

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2006-019 BP	COOK	37+4=41	1

FOR INDEX OF SHEETS SEE SHEET 2

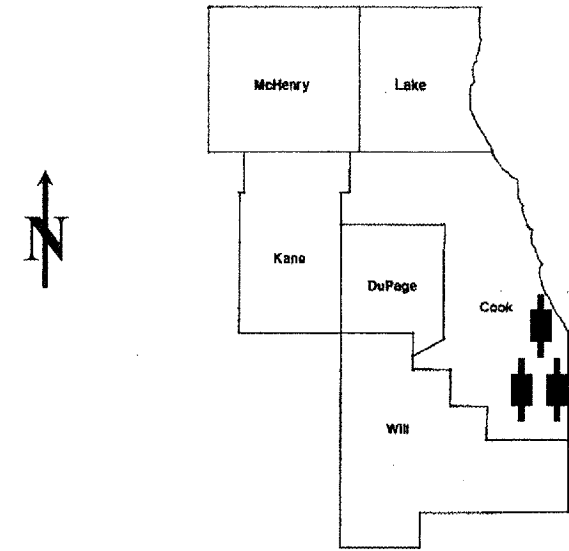
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
DISTRICT ONE
PROPOSED HIGHWAY PLANS

CONTRACT NO. 60B44

D-91-345-06

**IMPROVEMENT ARE
 LOCATED IN THE VILLAGE
 OF RIVERDALE
 AND THE CITY OF
 CALUMET CITY**

VARIOUS ROUTES
 VARIOUS LOCATIONS
 SECTION 2006-019 BP
 BRIDGE PAINTING
 COOK COUNTY
 C-91-345-06



LOCATION OF IMPROVEMENT INDICATED THUS:

- LOCATION 1) SN 016-0194
- LOCATION 2) SN 016-0195
- LOCATION 3) SN 016-0806

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
 SUBMITTED: October 31 2007
Diane O'Keefe
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
December 7 2007
Eric E. Harm
 INTERIM ENGINEER OF DESIGN AND ENVIRONMENT
December 7 2007
Christine M. Reed
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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 OF THE STATE OF ILLINOIS**

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

CONTRACT NO. 60B44

DISTRICT ONE BUREAU OF DESIGN
 DESIGN ENGINEER: K. ENG/R. BORO (847) 705-4178

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2006-019 BP	COOK	37	2

Contract 60B44

INDEX OF SHEETS

- 1 TITLE SHEET
- 2 INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES
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- 4-5 LOCATION MAPS
- 6 SUMMARY OF QUANTITIES
- 7-8A. EXISTING BRIDGE PLANS (SN 016-0194: LOCATION 1)
- 9-12A, 12B. EXISTING BRIDGE PLANS (SN 016-0195: LOCATION 2)
- 13-35A. EXISTING BRIDGE PLANS (SN 016-0806: LOCATION 3)
- 36 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
- 37 TRAFFIC CONTROL AND PROTECTION AND TURN BAYS (TO REMAIN OPEN TO TRAFFIC)

GENERAL NOTES

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) 705-4470, 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.

STATE STANDARDS

- 701101-01 MULTI-LANE OFF-ROAD OPERATIONS
- 701301-02 LANE CLOSURE 2L, 2W SHORT TIME OPERATIONS
- 701601-05 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
- 701901 TRAFFIC CONTROL DEVICES

ILLINOIS DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS
STATE STANDARDS
GENERAL NOTES

Rev.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2006-019 BP	COOK	37	3

Contract 60B44

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".

A MINIMUM OF TWO (2) [AT LOCATIONS 1 AND 2] AND FOUR (4) [AT LOCATION 3] AIR MONITORS WILL BE REQUIRED TO MONITOR ABRASIVE BLASTING OPERATIONS PER LOCATION, SEE SPECIAL PROVISIONS FOR CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUE.

THE SSPC-QP1 AND SSPC-QP2 PAINTING CONTRACTOR CERTIFICATIONS WILL BE REQUIRED FOR THESE BRIDGES.

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. 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.

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.

LOCATION 1 [SN 016-0194]

ALL BEAMS, BEARINGS AND OTHER STRUCTURAL STEEL WITHIN FIVE (5) FT., (MEASURED ALONG THE BEAM) OF EITHER SIDE OF THE DECK JOINTS, SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING SSPC-SP10. THE EXTERIOR SURFACES AND TOP AND BOTTOM OF THE BOTTOM FLANGE OF THE FASCIA BEAMS (SEE FIGURE 1) SHALL BE CLEANED PER POWER TOOL CLEANING - COMMERCIAL GRADE.

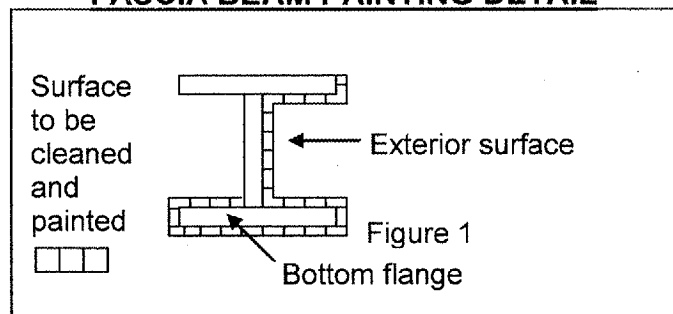
LOCATION 2 [SN 016-0195]

ALL BEAMS, BEARINGS AND OTHER STRUCTURAL STEEL WITHIN FIVE (5) FT [TEN (10) FT AT ENDS OF PLATE GIRDER], (MEASURED ALONG THE BEAM/GIRDER) OF EITHER SIDE OF THE DECK JOINTS, SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING SSPC-SP10. THE EXTERIOR SURFACES AND TOP AND BOTTOM OF THE BOTTOM FLANGE OF THE FASCIA BEAMS (SEE FIGURE 1) SHALL BE CLEANED PER POWER TOOL CLEANING - COMMERCIAL GRADE.

LOCATION 3 [SN 016-0806]

ALL BEAMS, BEARINGS AND OTHER STRUCTURAL STEEL WITHIN FIVE (5) FEET (MEASURED ALONG THE BEAM) OF EITHER SIDE OF DECK JOINTS, TRANSVERSE TO THE CENTERLINE OF BURNHAM AVENUE, SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING SSPC-SP10. NO OTHER STEEL WILL BE CLEANED.

FASCIA BEAM PAINTING DETAIL



ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL PAINT NOTES

Rev.

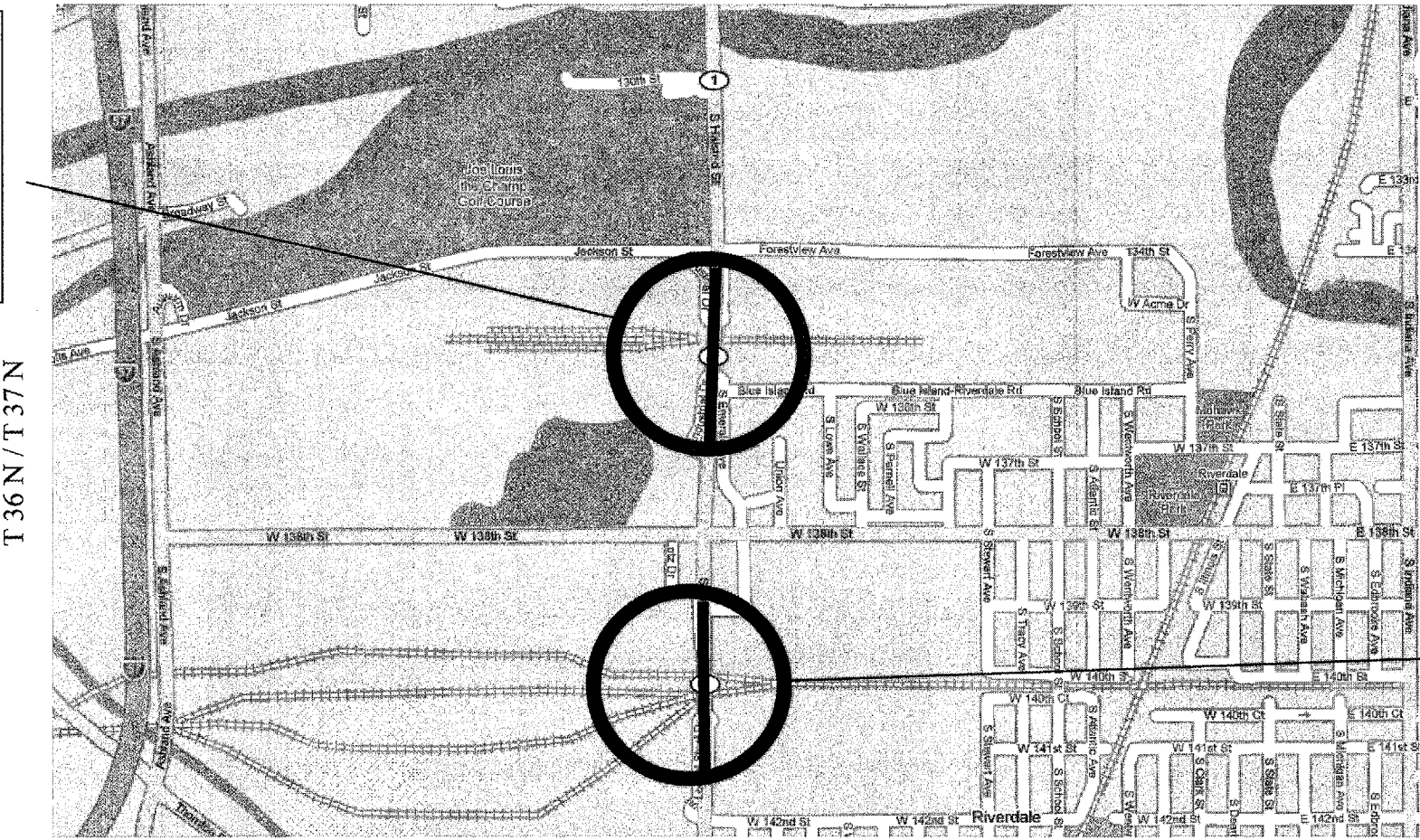
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2006-019 BP	COOK	37	4

CONTRACT NO. 60B44

R 14 E

LOCATION 1:
SN: 016-0194
 IL 1 (HALSTED STREET)
 OVER CSX RR

VILLAGE OF RIVERDALE



LOCATION 2:
SN: 016-0195
 IL 1 (HALSTED STREET)
 OVER IHB RR

VILLAGE OF RIVERDALE

T 36 N / T 37 N

CALUMET AND THORNTON TOWNSHIPS

TRAFFIC DATA: IL 1 (HALSTED STREET)

2005 ADT = 19,200
 SPEED LIMIT = 40 MPH

ILLINOIS DEPARTMENT OF TRANSPORTATION

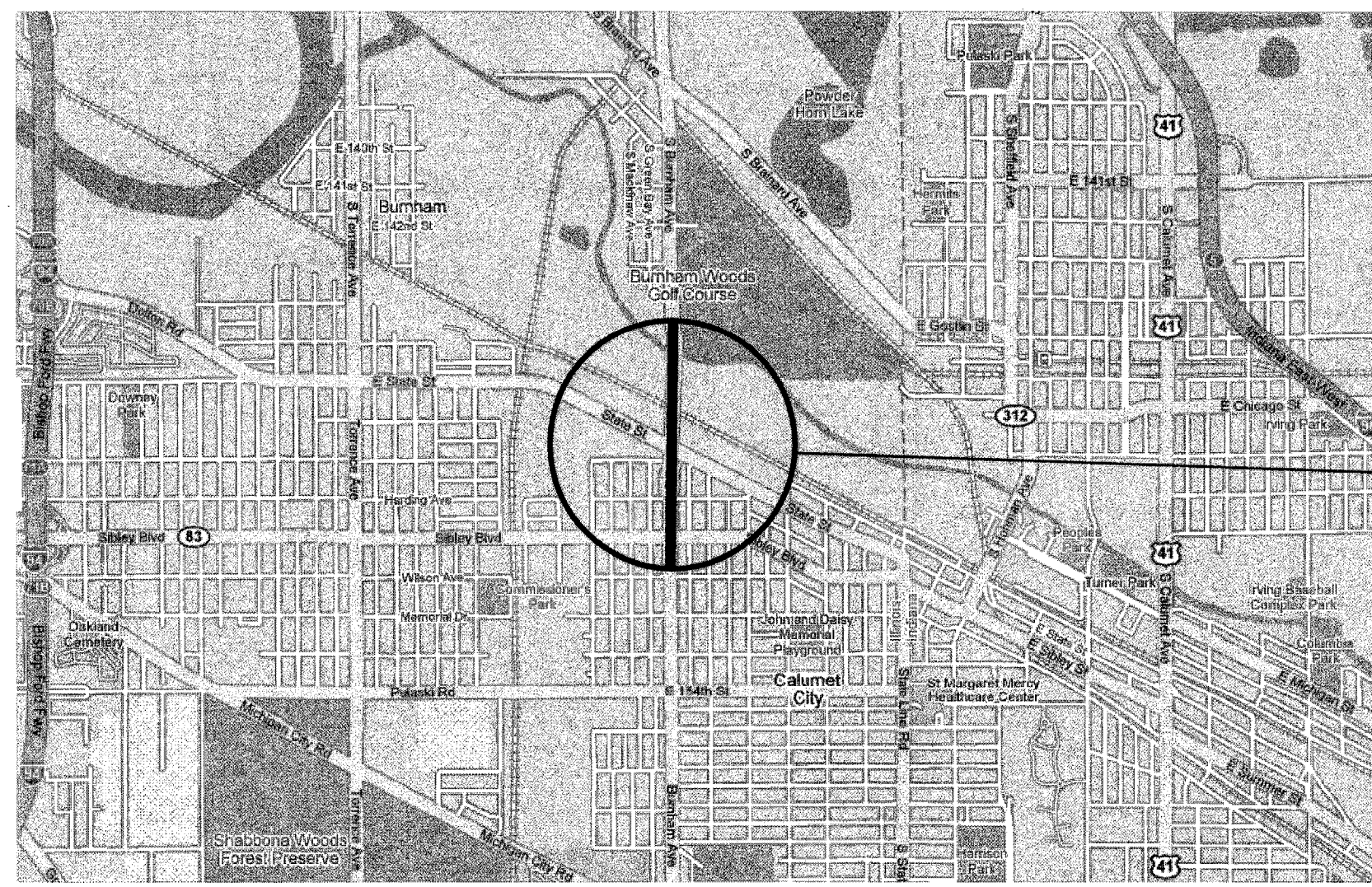
LOCATION OF IMPROVEMENT
 LOCATION 1: IL 1 OVER CSX RR
 LOCATION 2: IL 1 OVER IHB RR

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2006-019 BP	COOK	37	5

CONTRACT NO.: 60B44

R 15 E

T 36 N



LOCATION 3:
 SN: 016-0806
 BURNHAM AVE. VIADUCT
 OVER STATE ST, RR'S & RIVER
 CITY OF CALUMET CITY

THORNTON TOWNSHIP

TRAFFIC DATA: BURNHAM AVENUE
 2006 ADT = 13,900
 SPEED LIMIT = 30-40 MPH

ILLINOIS DEPARTMENT OF TRANSPORTATION
 LOCATION OF IMPROVEMENT
 LOCATION 3: BURNHAM AVE. VIADUCT
 OVER STATE ST & RR'S & RIVER

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2006-019 BP	COOK	37	6

CONTRACT: 60B44

SUMMARY OF QUANTITIES

Code No.	Description	Unit	100% STATE Total Quantities	CONSTRUCTION TYPE CODE: SFTY - 2A		
				LOCATION 1 016-0194	LOCATION 2 016-0195	LOCATION 3 016-0806
50606400	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES	L SUM	1	0.3	0.4	0.3
50600600	CLEANING AND PAINTING STEEL BRIDGE No. 1	L SUM	1	1		
50600700	CLEANING AND PAINTING STEELBRIDGE No. 2	L SUM	1		1	
50600800	CLEANING AND PAINTING STEEL BRIDGE No. 3	L SUM	1			1
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	9	3	3	3
67100100	MOBILIZATION	L SUM	1	0.3	0.4	0.3
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	0.3	0.4	0.3
X0322467	TEMPORARY INFORMATION SIGNING FOR LANE CLOSURE	SQ FT	144	48	48	48
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	0.3	0.4	0.3

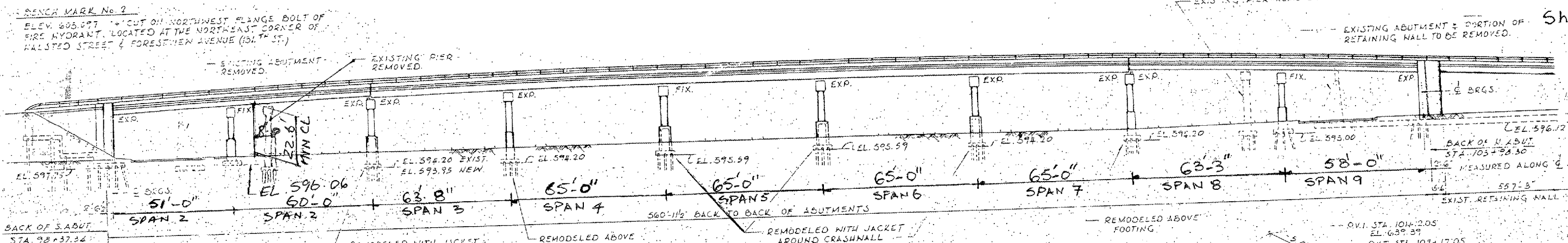
ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2006-019 BP	COOK	37	7

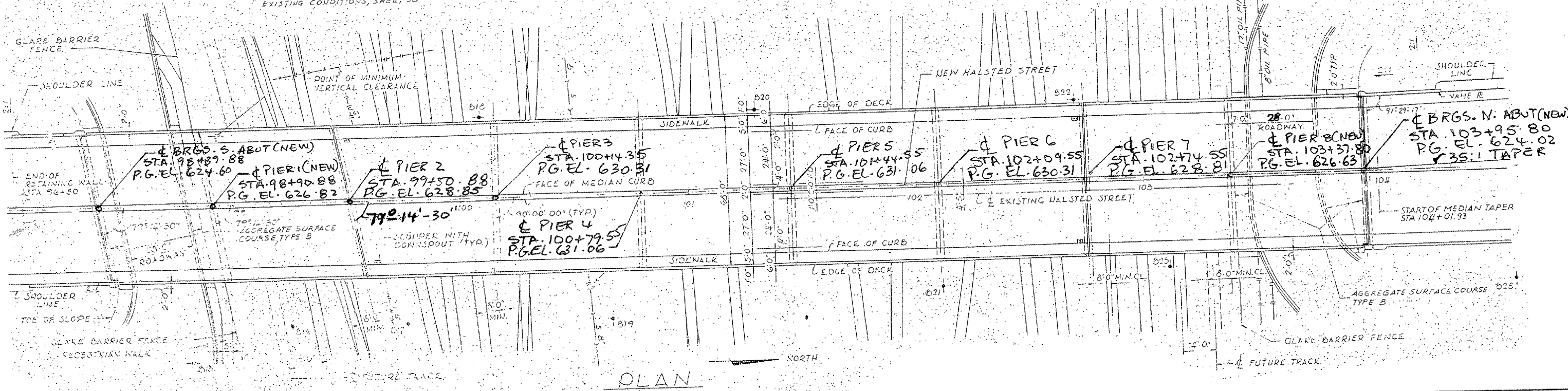
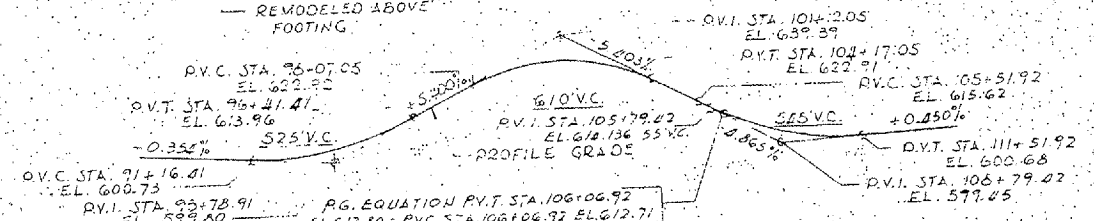
CONTRACT NO. 60B44

Sh 1 of 2



EXISTING PIERS ARE CRESOATED TIMBER PILES WITH 2 20 TON CAPACITY SHOWN ON THE PLANS. NO RECORDS ARE AVAILABLE FOR PILE LENGTHS. ALL PILES FOR NEW STRUCTURES AND LENGTHENING OF EXISTING PIERS SHALL BE CRESOATED TIMBER PILES WITH 2 20 TON CAPACITY.

NOTE:
FOR TRACK PROFILES SEE EXISTING CONDITIONS, SHEET 58



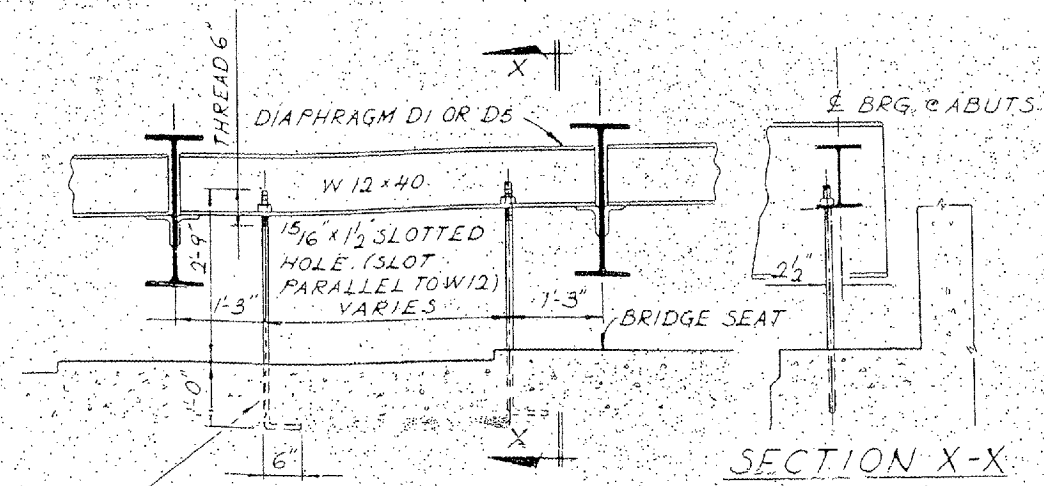
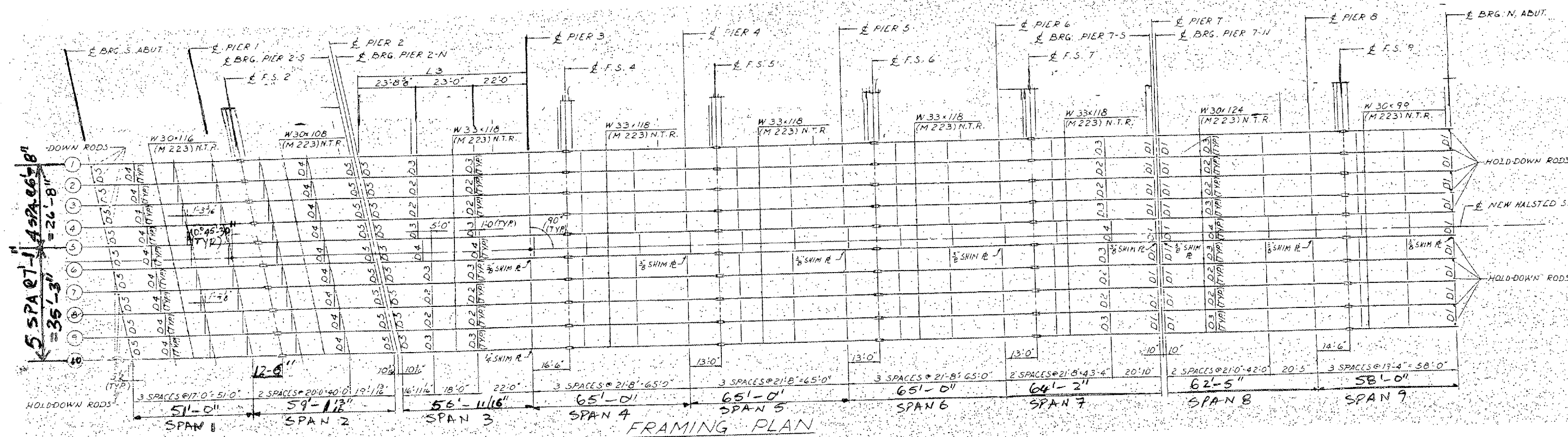
LOCATION NO. 1

EXIST. BRIDGE PLANS
IL 1 OVER CSX RR
SN: 016-0194

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2006-019 BP	COOK	37	8

CONTRACT NO. 60B44

Sh 2 of 2



3/4" HOLDDOWN ROD WITH 1 HEX NUT AND 1STD. WASHER COST TO BE INCIDENTAL AFTER BRIDGE DECK HAS BEEN POURED. CUT OFF RODS FLUSH WITH CONCRETE SURFACE

HOLD-DOWN RODS FOR BEARINGS AT ABUTMENTS

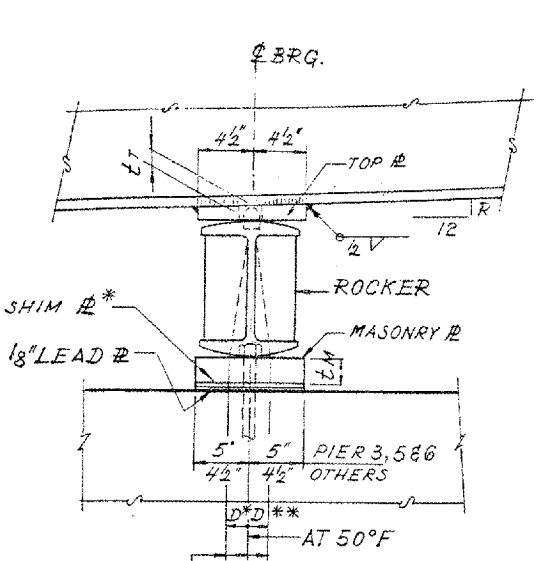
FOR LOCATION OF HOLD-DOWN DEVICE SEE FRAMING PLAN

LOCATION NO.1

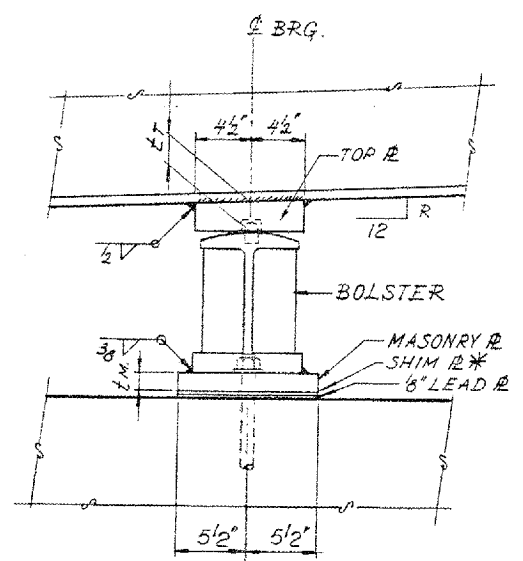
EXIST. BRIDGE PLANS
IL 1 OVER CSX RR
SN. 016 0104

