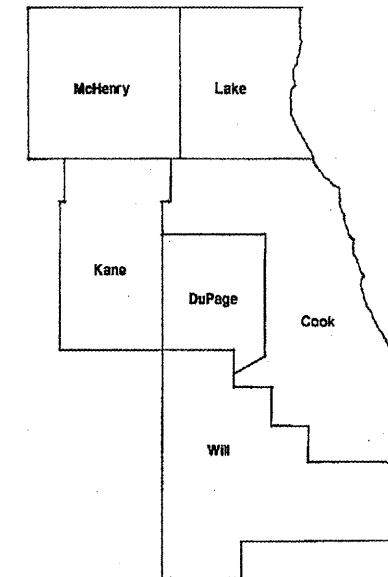


ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAI 57	2011-052-I	COOK	44	1

FOR INDEX OF SHEETS SEE SHEET 2

CONTRACT NO. 60P62

D-91-587-11



LOCATION OF IMPROVEMENT
INDICATED THUS: 

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

F.A.I. RTE 57: I-57
AT VARIOUS LOCATIONS
US 30 (LINCOLN HWY) TO I-94 (DAN RYAN EXPY) -
MAINLINE BRIDGES
SECTION: 2011-052-I
BRIDGE DECK SEALING
COOK COUNTY
C-91-587-11

IMPROVEMENTS ARE LOCATED IN
THE VILLAGES OF MATTESON, POSEN
& DIXMOOR, AND CITIES OF COUNTRY
CLUBS HILLS, BLUE ISLAND &
CHICAGO.

**SEE LOCATION MAPS
SHEETS 7- 12**

FINAL PLANS

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

CONTRACT NO. 60P62

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED: July 27, 2011
Diana M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

October 14, 2011
Scott E. Stitt P.E.
actng ENGINEER OF DESIGN AND ENVIRONMENT

October 14, 2011
Christine M. Reed
DIRECTOR, DIVISION OF HIGHWAYS

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

J.U.L.I.E: JOINT UTILITY LOCATION
INFORMATION FOR EXCAVATION
1-800-892-0123

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

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAI 57	2011-052-1	COOK	44	2

CONTRACT NO. 60P62

INDEX OF SHEET

<u>SHEET NO</u>	<u>DESCRIPTION</u>
1	TITLE SHEET
2	INDEX OF SHEETS AND STATE STANDARDS
3	GENERAL NOTES
4	SUMMARY OF QUANTITIES
5 - 6	SCHEDULE OF QUANTITIES
7-12	LOCATION MAPS
13 - 42	BRIDGE PLANS
43	ENTRANCE AND EXIT RAMP CLOSURE DETAILS (TC-8)
44	SINGLE LANE WEAVE AND MULTI-LANE WEAVE (TC-9)

STATE STANDARDS

<u>STD NO</u>	<u>DESCRIPTION</u>
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 \geq 45 MPH
701446 - 02	TWO LANE CLOSURE FREEWAY/EXPRESSWAY
701901 - 01	TRAFFIC CONTROL DEVICES

ILLINOIS DEPARTMENT OF
TRANSPORTATION

INDEX OF SHEETS AND STATE
STANDARDS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAI 57	2011-052-I	COOK	44	3

CONTRACT NO. 60P62

GENERAL NOTES

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "C.U.A.N."(CHICAGO UTILITY ALERT NETWORK) AT (312)744-7000 OR "J.U.L.I.E." (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT (800)892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED).

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

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGES OF MATTESON, POSEN, & DIXMOOR, AND THE CITIES OF COUNTRY CLUBS HILLS, BLUE ISLAND & CHICAGO.

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

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED BASED AT THE UNIT PRICE BID FOR THE WORK.

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

THESE PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM THE BRIDGE INSPECTORS.

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

EXISTING PAVEMENT MARKINGS SHALL BE TEMPORARILY COVERED PRIOR TO THE 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 TREATMENT SPECIFIED.

**ILLINOIS DEPARTMENT OF
TRANSPORTATION**

GENERAL NOTES

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
F.A.I.57	2011-052-1	COOK	44	4

CONTRACT NO. 60P62

SUMMARY OF QUANTITIES		CONSTRUCTION TYPE CODE: 0014		
CODE NO.	DESCRIPTION	UNITS	TOTAL	
				URBAN 100% STATE
58700300	CONCRETE SEALER	SQ FT	727,628	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	
67100100	MOBILIZATION	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 57	2011-052-I	COOK	44	5

