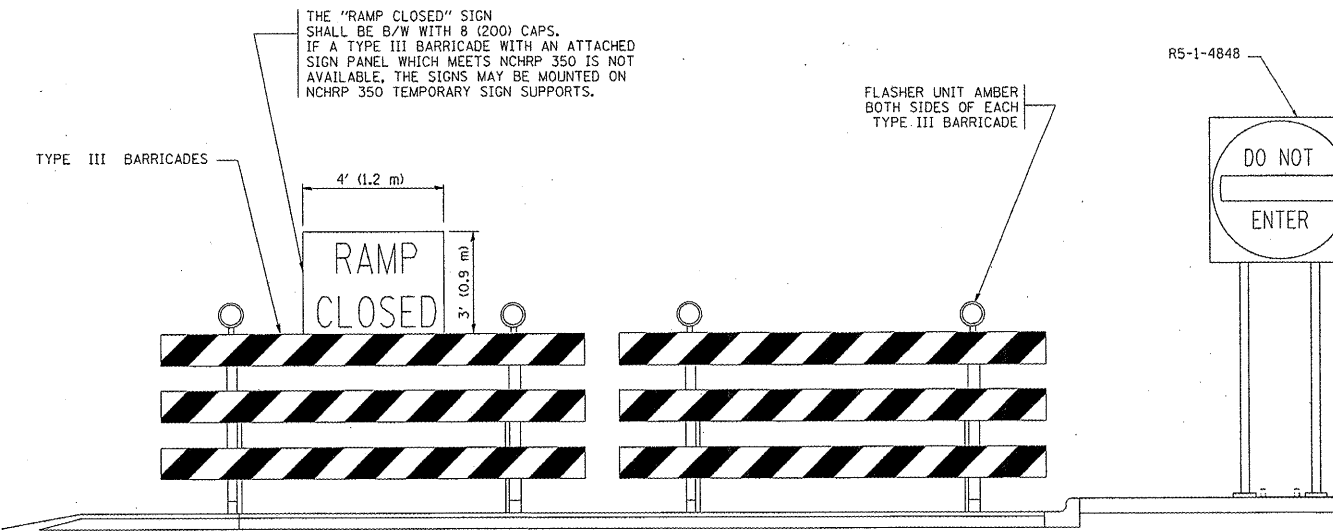
DISTANCES MAY BE SHORTENED DEPENDING UPON THE PROXIMITY OF ADJACENT RAMPS OR INTERSECTIONS.



**EXIT RAMP CLOSURE**

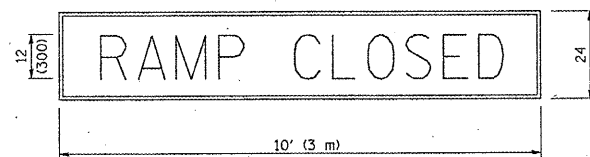
**SYMBOLS**

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



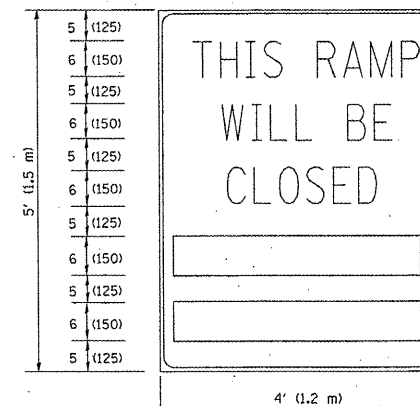
**DETAIL FOR REQUIRED BARRICADES & SIGNS**

**RAMP CLOSURE ADVANCE WARNING SIGN**



BLACK LEGEND ON ORANGE REFLECTORIZED BACKGROUND  
1 (25) BORDER  
THESE SIGNS ARE REQUIRED ON ALL THE EXIT GUIDE SIGNS FOR THE CLOSED EXIT RAMPS.

**RAMP CLOSURE ADVANCE INFORMATION SIGN**



BLACK LEGEND ON WHITE REFLECTORIZED BACKGROUND

1/2 (12) BORDER

THESE BLANK AREAS SHALL BE FILLED WITH THE DATES AND THE TIME THAT THE RAMP WILL BE CLOSED.

THESE SIGNS ARE REQUIRED ON BOTH SIDES OF THE RAMP, MINIMUM OF 1 WEEK IN ADVANCE OF THE CLOSURE.