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2006-019 BP	COOK	37	8A

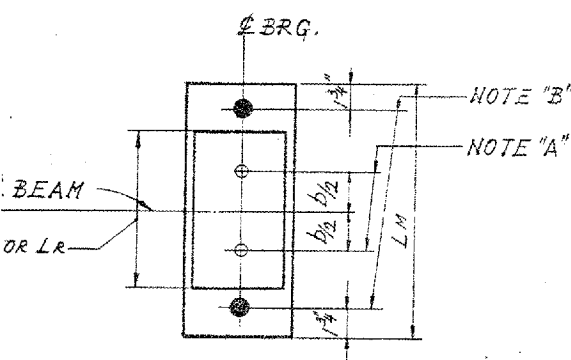
CONTRACT NO. 60B44



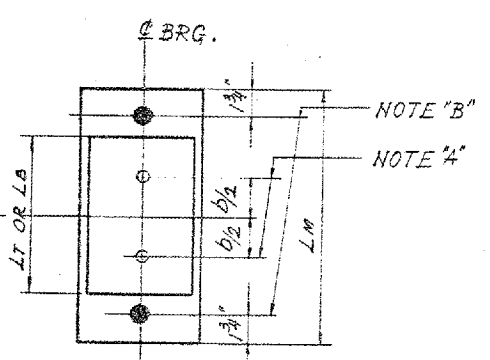
EXPANSION BEARING



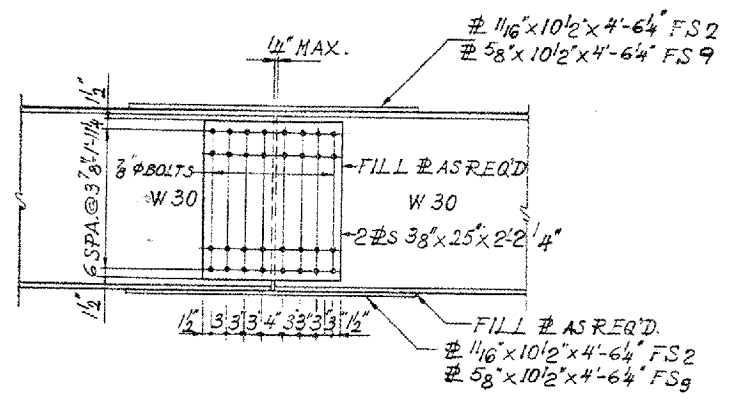
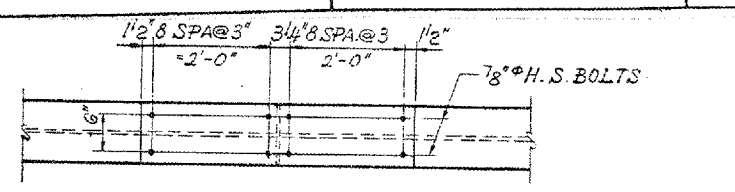
FIXED BEARING



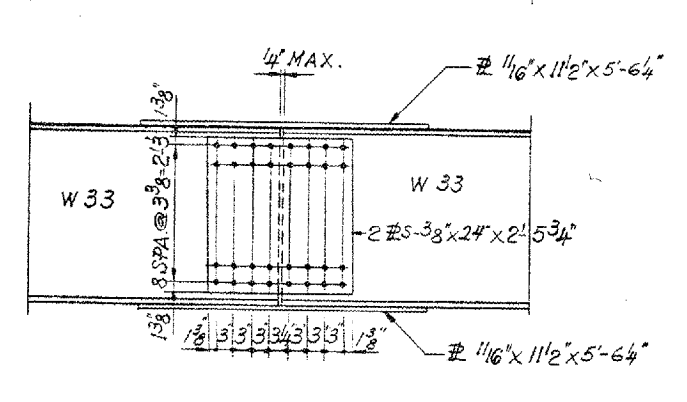
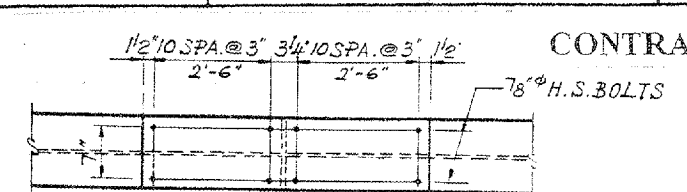
EXPANSION BEARING



FIXED BEARING

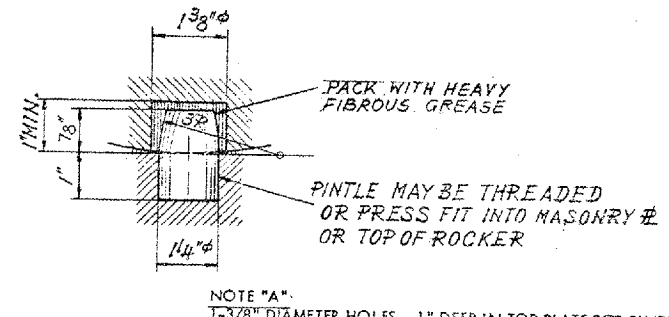
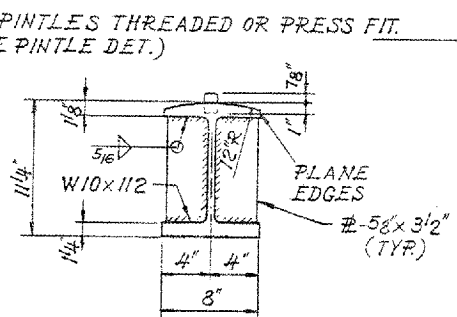
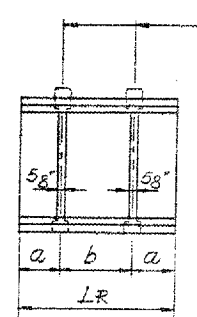
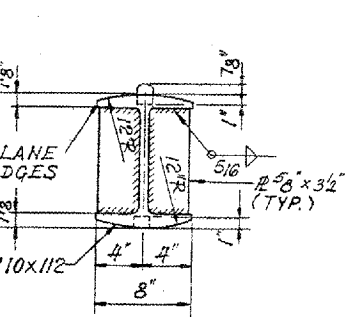


FIELD SPLICES FOR W30 BEAMS (FS2 & FS9)



FIELD SPLICES FOR W33 BEAMS (FS4, FS5, FS6 & FS7)

SPLICE MATERIAL TO CONFORM TO AASHTO SPECIFICATIONS M 223 N. T. R.



EXPANSION BEARINGS

FIXED BEARINGS

LOCATION	TOP PLATE			ROCKER		MASONRY PLATE	
	LT	LT	R	Lr	a	b	LM
ABUTMENT, PIER 2-S, PIER 7-N & N. ABUT.	14"	11 1/2"	12"	11 1/2"	3"	5 1/2"	19"
PIER 2-N & PIER 7-S	13 1/8"	12 1/2"	-	12 1/2"	3"	6 1/2"	20"
PIER 3, PIER 5 & PIER 6	2"	12 1/2"	-	12 1/2"	3"	6 1/2"	20"

LOCATION	TOP PLATE			BOLSTER		MASONRY PLATE	
	LT	LT	R	Ls	a	b	LM
PIER 1, PIER 8	13 1/4"	11 1/2"	12"	11 1/2"	3"	5 1/2"	19"
PIER 4	2"	12 1/2"	-	12 1/2"	3"	6 1/2"	20"

NOTE "A": 1-3/8" DIAMETER HOLES - 1" DEEP IN TOP PLATE FOR PINTLES. THREAD OR PRESS FIT PINTLES INTO BOTTOM PLATE.

NOTE "B": 1 1/2" DIAMETER HOLES FOR 1-1/4" DIAMETER X 17" ANCHOR BOLTS. 3/8" X 3" X 3" PLATE WASHERS UNDER NUT.

NOTES ON SETTING OF ANCHOR BOLTS AT EXPANSION BEARINGS

D* (SIDE OF BEARING AWAY FROM FIXED BEARING)
D* = 1/8" PER EACH 100' OF EXPANSION FOR EVERY 15° FALL BELOW THE NORMAL TEMP. OF 50° F.

D** (SIDE OF BEARING TOWARD FIXED BEARING)
D** = 1/8" PER EACH 100' OF EXPANSION FOR EVERY 15° RISE ABOVE THE NORMAL TEMP. OF 50° F.

AFTER BEAMS HAVE BEEN ERECTED AND DIMENSIONS D* OR D** DETERMINED, HOLES SHALL BE DRILLED AND ANCHOR BOLTS SHALL BE GROUTED IN PLACE. ALL FIXED ANCHOR BOLTS MAY BE BUILT INTO THE MASONRY.

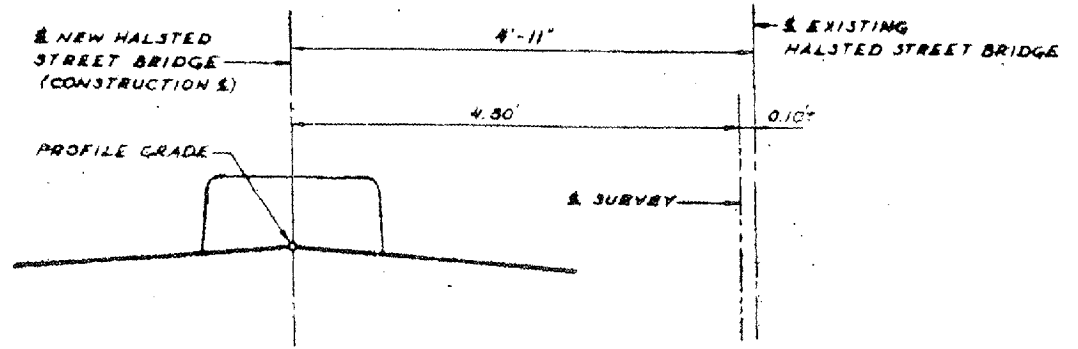
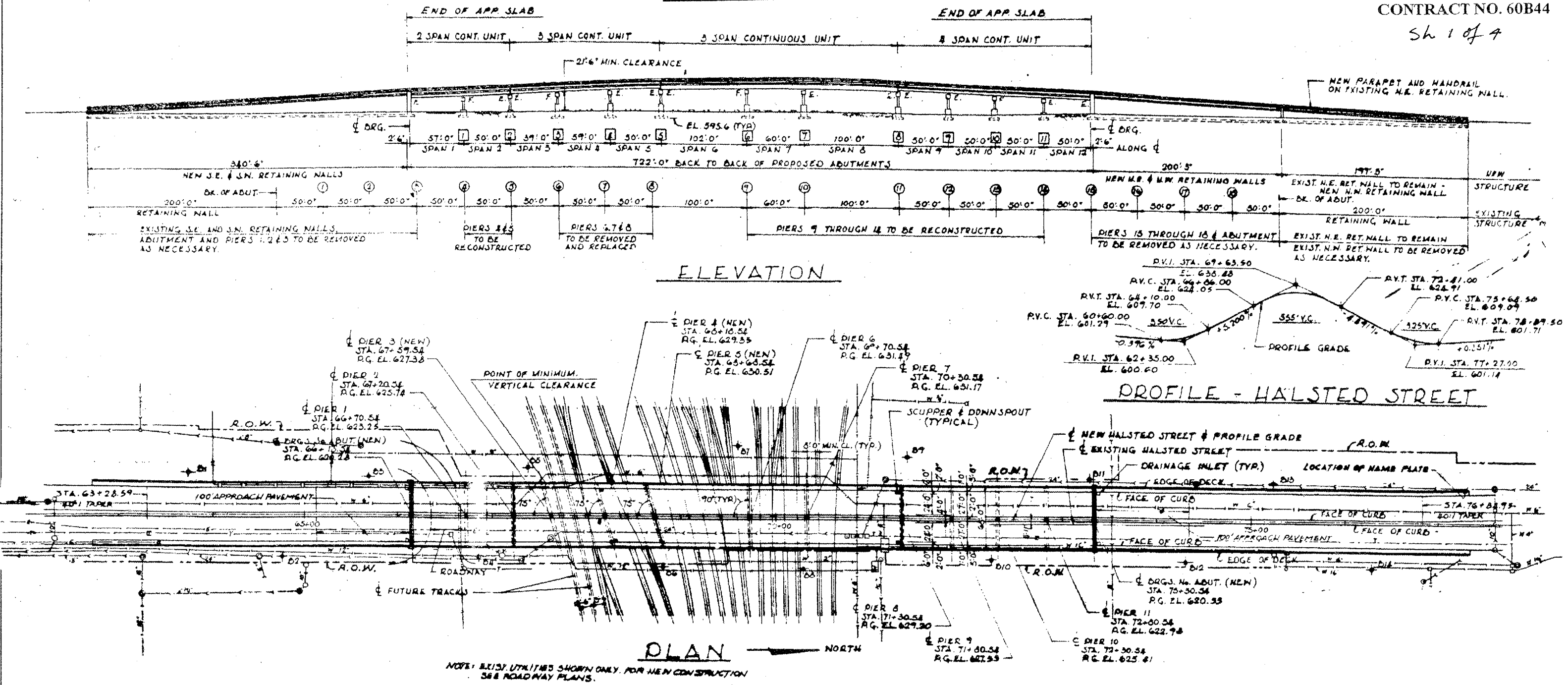
LOCATION NO. 1

EXIST. BRIDGE PLANS
IL 1 OVER CSX RR
SN: 016-0194

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2006-019 BP	COOK	37	9

CONTRACT NO. 60B44

Sh 1 of 4



LOCATION NO.2

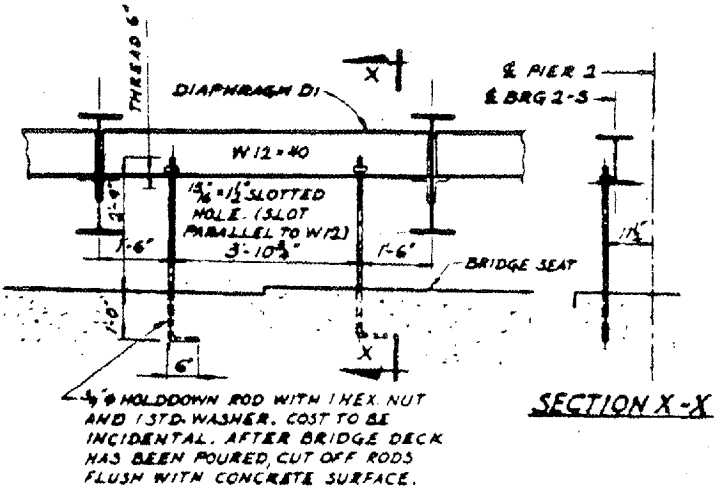
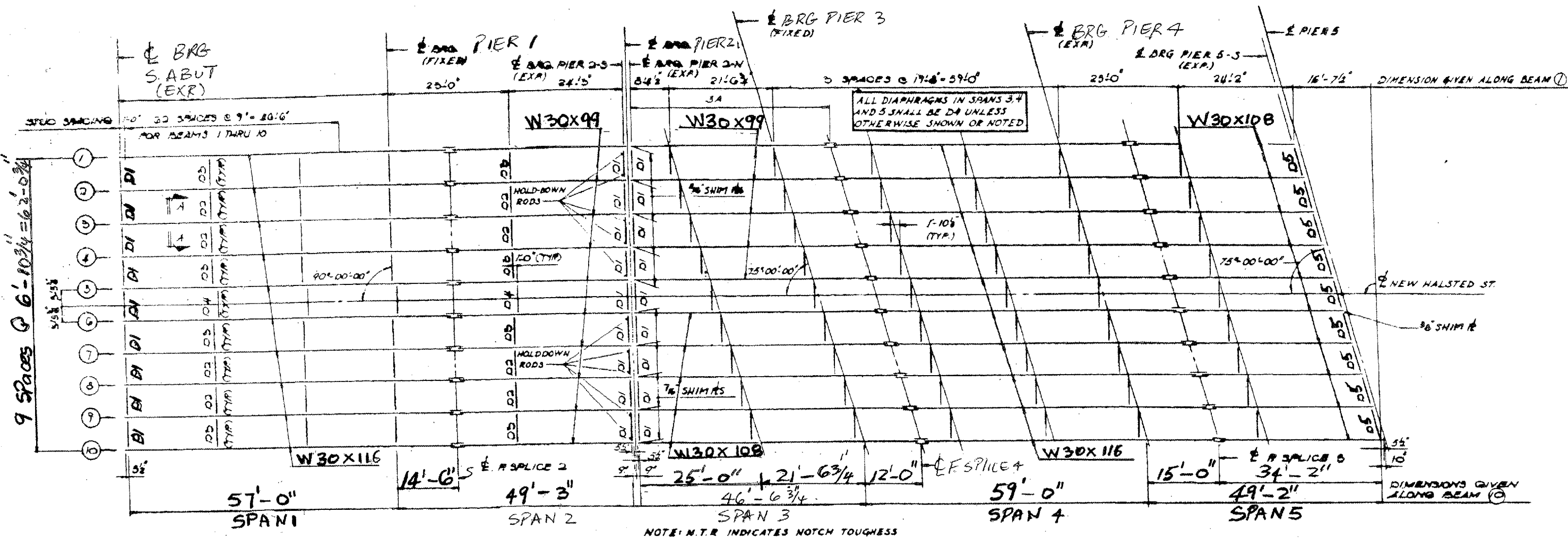
EXIST. BRIDGE PLANS

IL 1 OVER IHB RR

SN: 016-0195

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2006-019 BP	COOK	37	10

CONTRACT NO. 60B44
Sh 2 of 4



HOLD-DOWN RODS FOR BEARING LINE 2-5

FRAMING PLAN
SPANS 1 THRU 5

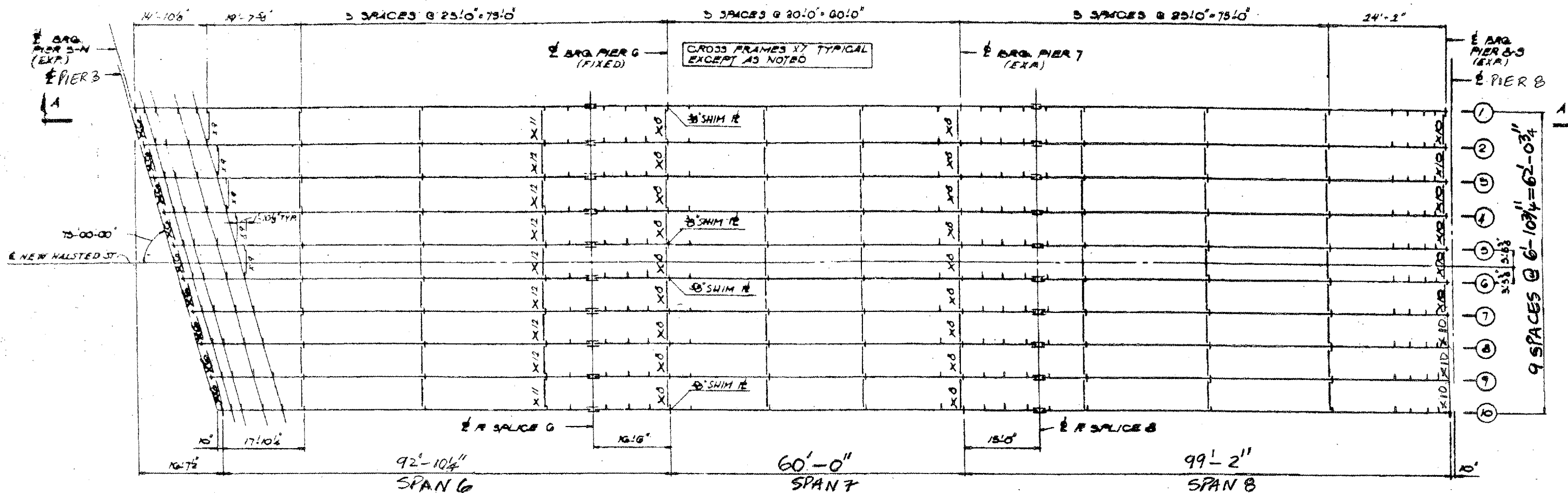


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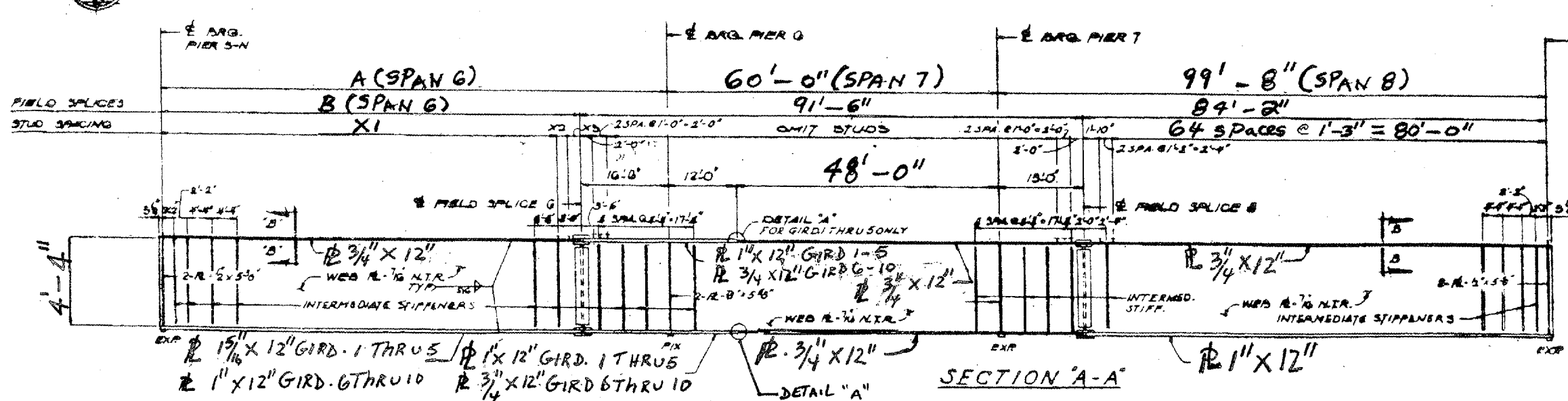
EXIST. BRIDGE PLANS
IL 1 OVER IHB RR
SN. 016-0105