CONTRACT NO. 60P62

SCHEDULE OF QUANTITIES

LOCATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14
STRUCTURE NUMBER	016-0048	016-0049	016-0050	016-0051	016-0052	016-0053	016-0054	016-0055	016-0056	016-0057	016-0058	016-0059	016-0060	016-0061
CONCRETE SEALER	19974	19974	6420	6420	16547	9884	13400	13400	17517	15623	60416	62316	68000	66498
MOBILIZATION	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.042	0.042	0.042	0.042	0.042	0.042
TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.042	0.042	0.042	0.042	0.042	0.042
NIGHTTIME WORK ZONE LIGHTING	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.042	0.042	0.042	0.042	0.042	0.042
RAILROAD PROTECTIVE LIABILITY INSURANCE	0.125	0.125									0.125	0.125	0.125	0.125

ILLINOIS DEPARTMENT OF
TRANSPORTATION

SCHEDULE OF QUANTITIES
SHEET 1 OF 2

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAI 57	2011-052-I	COOK	44	6

CONTRACT NO. 60P62

SCHEDULE OF QUANTITIES

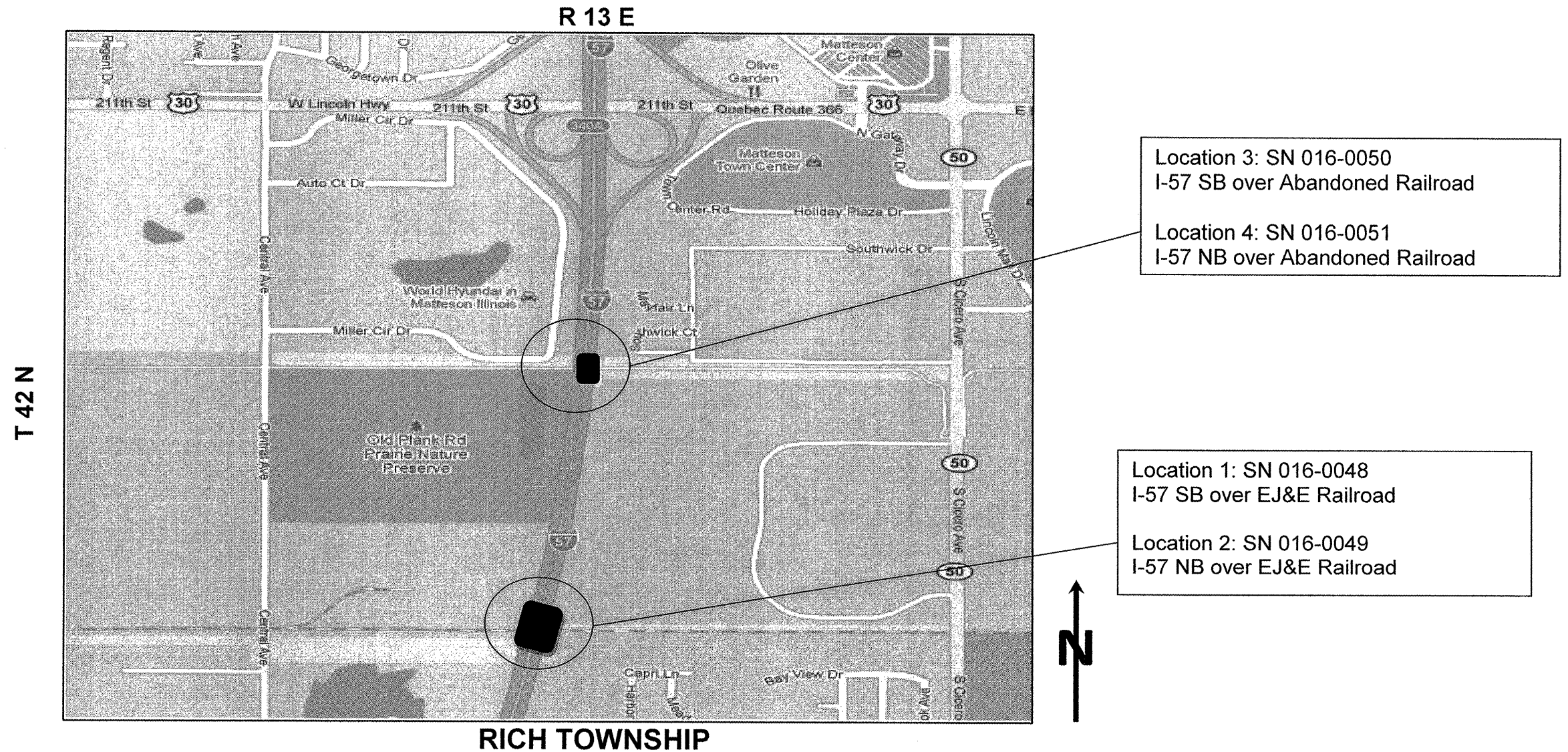
LOCATION	15	16	17	18	19	20	21	22	23	24
STRUCTURE NUMBER	016-0062	016-0063	016-0064	016-0065	016-0067	016-1012	016-1051	016-2026	016-2027	016-2852
CONCRETE SEALER	107814	109353	30622	30622	10663	3115	3990	17676	9476	7908
MOBILIZATION	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042
TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042
NIGHTTIME WORK ZONE LIGHTING	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042
RAILROAD PROTECTIVE LIABILITY INSURANCE	0.125	0.125								