**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 = W:\dstatd\22x34\to08.dgn	USER NAME = jeyso	DESIGNED - DWS	REVISED - DWS/JAF 12-02
		DRAWN -	REVISED - JAF 02-06
		CHECKED -	REVISED - SPB 01-07
		DATE - 02-83	REVISED - SPB 12-09

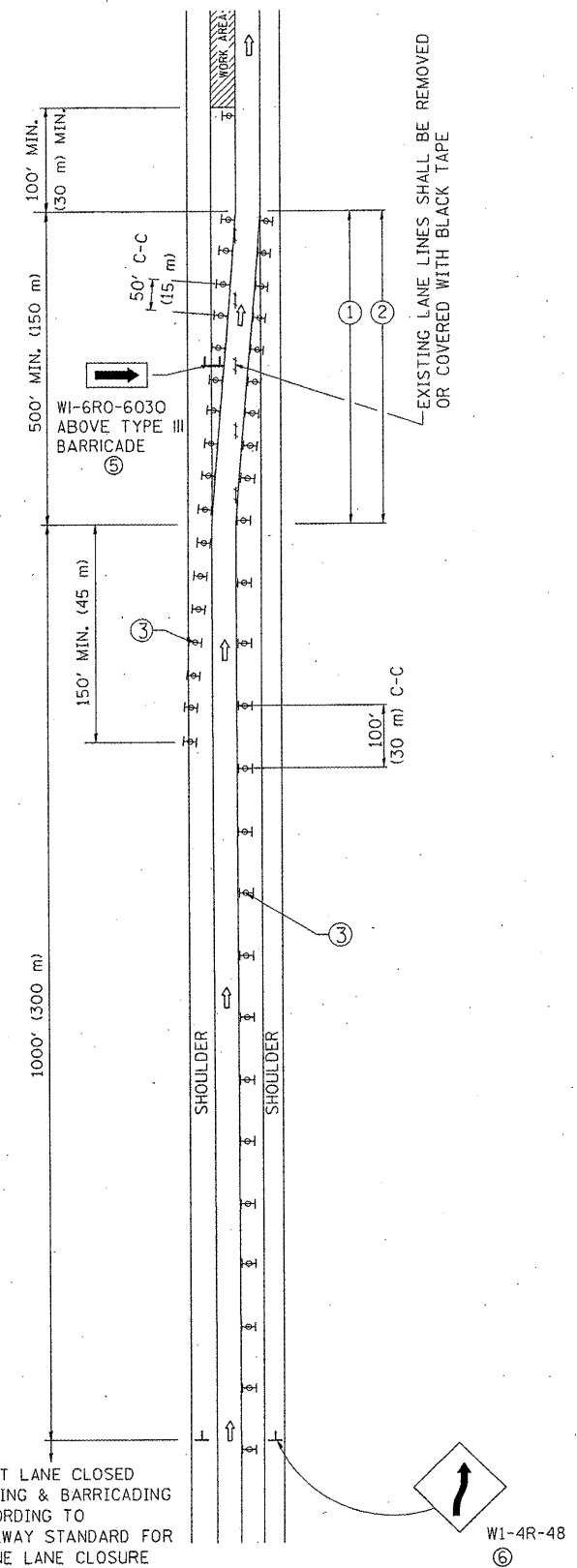
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**FREWAY ENTRANCE AND EXIT RAMP  
CLOSURE DETAILS**

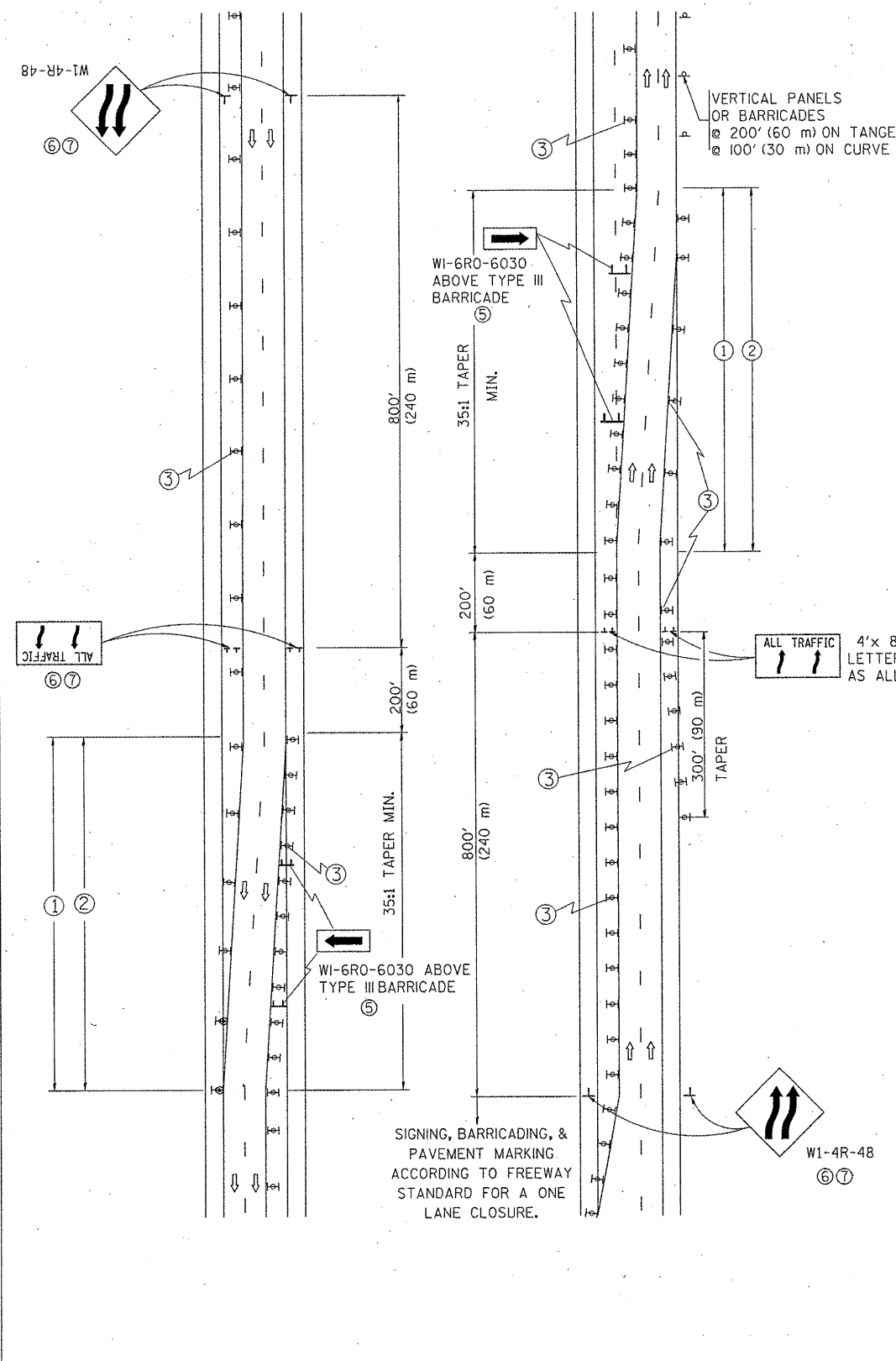
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2001-048-BP	COOK	20	18
	IC-08	CONTRACT NO.	60P58	
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