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2006-019 BP	COOK	37	11

CONTRACT NO. 60B44
Sh 3 of 4



FRAMING PLAN
SPANS G, 7 & 8

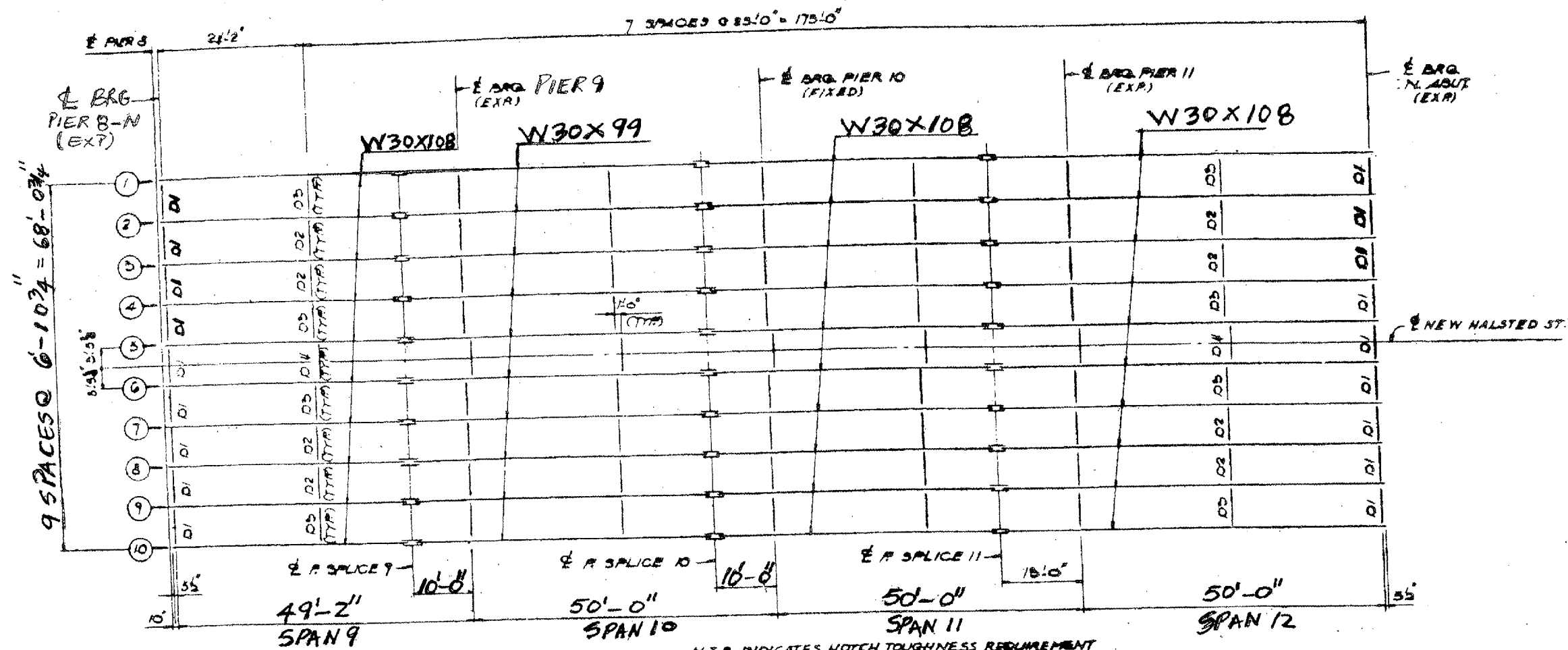


LOCATION NO.2
EXIST. BRIDGE PLANS
IL 1 OVER IHB RR
SN: 016-0195

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2006-019 BP	COOK	37	12

CONTRACT NO. 60B44

Sh 4 of 4



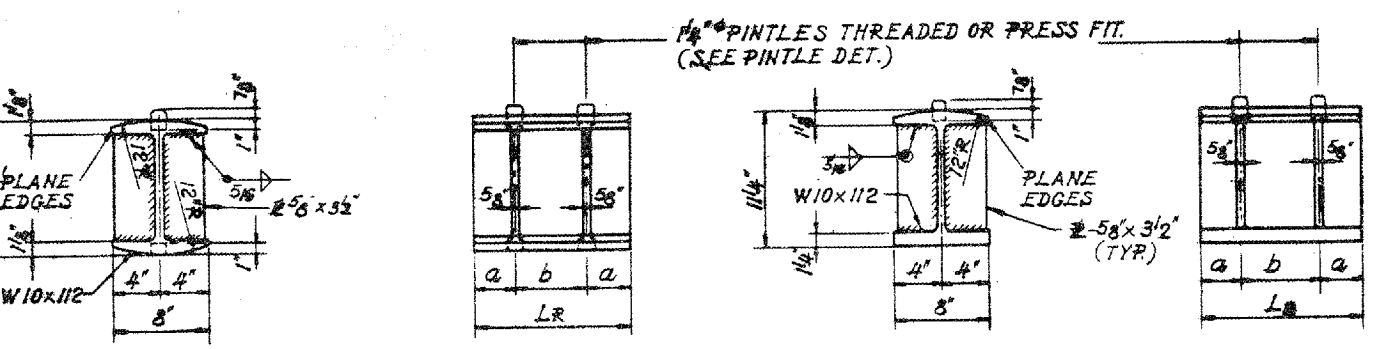
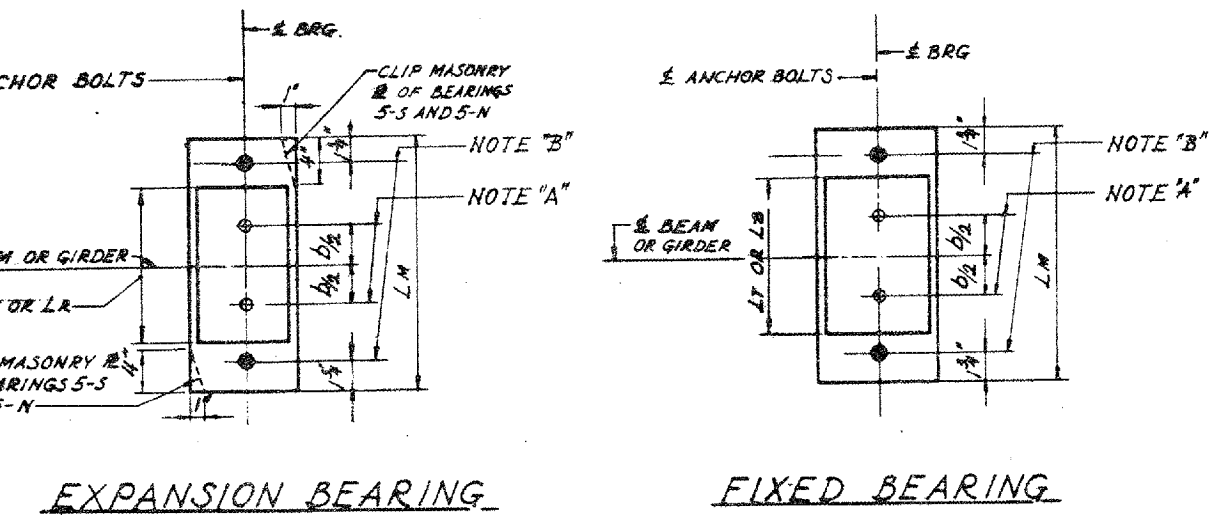
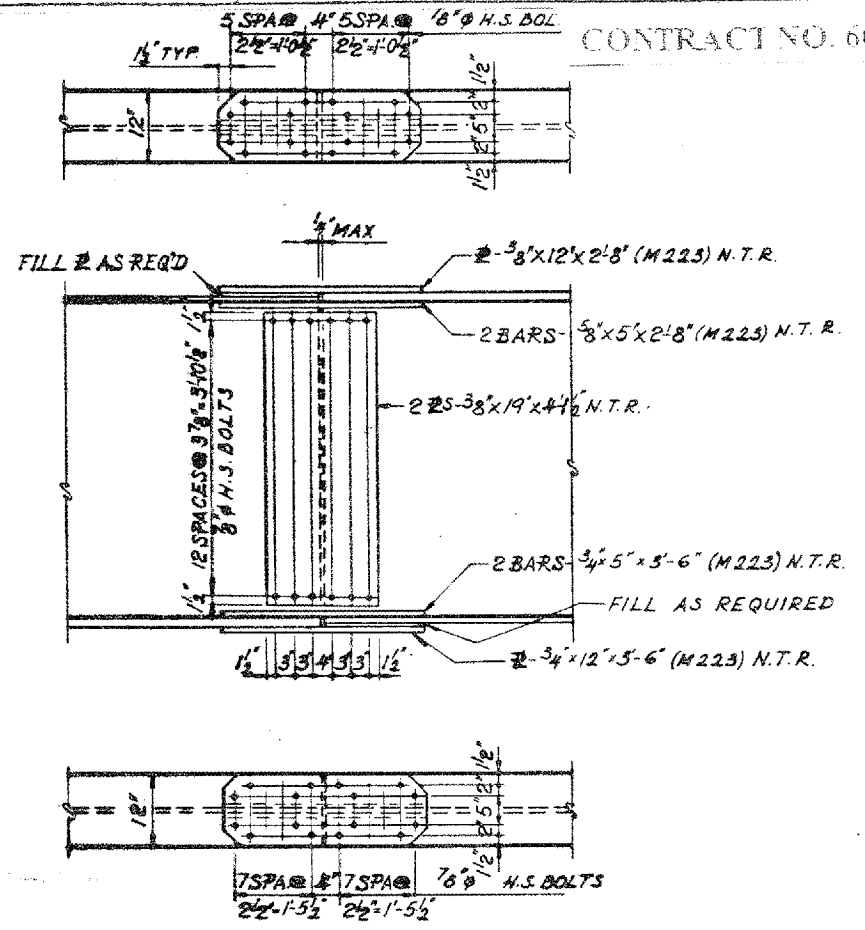
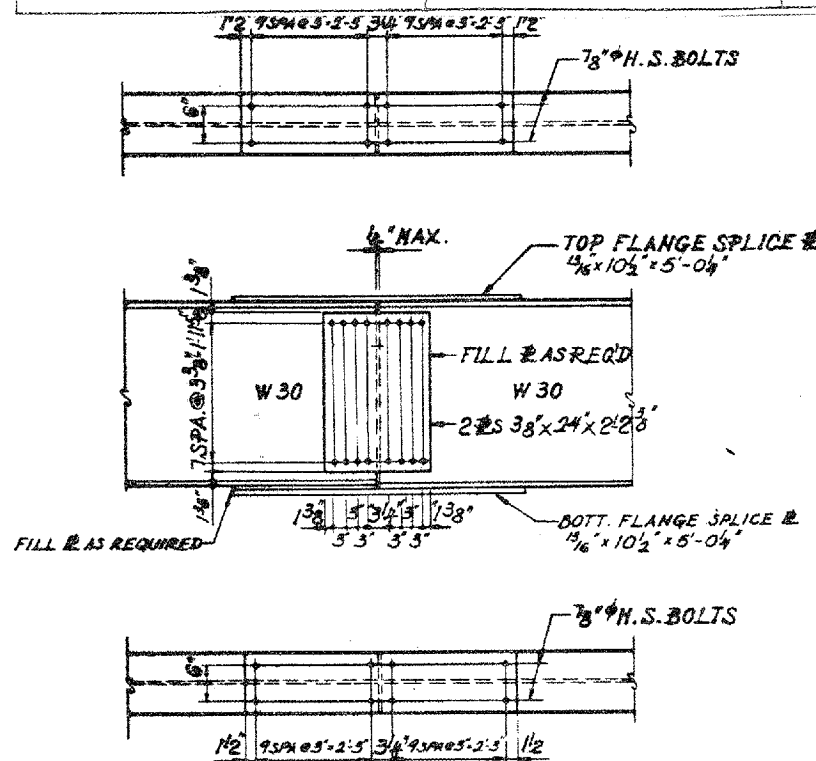
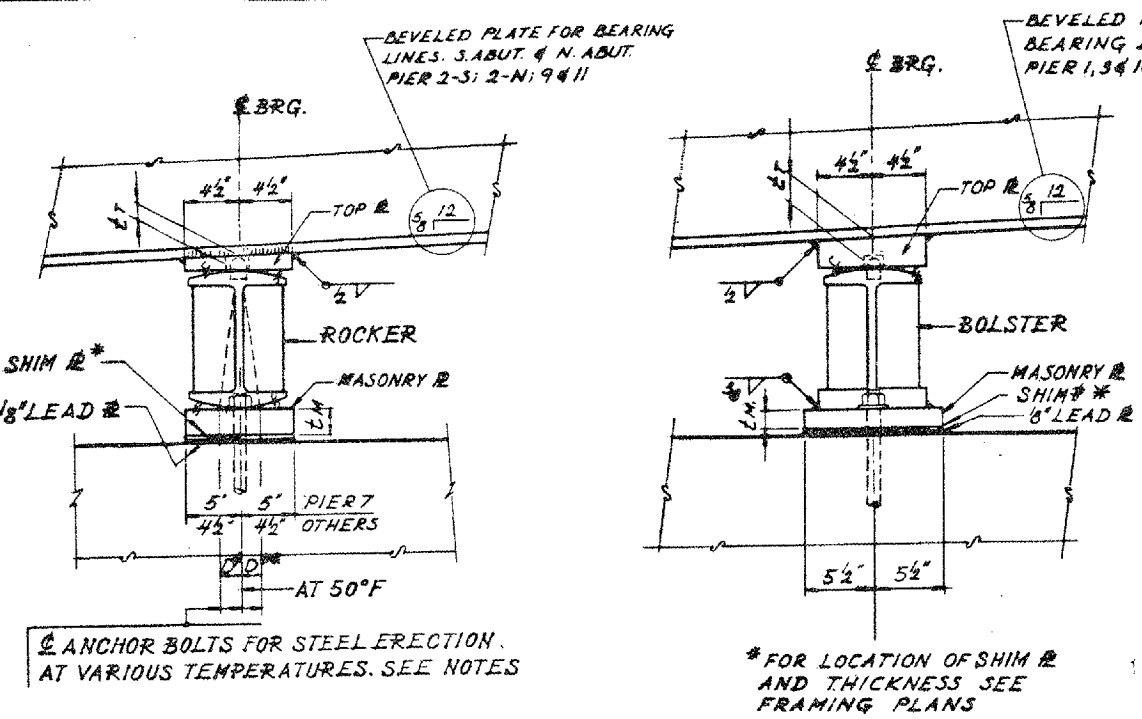
FRAMING PLAN
SPANS 9 THRU 12



LOCATION NO.2
EXIST. BRIDGE PLANS
IL 1 OVER IHB RR
SN: 016-0195

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2006-019 BP	COOK	37	12 A

CONTRACT NO. 60B44



NOTE "A":
1-3/8" DIAMETER HOLES - 1" DEEP IN TOP PLATE FOR PINTLES. THREAD OR PRESS FIT PINTLES INTO BOTTOM PLATE.

NOTE "B":
2" DIAMETER HOLES FOR 1-1/4" DIAMETER X 17" ANCHOR BOLTS. 3/8" X 3" X 3" PLATE WASHERS UNDER NUT.

NOTES ON SETTING OF ANCHOR BOLTS AT EXPANSION BEARINGS

D° (SIDE OF BEARING AWAY FROM FIXED BEARING)
D° = 1/8" PER EACH 100' OF EXPANSION FOR EVERY 15° FALL BELOW THE NORMAL TEMP. OF 50° F.

D** (SIDE OF BEARING TOWARD FIXED BEARING)
D** = 1/8" PER EACH 100' OF EXPANSION FOR EVERY 15° RISE ABOVE THE NORMAL TEMP. OF 50° F.

AFTER BEAMS HAVE BEEN ERECTED AND DIMENSIONS D° OR D** DETERMINED, HOLES SHALL BE DRILLED AND ANCHOR BOLTS SHALL BE GROUTED IN PLACE. ALL FIXED ANCHOR BOLTS MAY BE BUILT INTO THE MASONRY.

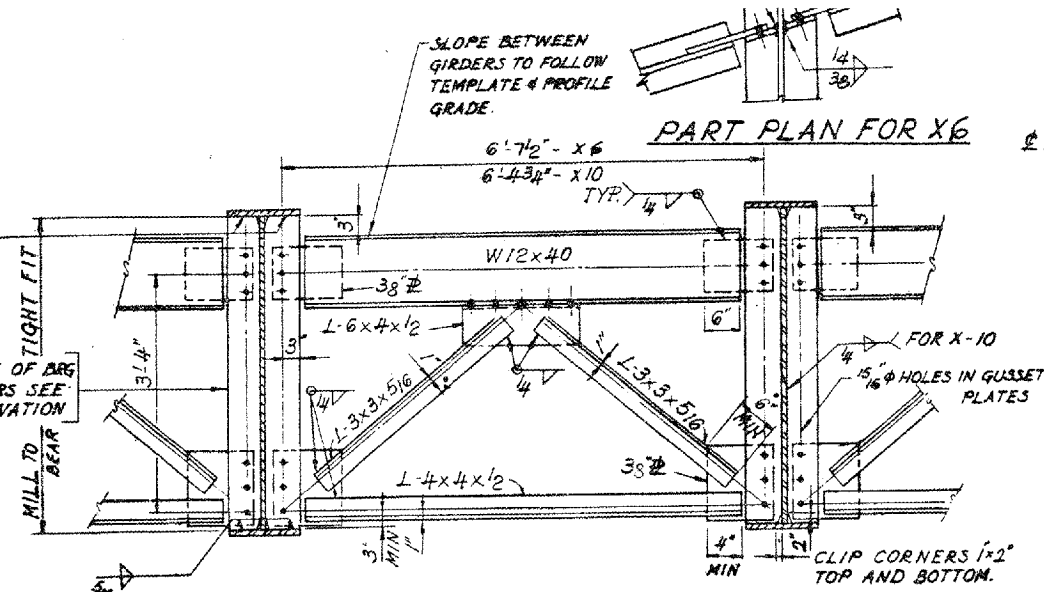
LOCATION	TOP PLATE		ROCKER		MASONRY PLATE		
	LT	LR	a	b	LM	LN	
ABUTMENT & N. ABUTMENT	1'	11 1/2"	11 1/2"	3"	5 1/2"	13 1/4"	19"
2-S-SP2, PIER 3N-SP-5	1 3/8"	11 1/2"	11 1/2"	3"	5 1/2"	13 1/4"	19"
5-S-SP5, PIER 8N-SP-9	1 3/8"	11 1/2"	11 1/2"	3"	5 1/2"	13 1/4"	19"
4, PIER 9 & PIER 11	1 3/8"	11 1/2"	11 1/2"	3"	5 1/2"	13 1/4"	19"
5-N-SPAN 6	1'	13 1/2"	13 1/2"	3 1/2"	6 1/2"	13 1/4"	21"
8-S-SPAN 8	1'	13 1/2"	13 1/2"	3 1/2"	6 1/2"	13 1/4"	21"
9	1'	13 1/2"	13 1/2"	3 1/2"	6 1/2"	13 1/4"	21"

LOCATION	TOP PLATE		BOLSTER		MASONRY PLATE		
	LT	LR	a	b	LM	LN	
PIER 1, PIER 3 & PIER 10	13 1/2"	11 1/2"	11 1/2"	3"	5 1/2"	13 1/4"	19"
PIER 6	2'	14 1/2"	14 1/2"	4"	6 1/2"	17 1/2"	22"

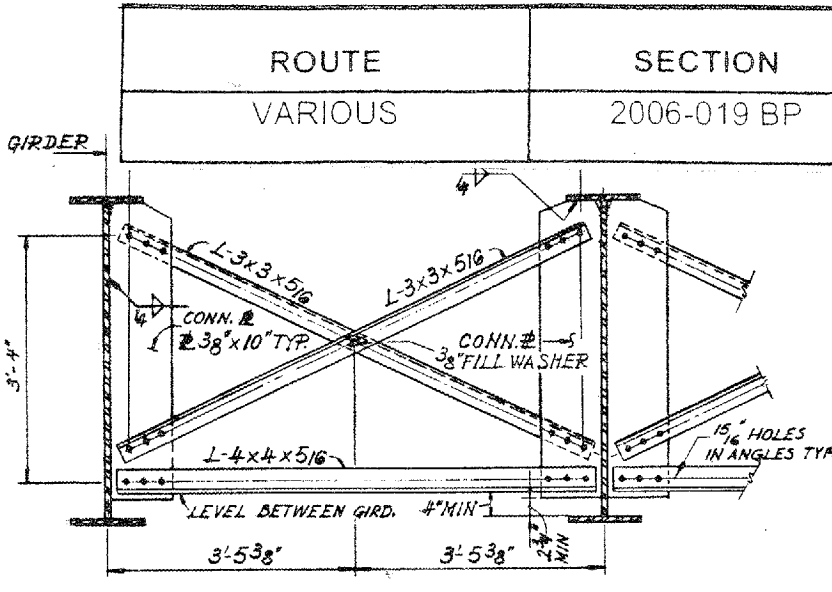
LOCATION NO. 2

EXIST. BRIDGE PLANS
IL 1 OVER IHB RR
SN: 016-0195

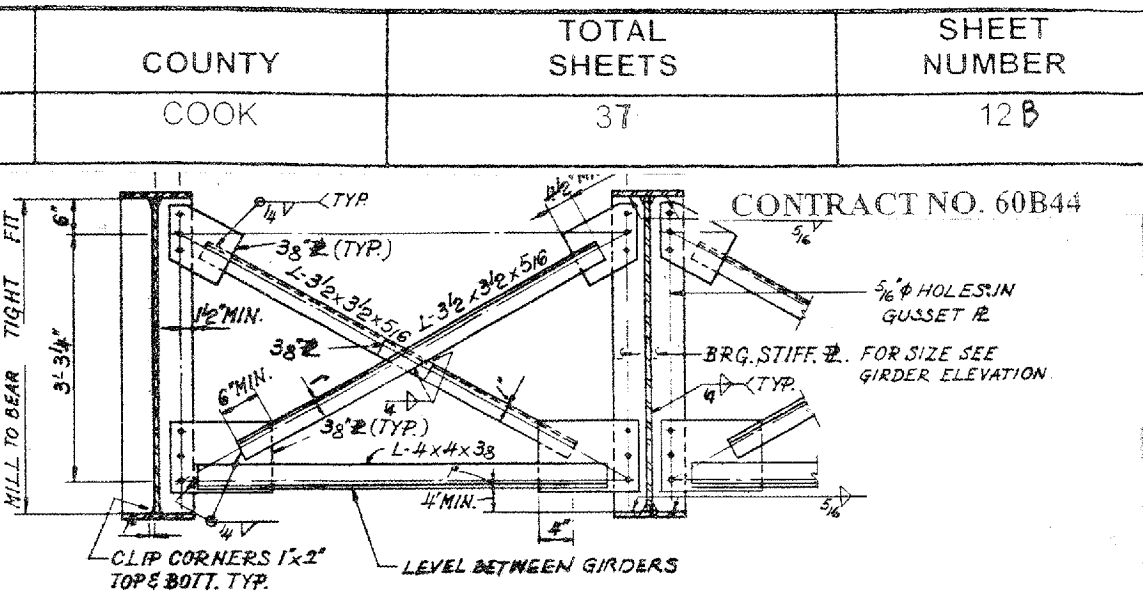
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2006-019 BP	COOK	37	12B



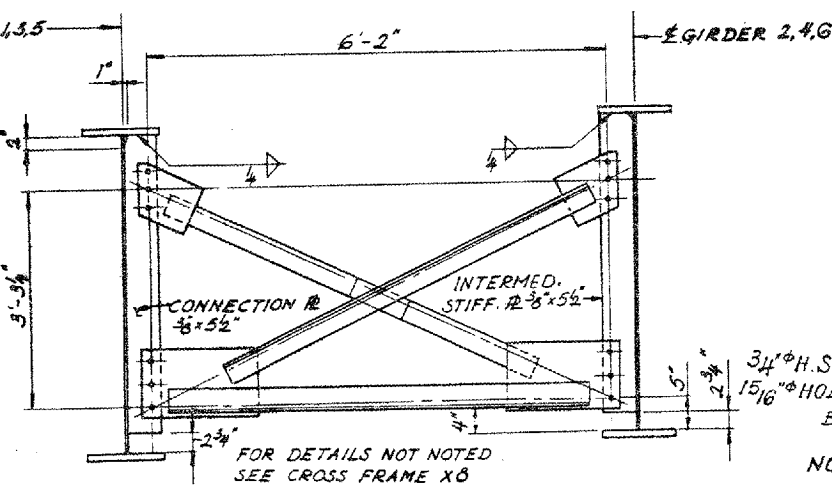
CROSS FRAME X6 OR X10



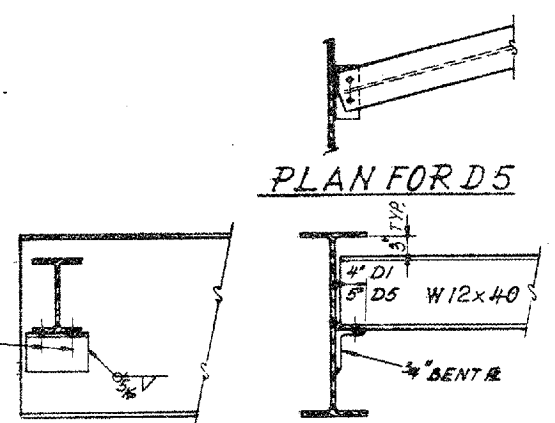
CROSS FRAME X7



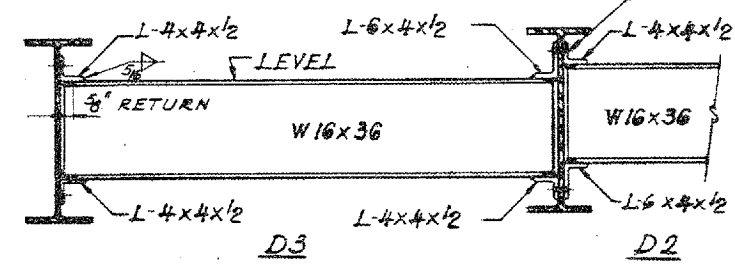
CROSS FRAME X8



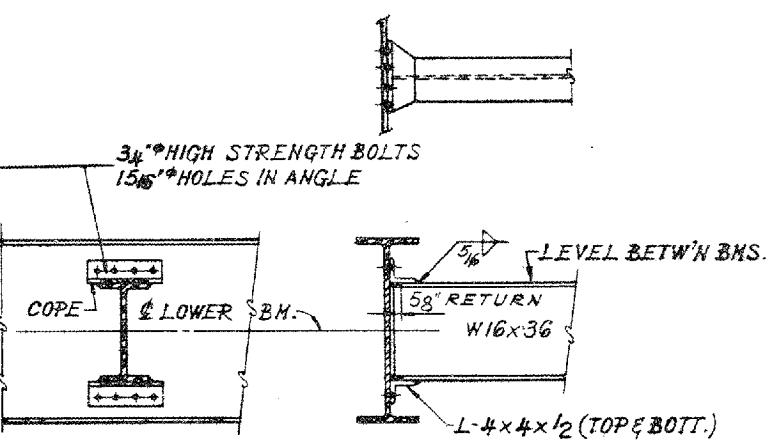
CROSS FRAME X9



DIAPHRAGMS D1 & D5



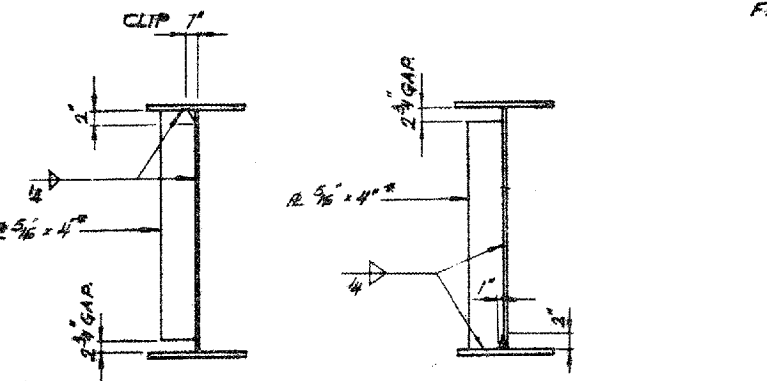
DIAPHRAGMS D2 & D3



DIAPHRAGM D4

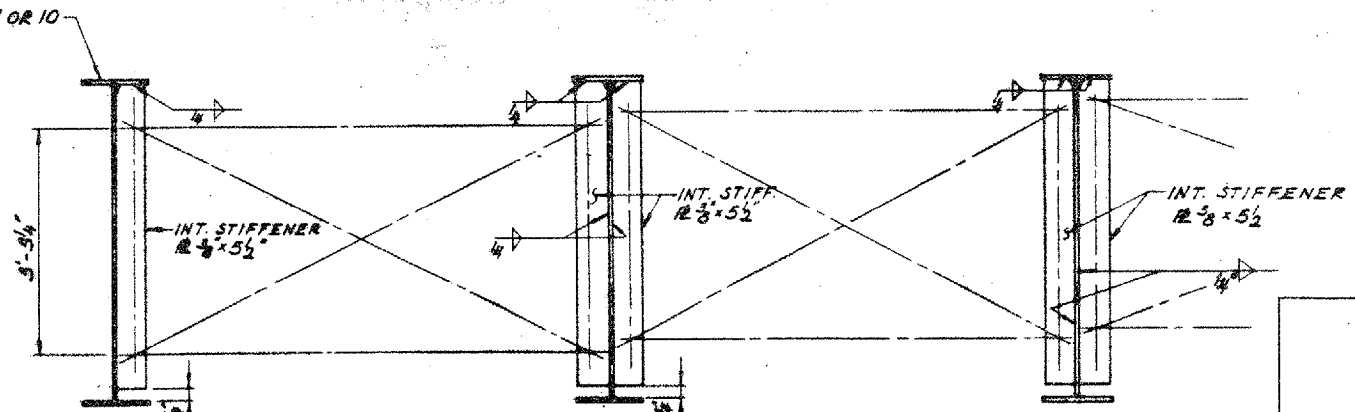
NOTE: FOR LOCATION OF SLOTTED HOLES IN BOTTOM FLANGE OF DIAPHR. D1, BEARING LINE 2-3, SEE FRAMING PLAN

NOTE: HARDENED WASHERS SHALL BE USED OVER 15/16" DIAMETER HOLES IN GUSSET PLATES AND ANGLES.



