

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAI 90/94	2010-129 I	COOK	41	1

FOR INDEX OF SHEETS SEE SHEET 2

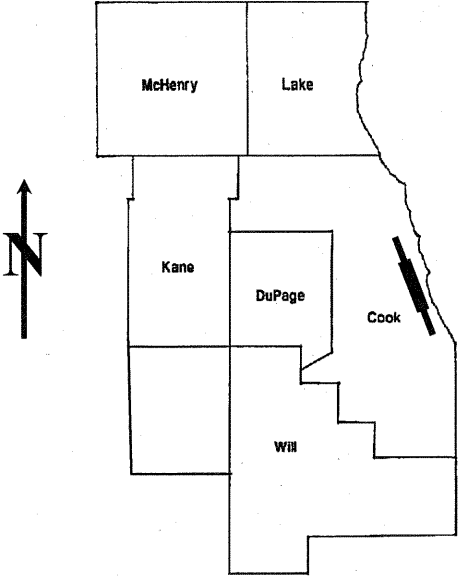
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
DISTRICT ONE
PROPOSED HIGHWAY PLANS

IMPROVEMENTS ARE LOCATED IN
THE CITY OF CHICAGO

FAI RTE 90/94: I-90/94 (KENNEDY EXPY)
AT VARIOUS LOCATIONS
(I-94/ EDENS JCT. TO NORTH AVE-
MAINLINE BRIDGES)
SECTION 2010-129-I
BRIDGE DECK SEALING
COOK COUNTY
C-91-209-11

CONTRACT NO. 60N03

D-91-209-11



LOCATION OF IMPROVEMENT
INDICATED THUS: 

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED: OCTOBER 29, 2010

Diane M. O'Keefe *sk*
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Dec 10 2010
Scott E. Still *P.E.*
acting ENGINEER OF DESIGN AND ENVIRONMENT

Dec 10 2010
Christine M. Reed *sk*
DIRECTOR, DIVISION OF HIGHWAYS

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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

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

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ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
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GENERAL NOTES

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

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

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.

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

EXISTING PAVEMENT MARKINGS SHALL BE TEMPORARILY COVERED PRIOR TO APPLICATION OF THE DECK SURFACE TREATMENT, TO PREVENT THE MATERIAL FROM BEING APPLIED TO THE MARKINGS. THE TEMPORARY COVERING SHALL BE REMOVED AFTER APPLICATION OF THE DECK SURFACE TREATMENT AND PRIOR TO OPENING TO TRAFFIC. COST IS INCLUDED WITH THE DECK SURFACE TREATMENTSPECIFIED.

STATE STANDARDS

- 701400-05 APPROACH TO LANE CLOSURE, FREEWAY / EXPRESSWAY
- 701401-06 LANE CLOSURE , FREEWAY / EXPRESSWAY
- 701411-07 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
- 701446-02 TWO LANE CLOSURE, FREEWAY / EXPRESSWAY
- 701801-04 LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
- 701901-01 TRAFFIC CONTROL DEVICES

ILLINOIS DEPARTMENT OF
TRANSPORTATION

GENERAL NOTES
STATE STANDARDS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAI 90/94	2010-129 I	COOK	41	4

CONTRACT NO. 60N03

SUMMARY OF QUANTITIES							
CODE NO	DESCRIPTION	UNITS	URBAN TOTAL <i>100% STATE</i>	CONSTRUCTION TYPE CODE: 0014			
58700300	CONCRETE SEALER	SQ FT	1505750				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3				
67100100	MOBILIZATION	L SUM	1				
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1				
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1				
Z0026346	NIGHTTIME WORK ZONE LIGHTING	L SUM	1				
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1				

ILLINOIS DEPARTMENT OF
TRANSPORTATION

SUMMARY OF QUANTITIES

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAI 90/94	2010-129 I	COOK	41	5

CONTRACT: 60N03

	SN 016-0204	SN 016-1003	SN 016-2551	SN 016-0135	SN 016-0134	SN 016-0133	SN 016-0132	SN 016-0131	SN 016-0130	SN 016-0129	SN 016-0128	SN 016-2654	SN 016-0127	SN 016-0125	SN 016-1073
Location	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CONCRETE SEALER	14140	25290	17310	49050	42040	353240	52620	54760	39380	59000	55000	33760	75380	21440	17750
TRAFFIC CONTROL AND PROTECTION, STANDARD 701801															
RAILROAD PROTECTIVE LIABILITY INSURANCE															
	SN 016-1078	SN 016-1077	SN 016-1076	SN 016-0124	SN 016-1071	SN 016-0123	SN 016-0122	SN 016-0121	SN 016-1109	SN 016-0120	SN 016-0117	SN 016-0118	SN 016-0115	SN 016-0116	SN 016-0113
Location	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
CONCRETE SEALER	26450	17080	18570	17160	19960	32700	16590	63590	17080	29820	17640	24080	39720	28360	18890
TRAFFIC CONTROL AND PROTECTION, STANDARD 701801															
RAILROAD PROTECTIVE LIABILITY INSURANCE															

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
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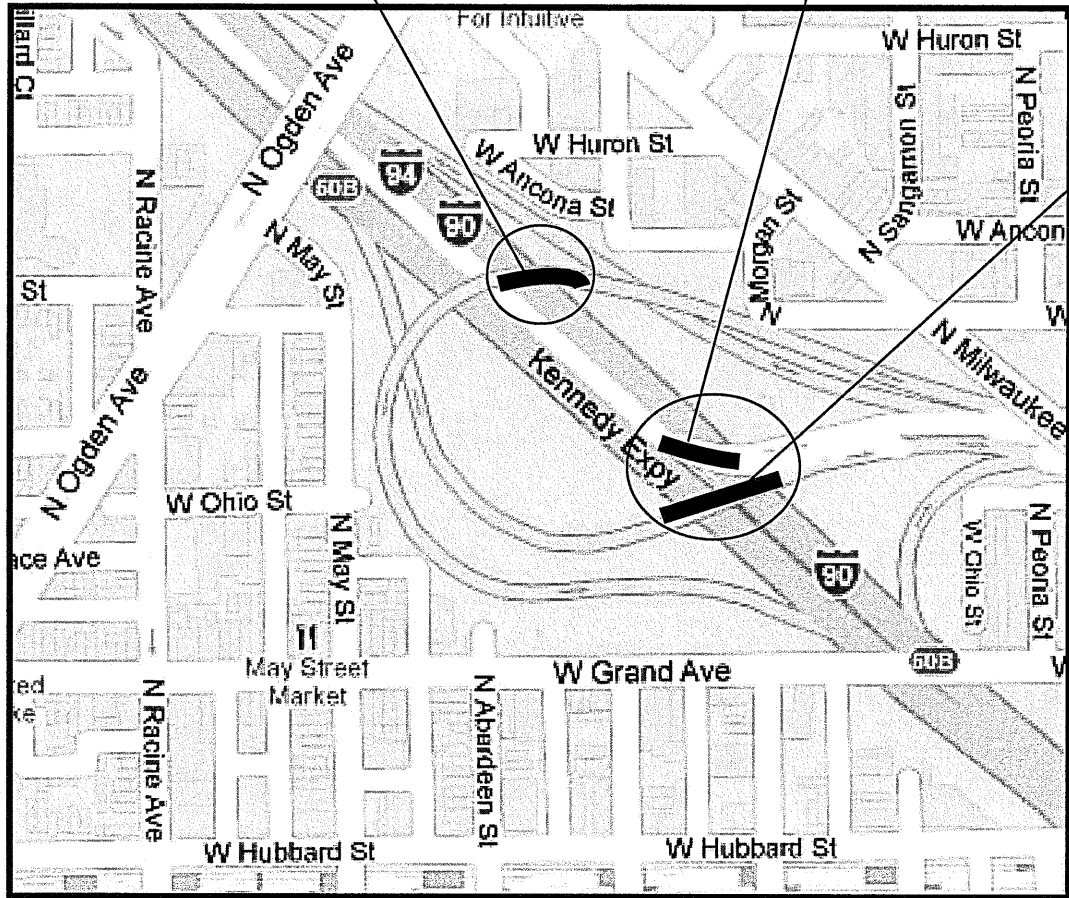
CONTRACT NO. 60N03

LOCATION 2: SN 016-1003
OHIO ST WB TO I-90/94 SB
OVER I-90/94 JFK

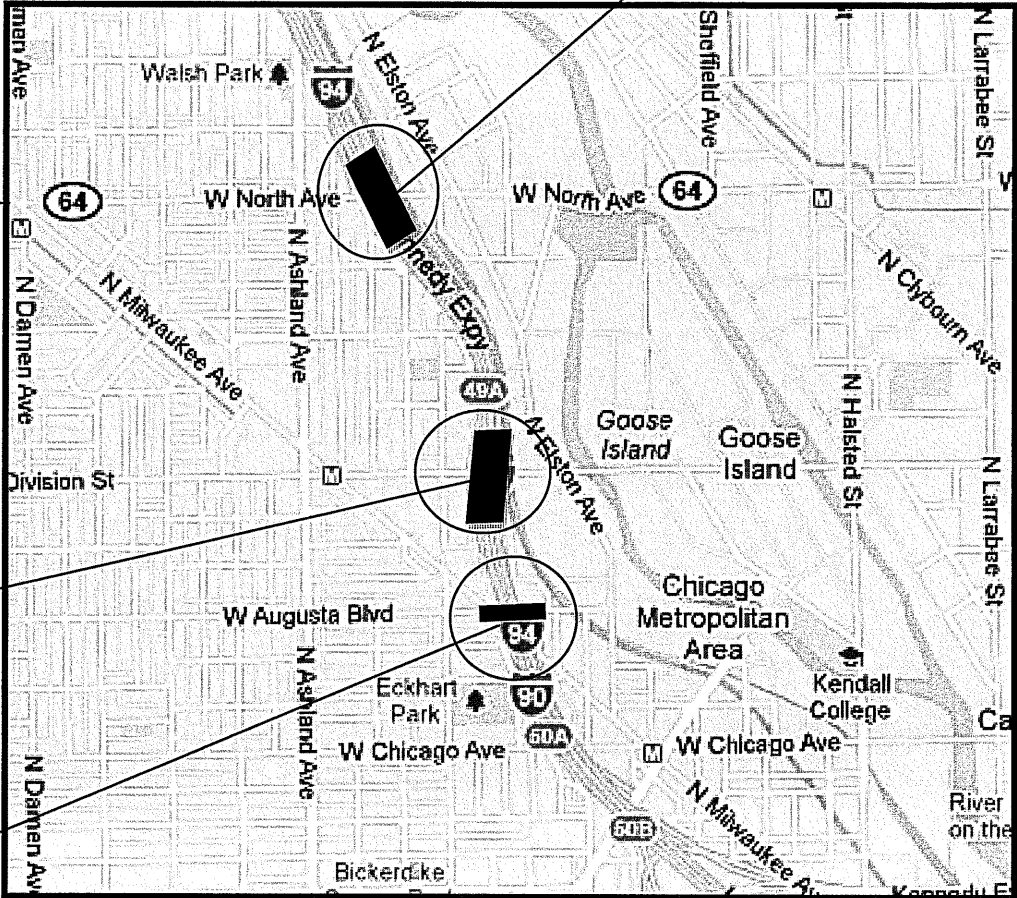
LOCATION 3: SN 016-2551
I-90/94 REVERSIBLE LANES
TO OHIO ST
OVER I-90/94 NWB JFK

LOCATION 1: SN 016-0204
I-90/94 EB TO OHIO ST
OVER I-90/94 JFK

LOCATION 5: SN 016-0134
I-90/94 JFK
OVER IL 64 (NORTH AVE)



WEST TOWNSHIP



WEST TOWNSHIP

TRAFFIC DATA

I-90/94

LOCATION 1:
2002 ADT = 22900
POSTED SPEED LIMIT = 45 MPH

LOCATIN 3; 4; 5:
2008 ADT = 289800
POSTED SPEED LIMIT = 55 MPH

OHIO STREET

LOCATION 2:
2006 ADT = 39600
POSTED SPEED LIMIT = 30 MPH

RAMP TO AUGUSTA BLVD

LOCATION 36:
2002 ADT =19200

ILLINOIS DEPARTMENT OF
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LOCATION MAP
LOCATION 1- 5 & 36

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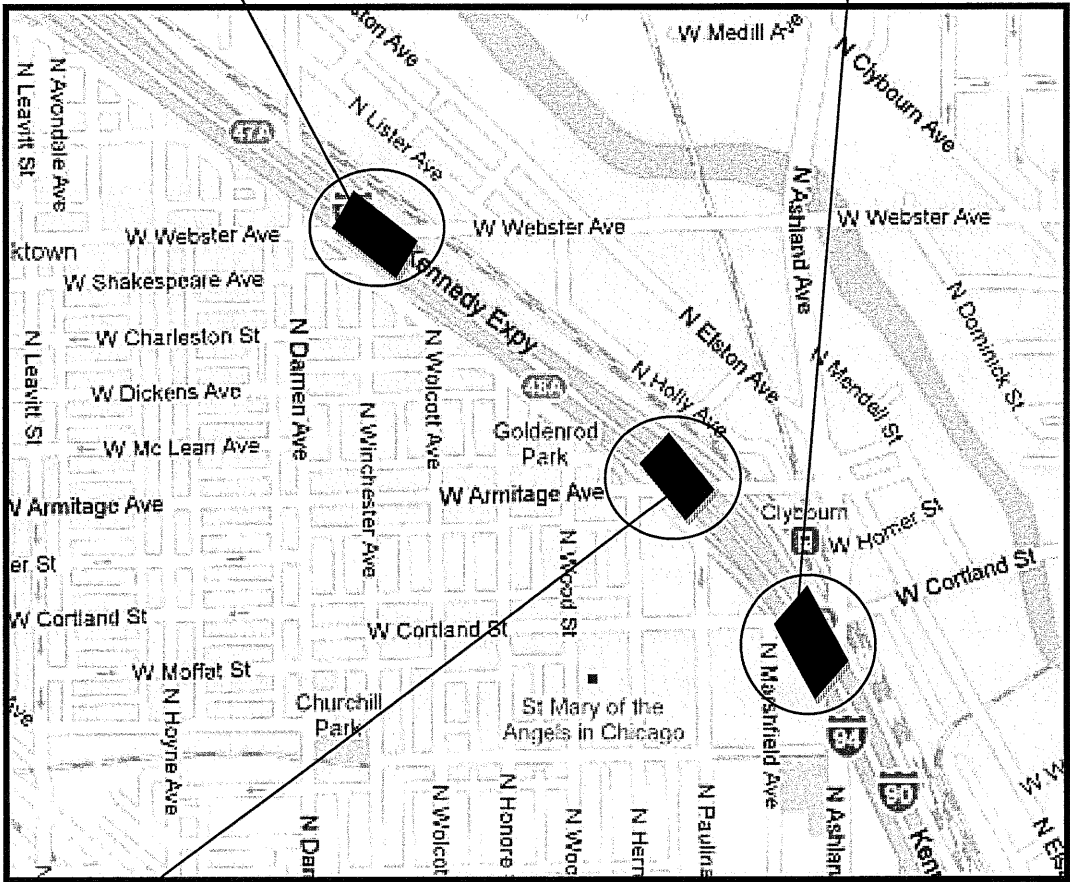
LOCATION 8: SN 016-0131
I-90/94 JFK
OVER WEBSTER AVE