ILLINOIS DEPARTMENT OF
TRANSPORTATION

SCHEDULE OF QUANTITIES
SHEET 2 OF 2

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAI 57	2011-052-I	COOK	44	7

CONTRACT NO. 60P62



TRAFFIC DATA:

I-57
 2009 ADT = 71,400
 POSTED SPEED LIMIT = 55 MPH

Location 3: SN 016-0050
 I-57 SB over Abandoned Railroad

Location 4: SN 016-0051
 I-57 NB over Abandoned Railroad

Location 1: SN 016-0048
 I-57 SB over EJ&E Railroad

Location 2: SN 016-0049
 I-57 NB over EJ&E Railroad

ILLINOIS DEPARTMENT OF
 TRANSPORTATION

LOCATION MAP 1
 LOCATIONS 1 - 4

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAI 57	2011-052-I	COOK	44	8

CONTRACT NO. 60P62

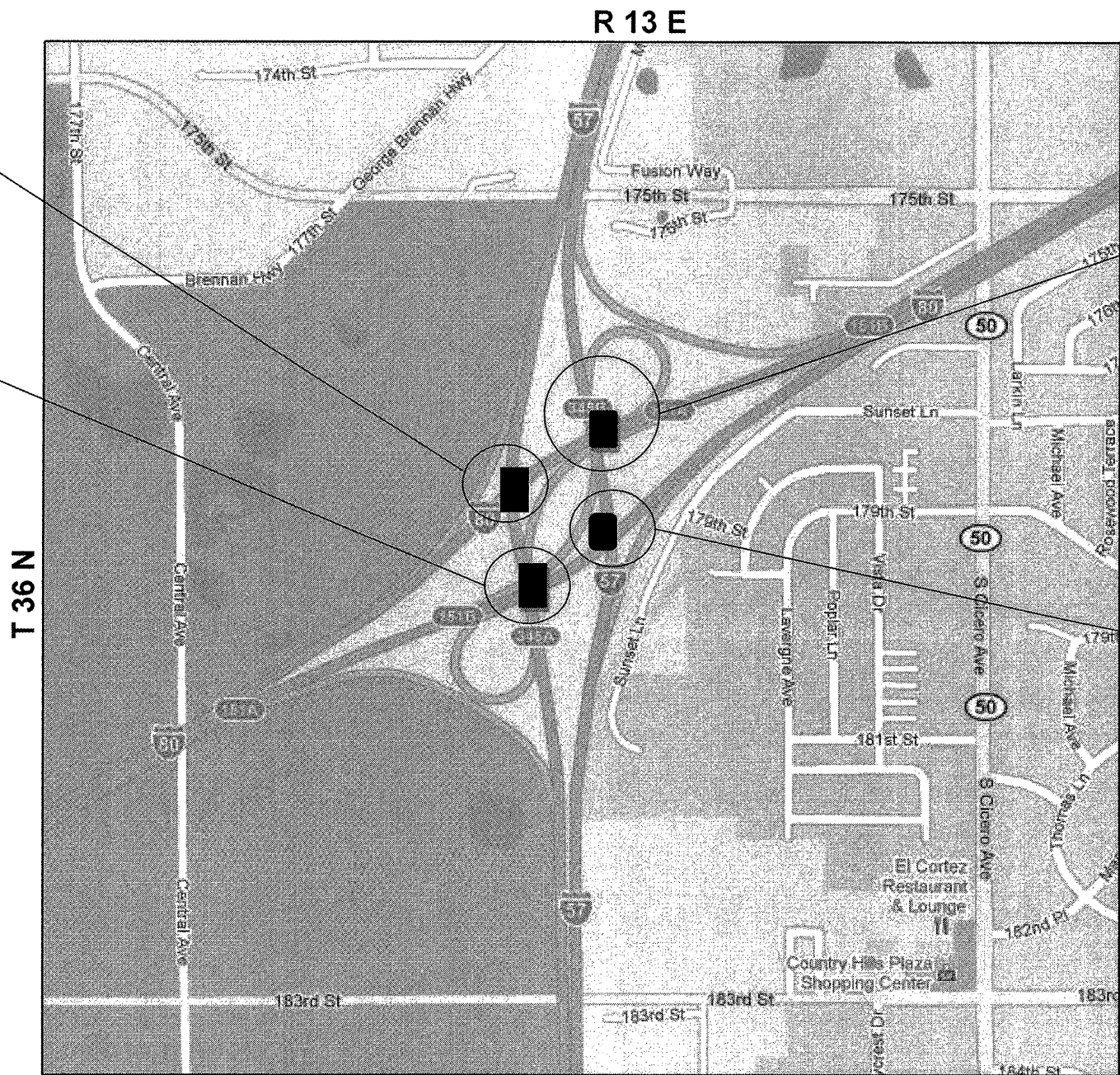
Location 23: SN 016-2027
I-57 SB over I-80 WB