INTERMEDIATE STIFFENER

*TYPICAL INTERMEDIATE STIFFENER UNLESS OTHERWISE NOTED FOR CROSS FRAME X9, X11, OR X12



CROSS FRAME X11 CROSS FRAME X12

FOR DETAILS NOT SHOWN OR NOTED SEE CROSS FRAMES X-6 AND X-9

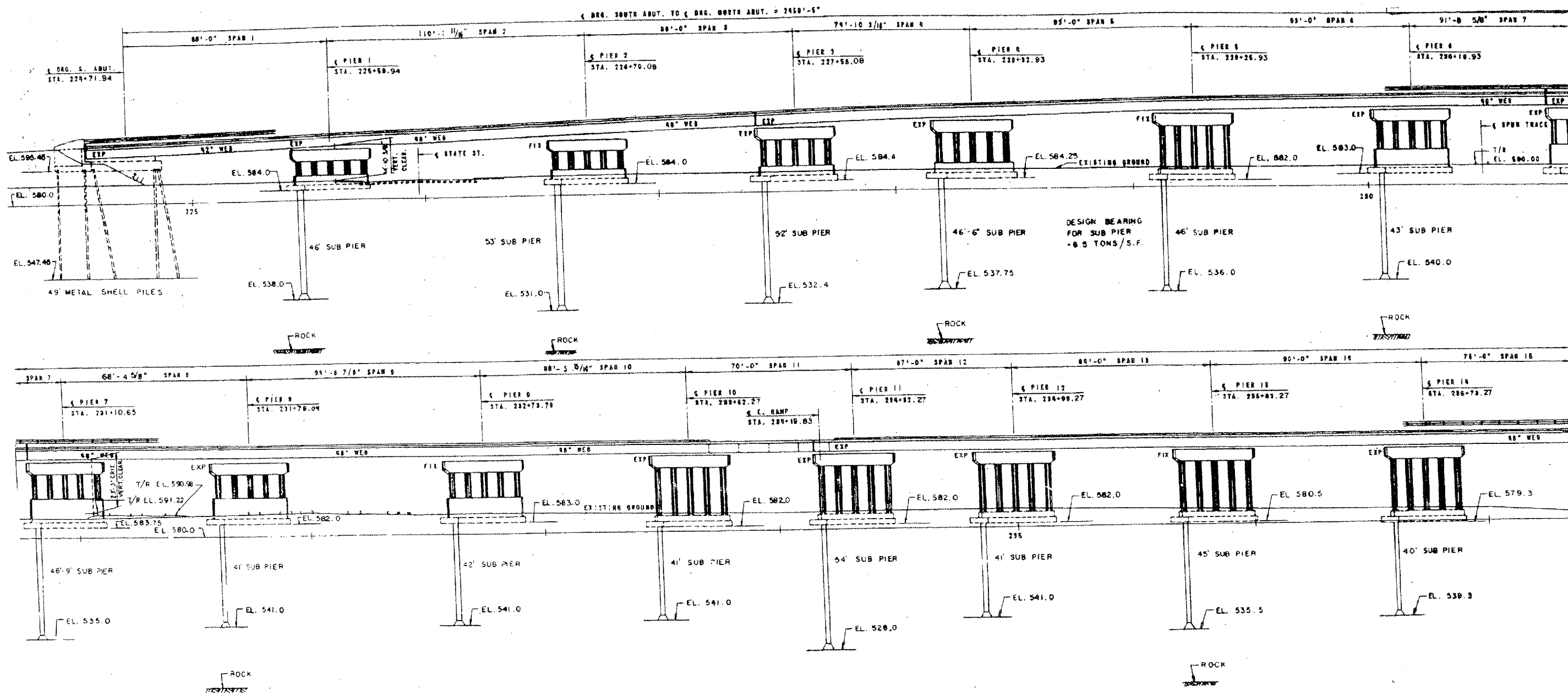
LOCATION NO. 2

EXIST. BRIDGE PLANS
IL 1 OVER IHB RR
SN: 016-0195

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2006-019 BP	COOK	37	13

CONTRACT NO. 60B44

Sheet 1 of 23



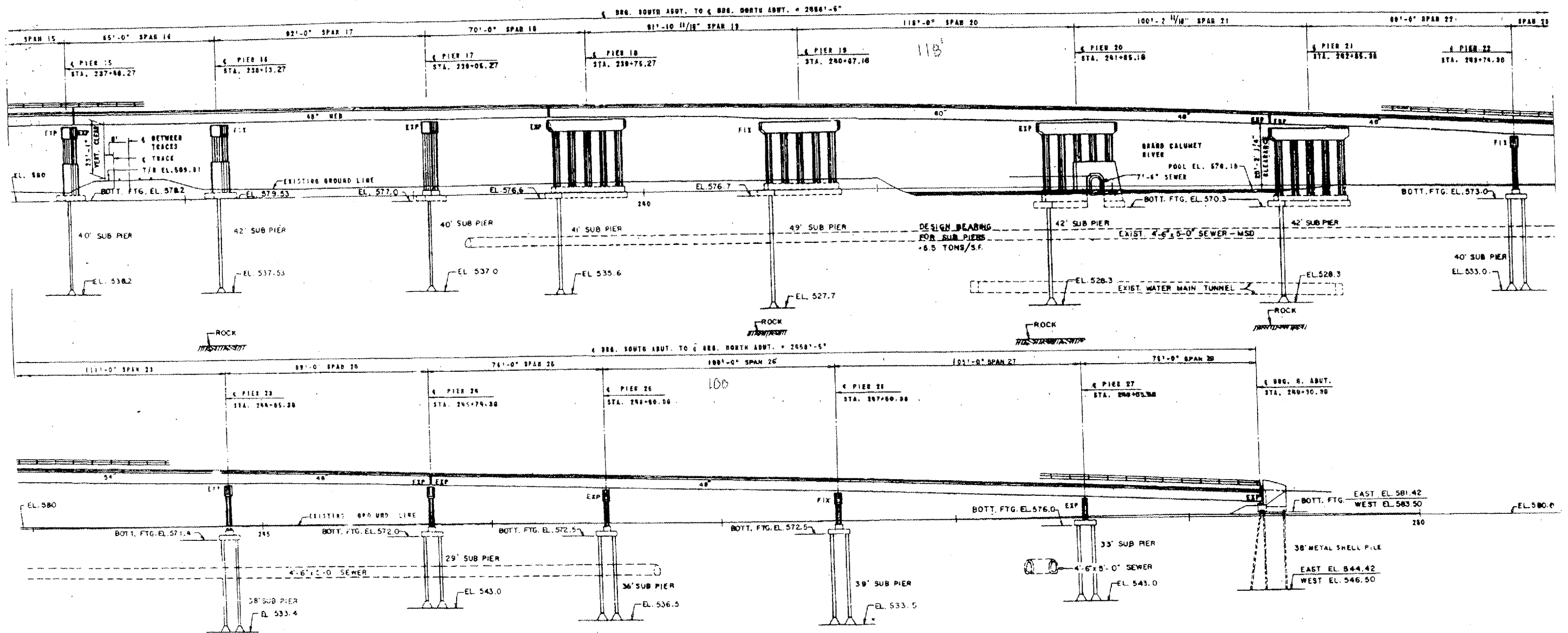
FOR
INFORMATION
ONLY

LOCATION NO.3
EXIST. BRIDGE PLANS
BURNHAM AVE VIADUCT
SN: 016-0806

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2006-019 BP	COOK	37	14

CONTRACT NO. 60B44

Sheet 2 of 3



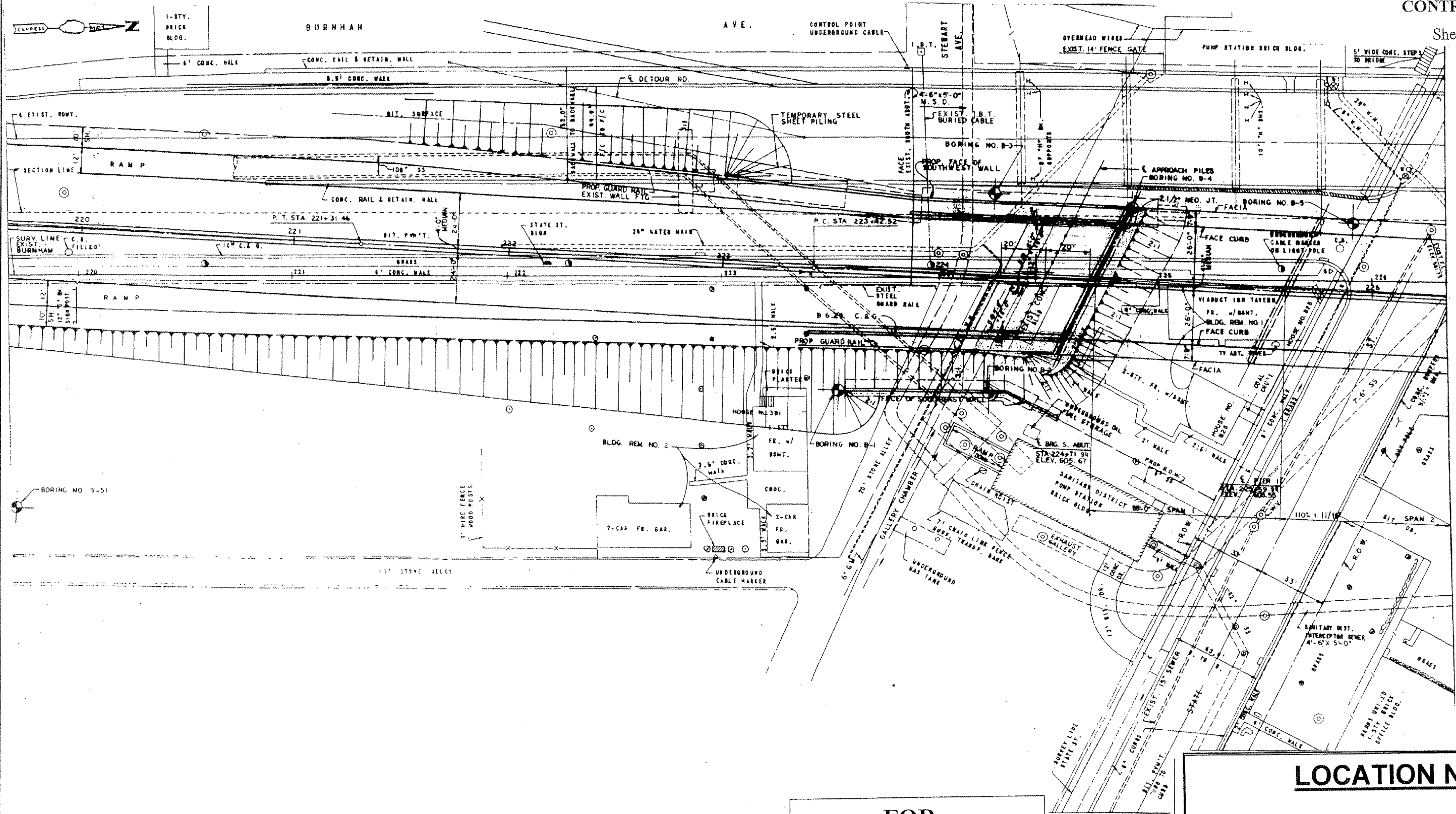
FOR
INFORMATION
ONLY

LOCATION NO.3
EXIST. BRIDGE PLANS
BURNHAM AVE VIADUCT
SN: 016-0806

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2006-019 BP	COOK	37	15

CONTRACT NO. 60B44

Sheet 3 of 2.3



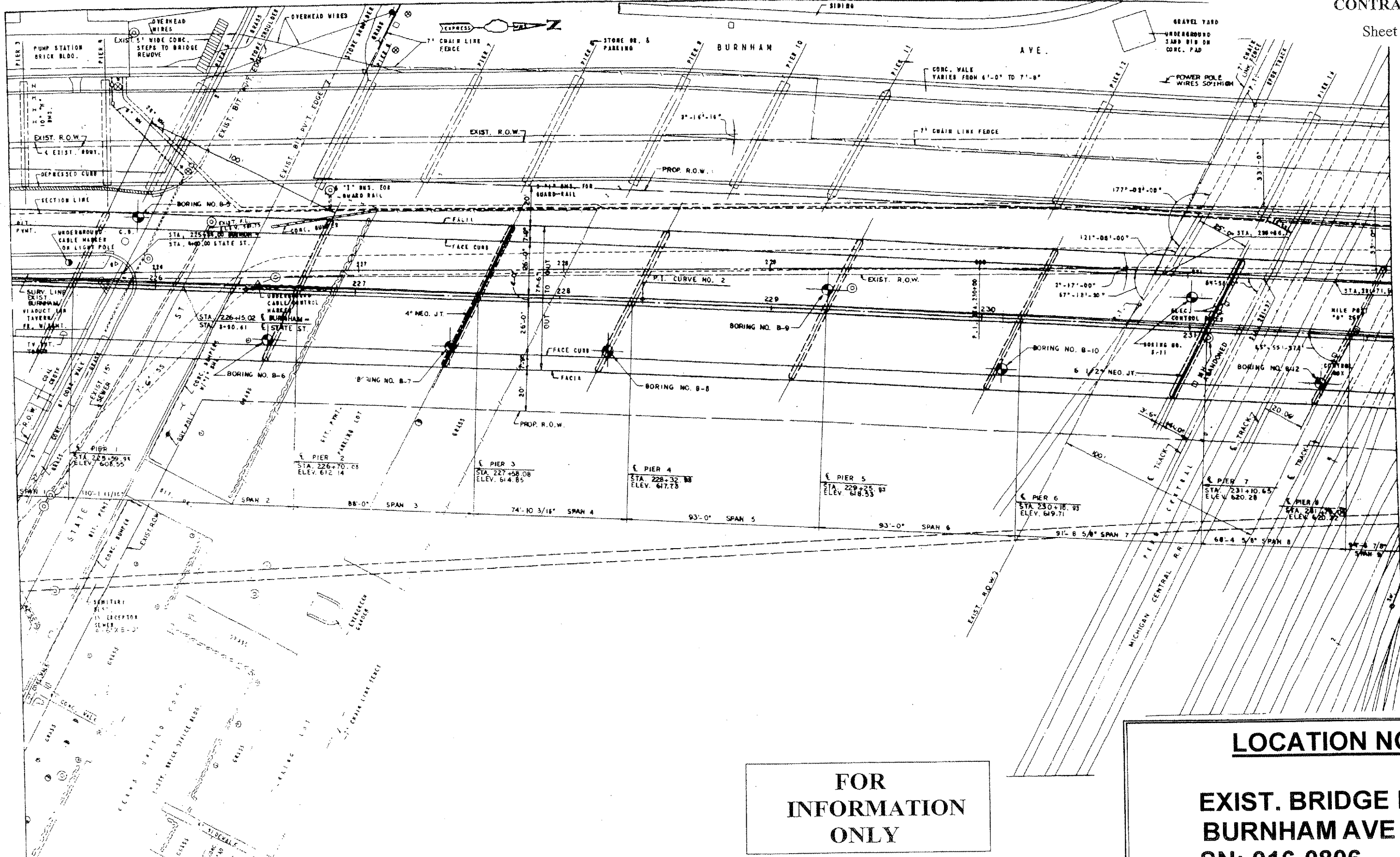
FOR
INFORMATION
ONLY

LOCATION NO.3
EXIST. BRIDGE PLANS
BURNHAM AVE VIADUCT
SN: 016-0806

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2006-019 BP	COOK	37	16

CONTRACT NO. 60B44

Sheet 4 of 23



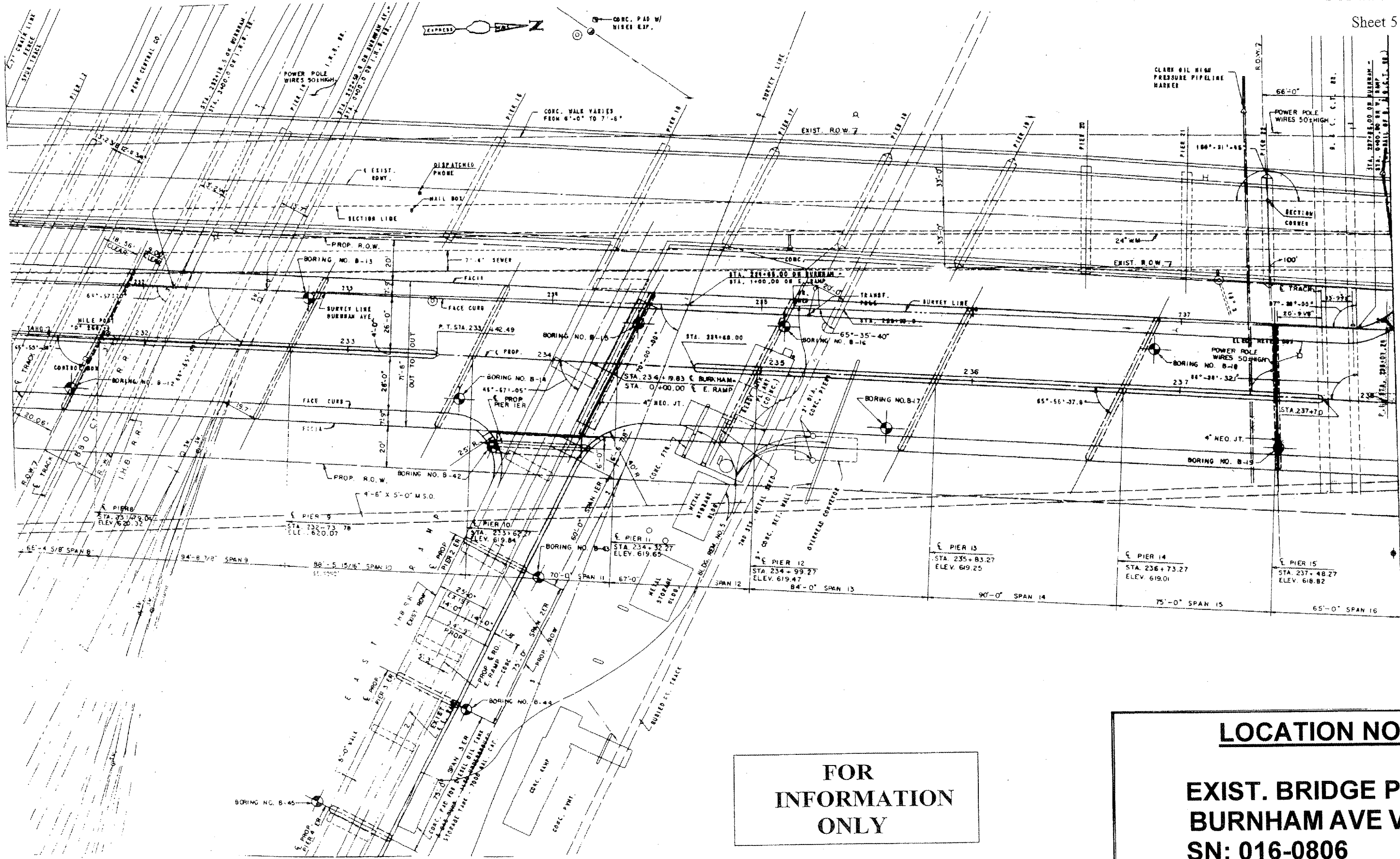
FOR
INFORMATION
ONLY

LOCATION NO.3
EXIST. BRIDGE PLANS
BURNHAM AVE VIADUCT
SN: 016-0806

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2006-019 BP	COOK	37	17

CONTRACT NO. 60B44

Sheet 5 of 23



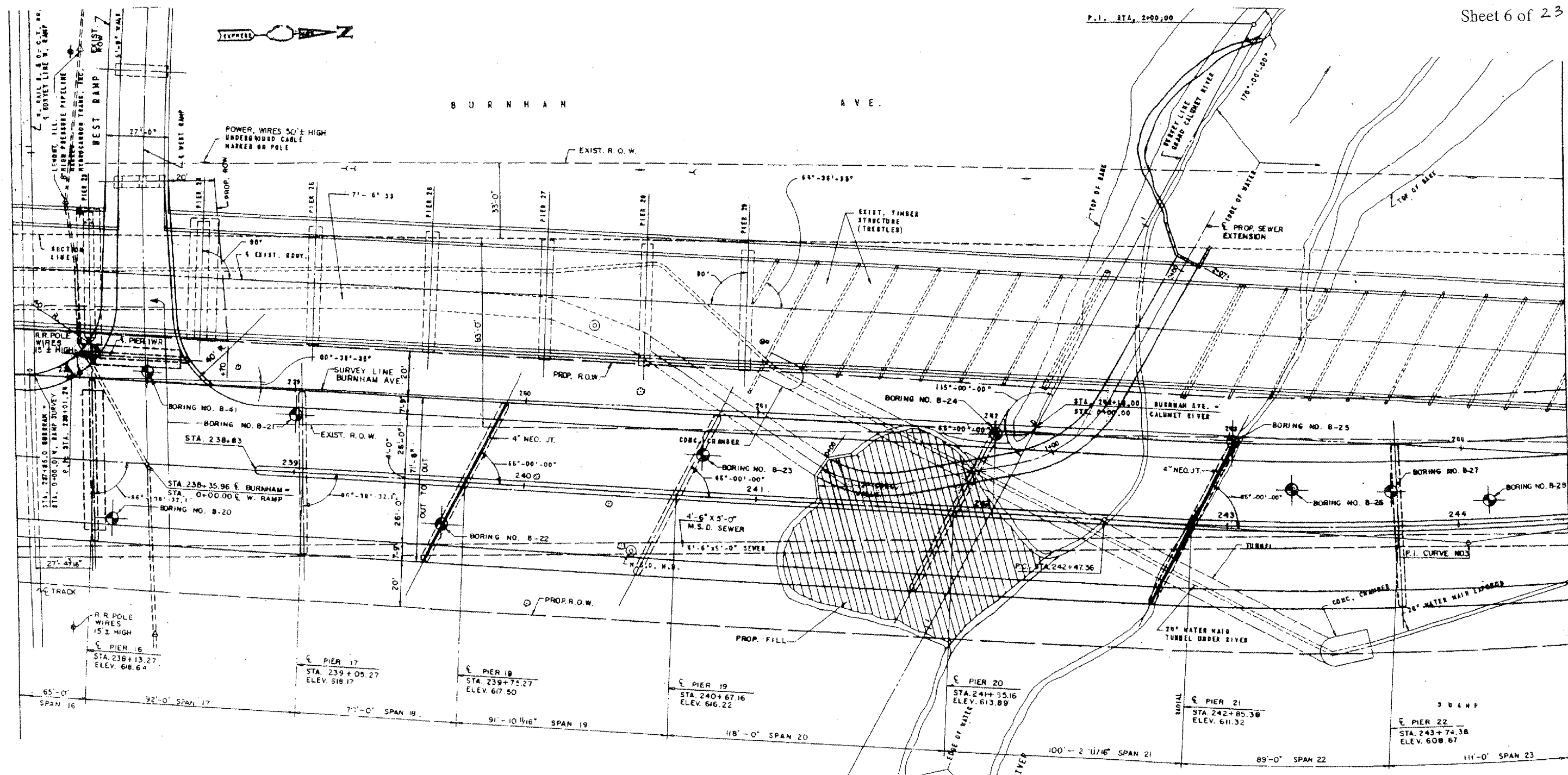
**FOR
INFORMATION
ONLY**

LOCATION NO.3
EXIST. BRIDGE PLANS
BURNHAM AVE VIADUCT
SN: 016-0806

ROUTE VARIOUS	SECTION 2006-019 BP	COUNTY COOK	TOTAL SHEETS 37	SHEET NUMBER 18
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CONTRACT NO. 60B44

Sheet 6 of 23



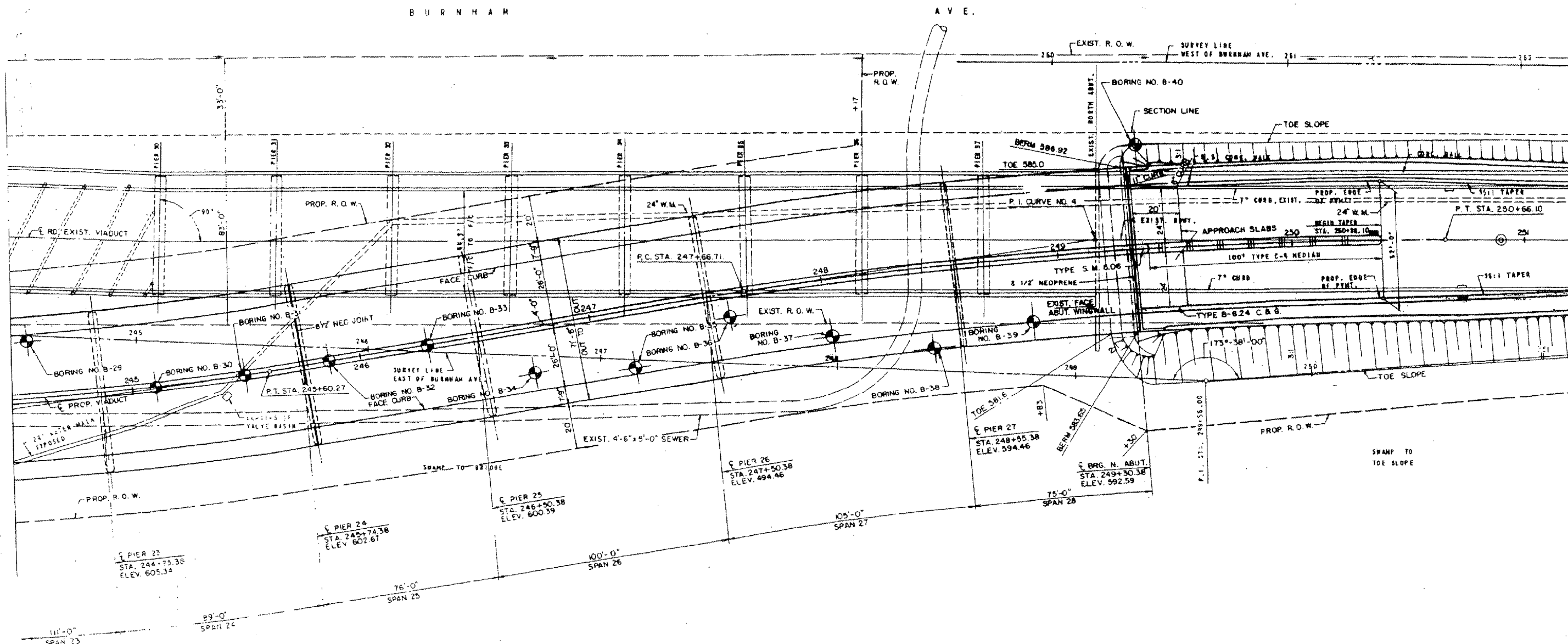
FOR
INFORMATION
ONLY

LOCATION NO.3
EXIST. BRIDGE PLANS
BURNHAM AVE VIADUCT
SN: 016-0806

ROUTE VARIOUS	SECTION 2006-019 BP	COUNTY COOK	TOTAL SHEETS 37	SHEET NUMBER 19
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CONTRACT NO. 60B44