LOCATION 6: SN 016-0133
I-90/94 JFK
OVER ASHLAND AVE

LOCATION 13: SN 016-0127
I-90/94 JFK
OVER LOGAN BLVD

LOCATION 11: SN 016-0128
I-90/94 JFK
OVER WESTERN AVE

R 14 E

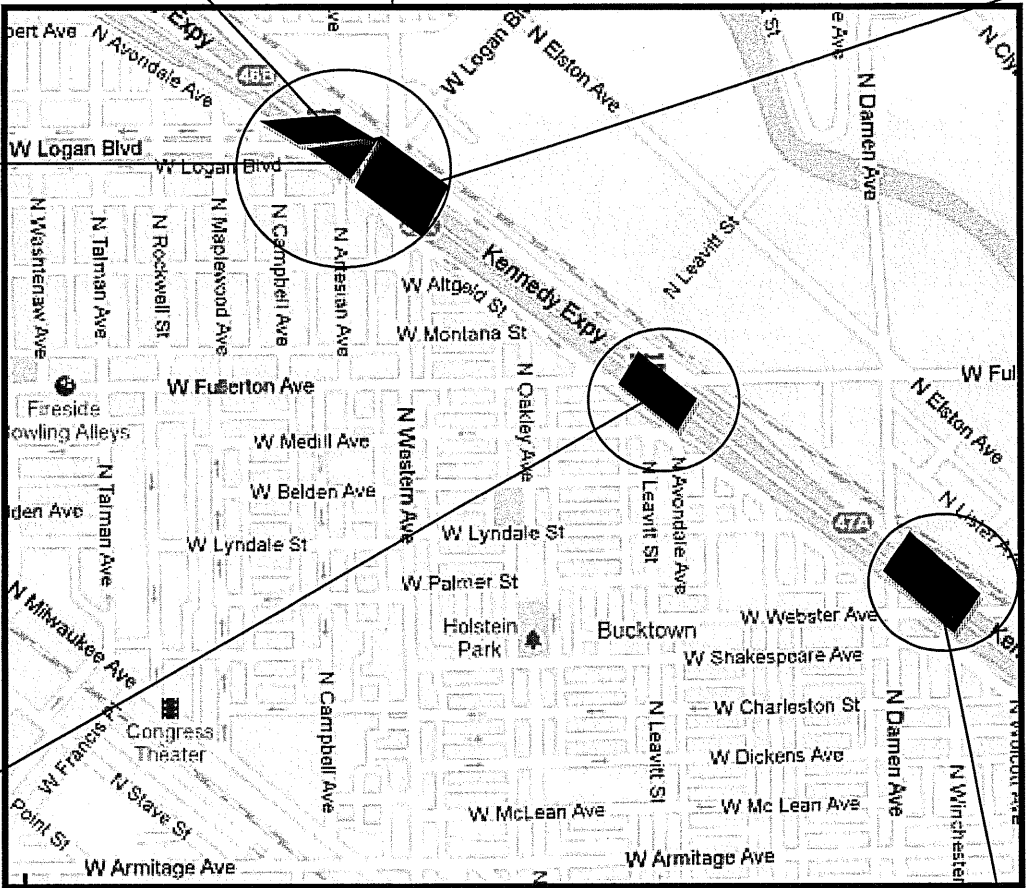


WEST TOWNSHIP

LOCATION 7: SN 016-0132
I-90/94 JFK
OVER ARMITAGE AVE

LOCATION 12: SN 016-2654
I-90/94 JFK
OVER VAULTED AREA

LOCATION 10: SN 016-0129
I-90/94 JFK
OVER FULLERTON AVE



WEST TOWNSHIP

LOCATION 9: SN 016-0130
I-90/94 JFK
OVER DAMEN AVE

TRAFFIC DATA

I-90/94 JFK

2008 ADT = 305200
POSTED SPEED LIMIT = 55 MPH

ILLINOIS DEPARTMENT OF
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LOCATION MAP
LOCATION 6-13

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAI 90/94	2010-129-I	COOK	41	9

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TRAFFIC DATA

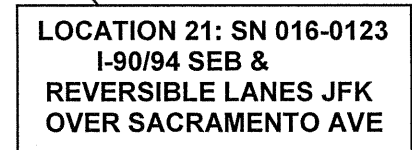
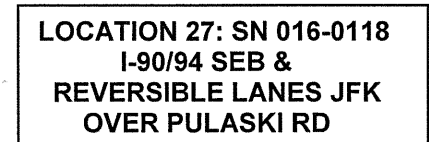
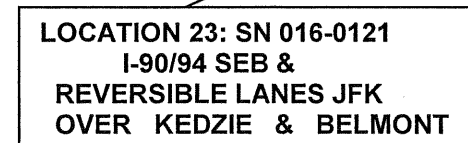
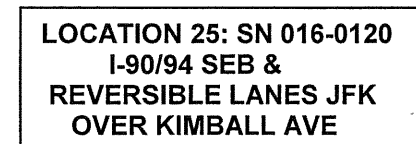
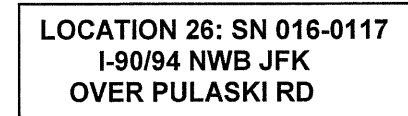
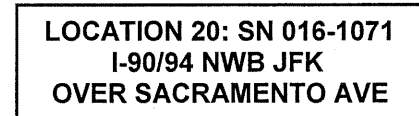
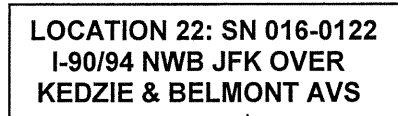
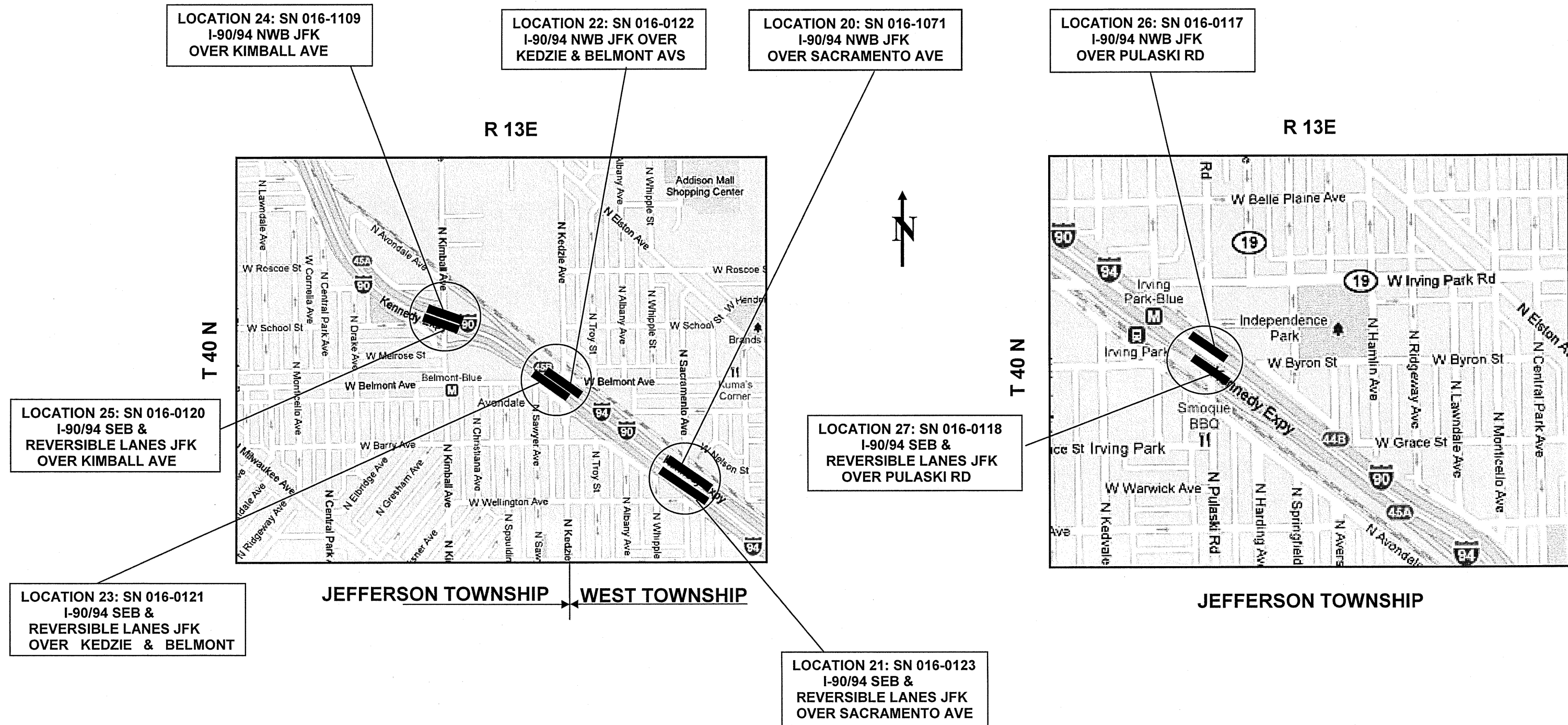
I-90/94
2008 ADT = 289600
POSTED SPEED LIMIT = 55 MPH

ILLINOIS DEPARTMENT OF
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LOCATION MAP
LOCATION 14-19

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
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JEFFERSON TOWNSHIP | **WEST TOWNSHIP**

TRAFFIC DATA

I-90/94

2008 ADT = 310000
POSTED SPEED LIMIT = 55 MPH

**ILLINOIS DEPARTMENT OF
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LOCATION MAP
LOCATION 20-27

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAI 90/94	2010-129-I	COOK	41	11

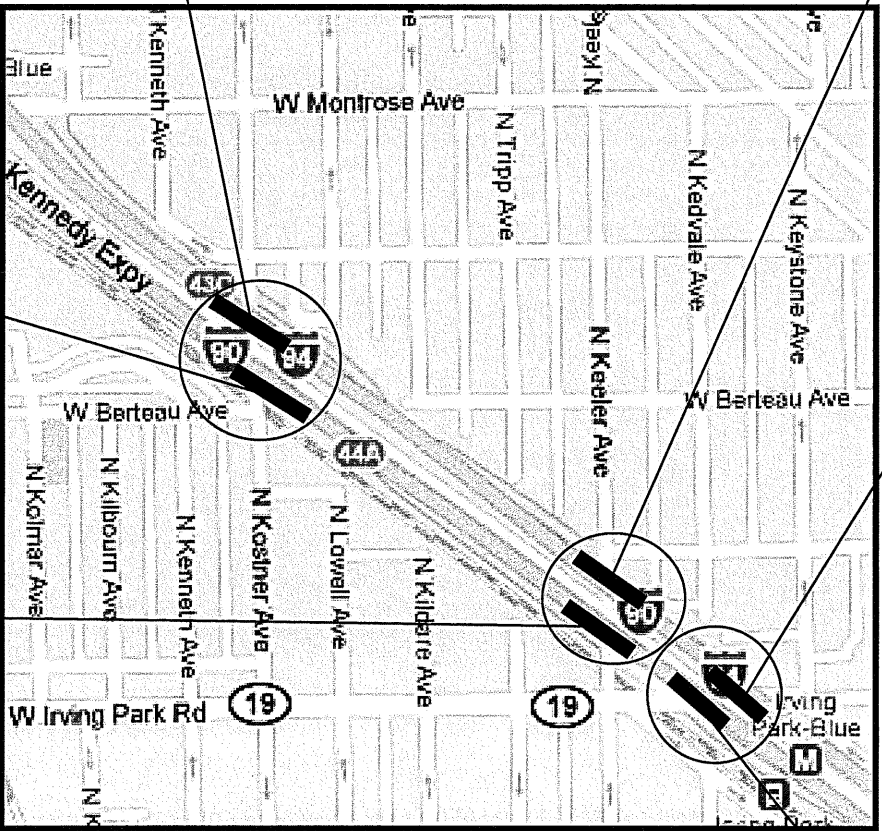
CONTRACT NO. 60N03

LOCATION 32: SN 016-0111
I-90/94 NWB JFK
OVER KOSTNER AVE

LOCATION 30: SN 016-0113
I-90/94 NWB JFK
OVER KEELER AVE

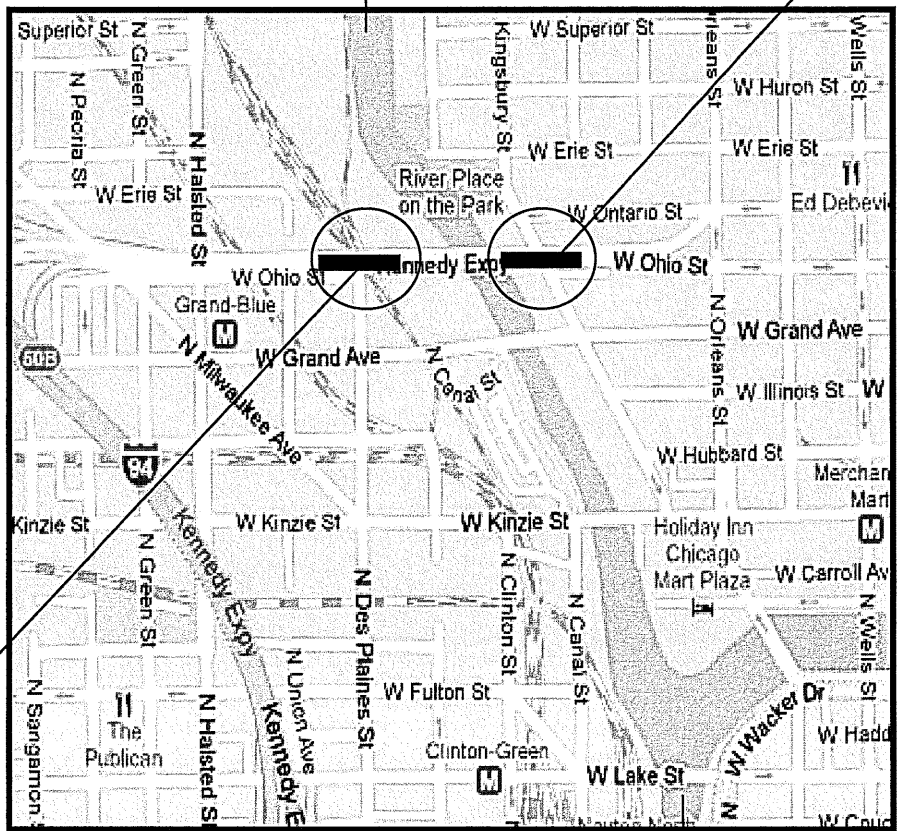
LOCATION 35: SN 016-1053
OHIO ST FEEDER E APP
OVER KINGSBURY ST

R 13E



JEFFERSON TOWNSHIP

WEST TOWNSHIP NORTH TOWNSHIP
R 14E



WEST TOWNSHIP NORTH TOWNSHIP

LOCATION 33: SN 016-0112
I-90/94 SEB JFK
OVER KOSTNER AVE

LOCATION 29: SN 016-0116
I-90/94 NWB JFK OVER
IL 19 (IRVING PARK RD)

LOCATION 31: SN 016-0114
I-90/94 SEB &
REVERSIBLE LANES JFK
OVER KEELER AVE

LOCATION 34: SN 016-1061
OHIO ST FEEDER W. APP
OVER RR - UP, TRIB PARKING

LOCATION 28: SN 016-0115
I-90/94 SEB &
REVERSIBLE LANES JFK
OVER IL19 (IRVING PARK RD)