Location 5: SN 016-0052
I-57 SB over I-80 EB

Location 22: SN 016-2026
I-57 NB over I-80 WB

Location 6: SN 016-0053
I-57 NB over I-80 EB

TRAFFIC DATA:
I-57 (NB & SB) over I-80
2009 ADT = 51,850
POSTED SPEED LIMIT = 55 MPH



BREMEN TOWNSHIP

ILLINOIS DEPARTMENT OF
TRANSPORTATION

LOCATION MAP 2
LOCATIONS 5, 6, 22, & 23

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAI 57	2011-052-I	COOK	44	9

CONTRACT NO. 60P62

Location 20: SN 016-1012
I-57 SB over 149th St.

Location 21: SN 016-1051
I-57 NB over 149th St.

Location 9: SN 016-0056
I-57 NB over Western Ave

Location 10: SN 016-0057
I-57 SB over Western Ave

Location 7: SN 016-0054
I-57 NB over IL-83 (147th St.)

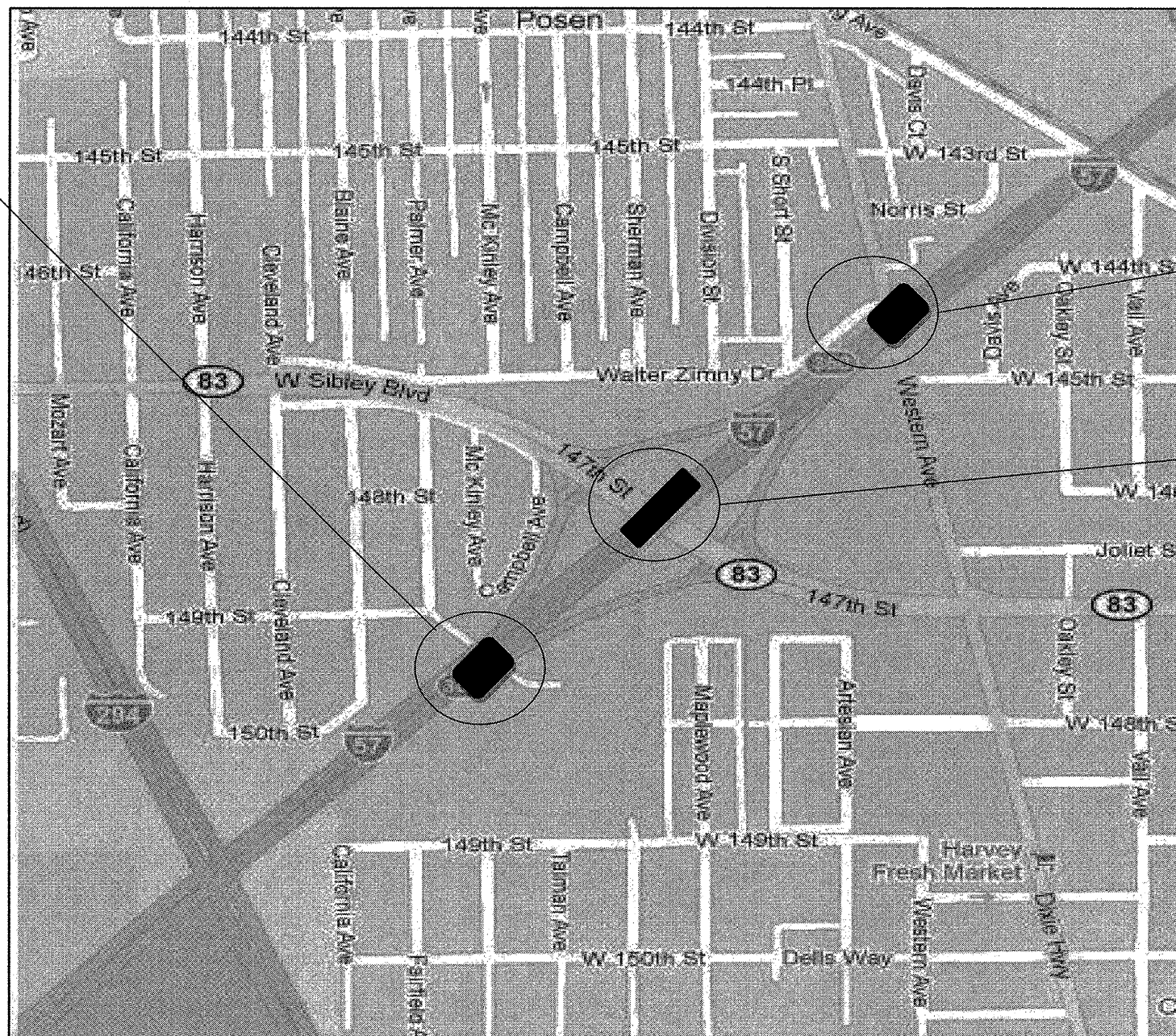
Location 8: SN 016-0055
I-57 SB over IL-83 (147th St.)