Sheet 7 of 23



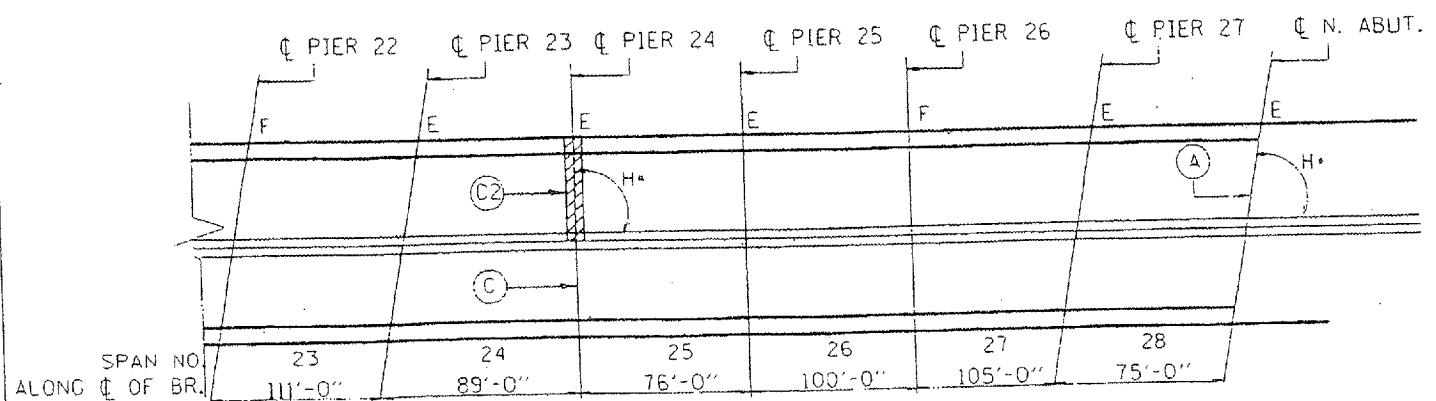
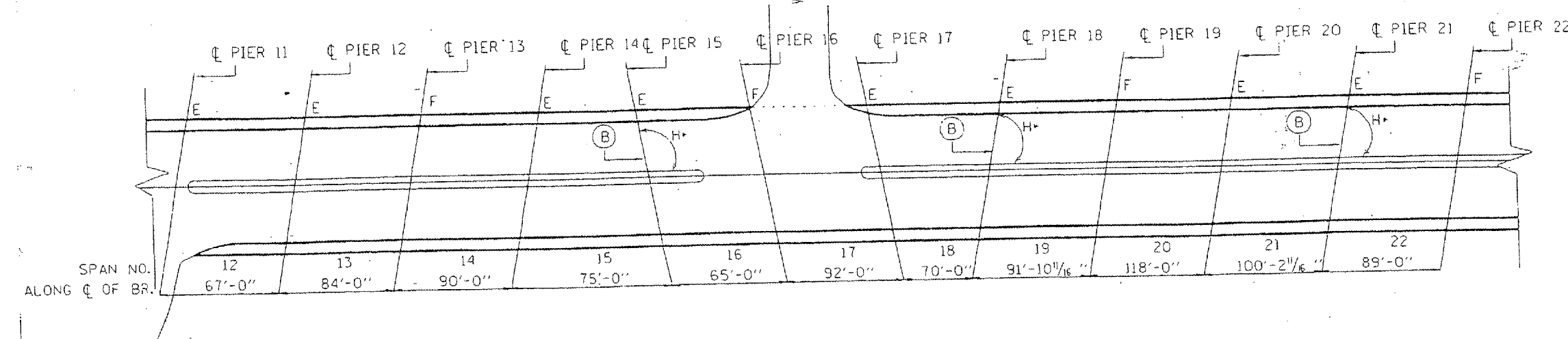
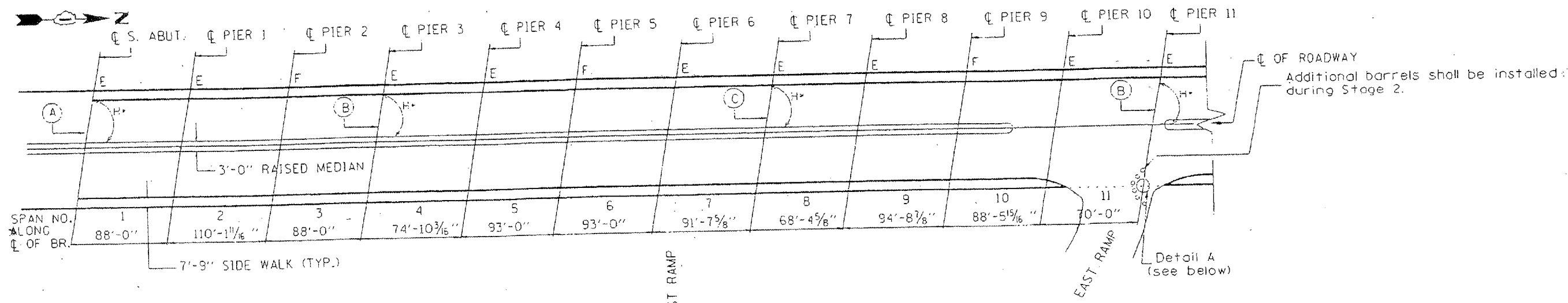
FOR
INFORMATION
ONLY

LOCATION NO.3
EXIST. BRIDGE PLANS
BURNHAM AVE VIADUCT
SN: 016-0806

ROUTE VARIOUS	SECTION 2006-019 BP	COUNTY COOK	TOTAL SHEETS 37	SHEET NUMBER 20
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CONTRACT NO. 60B44

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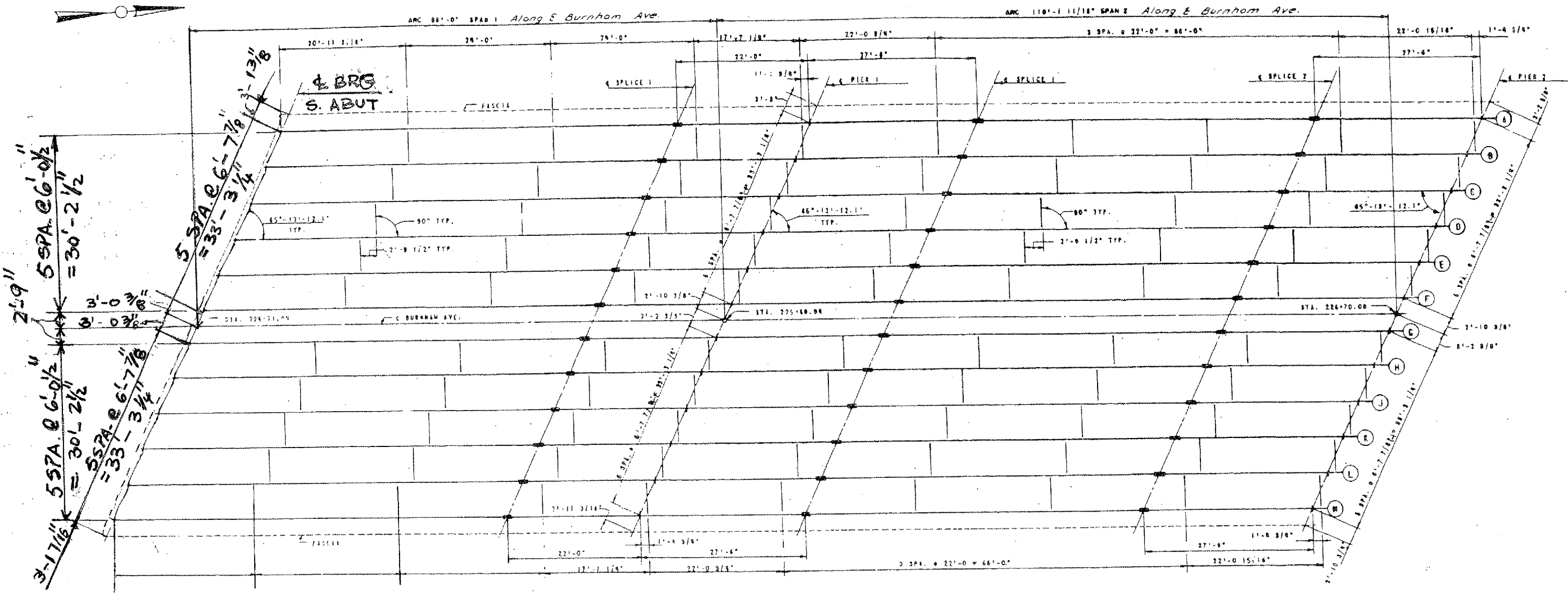
**FOR
INFORMATION
ONLY**

LOCATION NO.3
EXIST. BRIDGE PLANS
BURNHAM AVE VIADUCT
SN: 016-0806

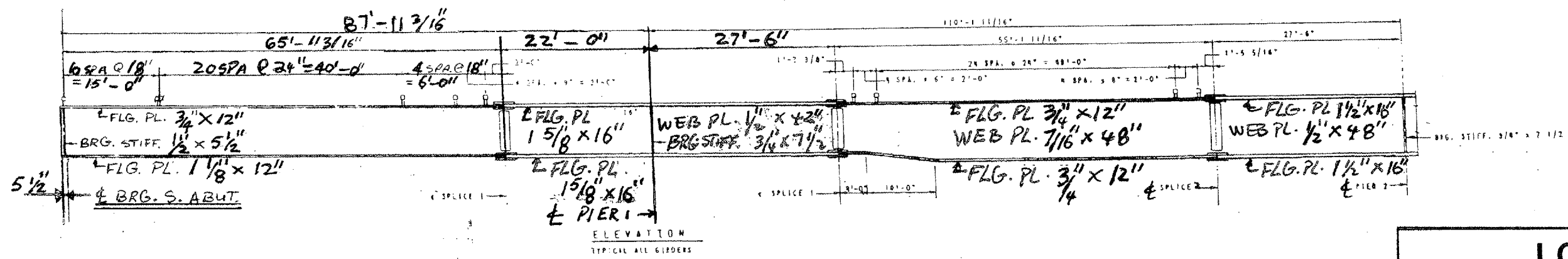
ROUTE VARIOUS	SECTION 2006-019 BP	COUNTY COOK	TOTAL SHEETS 31	SHEET NUMBER 21
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CONTRACT NO. 60B44

Sheet 9 of 23



FRAMING PLAN - SPANS 1 & 2
SCALE: 1/8" = 1'-0"



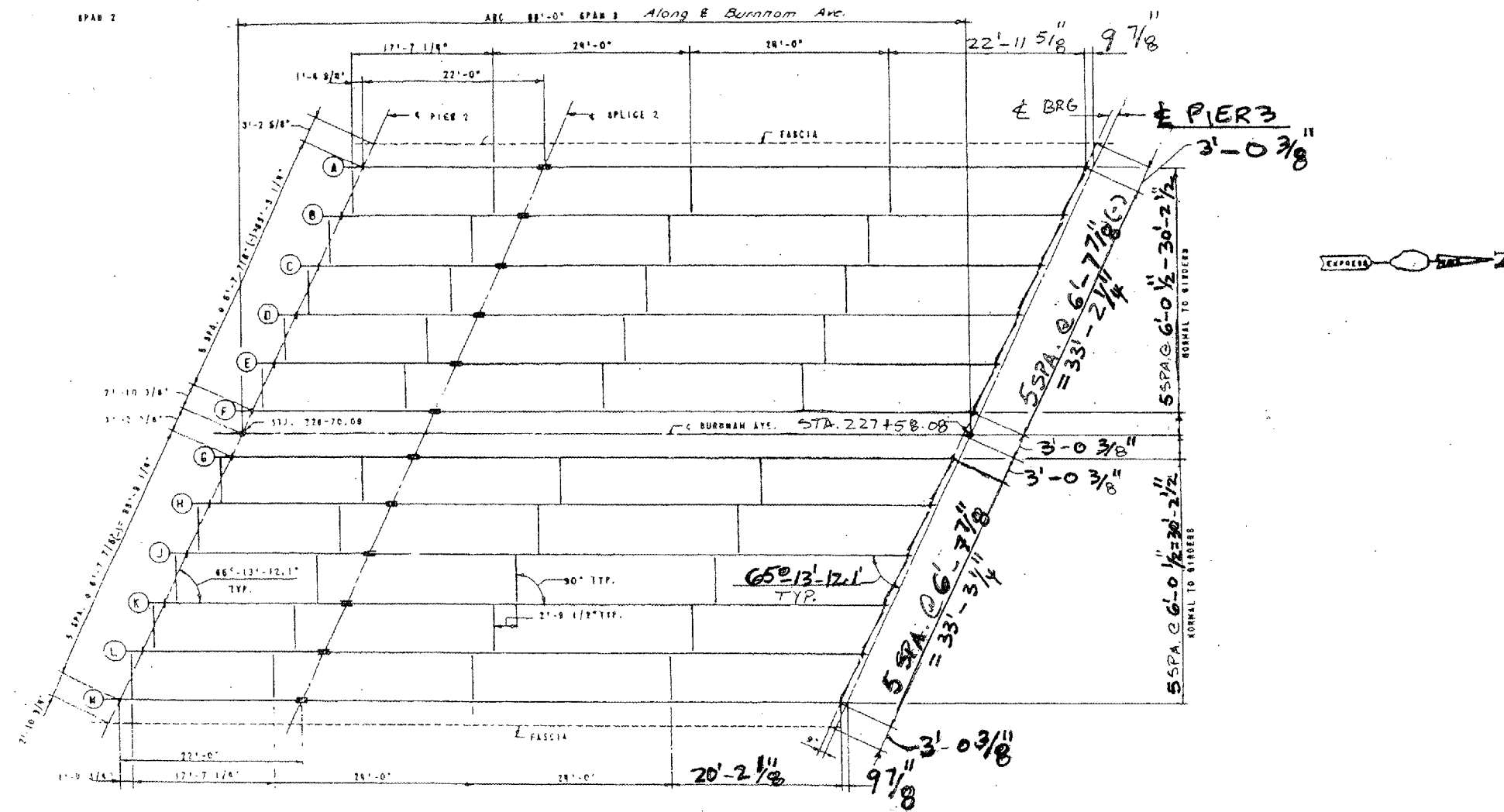
ELEVATION
TYPICAL ALL GIRDERS

LOCATION NO.3
EXIST. BRIDGE PLANS
BURNHAM AVE VIADUCT
SN: 016-0806

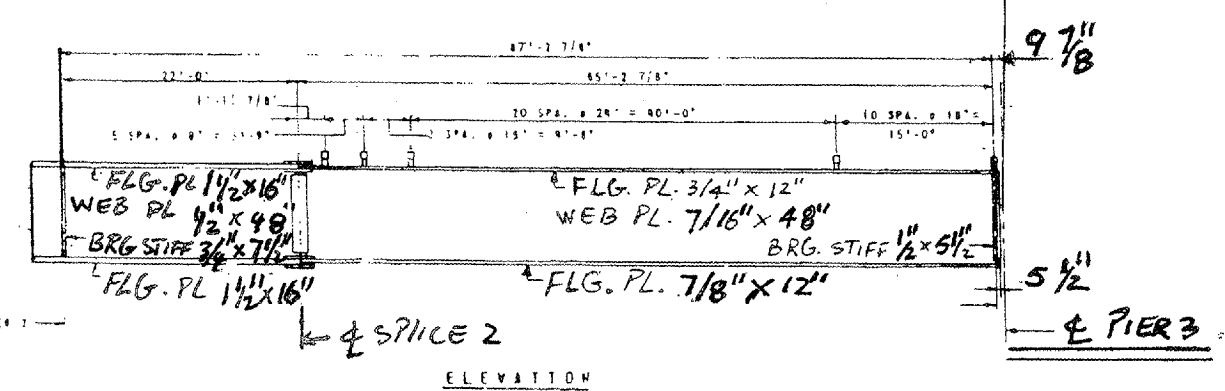
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2006-019 BP	COOK	37	22

CONTRACT NO. 60B44

Sheet 10 of 23



FRAMING PLAN - SPAN 3
SCALE: 1/8" = 1'-0"



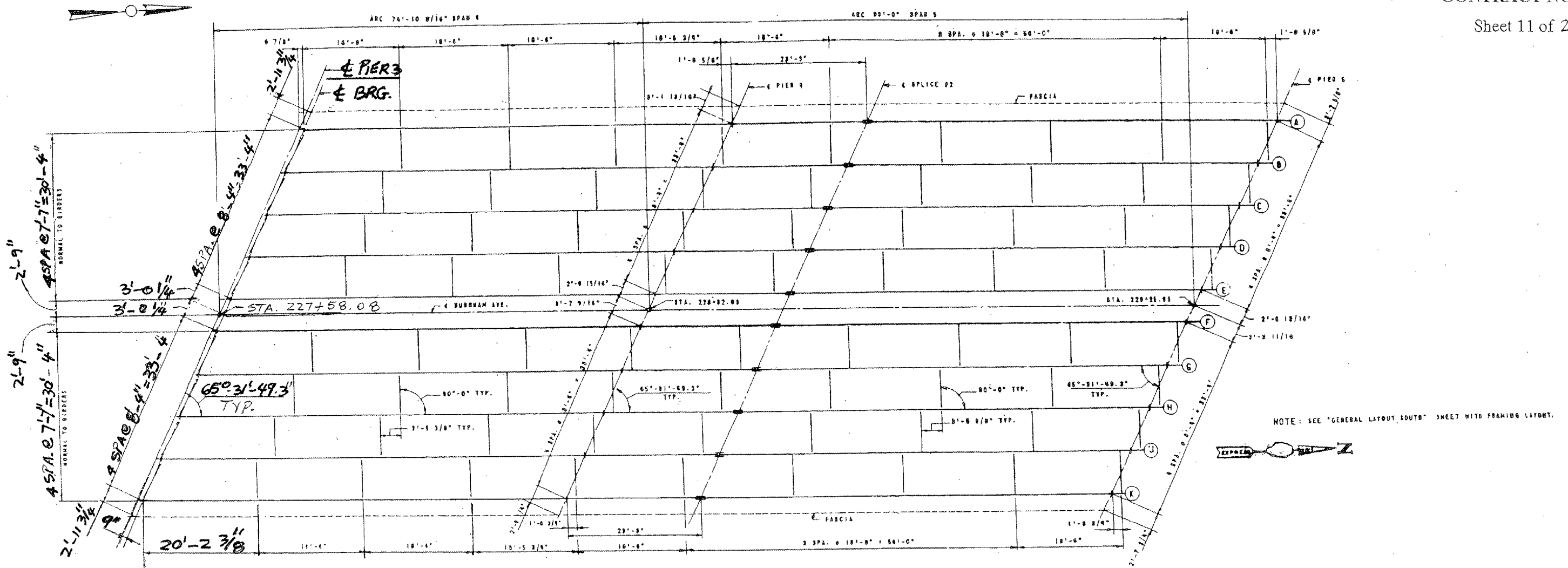
LOCATION NO.3

EXIST. BRIDGE PLANS
BURNHAM AVE VIADUCT
SN: 016-0806

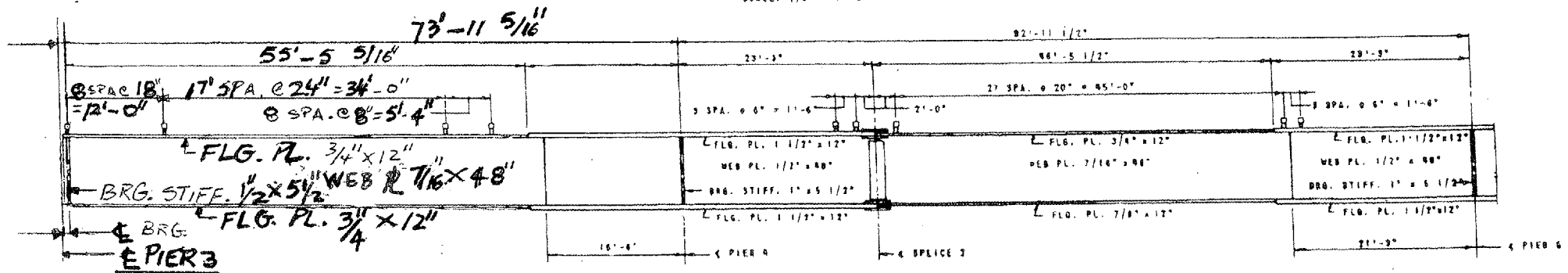
ROUTE VARIOUS	SECTION 2006-019 BP	COUNTY COOK	TOTAL SHEETS 37	SHEET NUMBER 23
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CONTRACT NO. 60B44

Sheet 11 of 23



FRAMING PLAN - SPANS 4 & 5
SCALE: 1/8" = 1'-0"



ELEVATION
TYPICAL ALL GIRDERS

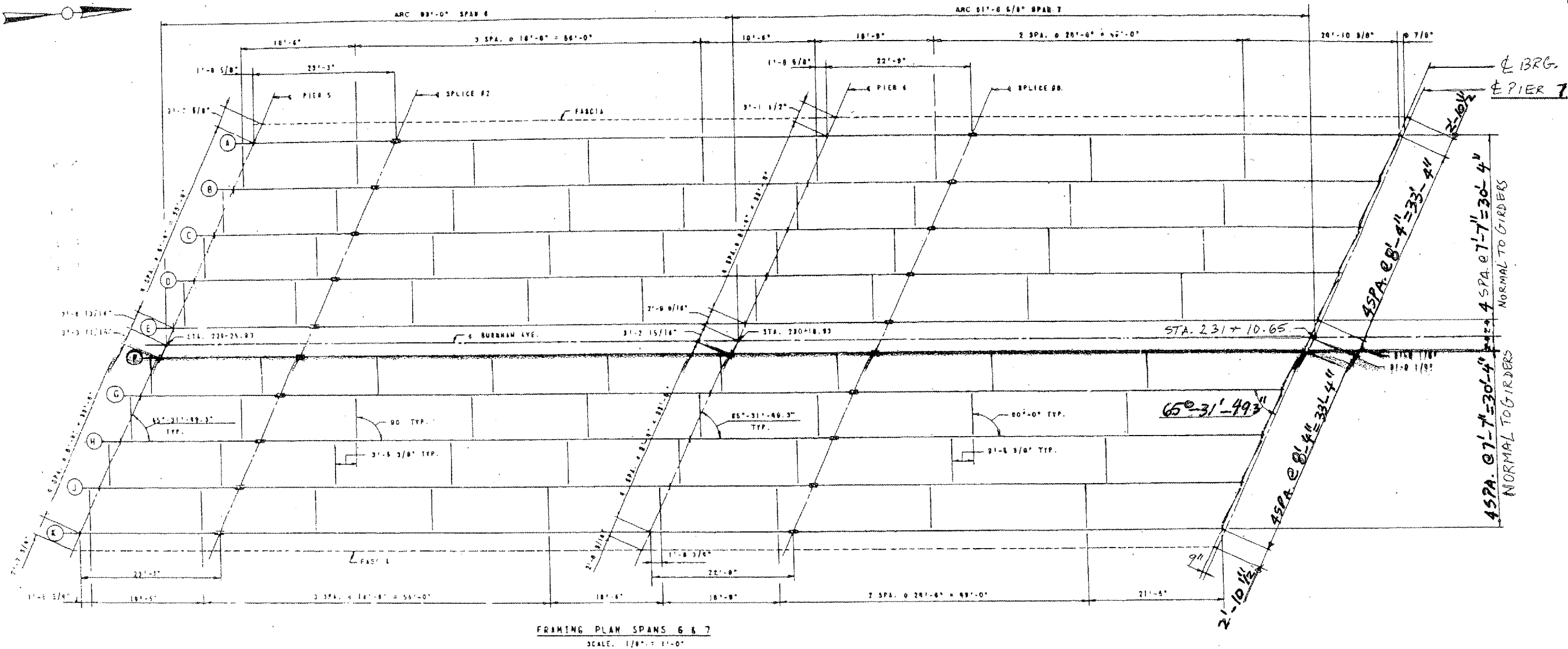
LOCATION NO.3

**EXIST. BRIDGE PLANS
BURNHAM AVE VIADUCT
SN: 016-0806**

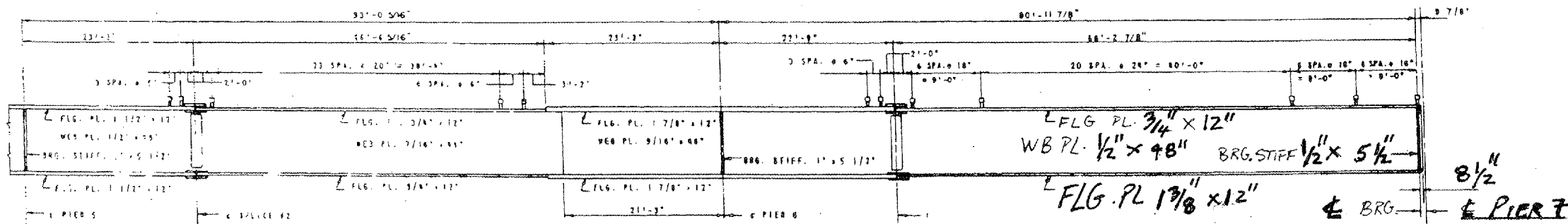
ROUTE VARIOUS	SECTION 2006-019 BP	COUNTY COOK	TOTAL SHEETS 37	SHEET NUMBER 24
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CONTRACT NO. 60B44

Sheet 12 of 23



FRAMING PLAN SPANS 6 & 7
SCALE: 1/8" = 1'-0"



ELEVATION
TYPICAL ALL GIRDERS

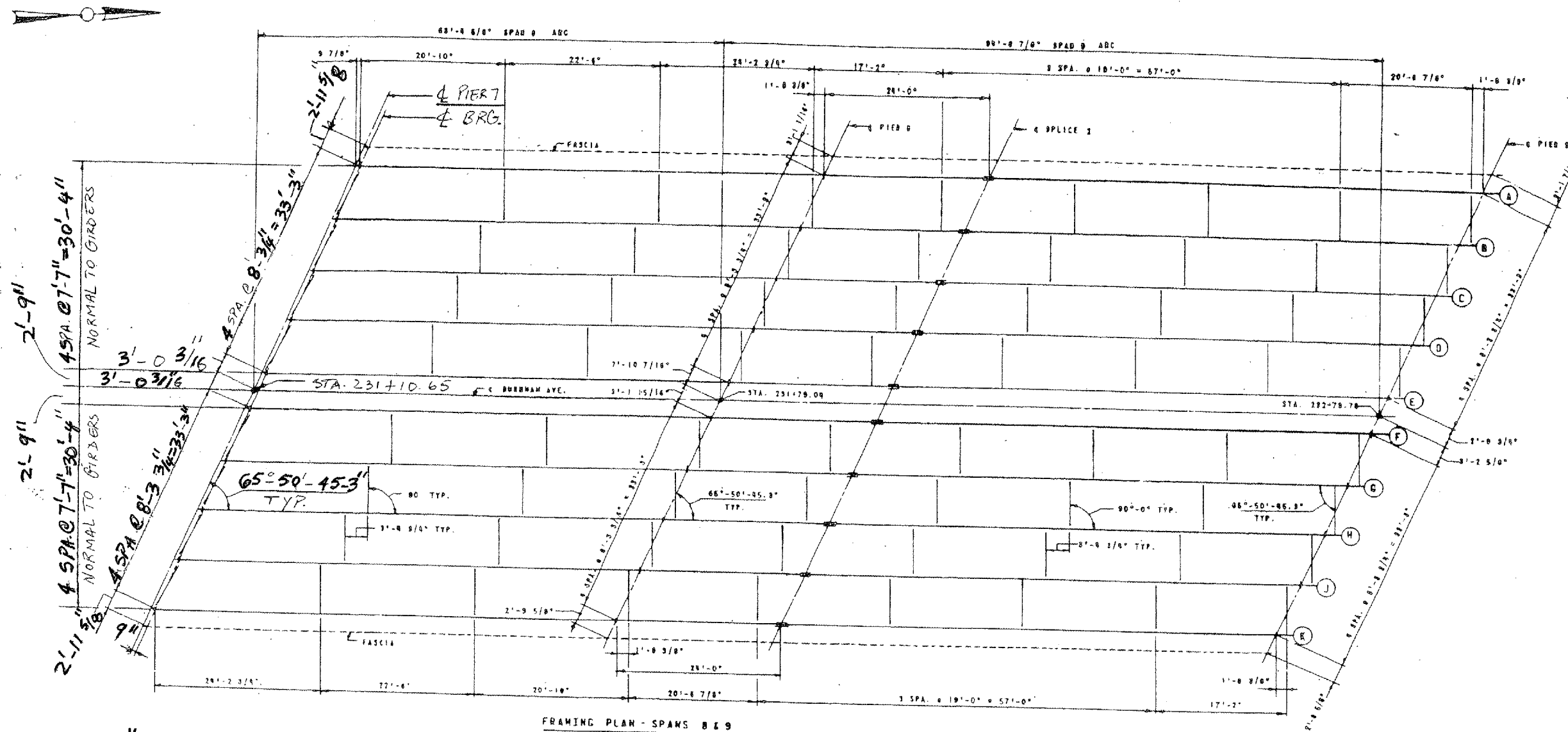
LOCATION NO.3

**EXIST. BRIDGE PLANS
BURNHAM AVE VIADUCT
SN: 016-0806**

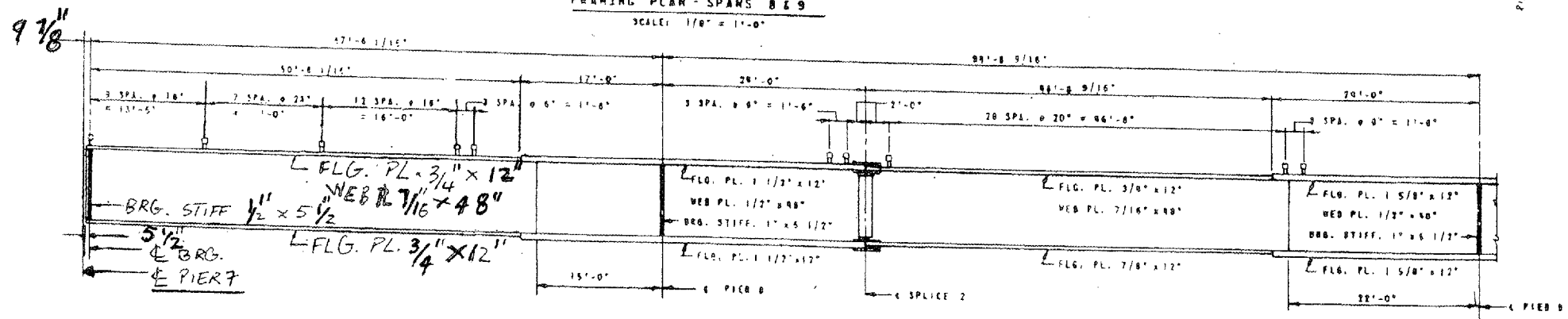
ROUTE VARIOUS	SECTION 2006-019 BP	COUNTY COOK	TOTAL SHEETS 37	SHEET NUMBER 25
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CONTRACT NO. 60B44