TRAFFIC DATA

I-90/94

LOCATION 28 THROUGH 33:
2008 ADT = 326800
POSTED SPEED LIMIT = 55 MPH

OHIO ST FEEDER

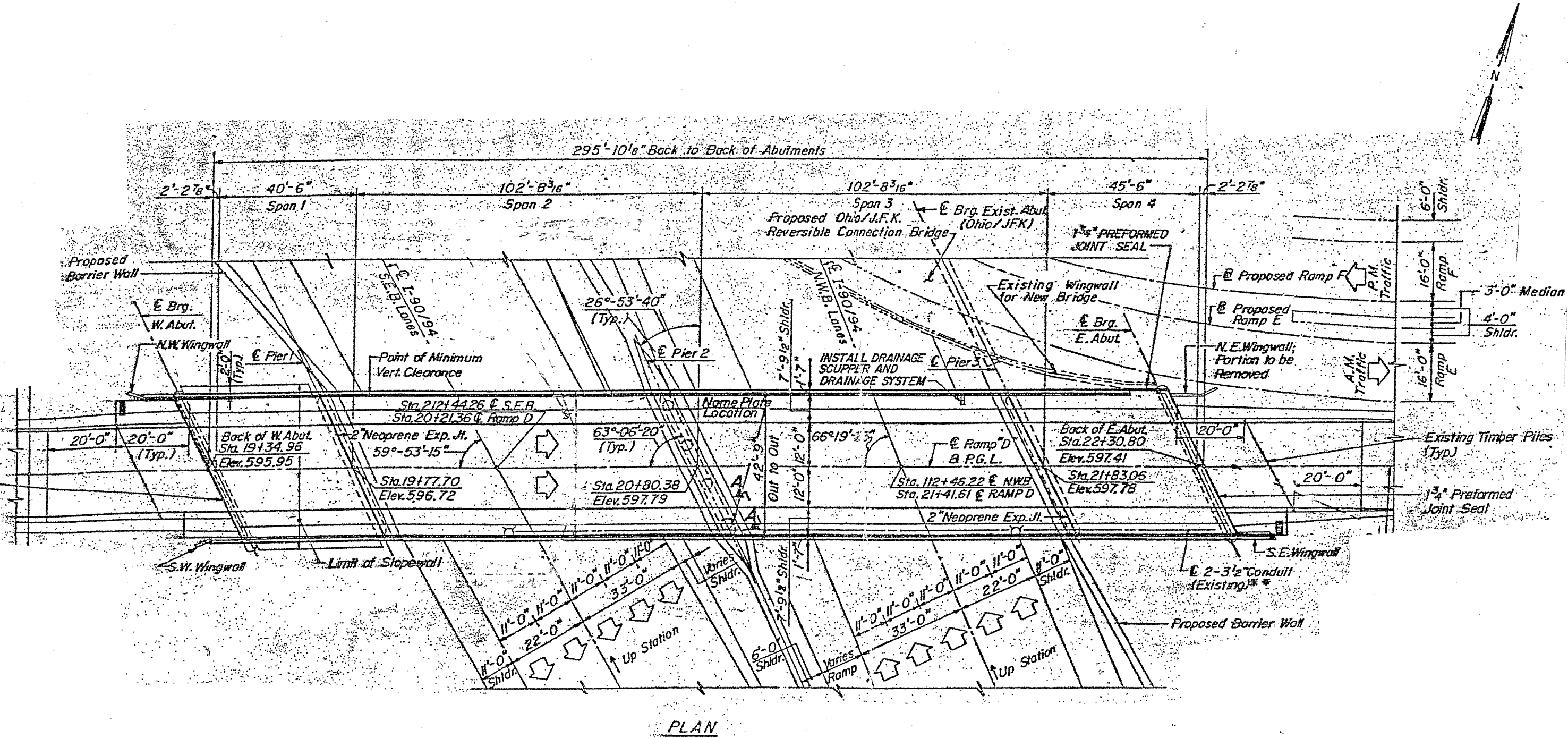
LOCATION 34 & 35:
2006 ADT = 39600
POSTED SPEED LOMIT = 40 MPH

ILLINOIS DEPARTMENT OF
TRANSPORTATION

LOCATION MAP
LOCATION 28-35

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
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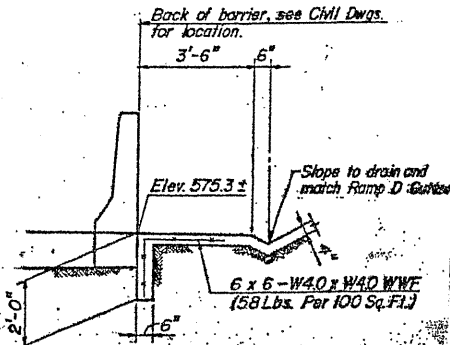
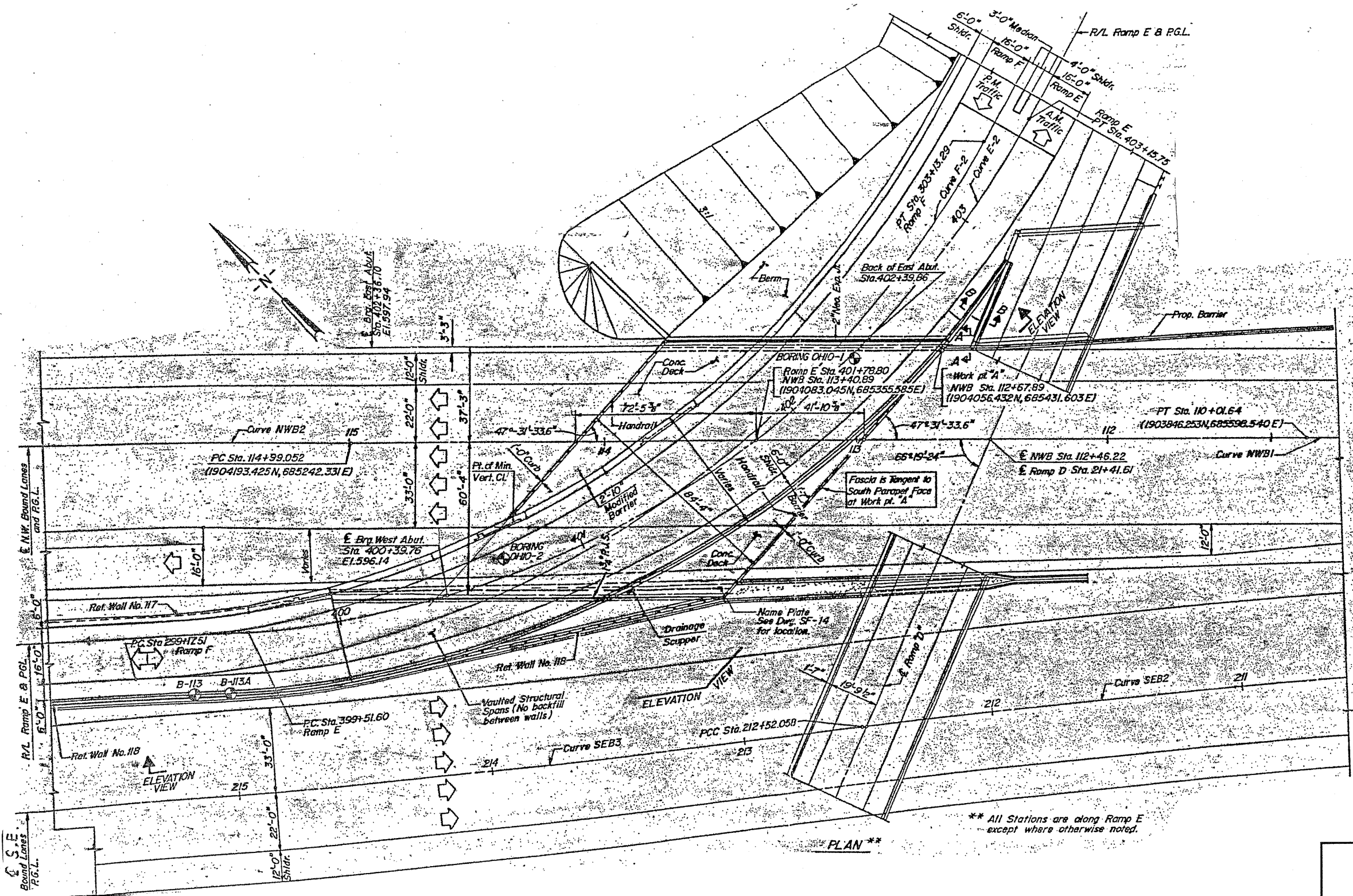
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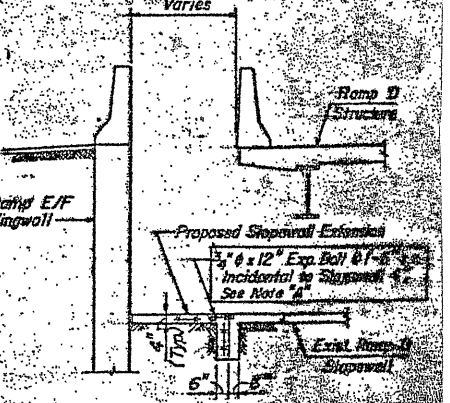
EXISTING PLANS
LOCATION 1 (SN 016-0204)

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
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SECTION A - A



SECTION B - B

Note "A"
Expansion bolts shall consist of approved expansion anchors, providing minimum certified proof load - 4,090 lbs., and 3/4" x 12" hooked bolts.

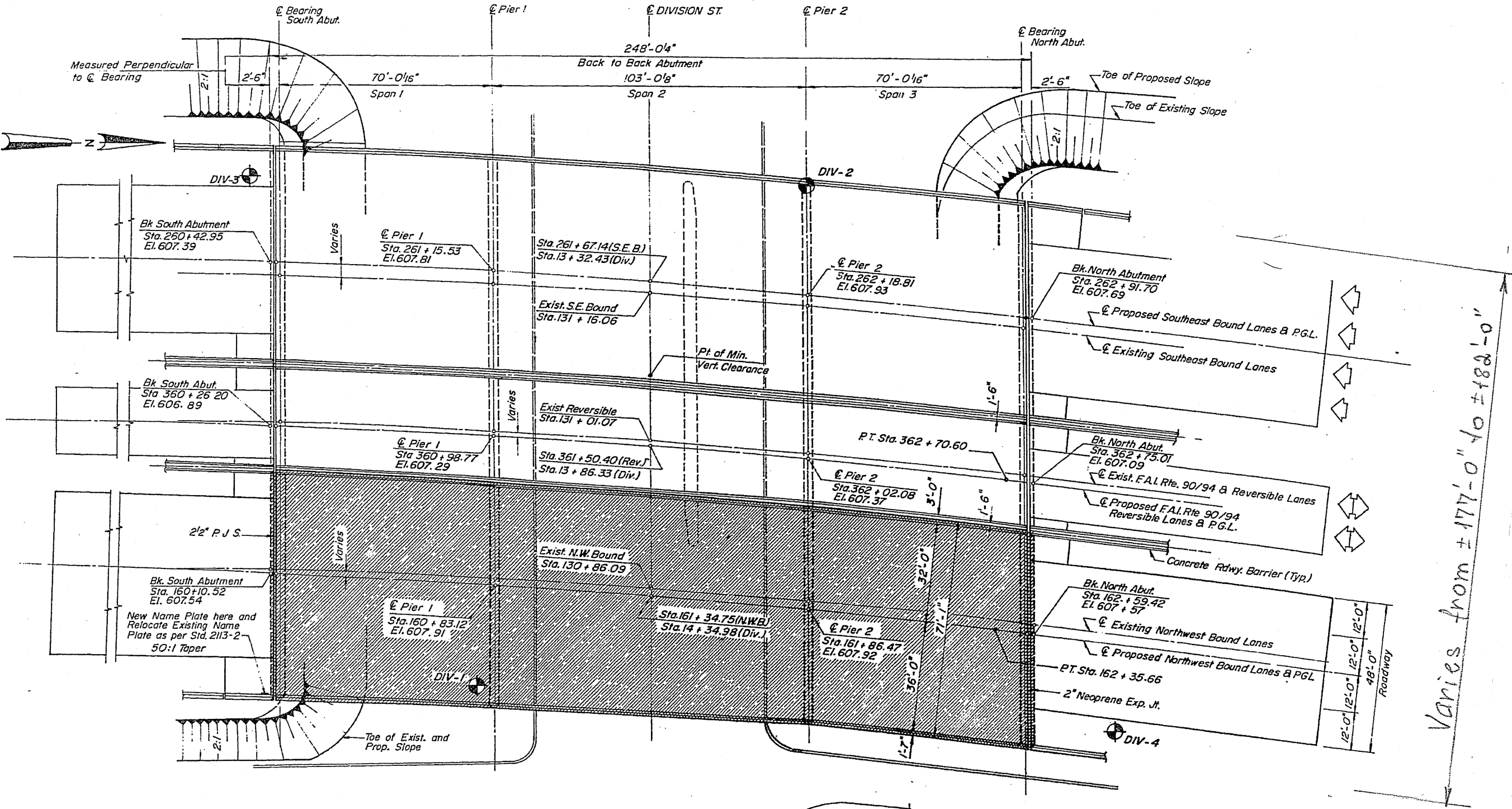
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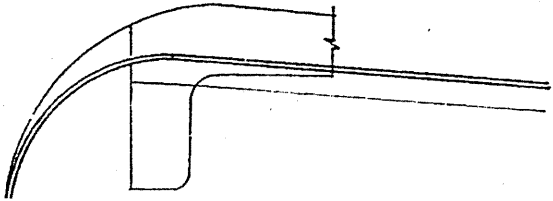
EXISTING PLANS
LOCATION 3 (SN 016-2551)

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
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PLAN



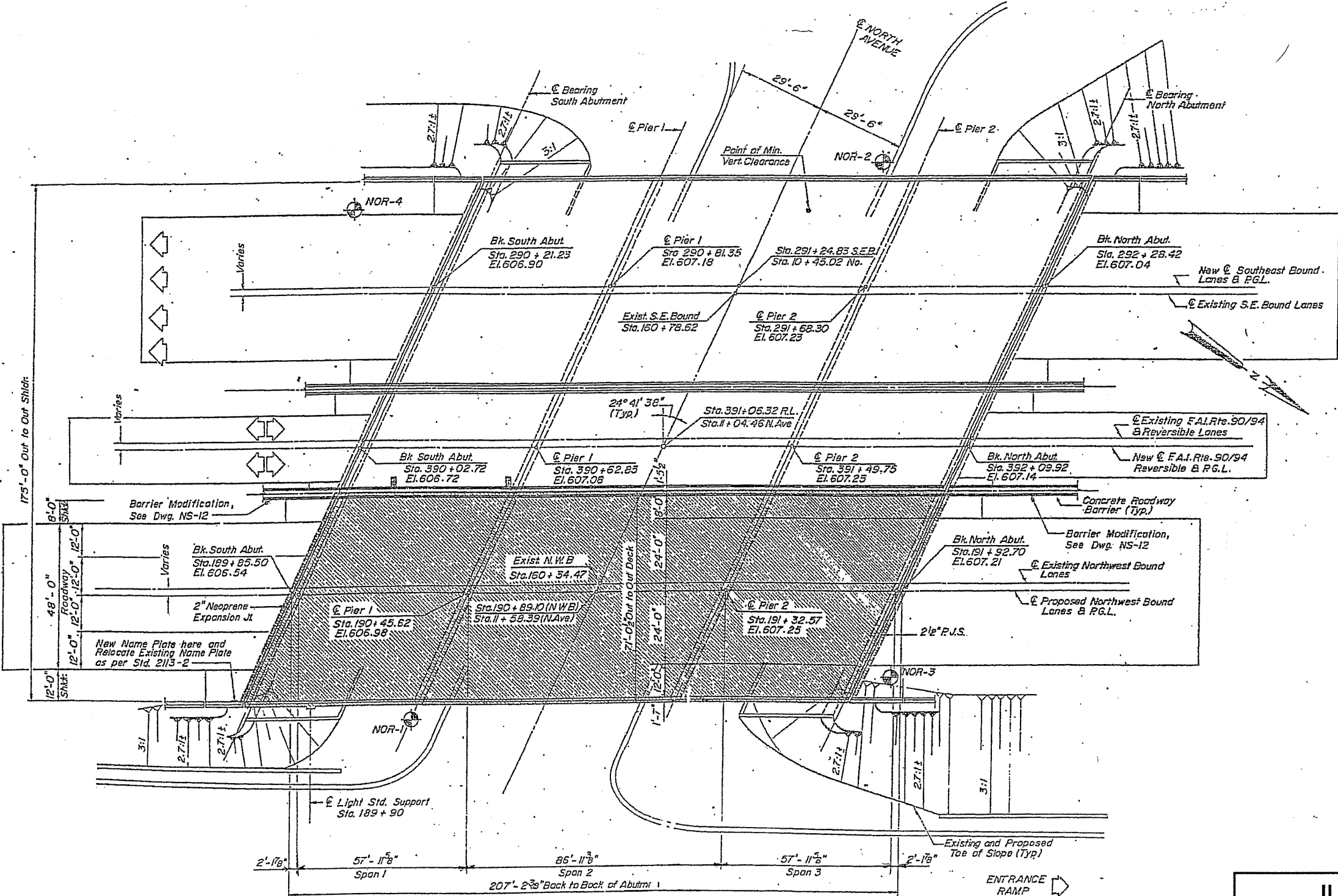
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TRANSPORTATION