TRAFFIC DATA:

I-57
2009 ADT = 62,567
POSTED SPEED LIMIT = 55 MPH

T 36 N

R 13 E



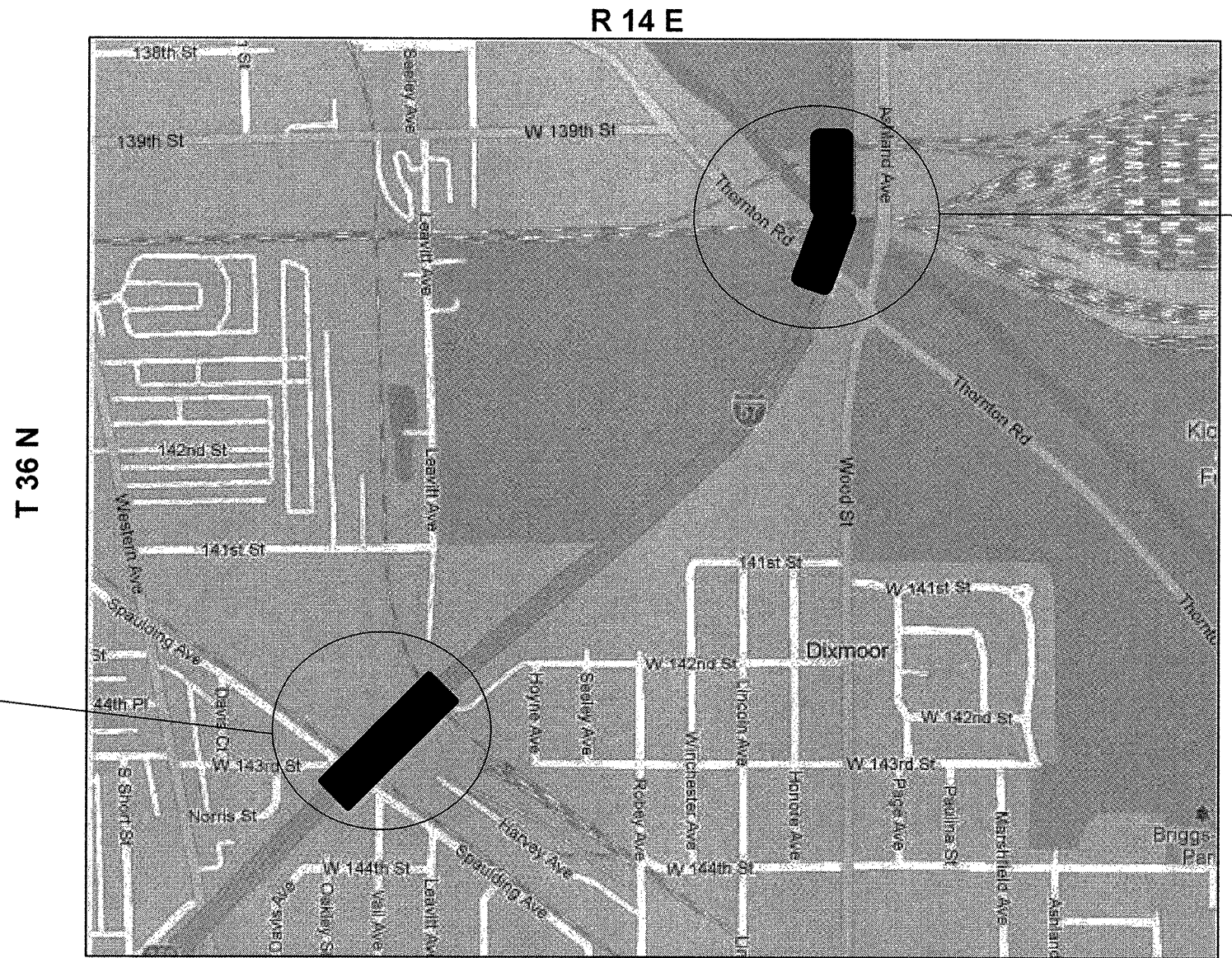
BREMEN TOWNSHIP

ILLINOIS DEPARTMENT OF
TRANSPORTATION

LOCATION MAP 3
LOCATIONS 7 - 10, 20, & 21

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAI 57	2011-052-1	COOK	44	10

CONTRACT NO. 60P62



Location 11: SN 016-0058
I-57 NB over 143rd St., CSX & GTW

Location 12: SN 016-0059
I-57 SB over 143rd St., CSX & GTW

Location 13: SN 016-0060
I-57 NB over IHB, Little Calumet River & Thornton Rd.

Location 14: SN 016-0061
I-57 SB over IHB, Little Calumet River & Thornton Rd.