Sheet 13 of 23



FRAMING PLAN - SPANS 8 & 9
SCALE: 1/8" = 1'-0"



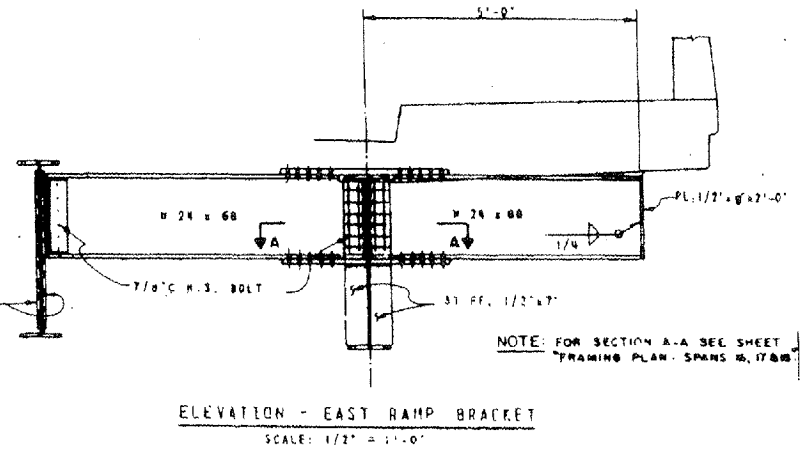
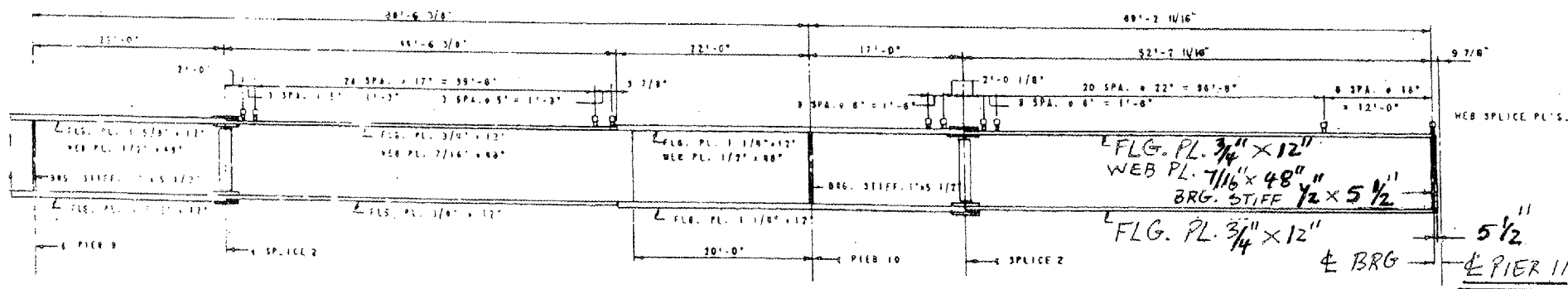
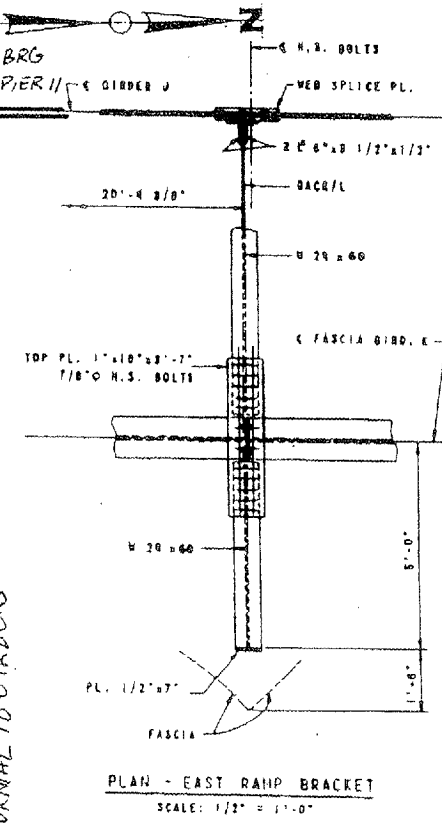
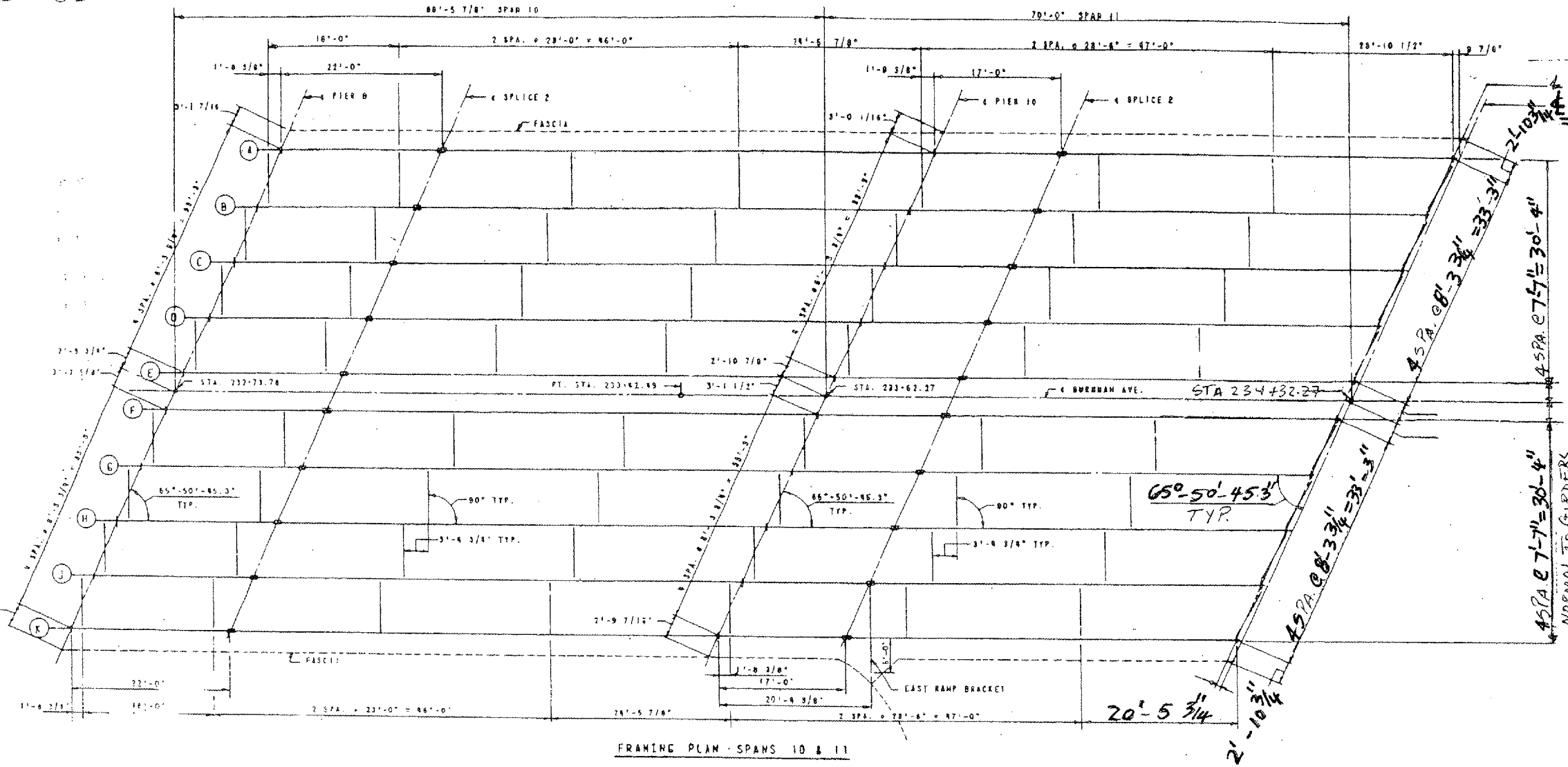
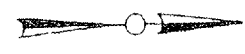
ELEVATION
TYPICAL ALL GIRDERS

LOCATION NO.3

**EXIST. BRIDGE PLANS
BURNHAM AVE VIADUCT
SN: 016-0806**

ROUTE VARIOUS	SECTION 2006-019 BP	COUNTY COOK	TOTAL SHEETS 37	SHEET NUMBER 26
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CONTRACT NO. 60B44
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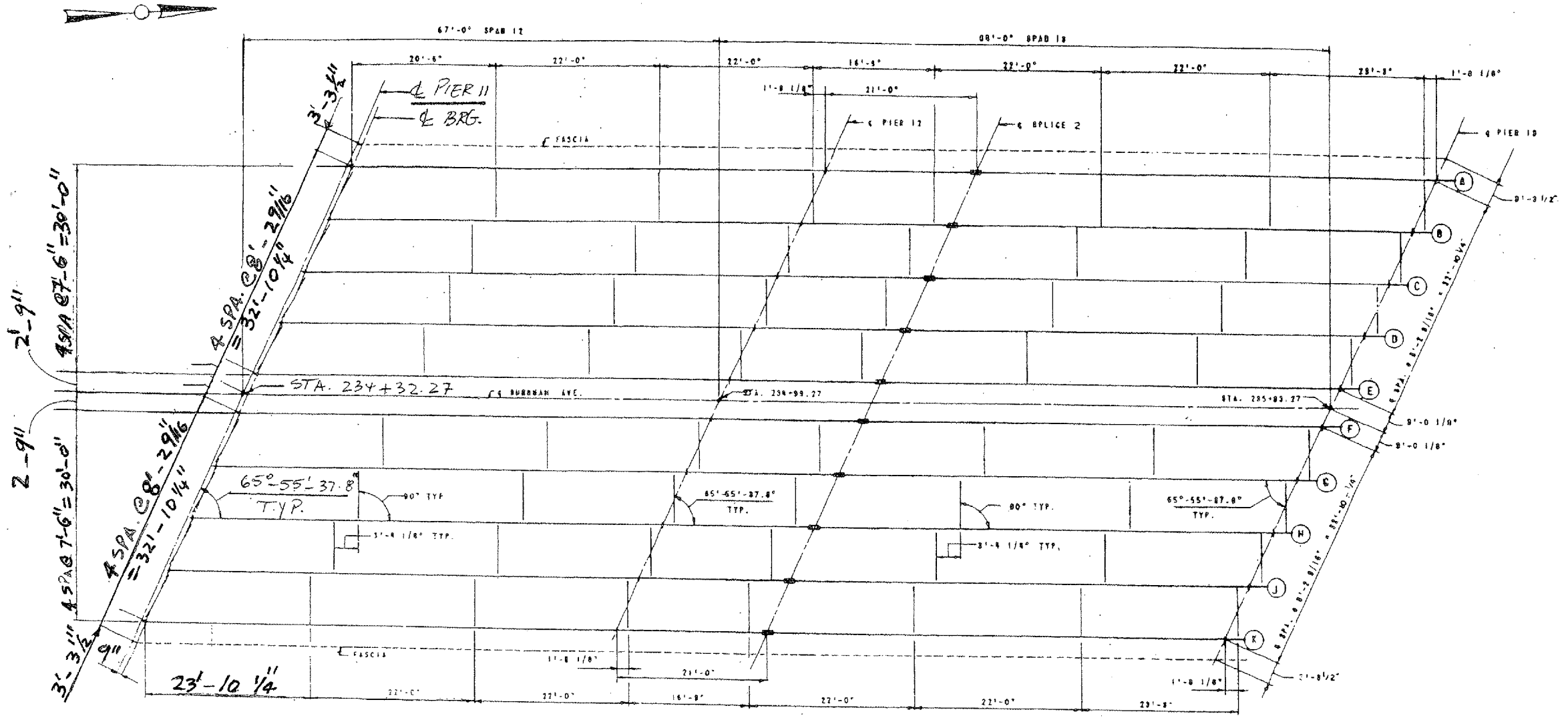
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**EXIST. BRIDGE PLANS
BURNHAM AVE VIADUCT
SN: 016-0806**

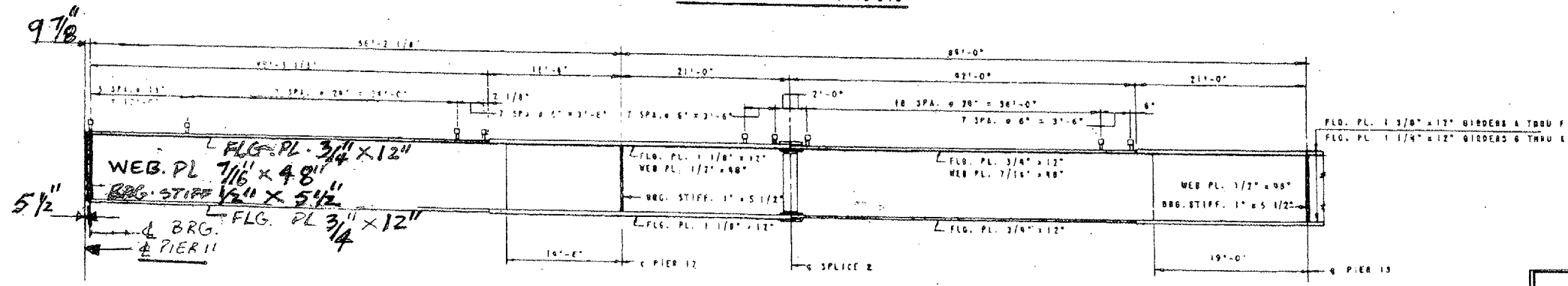
ROUTE VARIOUS	SECTION 2006-019 BP	COUNTY COOK	TOTAL SHEETS 37	SHEET NUMBER 27
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CONTRACT NO. 60B44

Sheet 15 of 23



FRAMING PLAN - SPANS 12 & 13



ELEVATION
TYPICAL ALL GIRDERS
EXCEPT AS NOTED

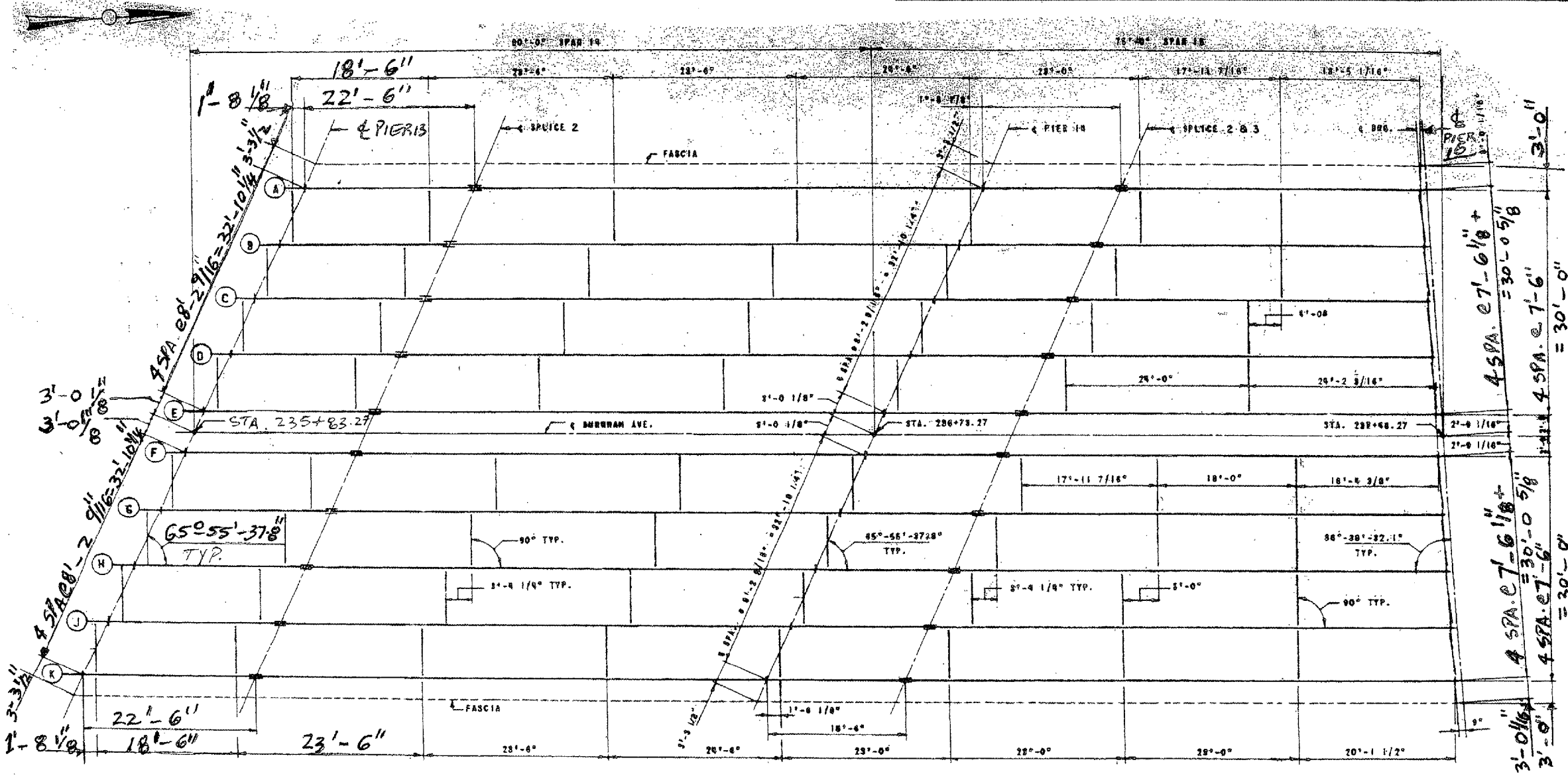
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EXIST. BRIDGE PLANS
BURNHAM AVE VIADUCT
SN: 016-0806

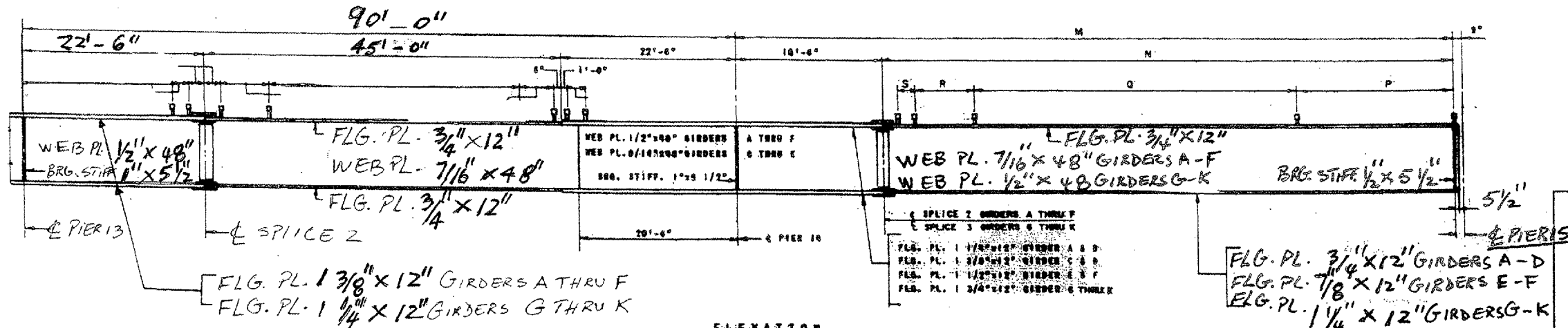
ROUTE VARIOUS	SECTION 2006-019 BP	COUNTY COOK	TOTAL SHEETS 37	SHEET NUMBER 28
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CONTRACT NO. 60B44

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FRAMING PLAN SPANS 14 & 15



ELEVATION
TYPICAL ALL GIRDERS
EXCEPT AS NOTED

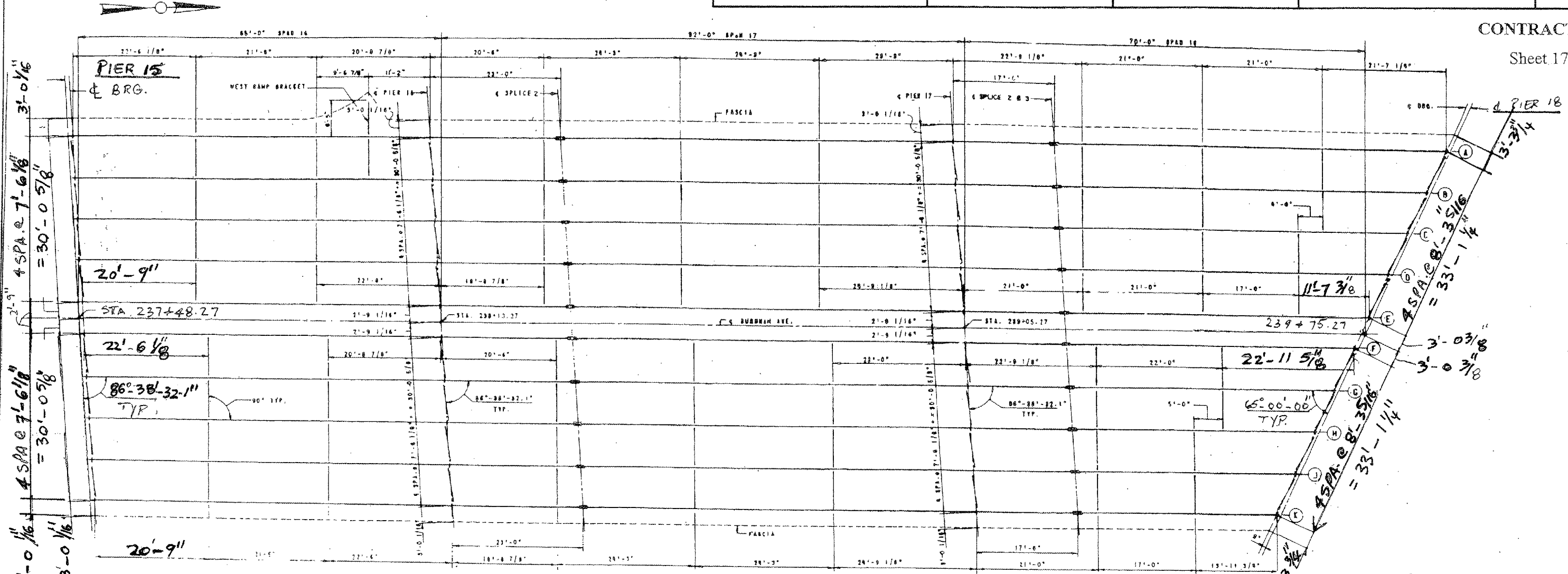
LOCATION NO.3

**EXIST. BRIDGE PLANS
BURNHAM AVE VIADUCT
SN: 016-0806**

ROUTE VARIOUS	SECTION 2006-019 BP	COUNTY COOK	TOTAL SHEETS 37	SHEET NUMBER 29
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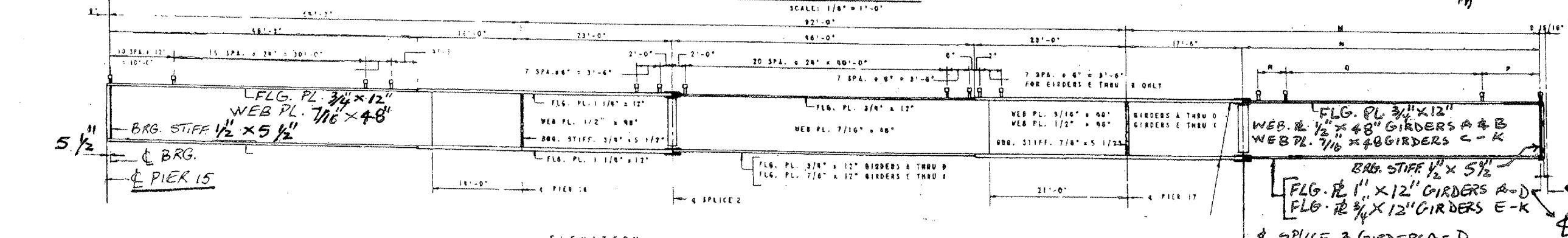
CONTRACT NO. 60B44

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FRAMING PLAN - SPANS 16, 17 & 18

SCALE: 1/8" = 1'-0"



ELEVATION
TYPICAL ALL GIRDERS
EXCEPT AS NOTED

GIRDER NO.	GIRDER DIMENSIONS
A	60'-4 3/8" x 48"
B	62'-5 1/8" x 48"
C	75'-5 7/8" x 48"
D	75'-4 5/8" x 48"
E	70'-7 3/8" x 48"
F	62'-0 1/8" x 48"
G	62'-0 1/8" x 48"
H	60'-10 1/8" x 48"
J	55'-11" x 48"
K	61'-11 3/4" x 48"

FLG. PL. 3/4" x 12"
WEB PL. 7/16" x 48"
BRG. STIFF. 1/2" x 5 1/2"
FLG. PL. 1" x 12" GIRDERS A-D
FLG. PL. 3/4" x 12" GIRDERS E-K
BRG. STIFF. 1/2" x 5 1/2"
SPICE 3 GIRDERS A-D
SPICE 2 GIRDERS E-K