EXISTING PLANS
LOCATION 4 (SN 016-0135)

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 90/94	2010-129-I	COOK	44	16

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PLAN

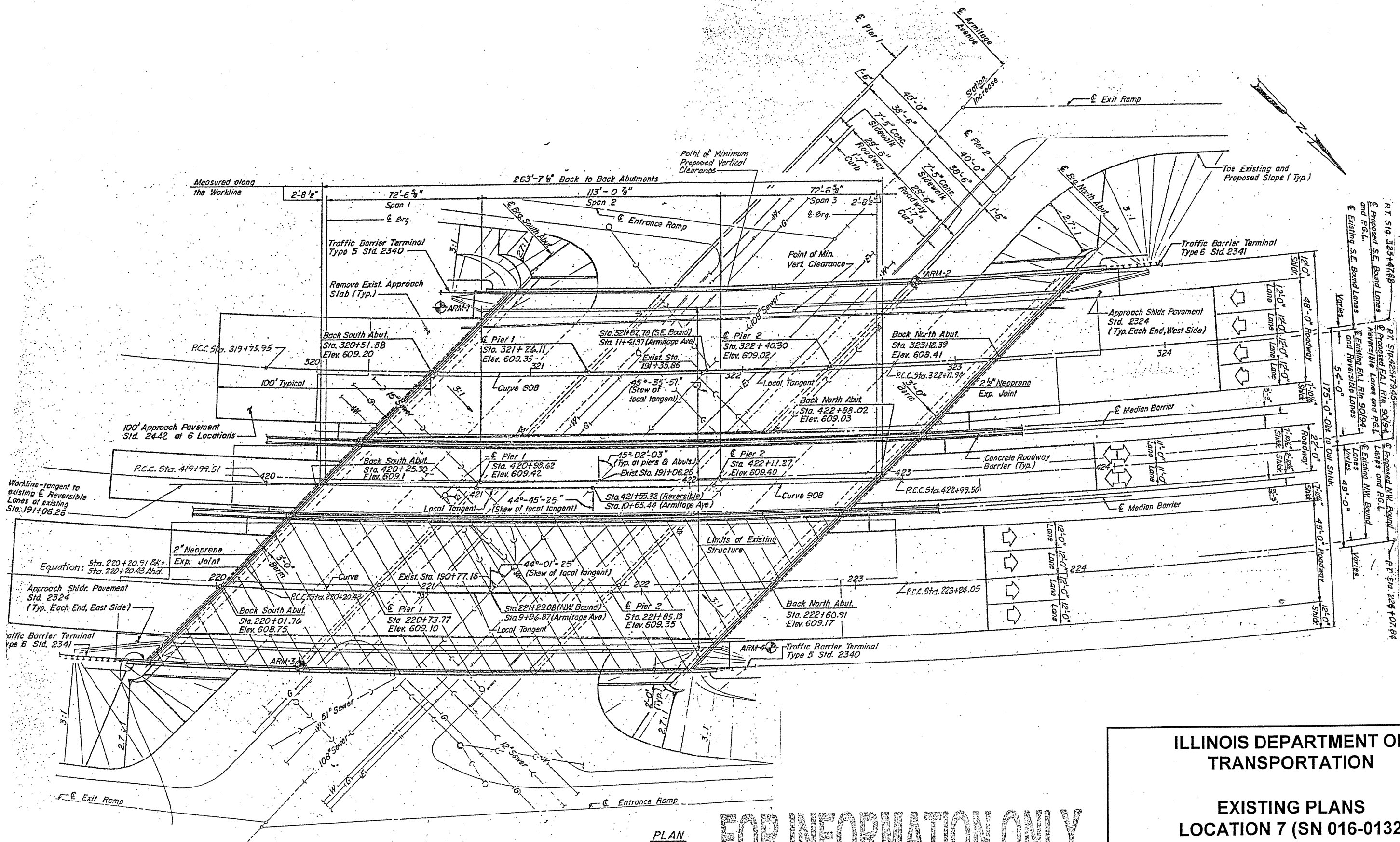
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EXISTING PLANS
LOCATION 5 (SN 016-0134)

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 90/94	2010-129-I	COOK	44	19

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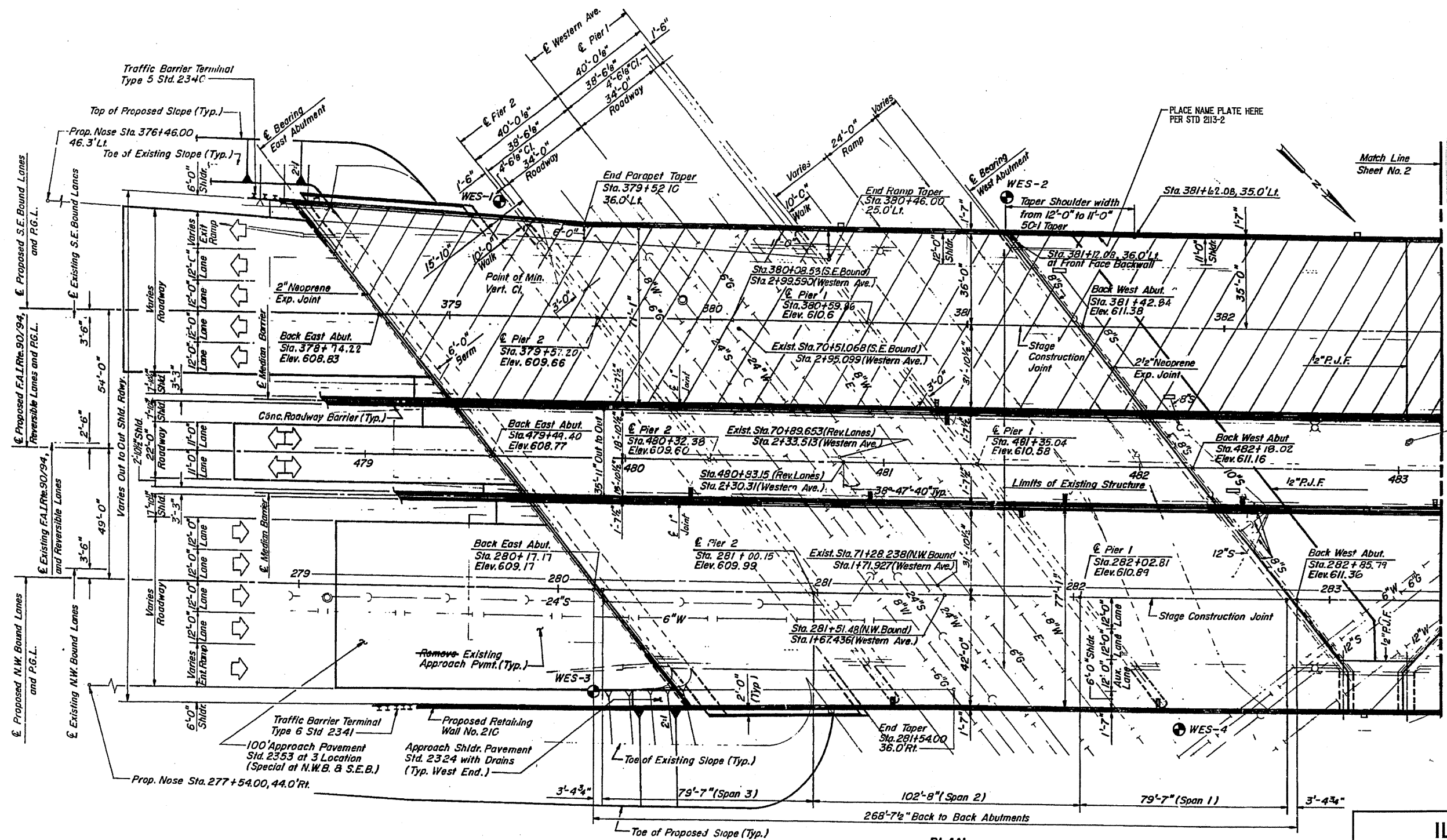
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EXISTING PLANS
LOCATION 7 (SN 016-0132)

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
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PLAN

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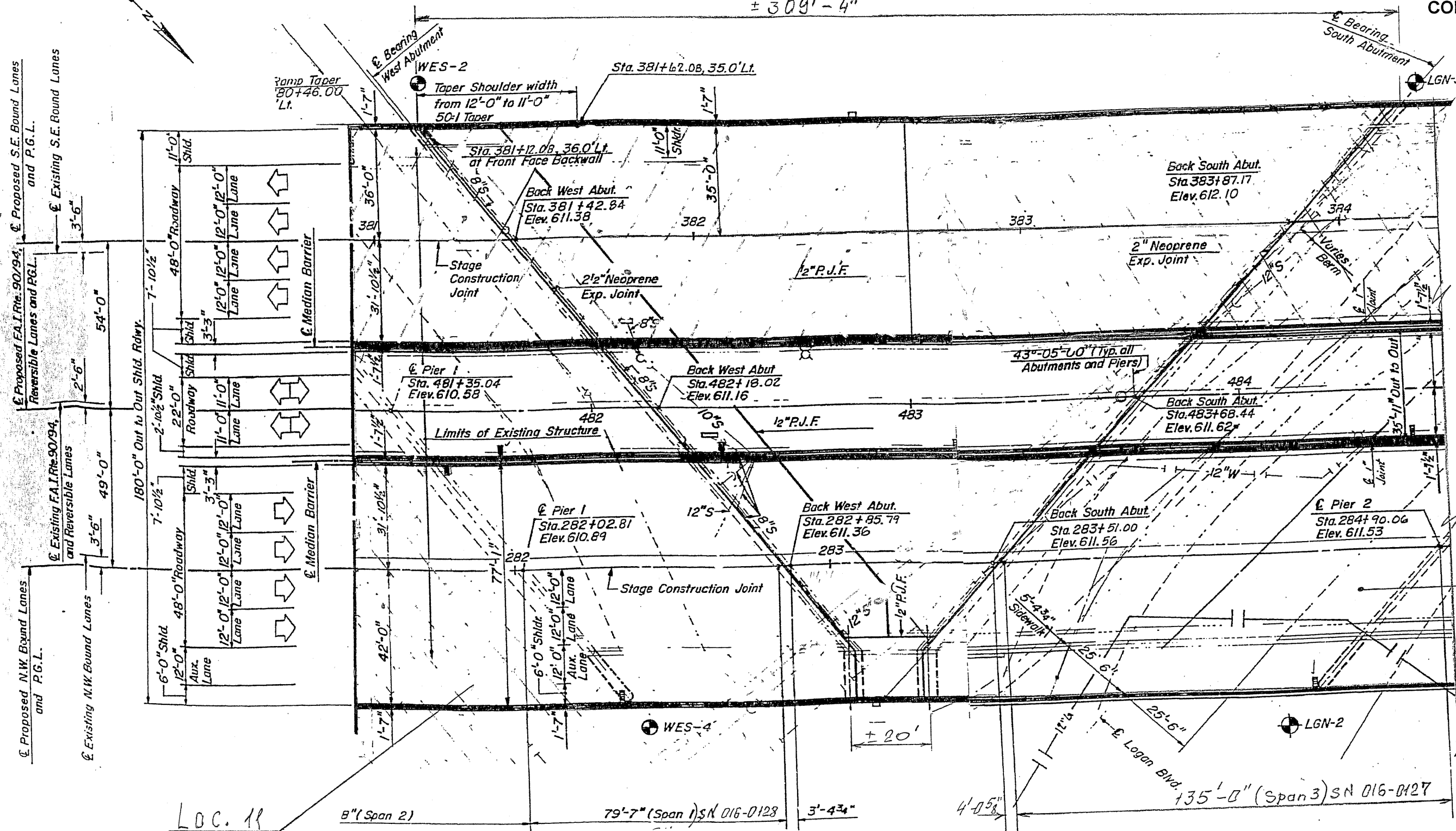
ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING PLANS
LOCATION 11 (SN 016-0128)

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 90/94	2010-129-1	COOK	41	24

± 309'-4"

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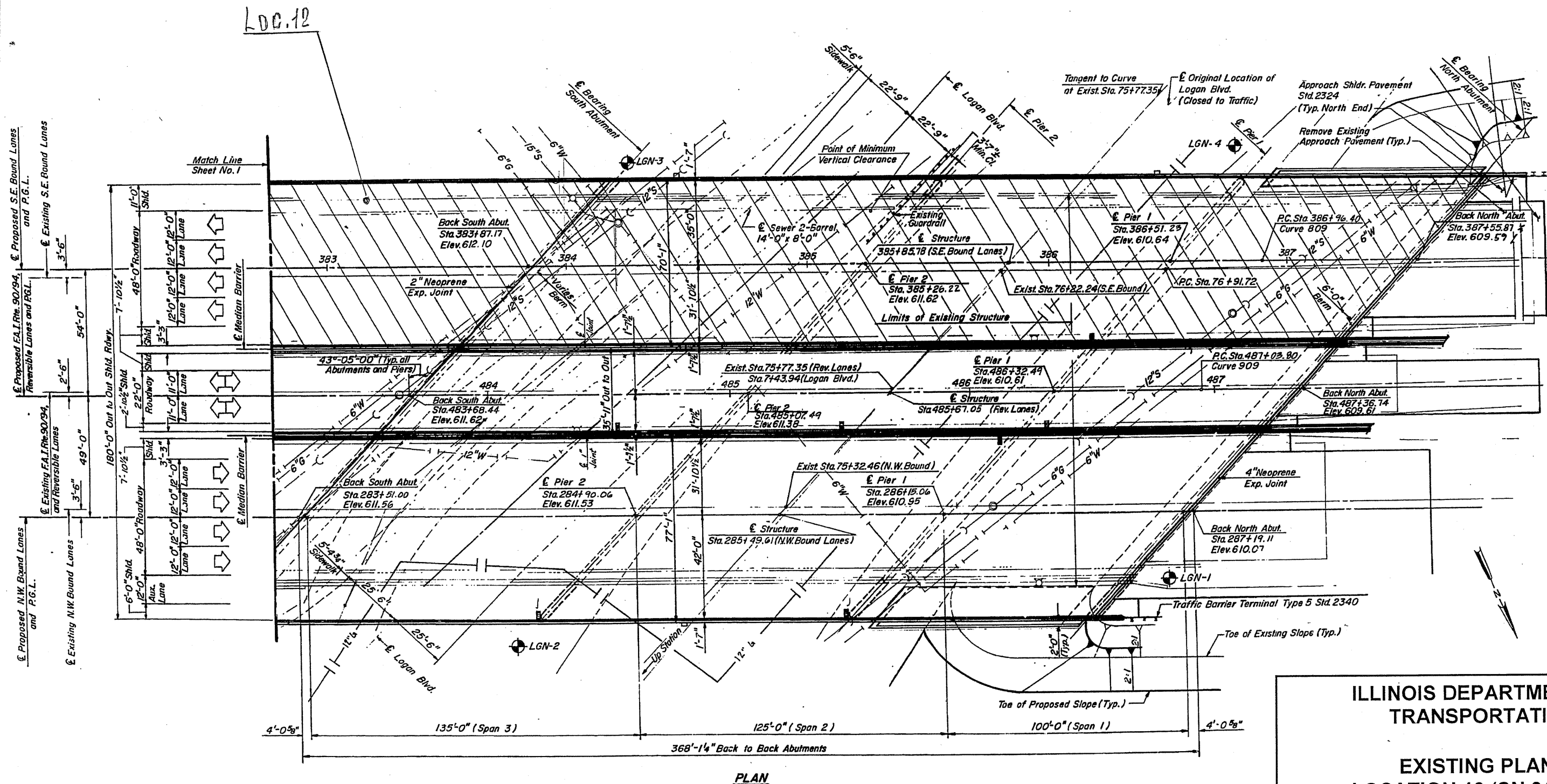
ILLINOIS DEPARTMENT OF
TRANSPORTATION
EXISTING PLANS