TRAFFIC DATA:

I-57

2009 ADT = 69,300

POSTED SPEED LIMIT = 55 MPH

THORNTON TOWNSHIP

**ILLINOIS DEPARTMENT OF
TRANSPORTATION**

**LOCATION MAP 4
LOCATIONS 11 - 14**

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAI 57	2011-052-I	COOK	44	11

CONTRACT NO. 60P62

Location 17: SN 016-0064
I-57 SB over Calumet Sag Channel

Location 18: SN 016-0065
I-57 NB over Calumet Sag Channel

Location 19: SN 016-0067
I-57 NB over Vermont St.

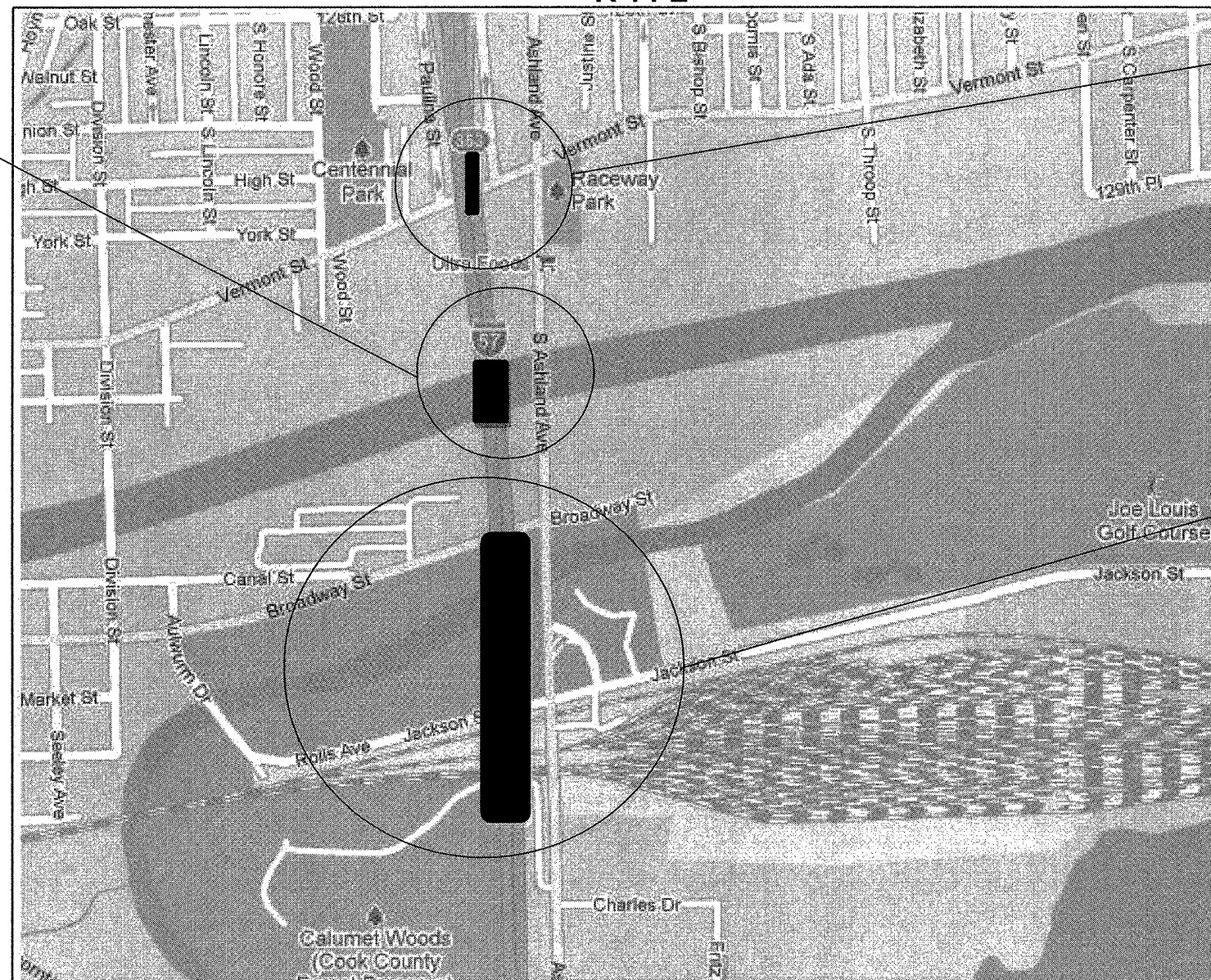
Location 15: SN 016-0062
I-57 SB over CSX, Little Calumet River & Broadway St.