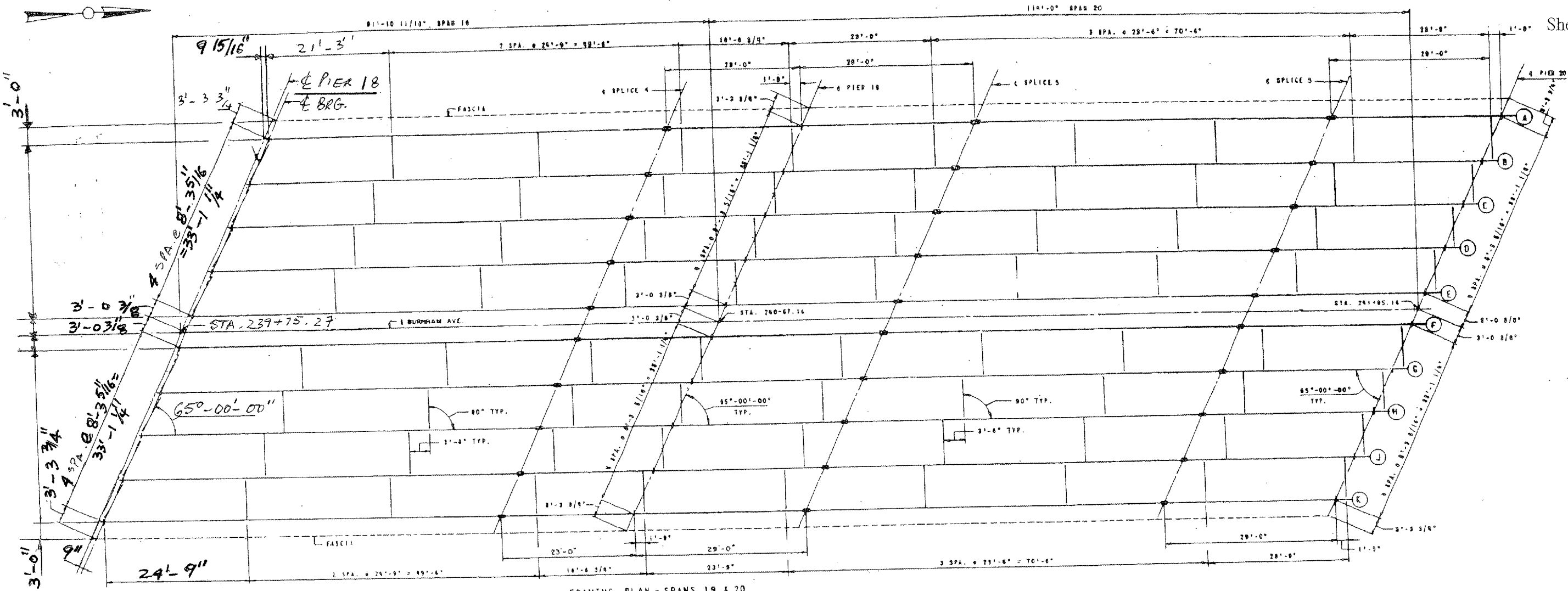
LOCATION NO.3

**EXIST. BRIDGE PLANS
BURNHAM AVE VIADUCT
SN: 016-0806**

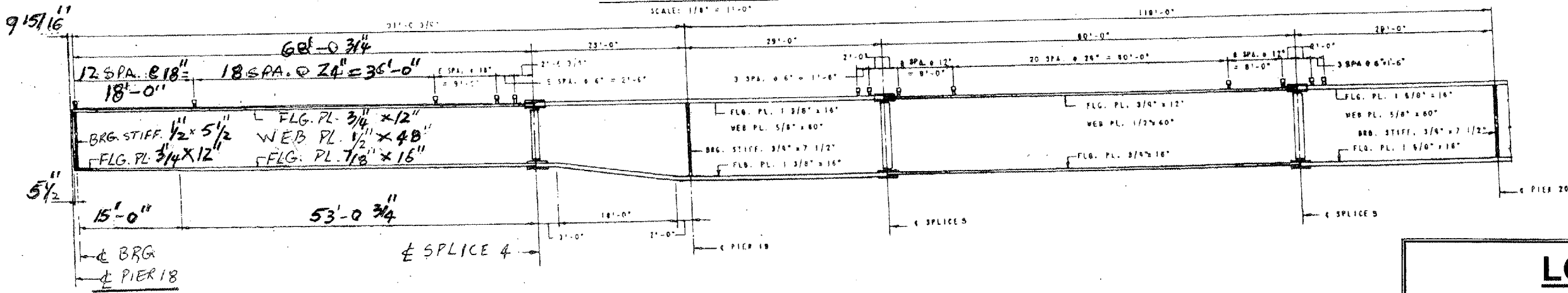
ROUTE VARIOUS	SECTION 2006-019 BP	COUNTY COOK	TOTAL SHEETS 37	SHEET NUMBER 30
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CONTRACT NO. 60B44

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FRAMING PLAN - SPANS 19 & 20
SCALE: 1/8" = 1'-0"

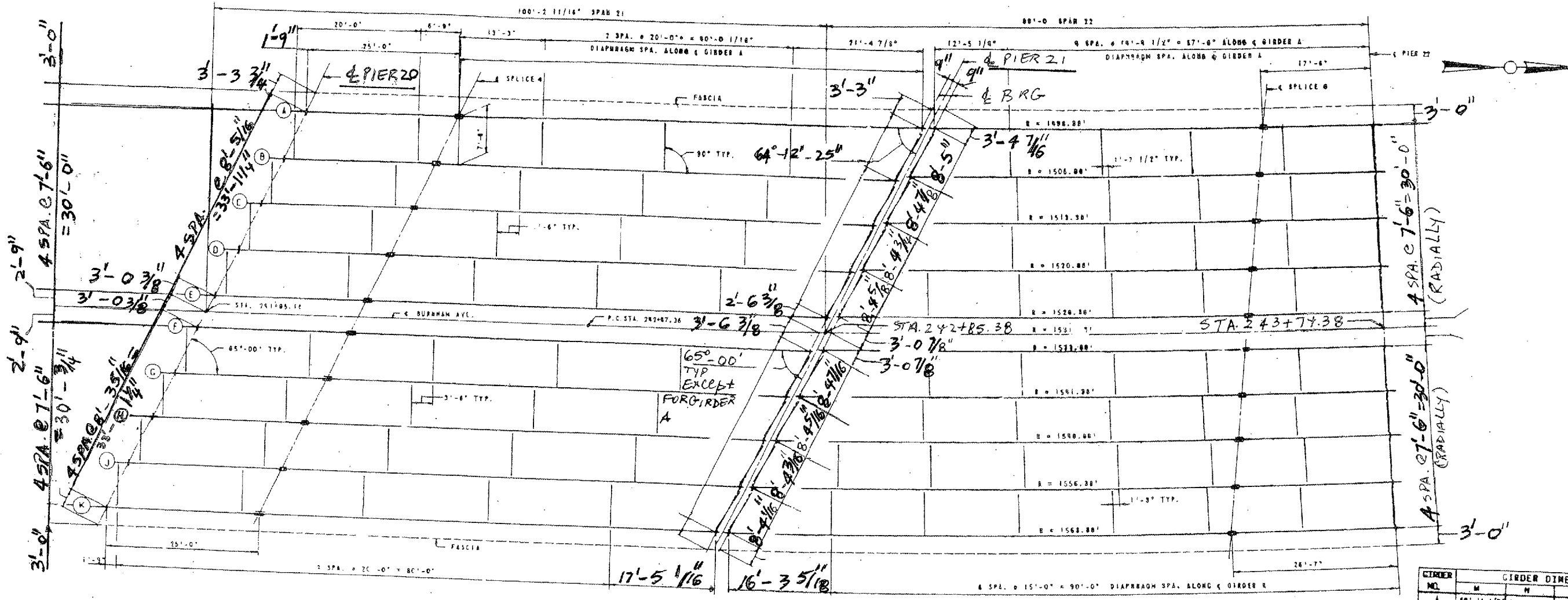


ELEVATION
TYPICAL ALL MEMBERS

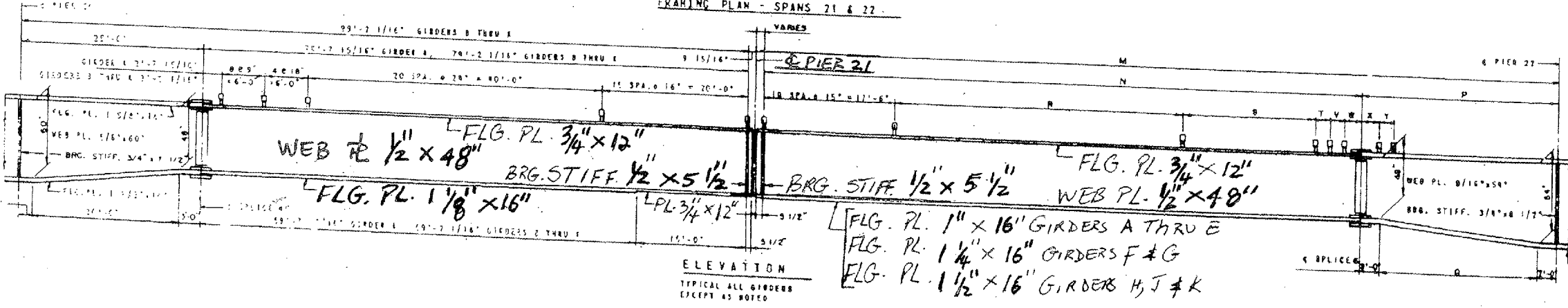
LOCATION NO.3
EXIST. BRIDGE PLANS
BURNHAM AVE VIADUCT
SN: 016-0806

ROUTE VARIOUS	SECTION 2006-019 BP	COUNTY COOK	TOTAL SHEETS 37	SHEET NUMBER 31
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CONTRACT NO. 60B44
Sheet 19 of 23



GIRDER NO.	M	N	P	Q
A	60'-11 1/4"	42'-5 1/8"	17'-6"	12'-6"
B	70'-1 7/16"	46'-4 15/16"	18'-6 1/2"	12'-6 1/2"
C	70'-8 9/16"	44'-8 9/16"	18'-7"	14'-7"
D	82'-5 5/8"	41'-10 1/8"	20'-7 1/2"	15'-7 1/2"
E	86'-7 5/8"	44'-11 5/8"	21'-6"	16'-8"
F	89'-8 1/4"	47'-3 1/4"	22'-6"	17'-8"
G	93'-10 3/16"	50'-4 11/16"	23'-5 1/2"	18'-5 1/2"
H	101'-0 1/16"	52'-6 1/16"	24'-6"	19'-6"
J	102'-1 7/8"	54'-7 3/8"	25'-4 1/2"	20'-4 1/2"
K	106'-3 5/8"	57'-8 5/8"	26'-7"	21'-7"

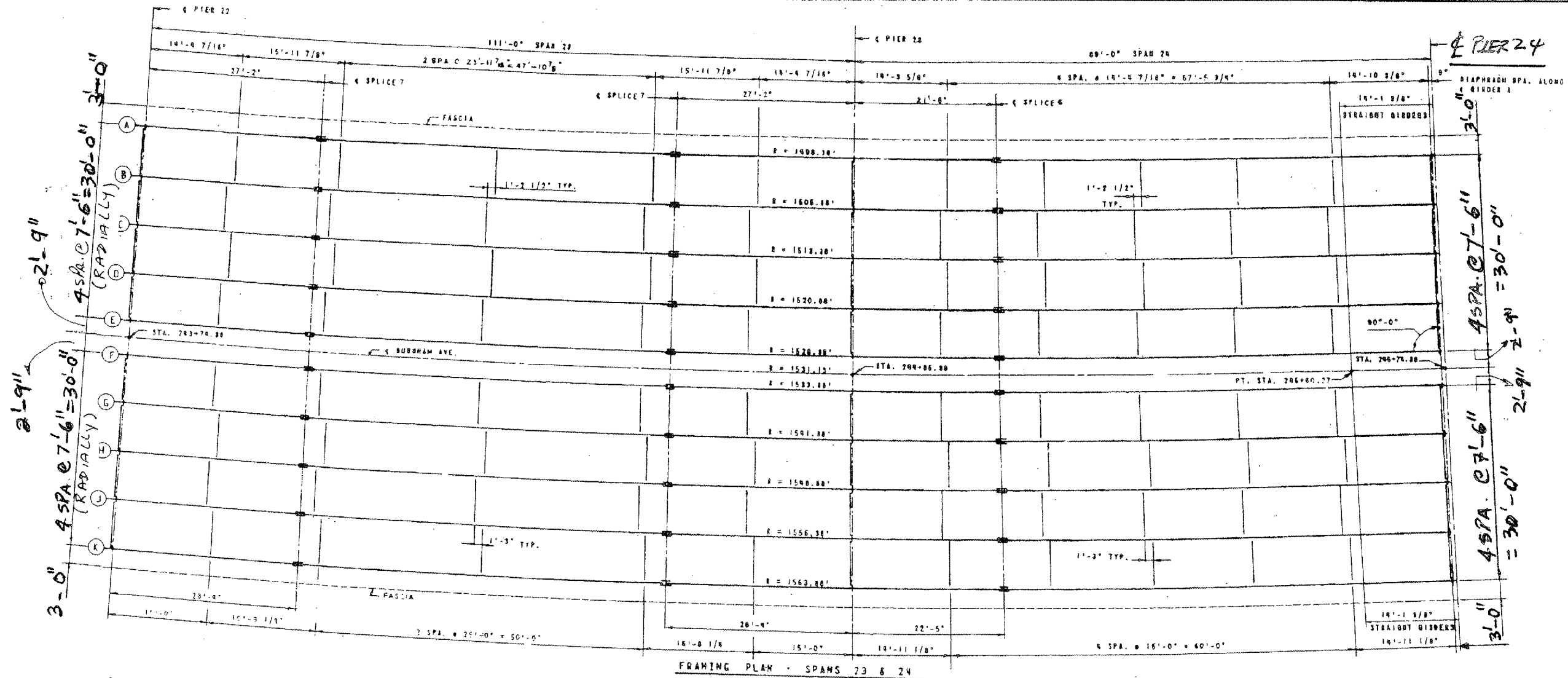


LOCATION NO.3

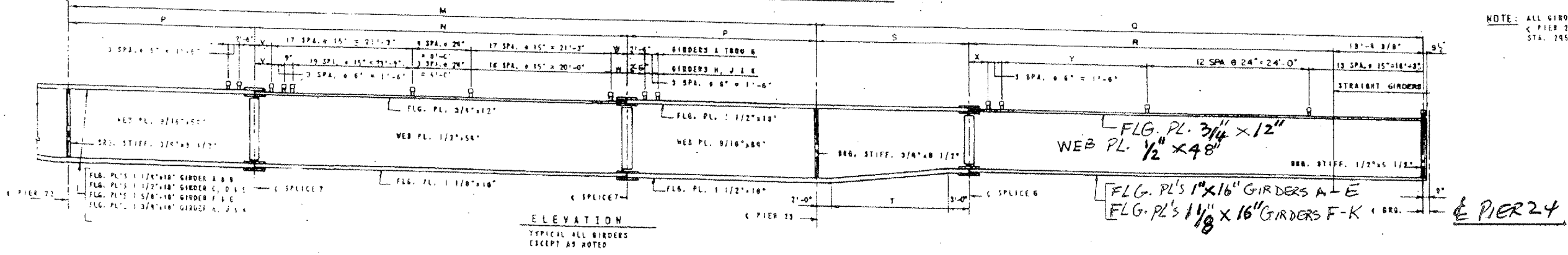
EXIST. BRIDGE PLANS
BURNHAM AVE VIADUCT
SN: 016-0806

ROUTE VARIOUS	SECTION 2006-019 BP	COUNTY COOK	TOTAL SHEETS 37	SHEET NUMBER 32
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CONTRACT NO. 60B44
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NOTE: ALL GIRDERS ARE CURVED FROM C PIER 22 TO P.T. STA. 285+60.27.

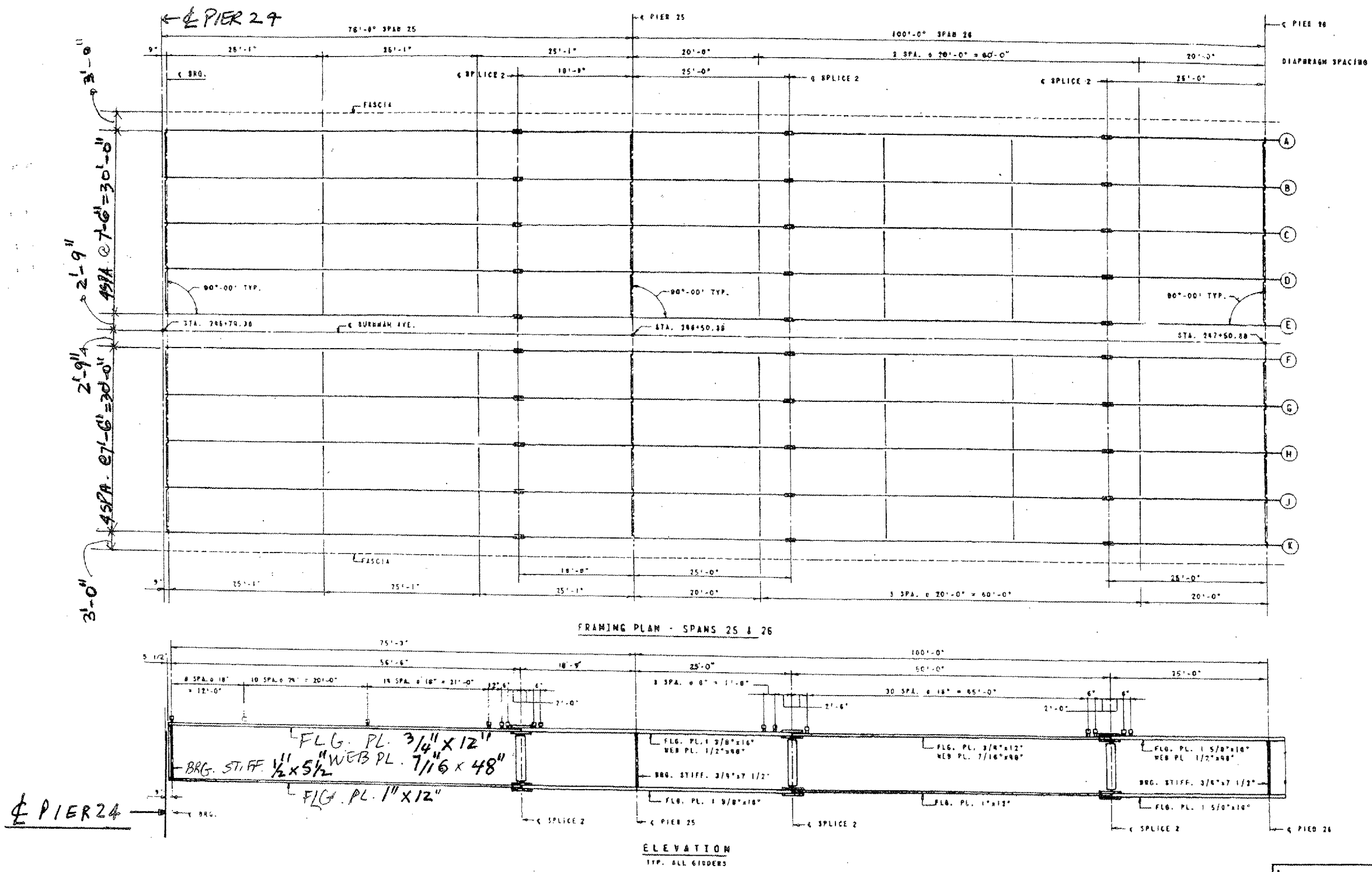


LOCATION NO.3
EXIST. BRIDGE PLANS
BURNHAM AVE VIADUCT
SN: 016-0806

ROUTE VARIOUS	SECTION 2006-019 BP	COUNTY COOK	TOTAL SHEETS 37	SHEET NUMBER 33
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CONTRACT NO. 60B44

Sheet 21 of 23



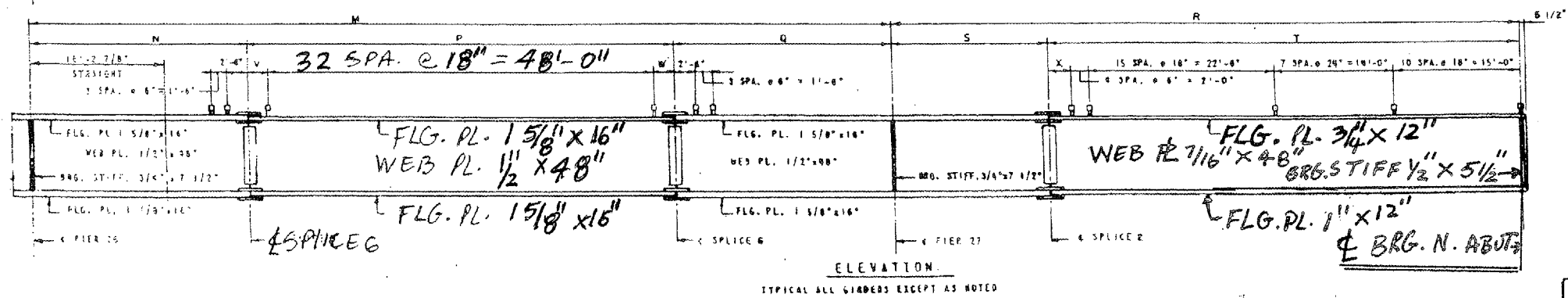
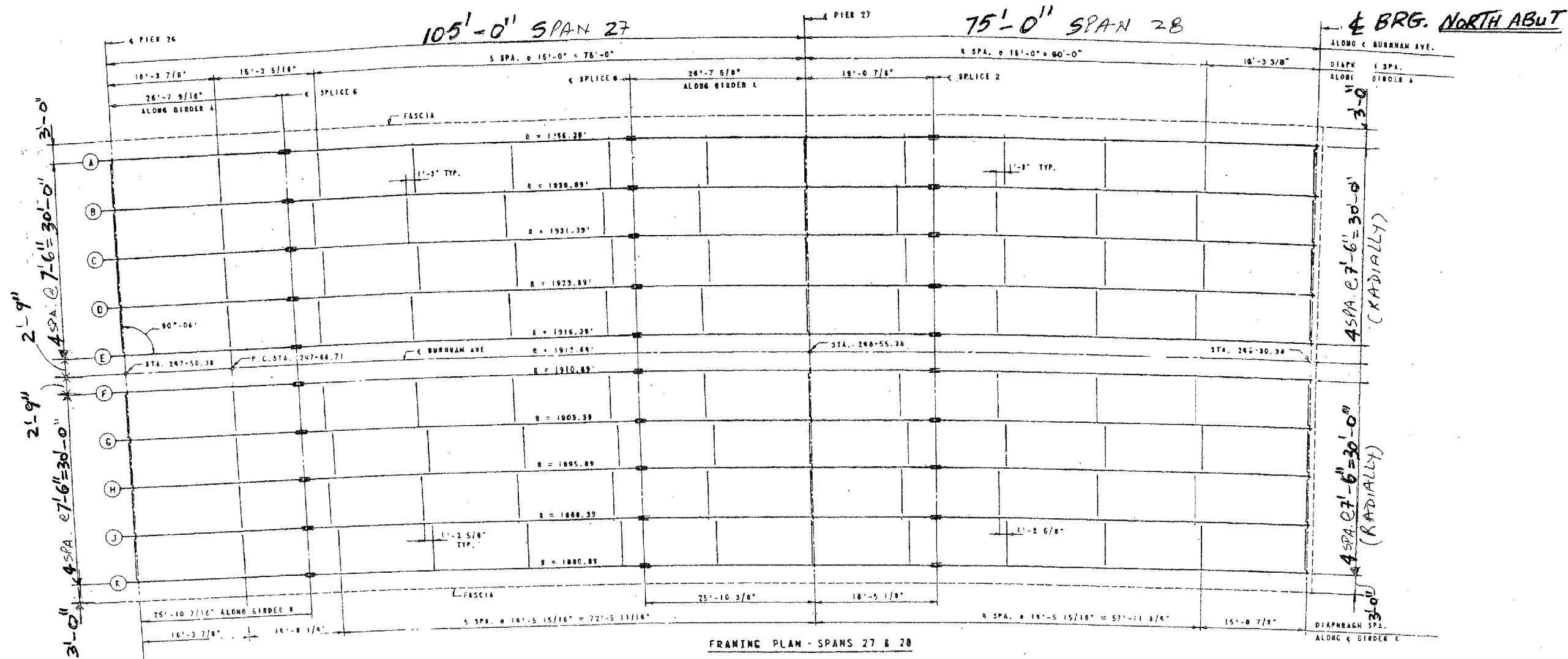
LOCATION NO.3

**EXIST. BRIDGE PLANS
BURNHAM AVE VIADUCT
SN: 016-0806**

ROUTE VARIOUS	SECTION 2006-019 BP	COUNTY COOK	TOTAL SHEETS 37	SHEET NUMBER 34
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CONTRACT NO. 60B44

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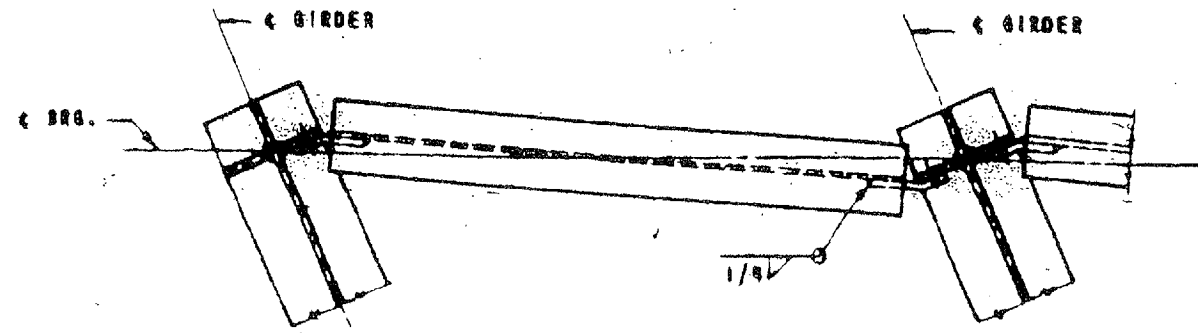
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EXIST. BRIDGE PLANS
BURNHAM AVE VIADUCT
SN: 016-0806

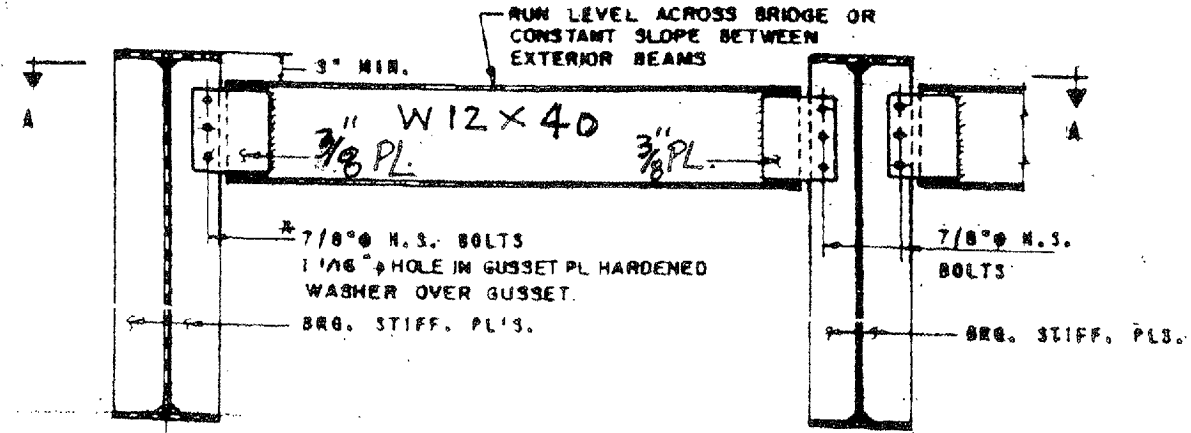
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2006-019 BP	COOK	37	35

CONTRACT NO. 60B44

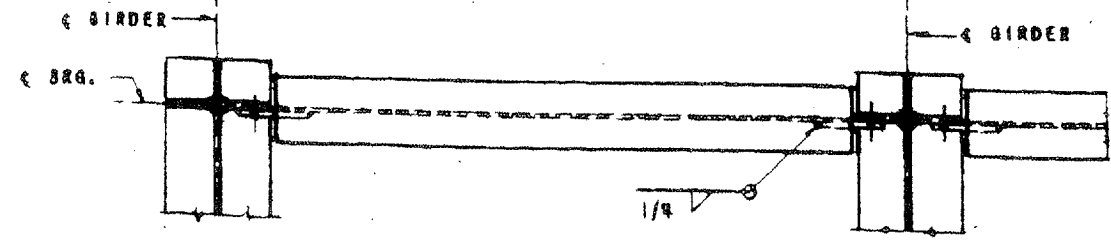
Sheet 23 of



SECTION A-A
(S. ABUT. PIERS 3, 7, 11, 15, 18 & 21)



ELEVATION



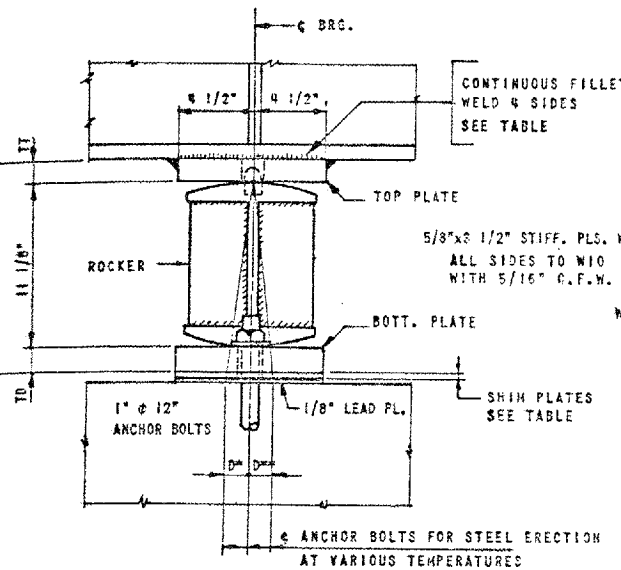
SECTION A-A
(PIER 20 & N. ABUT.)