LOCATION 12 (SN 016-2654)

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 90/94	2010-129-1	COOK	41	25

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FOR INFORMATION ONLY

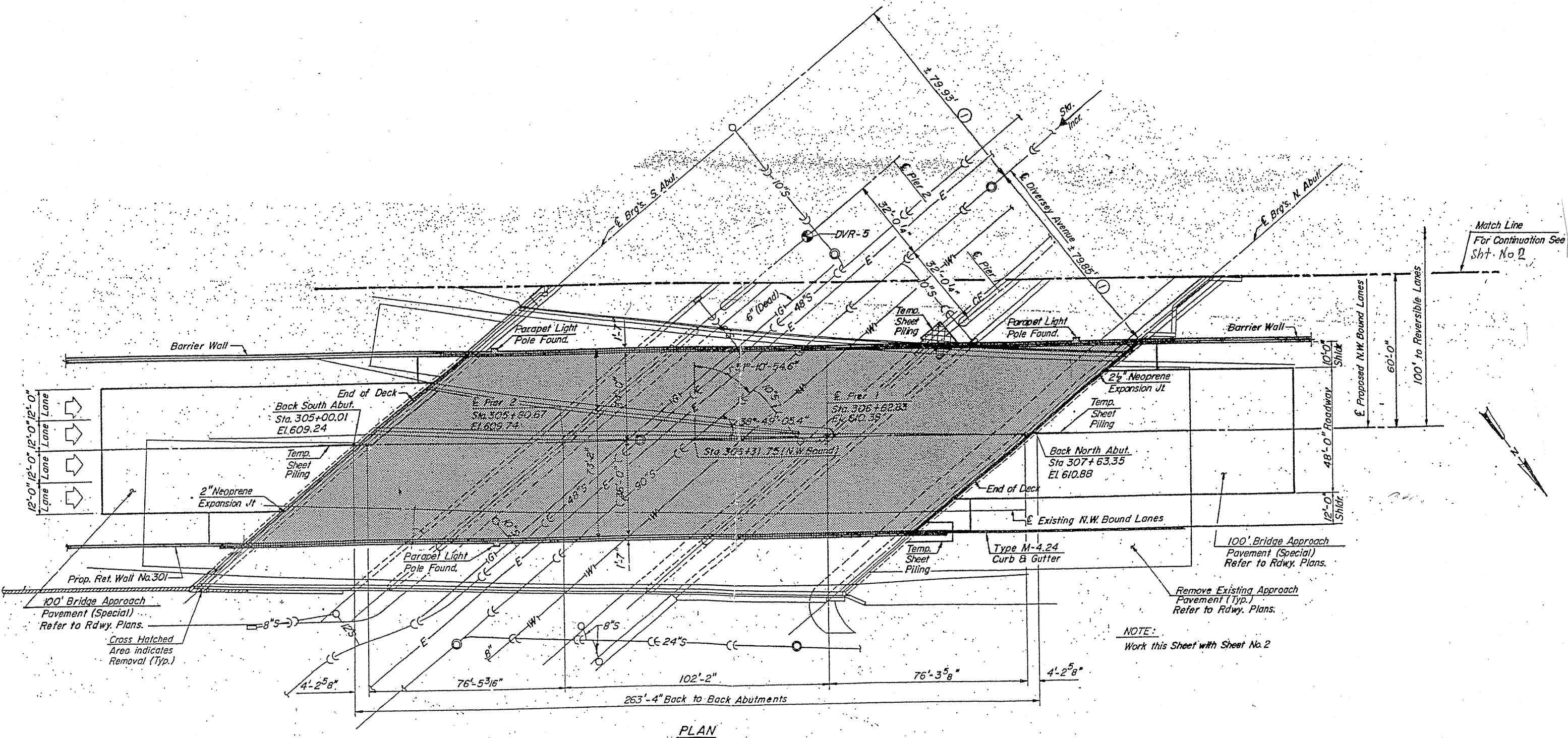


ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING PLANS
LOCATION 13 (SN 016-0127)

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 90/94	2010-129-1	COOK	41	26

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PLAN

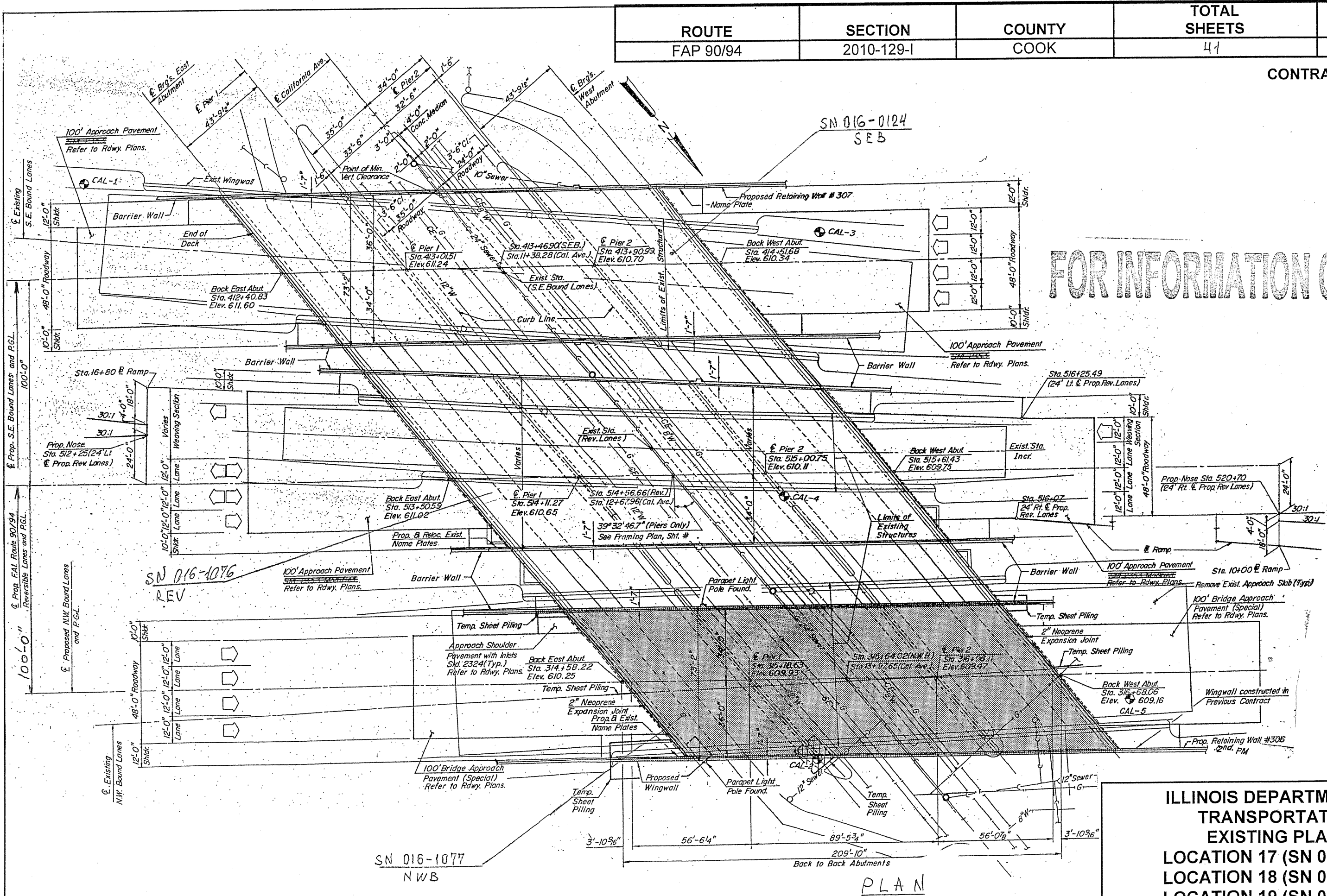
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ILLINOIS DEPARTMENT OF
TRANSPORTATION
EXISTING PLANS

LOCATION 14 (SN 016-0125)

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 90/94	2010-129-1	COOK	41	23

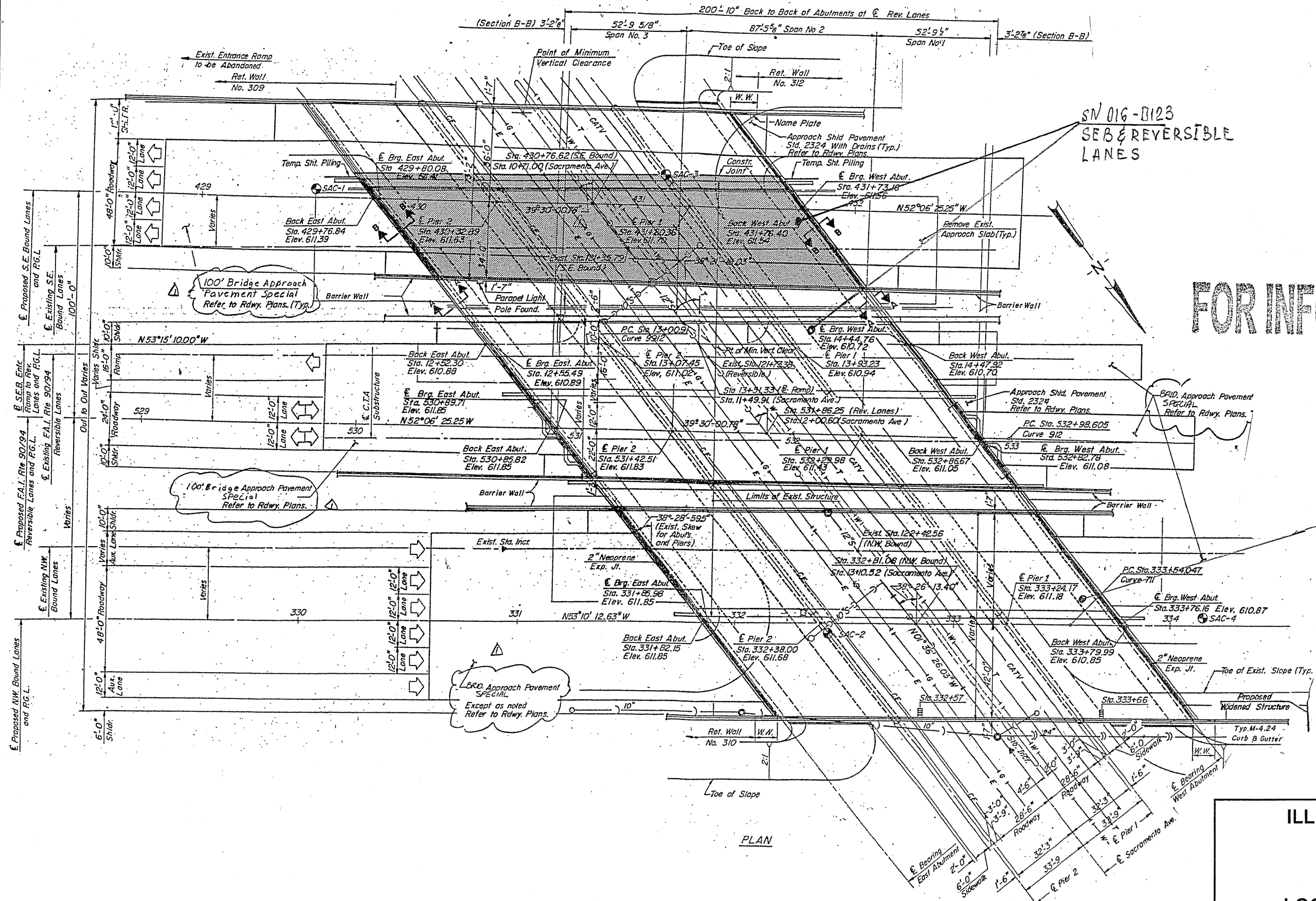
CONTRACT NO. 60N03



ILLINOIS DEPARTMENT OF
TRANSPORTATION
EXISTING PLANS
LOCATION 17 (SN 016-1077)
LOCATION 18 (SN 016-1076)
LOCATION 19 (SN 016-0124)

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 90/94	2010-129-I	COOK	41	29

CONTRACT NO. 60N03



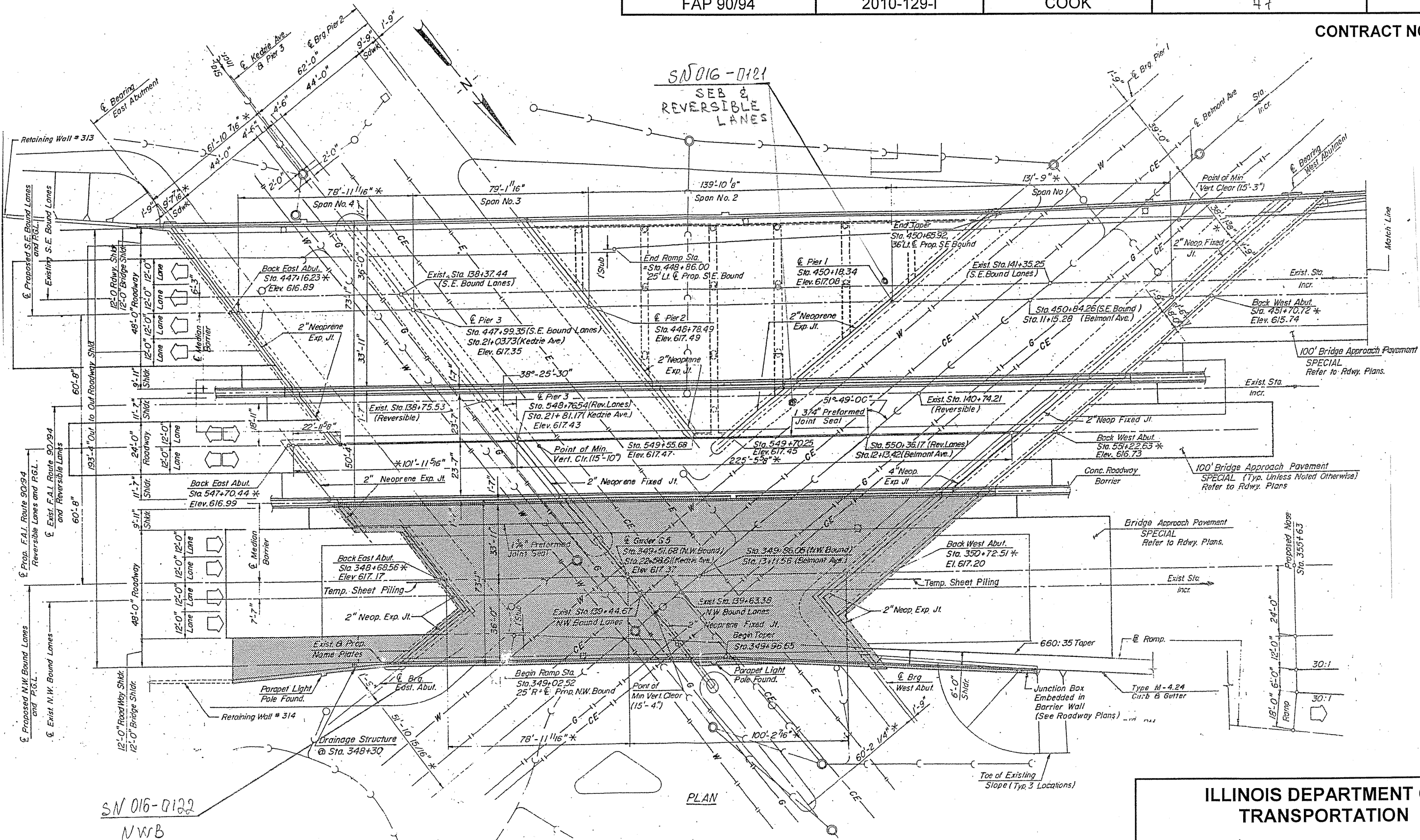
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ILLINOIS DEPARTMENT OF
TRANSPORTATION
EXISTING PLANS