Location 16: SN 016-0063
I-57 NB over CSX, Little Calumet River & Broadway St.

TRAFFIC DATA:
I-57
2009 ADT = 69,300
POSTED SPEED LIMIT = 55 MPH

T 37 N

R 14 E



CALUMET TOWNSHIP



ILLINOIS DEPARTMENT OF
TRANSPORTATION

LOCATION MAP 5
LOCATIONS 15-19

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAI 57	2011-052-I	COOK	44	12

CONTRACT NO. 60P62

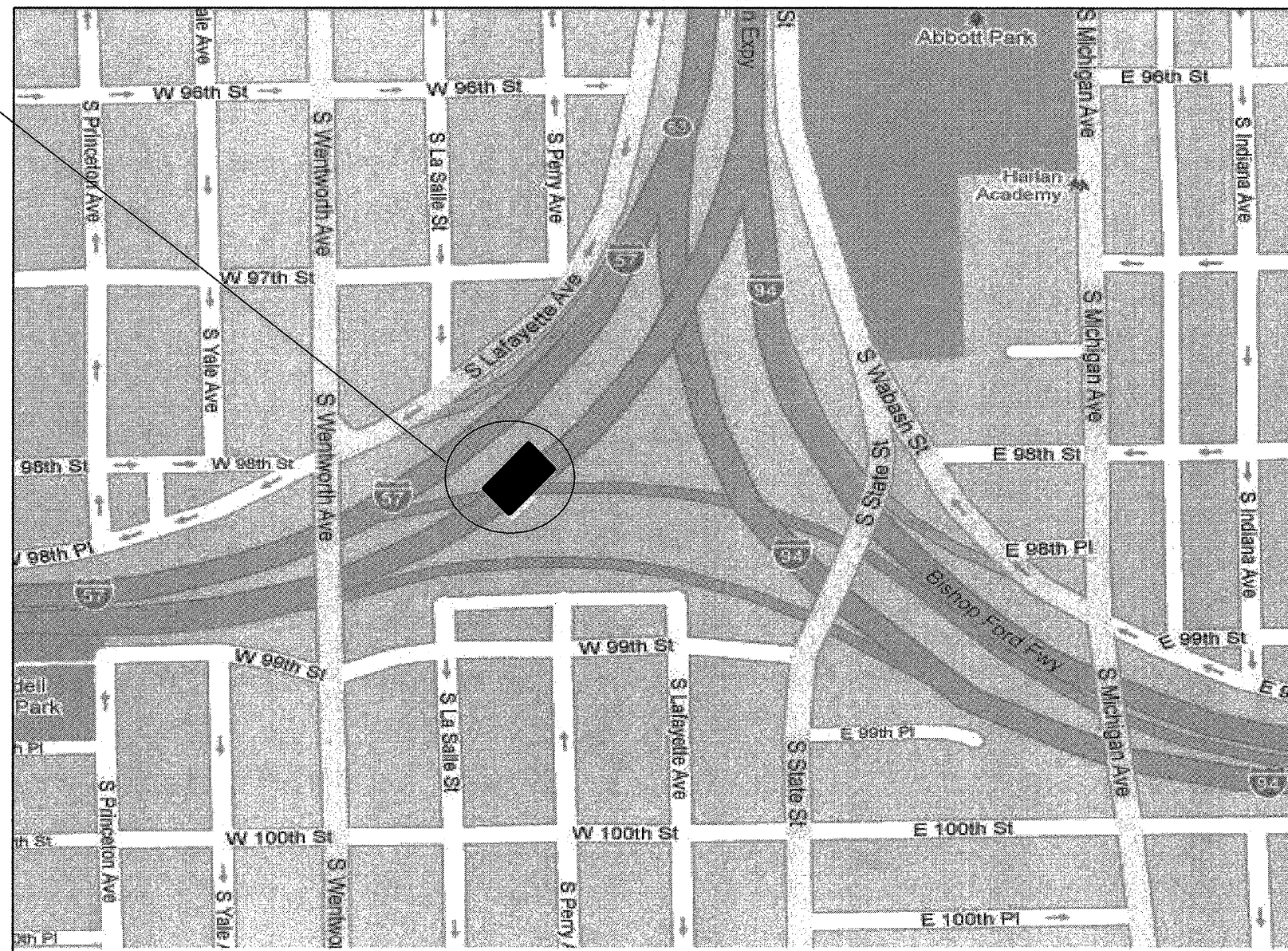
Location 24: SN 016-2852
I-57 NB over I-94 WB RAMP to I-57 SB