# SINGLE LANE WEAVE



# MULTI-LANE WEAVE



### GENERAL NOTES

- EXISTING CONFLICTING PAVEMENT MARKING LINES SHALL BE REMOVED. PAVEMENT MARKING REMOVAL SHALL NOT BE REQUIRED FOR SINGLE LANE WEAVES UNDER 24 HOURS IN DURATION.
- CONTINUOUS REFLECTIVE TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND FOR 300' (90 m) ALONG SIDE THE WORK AREA WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS. THE LEFT EDGE LINE SHALL BE YELLOW AND THE RIGHT EDGE LINE SHALL BE WHITE. FOR MULTI-LANE WEAVES LANE LINES SHALL BE 5 INCH, 10"-30' (3 m-9 m) SKIP DASH, WHITE.
- PLASTIC DRUMS WITH STEADY BURN LIGHTS AT 50' (15 m) C-C SPACING IN TAPERS AND 100' (30 m) C-C SPACING IN TANGENTS.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON NCHRP 350 TEMPORARY SIGN SUPPORTS. TYPE III BARRICADES MAY BE OMITTED FOR SINGLE-LANE WEAVES UNDER 24-HOURS IN DURATION. W1-6 SIGNS WILL STILL BE REQUIRED. IF THE WIDTH OF OFFSET IS LESS THAN 6' THEN THE TYPE III BARRICADE WITH ATTACHED ARROW SIGN PANEL CAN BE ELIMINATED IN THE TAPER AREAS.
- WHEN THE LENGTH OF THE SHIFTED SEGMENT (DISTANCE BETWEEN WEAVE POINTS) IS LESS THAN 1500', DOUBLE REVERSE CURVE SIGNS (W24-1) SHOULD BE USED INSTEAD OF THE REVERSE CURVE (W1-4) SIGNS. ARROWS ON THE 4'X8' "ALL TRAFFIC" SIGNS SHALL BE THE SAME SHAPE.
- THE NUMBER OF ARROWS ON THESE SIGNS SHALL MATCH THE NUMBER OF LANES OPEN TO TRAFFIC.

### SYMBOLS

- ↑ DIRECTION OF TRAFFIC
  - ▨ WORK AREA
  - ┌ SIGN ON PORTABLE OR PERMANENT SUPPORT
  - ⊥ TYPE II BARRICADE OR DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
- W24-1-48

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =  
W:\state\22x34\1009.dgn

USER NAME = leuso	DESIGNED - DWS	REVISED - JAF 01-03
	DRAWN -	REVISED - JAF 02-06
PLOT SCALE = 50,000' / IN.	CHECKED -	REVISED - SPB 01-07
PLOT DATE = 1/26/2010	DATE - 02-87	REVISED - SPB 12-09

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2001-048-BP	COOK : LAKE	20	19
TC-09			CONTRACT NO. 60P58	
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				