LOCATION 20 (SN 016-1071)
LOCATION 21 (SN 016-0123)

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FAP 90/94	2010-129-I	COOK	41	30

CONTRACT NO. 60N03



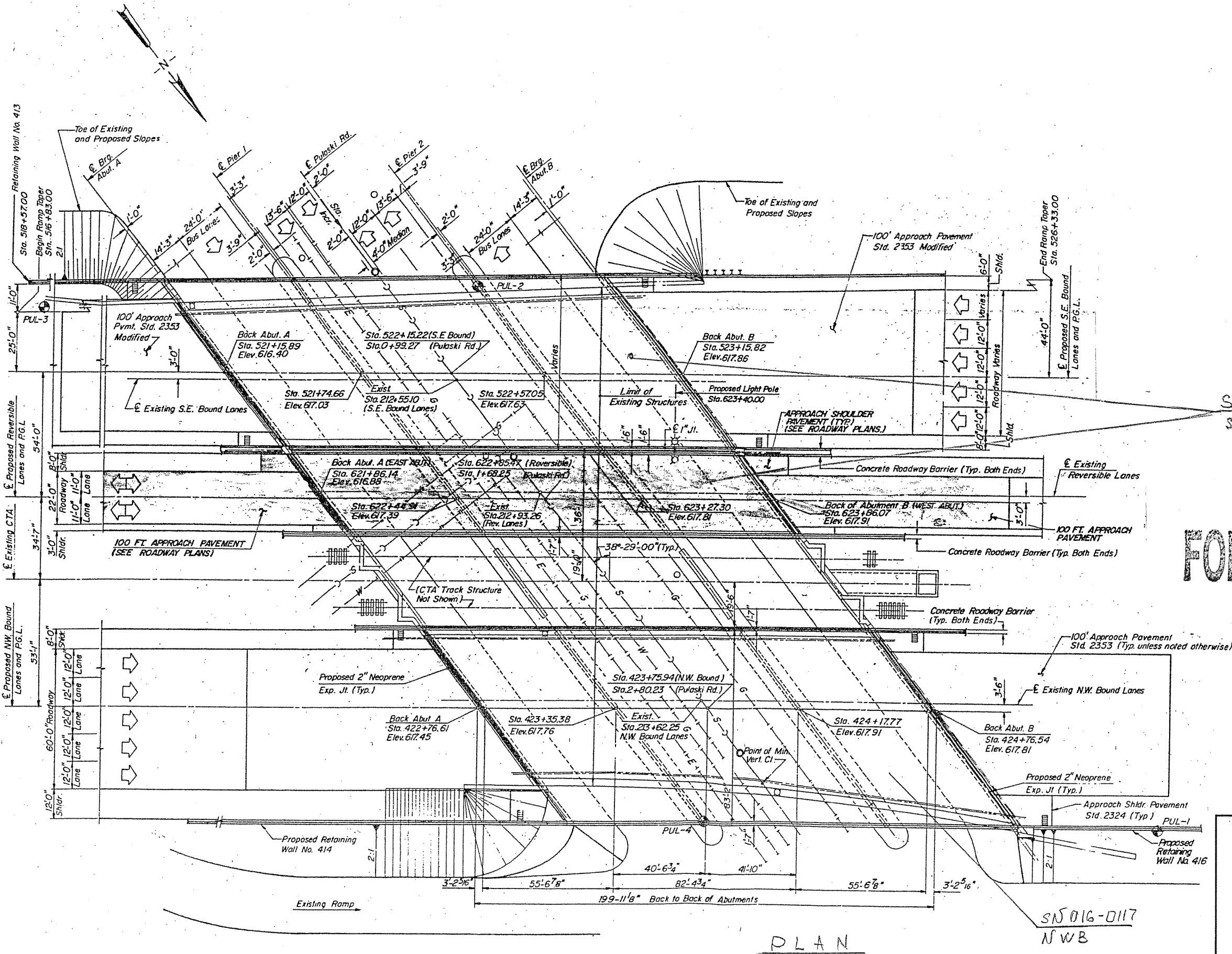
FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING PLANS
LOCATION 22(SN 016-0122)
LOCATION 23 (SN 016-0121)

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 90/94	2010-129-I	COOK	41	32

CONTRACT NO. 60N03



SN 016-0118
3EB 2 REVERSIBLE
LANES

FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF
TRANSPORTATION

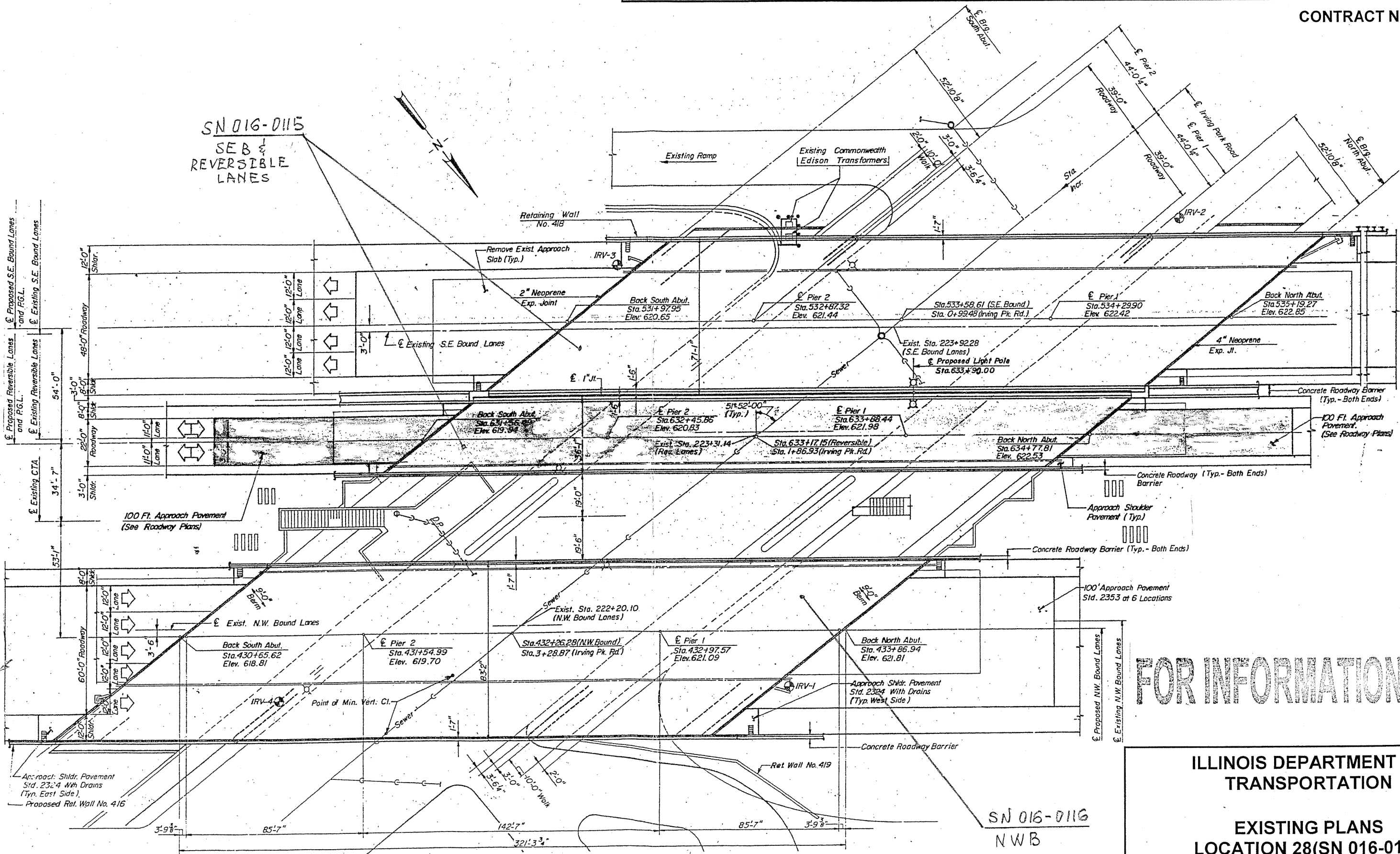
EXISTING PLANS
LOCATION 26(SN 016-0117)
LOCATION 27 (SN 016-0118)

SN 016-0117
NWB

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 90/94	2010-129-I	COOK	41	33

CONTRACT NO. 60N03

SN 016-0115
SEB &
REVERSIBLE
LANES



PLAN

FOR INFORMATION ONLY

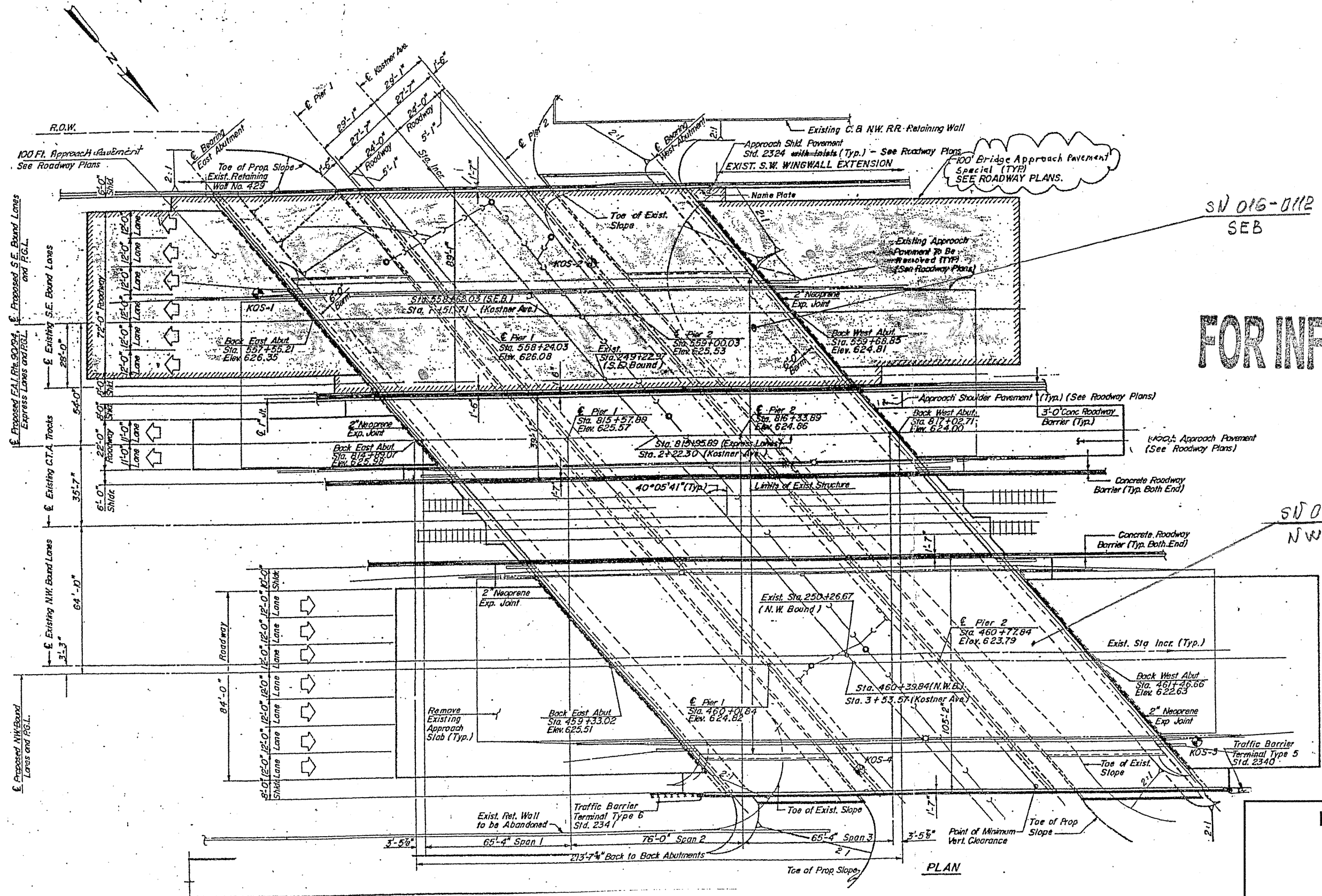
ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING PLANS
LOCATION 28(SN 016-0115)
LOCATION 29 (SN 016-0116)

SN 016-0116
NWB

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 90/94	2010-129-I	COOK	41	35

CONTRACT NO. 60N03



SN 016-0112
SEB

FOR INFORMATION ONLY

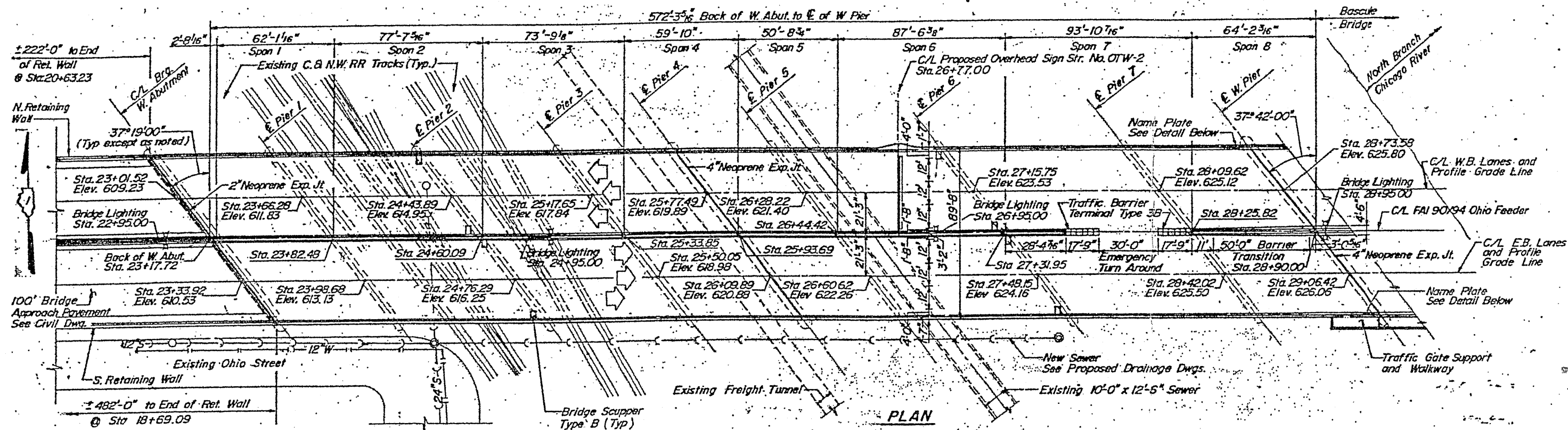
SN 016-0111
NWB

ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING PLANS
LOCATION 32(SN 016-0111)
LOCATION 33 (SN 016-0112)

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 90/94	2010-129-I	COOK	41	36