END DIAPHRAGMS

LOCATION NO.3

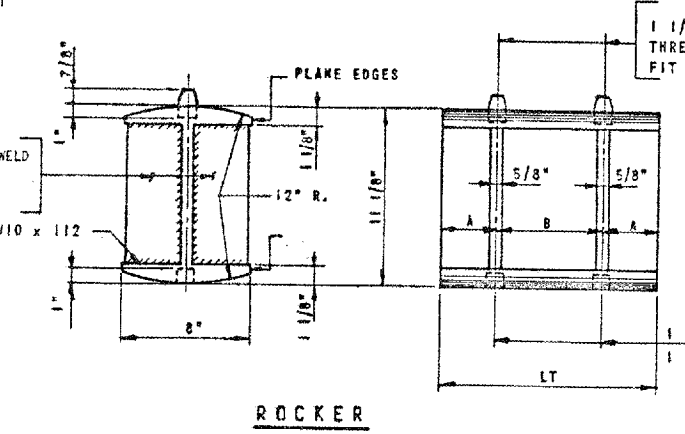
EXIST. BRIDGE PLANS
BURNHAM AVE VIADUCT
SN: 016-0806

CONTRACT NO. 60B44

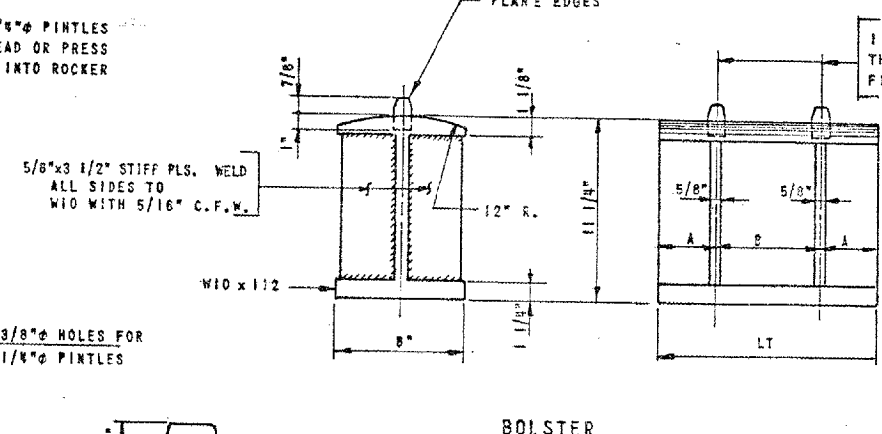


ELEVATION

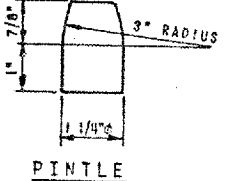
NOTE A
1 3/8" HOLES - 1" DEEP IN TOP PL. FOR PINTLES. THREAD OR PRESS FIT PINTLES INTO BOTTOM PL.



ROCKER



BOLSTER

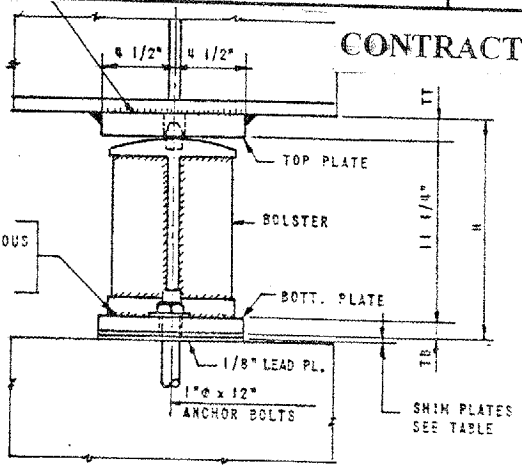


PINTLE

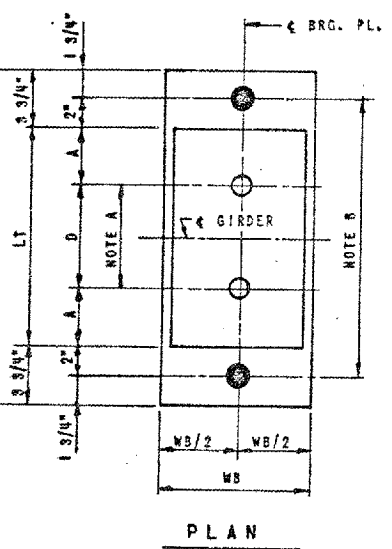
NOTE B
1 1/2" HOLES FOR 1" ANCHOR BOLTS. 5/16" x 2 1/2" x 1/2" PL. WASHERS UNDER NUT.

NOTE C
1 3/8" HOLES 1" DEEP INTO TOP PL. ONLY FOR 1 1/4" PINTLES.

+ = LEAD PLATE INCLUDED
* = 1/8" LEAD PLATE NOT INCLUDED

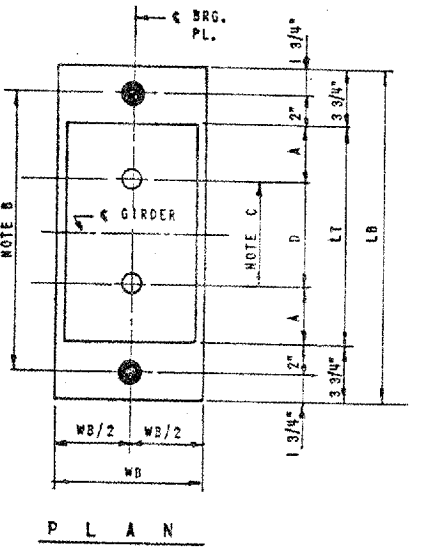


ELEVATION



PLAN

EXPANSION BEARING ASSEMBLY



PLAN

FIXED BEARING ASSEMBLY

NOTE:
FOR MASONRY PLATE CLIP CORNER SEE PRECEDING SHEET.

BURNHAM BEARINGS																		
LOCATION	BRG. TYP.	NO. REQ'D.	TOP PLATE				BOTTOM PLATE				STIFF SPACING		CONT. FILLET WELD	#	H	WT. LBS. EACH	TOTAL WT.	
			TT	WT	LT	A	D	TB	WB	LB	A	D						
BRG. S. ABUT.	EXP.	12	1 3/8"	9"	13"	3 1/4"	6 1/2"	1 5/8"	9"	20 1/2"	3 1/4"	6 1/2"	3 1/4"	6 1/2"	1/2"	14 1/8"	302	3,624
BRG. PIER 1	EXP.	12	1 3/4"	9"	17 1/2"	2 3/4"	12"	2"	10 1/2"	25"	2 3/4"	12"	2 3/4"	2 # 6"	1/2"	14 7/8"	457	5,484
BRG. PIER 2	FIX.	12	1 7/8"	9"	17 1/2"	2 3/4"	12"	1 1/4"	15 1/2"	25"	-	-	2 3/4"	2 # 6"	1/2"	14 3/8"	451	5,412
S. BRG. PIER 3	EXP.	12	1 3/8"	9"	13"	3 1/4"	6 1/2"	1 5/8"	9"	20 1/2"	3 1/4"	6 1/2"	3 1/4"	6 1/2"	1/2"	14 1/8"	302	3,624
N. BRG. PIER 3	EXP.	10	1 3/8"	9"	13"	3 1/4"	6 1/2"	1 5/8"	9"	20 1/2"	3 1/4"	6 1/2"	3 1/4"	6 1/2"	1/2"	14 1/8"	302	3,624
BRG. PIER 4	EXP.	10	1 3/4"	9"	14"	3 1/2"	7"	2 7/8"	14 1/2"	21 1/2"	3 1/2"	7"	3 1/2"	7"	1/2"	15 3/4"	500	5,000
BRG. PIER 5	FIX.	10	1 7/8"	9"	13 1/2"	3 1/2"	6 1/2"	2"	20"	21"	-	-	3 1/2"	6 1/2"	1/2"	15 1/8"	484	4,840
BRG. PIER 6	EXP.	10	1 3/8"	9"	14"	3 1/2"	7"	2 7/8"	14 1/2"	21 1/2"	3 1/2"	7"	3 1/2"	7"	1/2"	15 3/4"	500	5,000
S. BRG. PIER 7	EXP.	10	1 3/8"	9"	13"	3 1/4"	6 1/2"	1 5/8"	9"	20 1/2"	3 1/4"	6 1/2"	3 1/4"	6 1/2"	1/2"	14 1/8"	302	3,020
N. BRG. PIER 7	EXP.	10	1 3/8"	9"	13"	3 1/4"	6 1/2"	1 5/8"	9"	20 1/2"	3 1/4"	6 1/2"	3 1/4"	6 1/2"	1/2"	14 1/8"	302	3,020
BRG. PIER 8	EXP.	10	1 3/4"	9"	14"	3 1/2"	7"	2 7/8"	14 1/2"	21 1/2"	3 1/2"	7"	3 1/2"	7"	1/2"	15 3/4"	500	5,000
BRG. PIER 9	FIX.	10	1 7/8"	9"	13 1/2"	3 1/2"	6 1/2"	2"	20"	21"	-	-	3 1/2"	6 1/2"	1/2"	15 1/8"	484	4,840
BRG. PIER 10	EXP.	10	1 3/8"	9"	14"	3 1/2"	7"	2 7/8"	14 1/2"	21 1/2"	3 1/2"	7"	3 1/2"	7"	1/2"	15 3/4"	500	5,000
S. BRG. PIER 11	EXP.	10	1 3/8"	9"	13"	3 1/4"	6 1/2"	1 5/8"	9"	20 1/2"	3 1/4"	6 1/2"	3 1/4"	6 1/2"	1/2"	14 1/8"	302	3,020
N. BRG. PIER 11	EXP.	10	1 3/8"	9"	13"	3 1/4"	6 1/2"	1 5/8"	9"	20 1/2"	3 1/4"	6 1/2"	3 1/4"	6 1/2"	1/2"	14 1/8"	302	3,020
BRG. PIER 12	EXP.	10	1 3/4"	9"	14"	3 1/2"	7"	2 7/8"	14 1/2"	21 1/2"	3 1/2"	7"	3 1/2"	7"	1/2"	15 3/4"	500	5,000
BRG. PIER 13	FIX.	10	1 7/8"	9"	13 1/2"	3 1/2"	6 1/2"	2"	20"	21"	-	-	3 1/2"	6 1/2"	1/2"	15 1/8"	484	4,840
BRG. PIER 14	EXP.	10	1 3/4"	9"	14"	3 1/2"	7"	2 7/8"	14 1/2"	21 1/2"	3 1/2"	7"	3 1/2"	7"	1/2"	15 3/4"	500	5,000
S. BRG. PIER 15	EXP.	10	1 3/8"	9"	13"	3 1/4"	6 1/2"	1 5/8"	9"	20 1/2"	3 1/4"	6 1/2"	3 1/4"	6 1/2"	1/2"	14 1/8"	302	3,020
N. BRG. PIER 15	EXP.	10	1 3/8"	9"	13"	3 1/4"	6 1/2"	1 5/8"	9"	20 1/2"	3 1/4"	6 1/2"	3 1/4"	6 1/2"	1/2"	14 1/8"	302	3,020
BRG. PIER 16	FIX.	10	1 7/8"	9"	13 1/2"	3 1/2"	6 1/2"	2"	20"	21"	-	-	3 1/2"	6 1/2"	1/2"	15 1/8"	484	4,840
BRG. PIER 17	EXP.	10	1 3/4"	9"	14"	3 1/2"	7"	2 7/8"	14 1/2"	21 1/2"	3 1/2"	7"	3 1/2"	7"	1/2"	15 3/4"	500	5,000
S. BRG. PIER 18	EXP.	10	1 3/8"	9"	13"	3 1/4"	6 1/2"	1 5/8"	9"	20 1/2"	3 1/4"	6 1/2"	3 1/4"	6 1/2"	1/2"	14 1/8"	302	3,020
N. BRG. PIER 18	EXP.	10	1 3/8"	9"	13"	3 1/4"	6 1/2"	1 5/8"	9"	20 1/2"	3 1/4"	6 1/2"	3 1/4"	6 1/2"	1/2"	14 1/8"	302	3,020
BRG. PIER 19	FIX.	10	2 3/8"	9"	17 1/2"	2 3/4"	12"	1 7/8"	19"	25"	-	-	2 3/4"	2 # 6"	5/8"	15 1/2"	590	5,900
BRG. PIER 20	EXP.	10	2 1/4"	9"	17 1/2"	2 3/4"	12"	2 3/4"	14 1/2"	25"	2 3/4"	12"	2 3/4"	2 # 6"	5/8"	16 1/8"	616	6,160
S. BRG. PIER 21	EXP.	10	1 3/8"	9"	13"	3 1/4"	6 1/2"	1 5/8"	9"	20 1/2"	3 1/4"	6 1/2"	3 1/4"	6 1/2"	1/2"	14 1/8"	302	3,020
N. BRG. PIER 21	EXP.	10	1 1/2"	9"	17 1/2"	3"	11 1/2"	1 1/2"	9"	25"	3"	11 1/2"	3"	2 # 5 3/4"	1/2"	14 1/8"	392	3,920
BRG. PIER 22	FIX.	10	2 1/2"	9"	19 1/2"	3"	13 1/2"	1 3/4"	18"	27"	-	-	3"	2 # 6 3/4"	5/8"	15 1/2"	617	6,170
BRG. PIER 23	EXP.	10	2 1/2"	9"	19 1/2"	3"	13 1/2"	2 3/8"	12"	27"	3"	13 1/2"	3"	2 # 6 3/4"	5/8"	16"	694	6,940
S. BRG. PIER 24	EXP.	10	1 1/2"	9"	17 1/2"	3"	11 1/2"	1 1/2"	9"	25"	3"	11 1/2"	3"	2 # 5 3/4"	1/2"	14 1/8"	392	3,920
N. BRG. PIER 24	EXP.	10	1"	9"	13"	3 1/4"	6 1/2"	1 1/2"	9"	20 1/2"	3 1/4"	6 1/2"	3 1/4"	6 1/2"	1/2"	13 5/8"	283	2,830
BRG. PIER 25	EXP.	10	2 1/8"	9"	17 1/2"	3"	11 1/2"	2 1/2"	12 1/2"	25"	3"	11 1/2"	3"	2 # 5 3/4"	1/2"	15 3/4"	643	6,430
BRG. PIER 26	FIX.	10	2 1/8"	9"	17 1/2"	3"	11 1/2"	1 3/4"	18"	25"	-	-	3"	2 # 5 3/4"	1/2"	15 1/8"	549	5,490
BRG. PIER 27	EXP.	10	2 1/8"	9"	17 1/2"	3"	11 1/2"	2 1/2"	12 1/2"	25"	3"	11 1/2"	3"	2 # 5 3/4"	1/2"	15 3/4"	643	6,430
BRG. N. ABUT.	EXP.	10	1"	9"	13"	3 1/4"	6 1/2"	1 1/2"	9"	20 1/2"	3 1/4"	6 1/2"	3 1/4"	6 1/2"	1/2"	13 5/8"	263	2,630

TOTAL BEARING WT. (LBS.) 156,824

REVISIONS		
DATE	BY	DESCRIPTION

**EXIST. BRIDGE PLANS
BURNHAM AVE VIADUCT
SN: 046 0000**

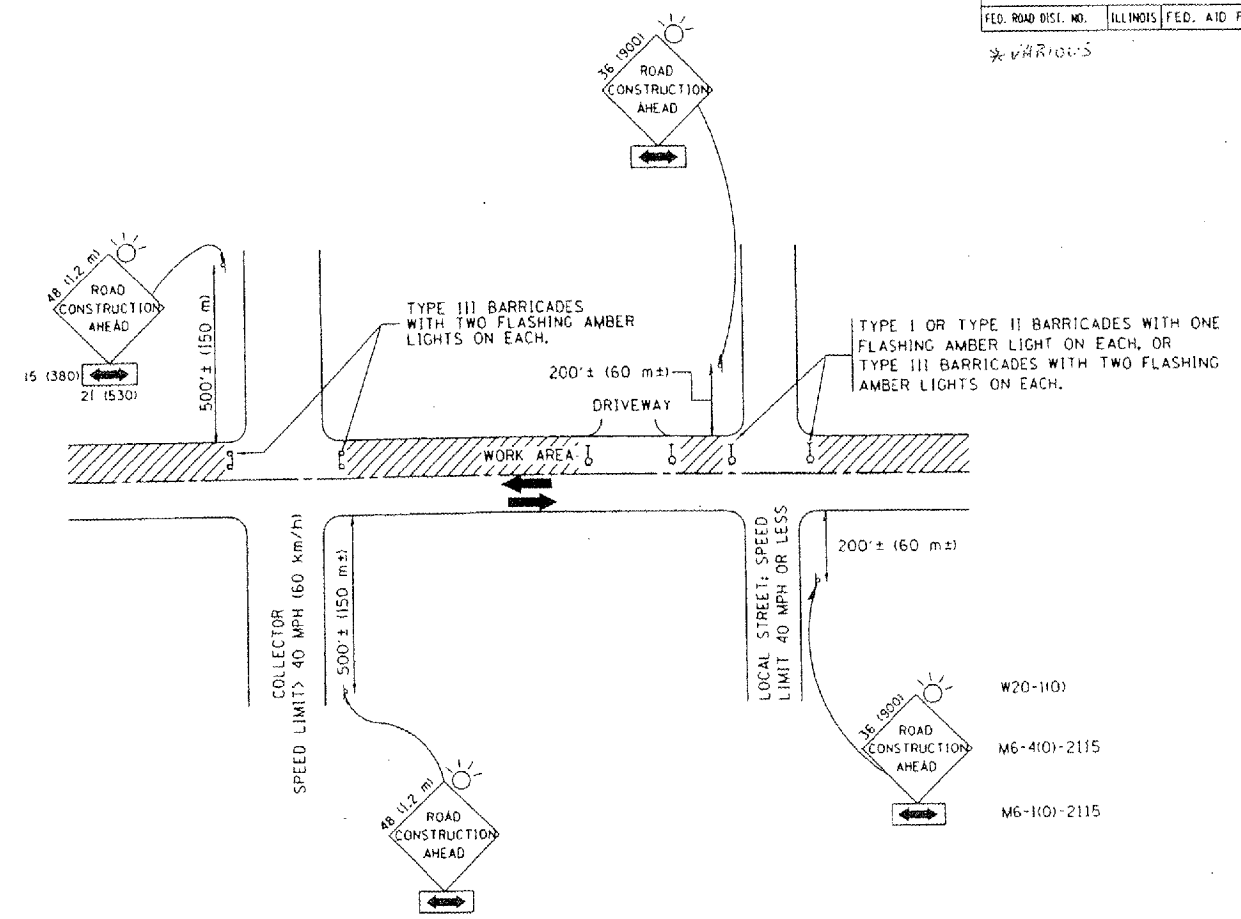
LOCATION NO. 3

NOTES ON SETTING OF ANCHOR BOLTS AT EXP. BRGS.

- 1) D* (SIDE OF BRG. AWAY FROM FIXED BRG.)
- D* = 1/8" PER EACH 100' OF EXPANSION FOR EVERY 15° FALL BELOW THE NORMAL TEMP. OF 50°F.
- D** (SIDE OF BRG. TOWARD FIXED BRG.)
- D** = 1/8" PER EACH 100' OF EXPANSION FOR EVERY 15° RISE ABOVE THE NORMAL TEMP. OF 50°F.
- 2) AFTER BEAMS HAVE BEEN ERECTED AND DIMENSIONS D* OR D** DETERMINED, HOLES SHALL BE DRILLED AND ANCHOR BOLTS SHALL BE GROUTED IN PLACE. ALL FIXED ANCHOR BOLTS MAY BE BUILT INTO THE MASONRY.

F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
* 2006-0197	COOK		37	36
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* VARIOUS



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.

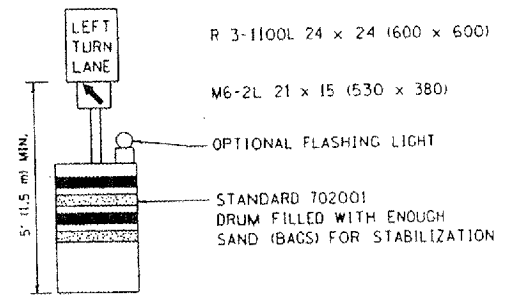
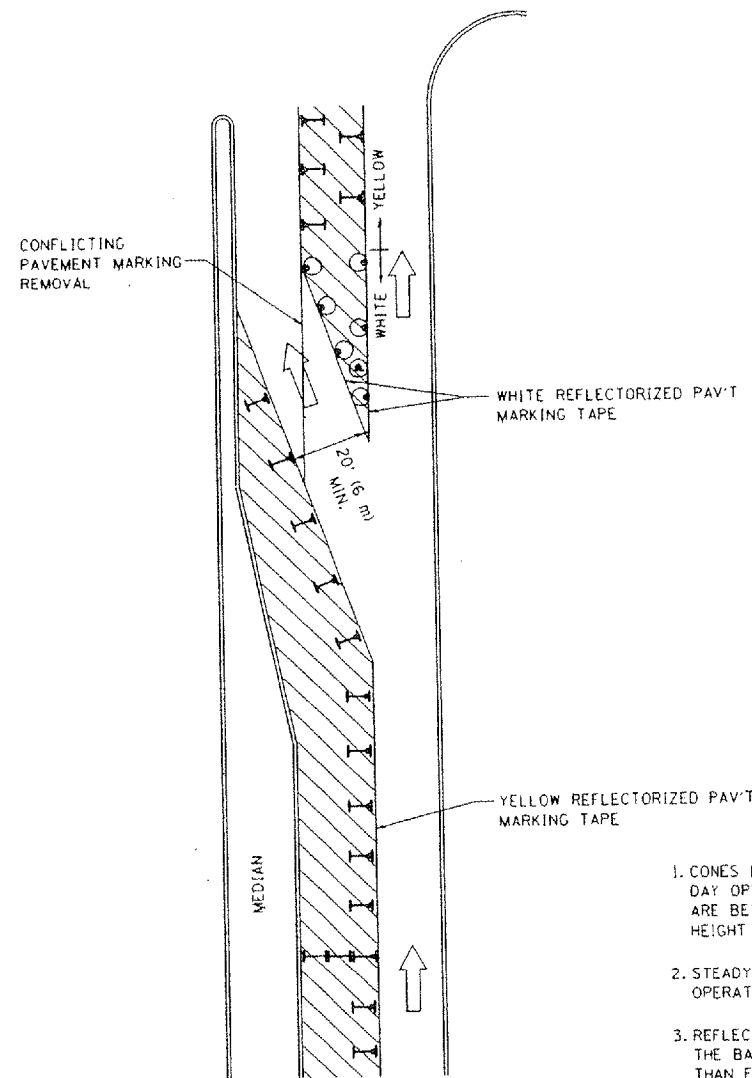
All dimensions are in millimeters (inches) unless otherwise shown.

REVISIONS	
NAME	DATE
LHA	6/89
T. RAMMACHER	09/08/94
J. OBERLE	10/18/95
A. HOUSEH	03/06/96
A. HOUSEH	10/15/96
T. RAMMACHER	01/06/00

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TRAFFIC CONTROL AND PROTECTION
 FOR
 SIDE ROADS, INTERSECTIONS, AND
 DRIVEWAYS

SCALE: NONE
 DRAWN BY: _____
 CHECKED BY: _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
* 2006-01987	COOK	37	37	
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* VARIOUS				



GENERAL NOTES

1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM BT 725 IS REQUIRED.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

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

REVISIONS	
NAME	DATE
T. RAMMACHER	09/08/94
A. HOUSEH	11/07/95
A. HOUSEH	10/12/96
T. RAMMACHER	01/06/00

ILLINOIS DEPARTMENT OF TRANSPORTATION
**TRAFFIC CONTROL AND PROTECTION
 AT TURN BAYS
 (TO REMAIN OPEN TO TRAFFIC)**

SCALE: NONE
 DRAWN BY
 CHECKED BY LHA
 TC-14