CONTRACT NO. 60N03



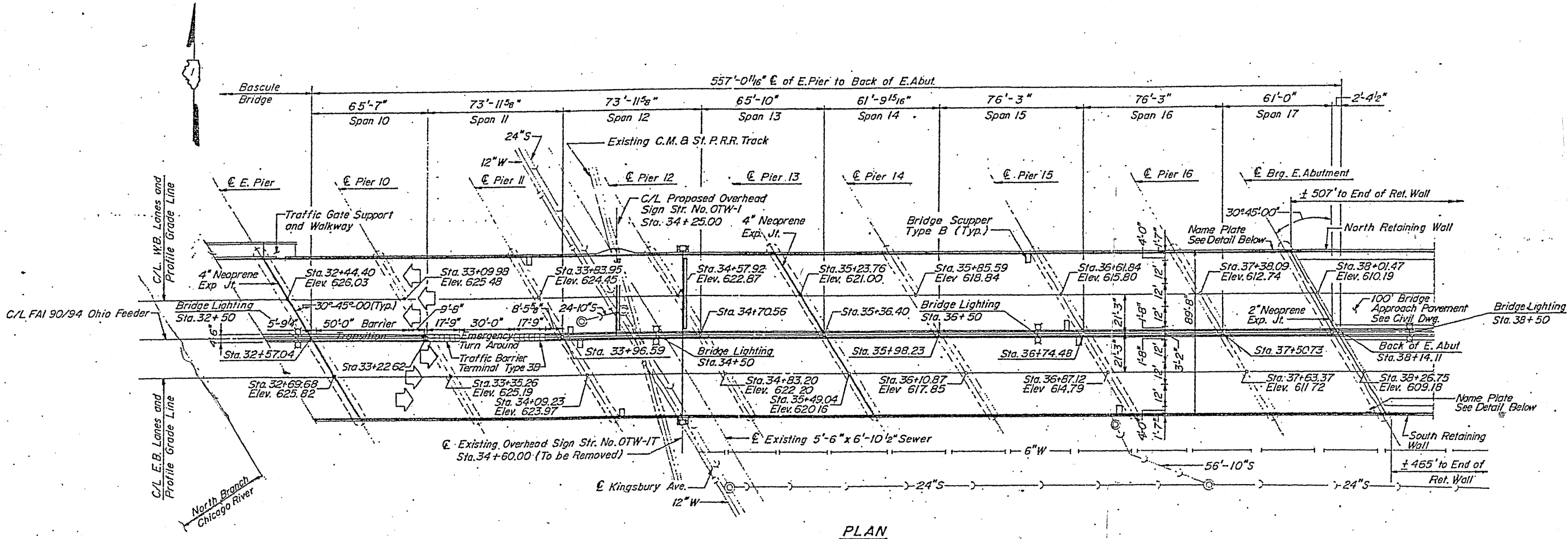
FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING PLANS
LOCATION 34(SN 016-1061)

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 90/94	2010-129-I	COOK	41	37

CONTRACT NO. 60N03



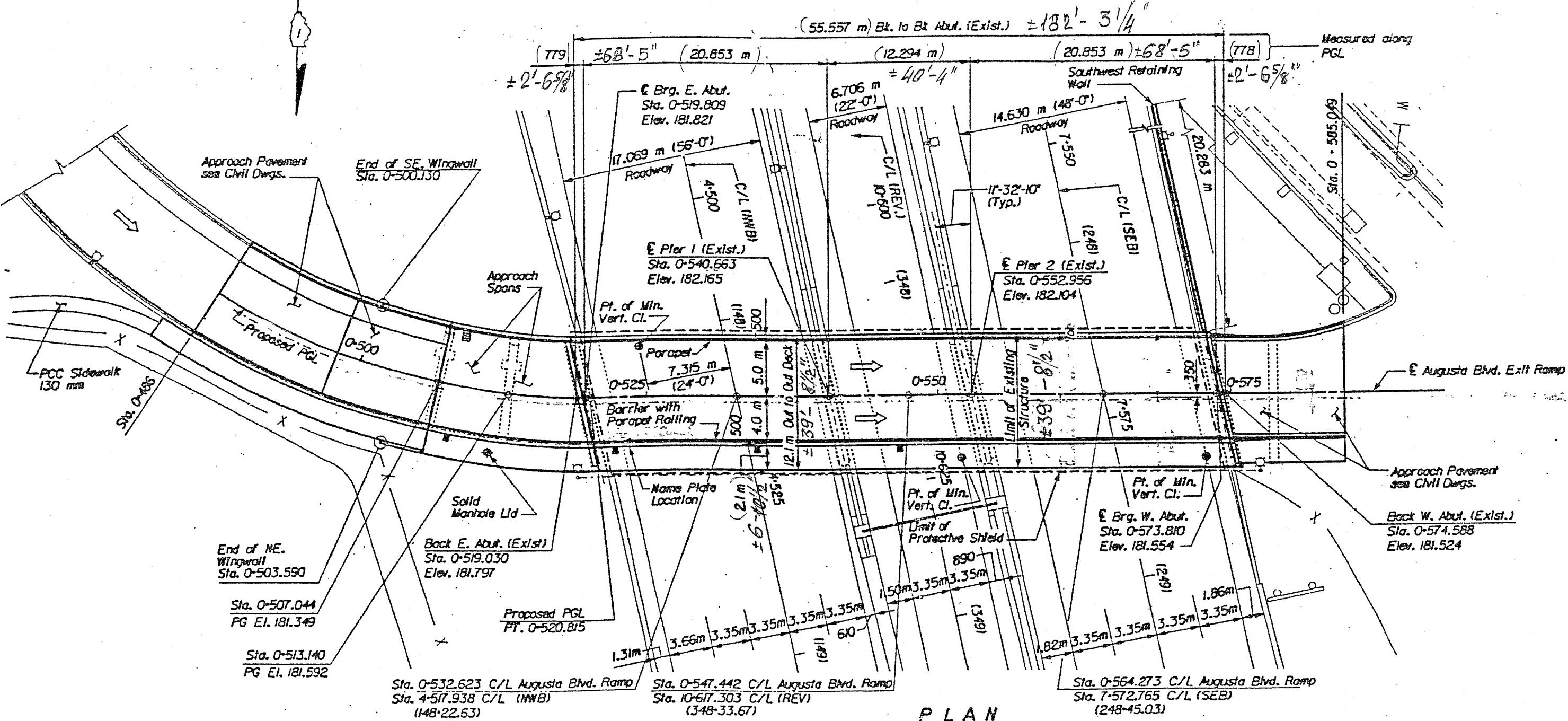
FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING PLANS
LOCATION 35(SN 016-1053)

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 90/94	2010-129-I	COOK	41	38

CONTRACT NO. 60N03

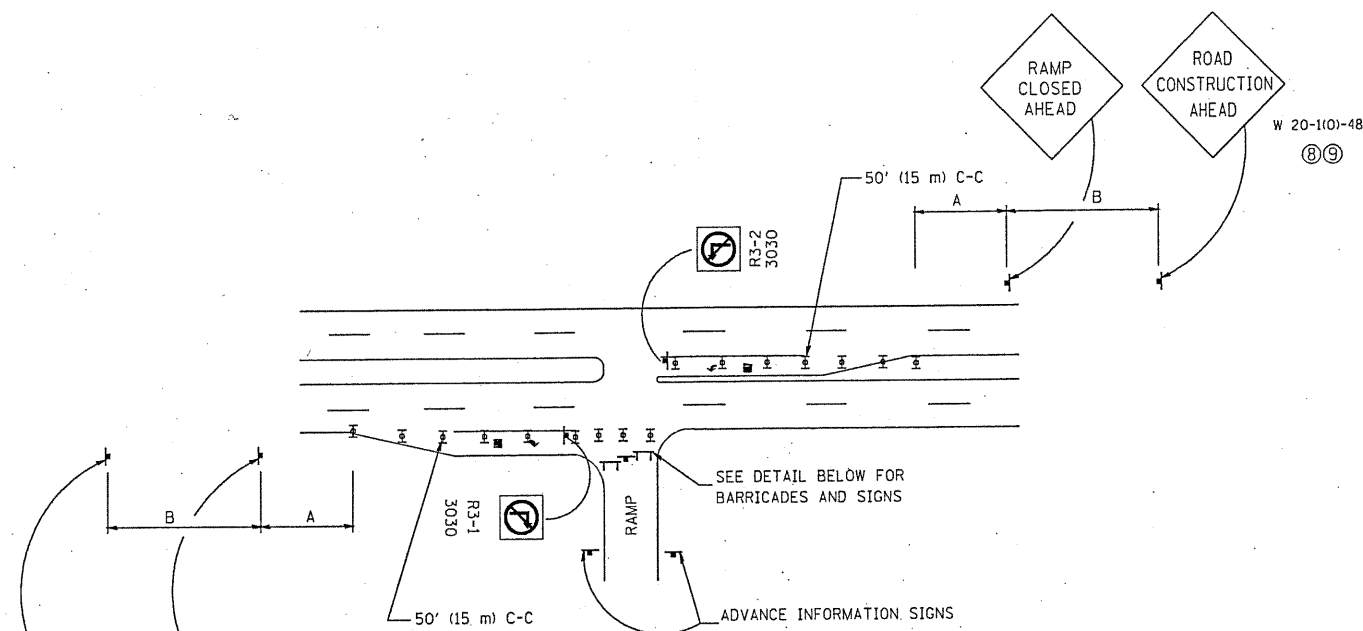


PLAN

FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF
TRANSPORTATION
EXISTING PLANS

LOCATION 36 (SN 016-0168)

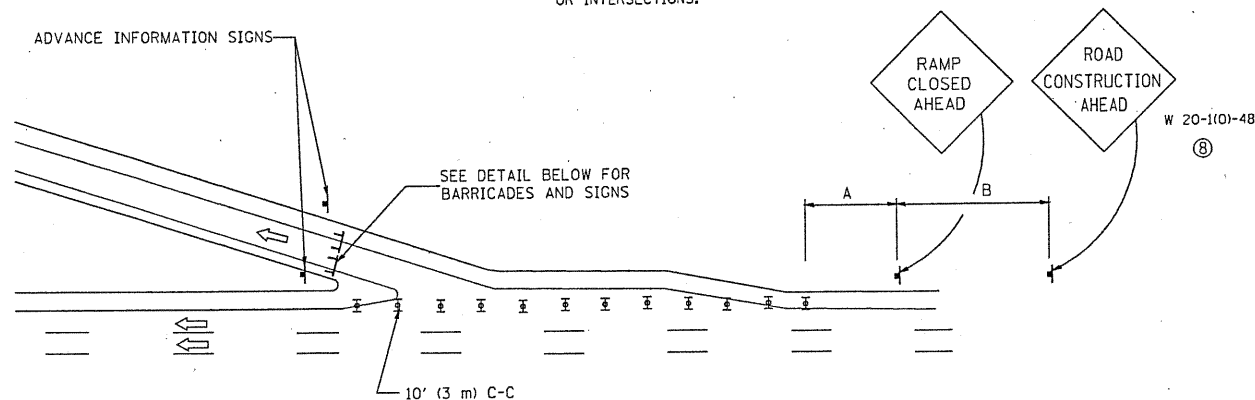


ENTRANCE RAMP CLOSURE

SIGN SPACING TABLE

FACILITY	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)

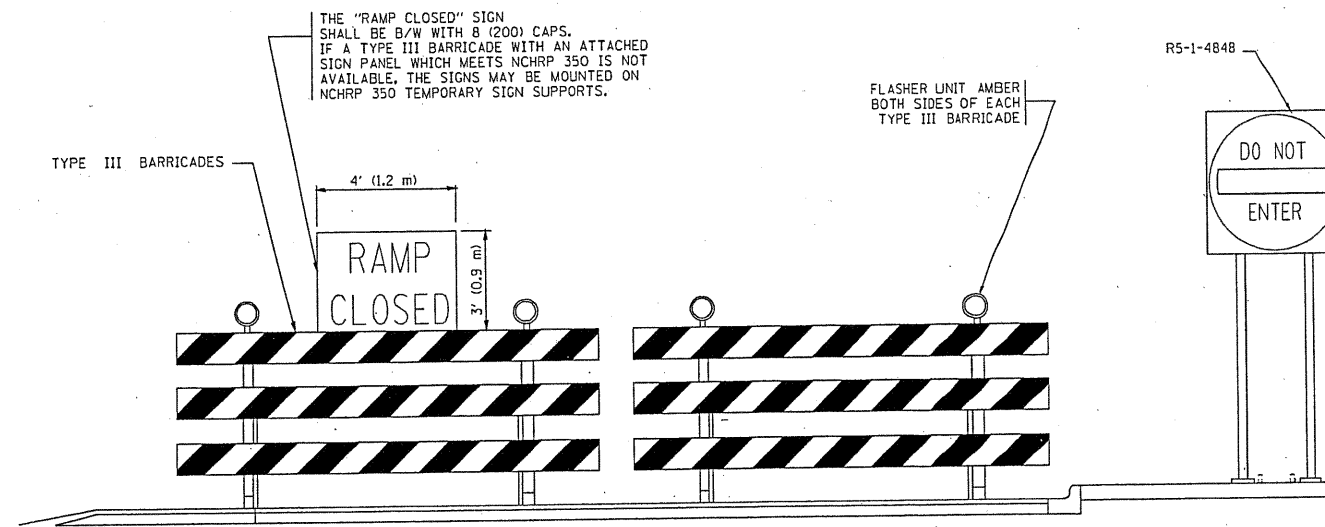
DISTANCES MAY BE SHORTENED DEPENDING UPON THE PROXIMITY OF ADJACENT RAMPS OR INTERSECTIONS.



EXIT RAMP CLOSURE

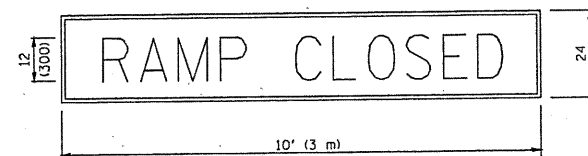
SYMBOLS

- 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

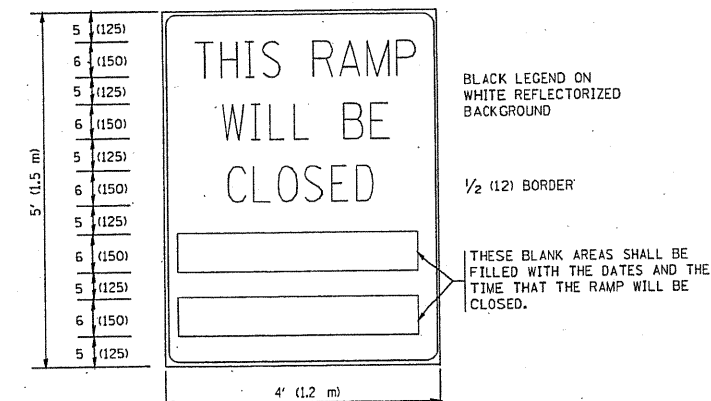


BLACK LEGEND ON ORANGE REFLECTORIZED BACKGROUND

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:

- CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (700) HIGH.
- STEADY BURN LIGHTS WILL NOT BE REQUIRED FOR DAY OPERATIONS.
- A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES.
- ALL ROUTE MARKERS AND TRAILBLAZER ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED.
- THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
- AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL RAMP CLOSURES.
- 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.
- 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.
- 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 = layso	DESIGNED - DWS	REVISED - DWS/JAF 12-02
W:\diststd\22x34\c08.dgn		DRAWN -	REVISED - JAF 02-06
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - SPB 01-07
	PLOT DATE = 1/26/2010	DATE - 02-83	REVISED - SPB 12-09

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

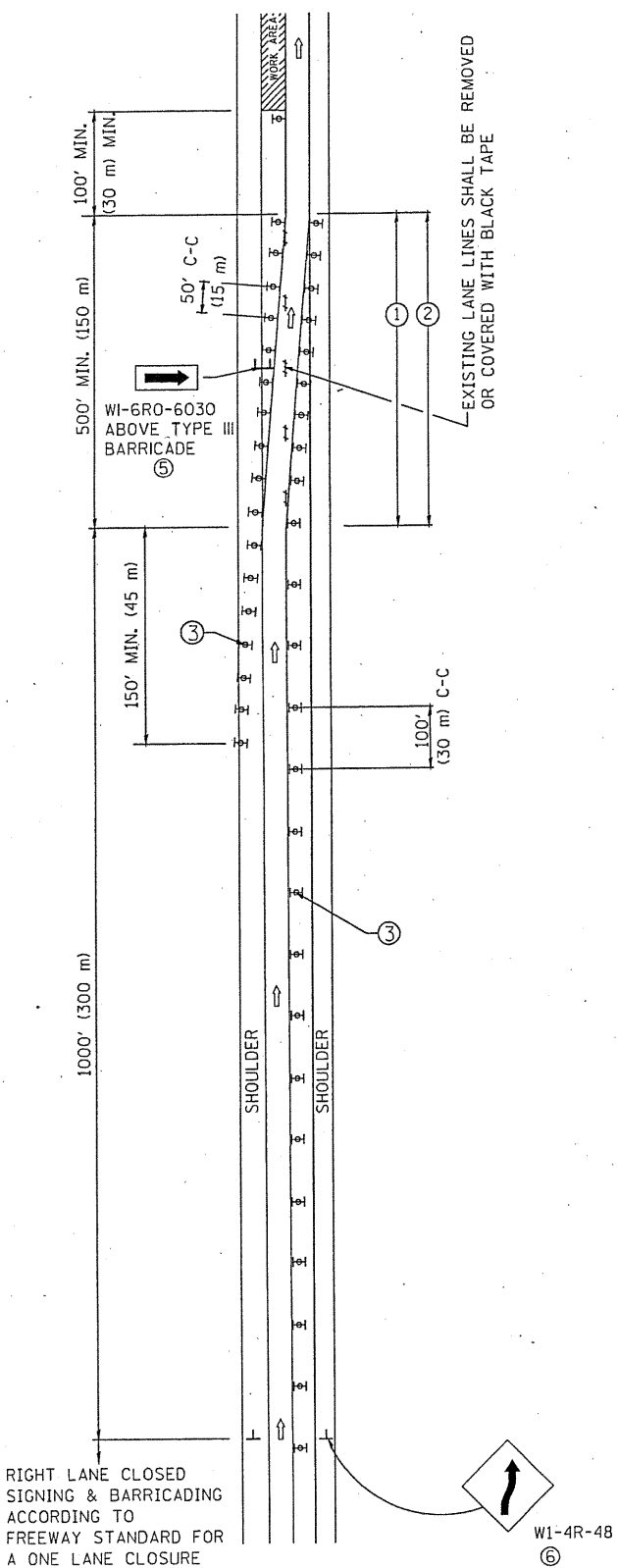
FREEWAY ENTRANCE AND EXIST RAMP
CLOSURE DETAILS

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

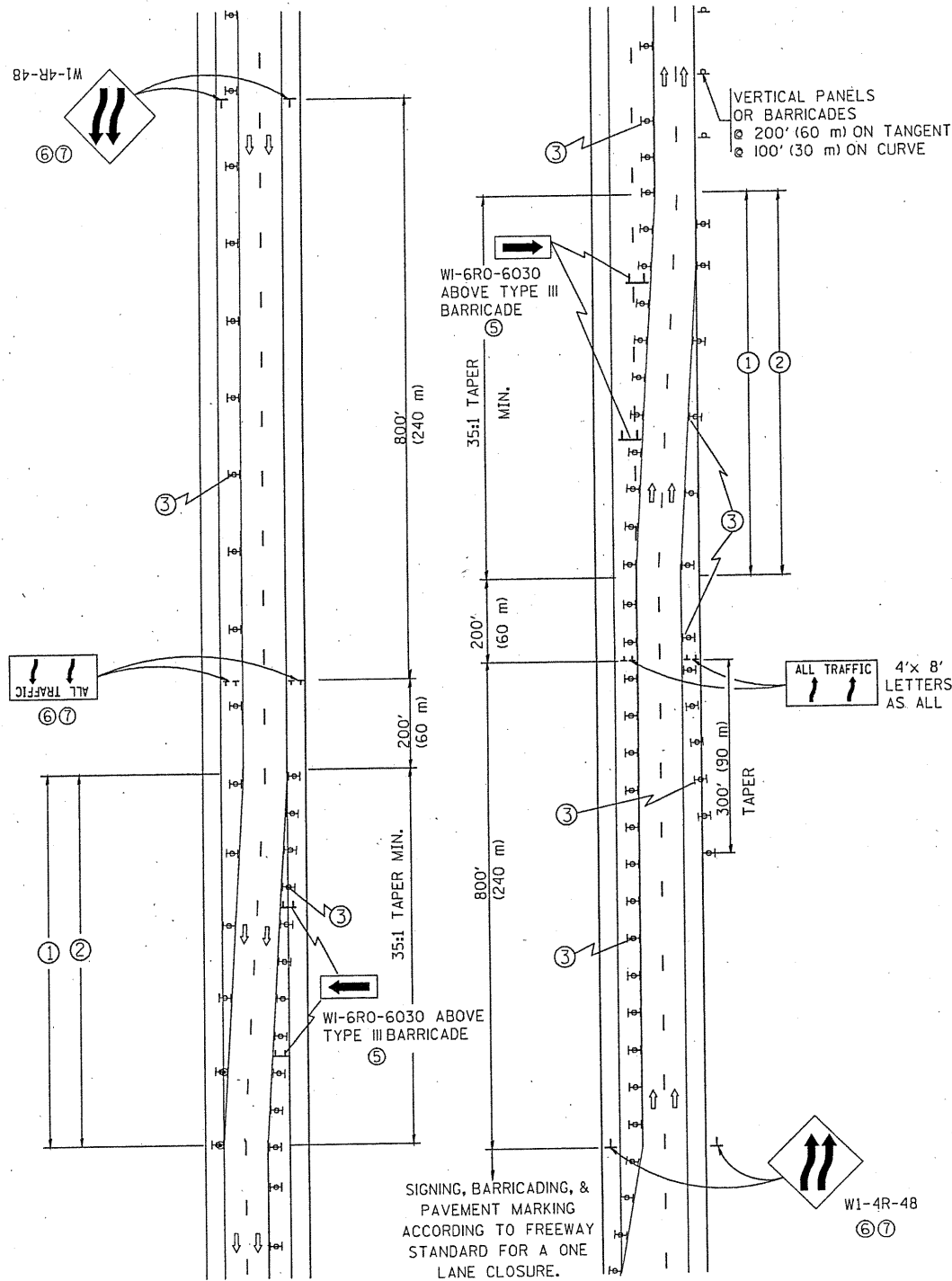
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	2010-125-1	COOK	44	39
	TC-08			
				CONTRACT NO. 60N03

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.

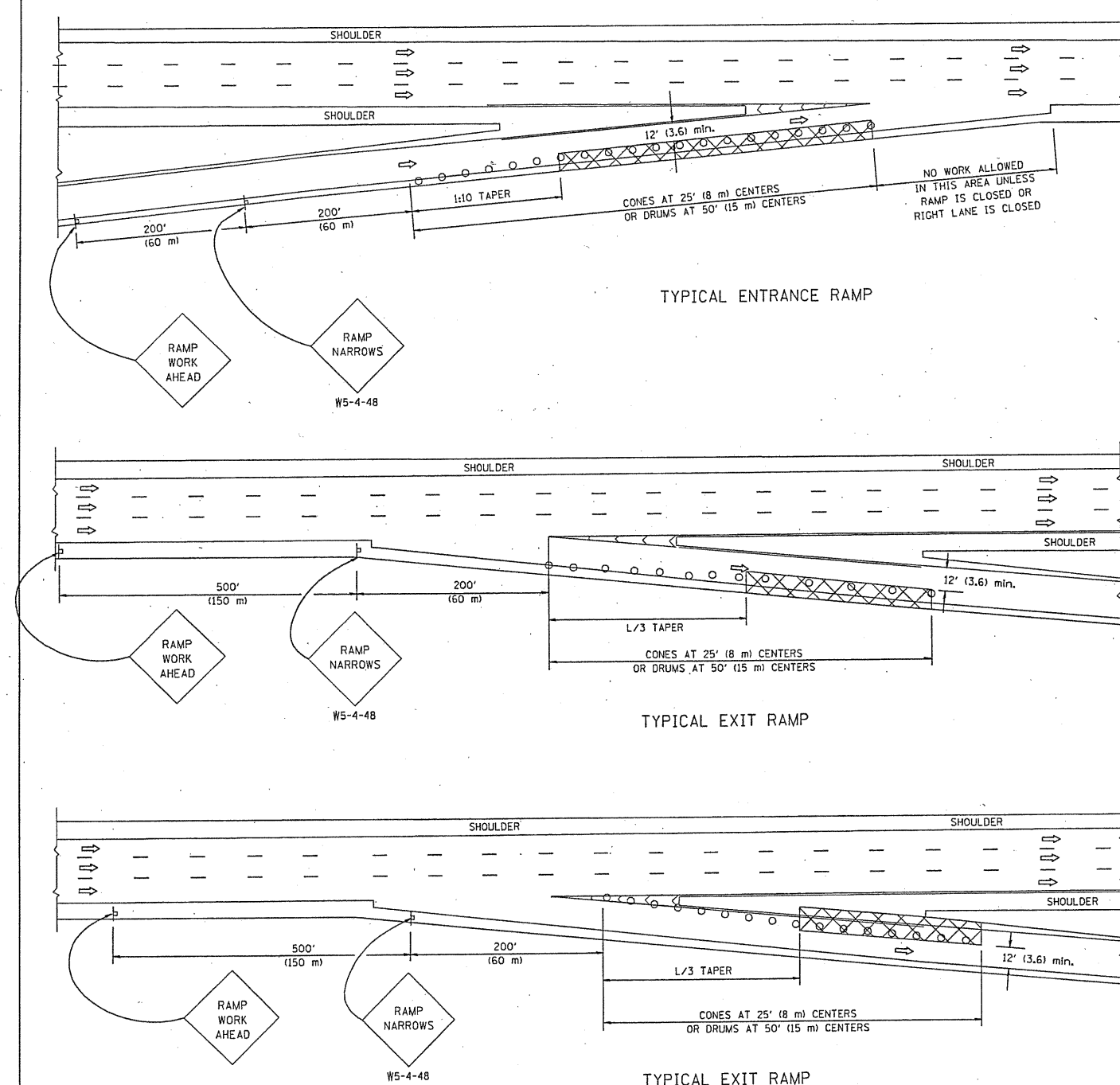
SYMBOLS

- DIRECTION OF TRAFFIC
- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE II BARRICADE OR DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME = W:\diststd\22x34\to09.dgn	USER NAME = luyso	DESIGNED - DWS	REVISED - JAF 01-03	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.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - JAF 02-06						90	2010-123-I	COOK	41	40
		PLOT SCALE = 50.000' / IN.	CHECKED -						TC-09				
		PLOT DATE = 1/26/2010	DATE - 02-87						FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				

PARTIAL RAMP CLOSURE DETAILS



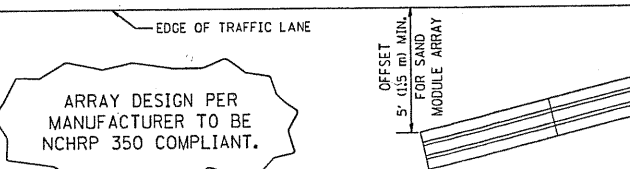
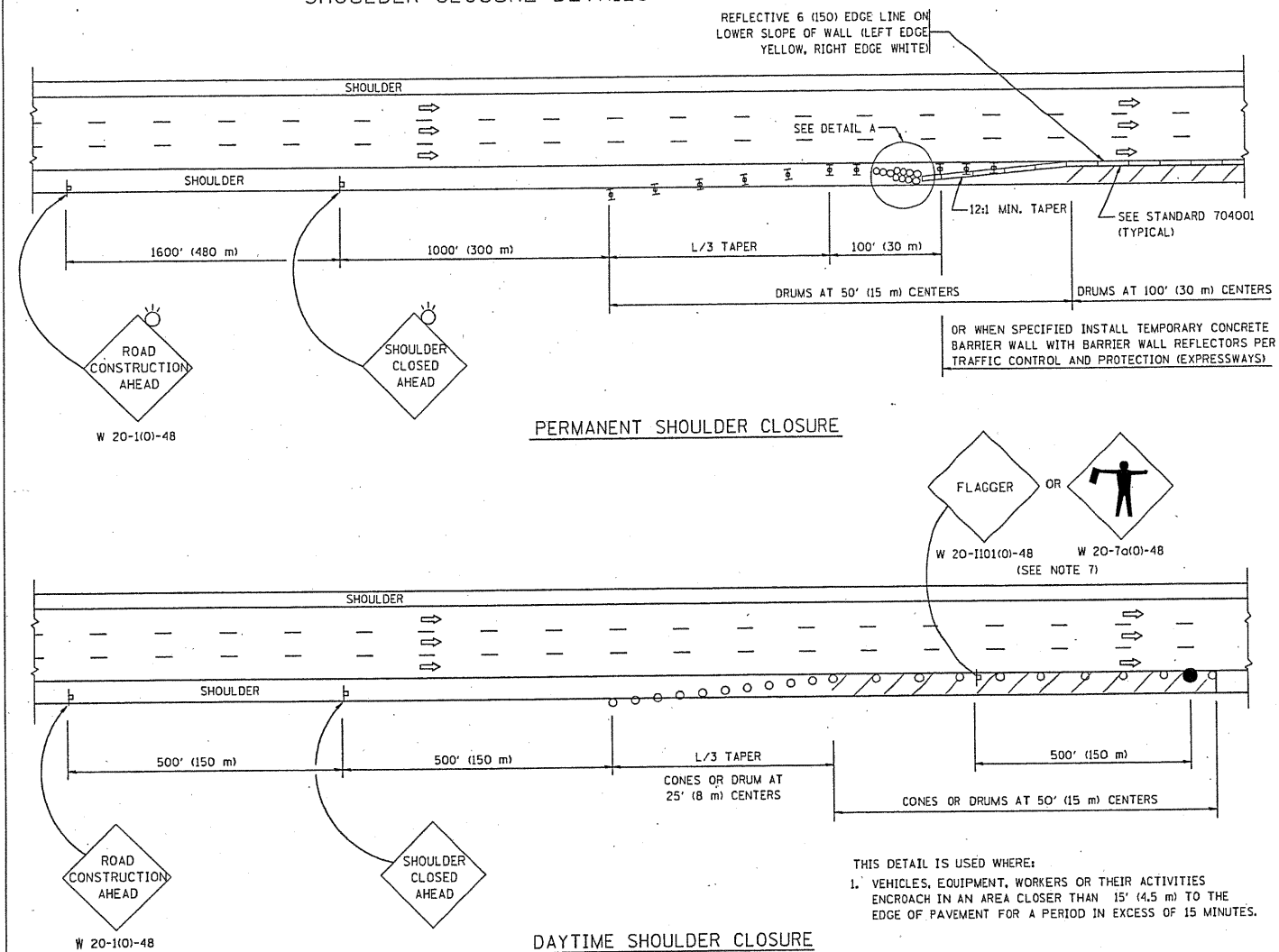
SYMBOLS

- ACTIVE WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE

GENERAL NOTES

- THE "L" DISTANCE EQUALS:
SPEED LIMIT FORMULAS
45 mph (80 km/h) METRIC ENGLISH
OR GREATER: $L = 0.65(W/S)$ $L = (W/S)$
W = WIDTH OF OFFSET IN FEET (METERS)
S = NORMAL POSTED SPEED MPH (KM/H)
- PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

SHOULDER CLOSURE DETAILS



DETAIL "A" IMPACT ATTENUATOR, TEMPORARY (SEE NOTE 5)

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

FILE NAME =
W:\diststd\22x34\tcl7.dgn

USER NAME = lcyso	DESIGNED -	REVISED - 04-03
	DRAWN - D.W.S.	REVISED - J.A.F. 12-06
PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - S.P.B. 01-07
PLOT DATE = 1/26/2010	DATE - 11-96	REVISED - S.P.B. 12-09

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES		
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.

F.A. / RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30	2010-129-1	COOK	41	41
CONTRACT NO. 50 N03				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				