TRAFFIC DATA:

I-57
2009 ADT = 30,100
POSTED SPEED LIMIT = 55 MPH

T 37 N

R 14 E



CALUMET TOWNSHIP

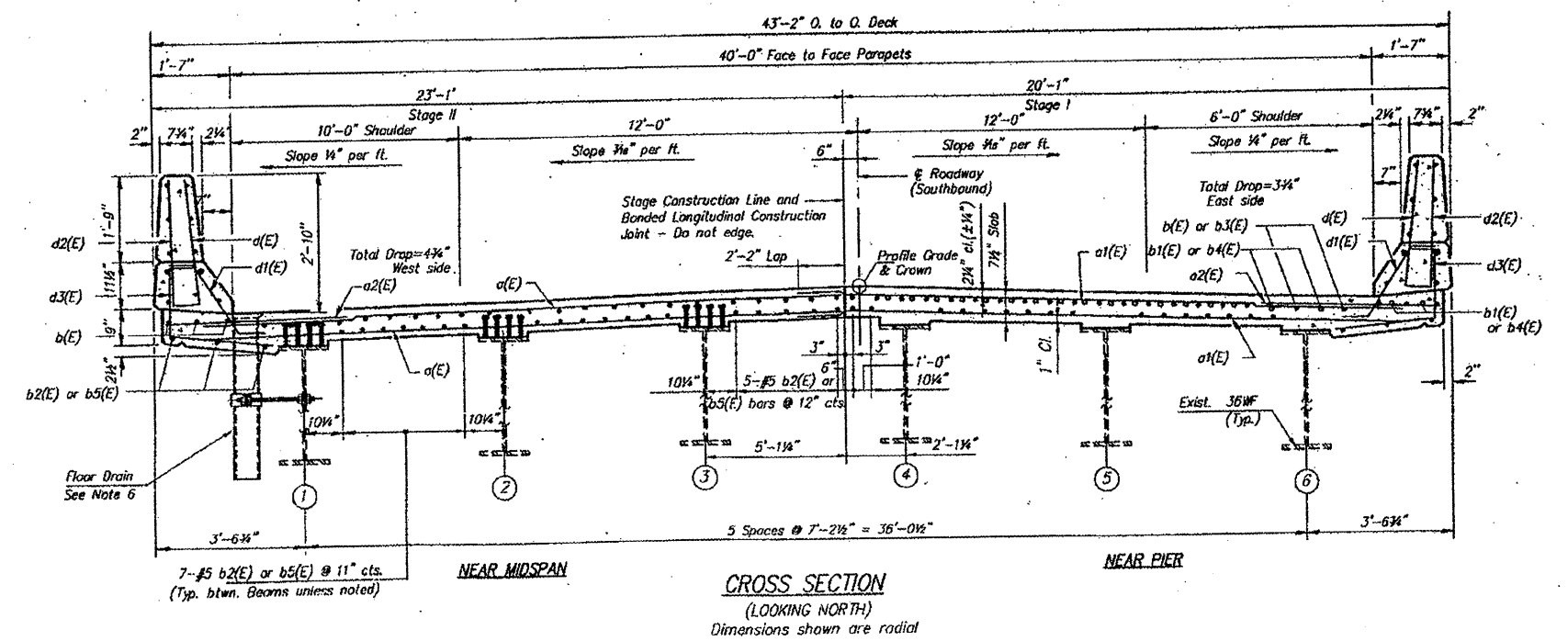
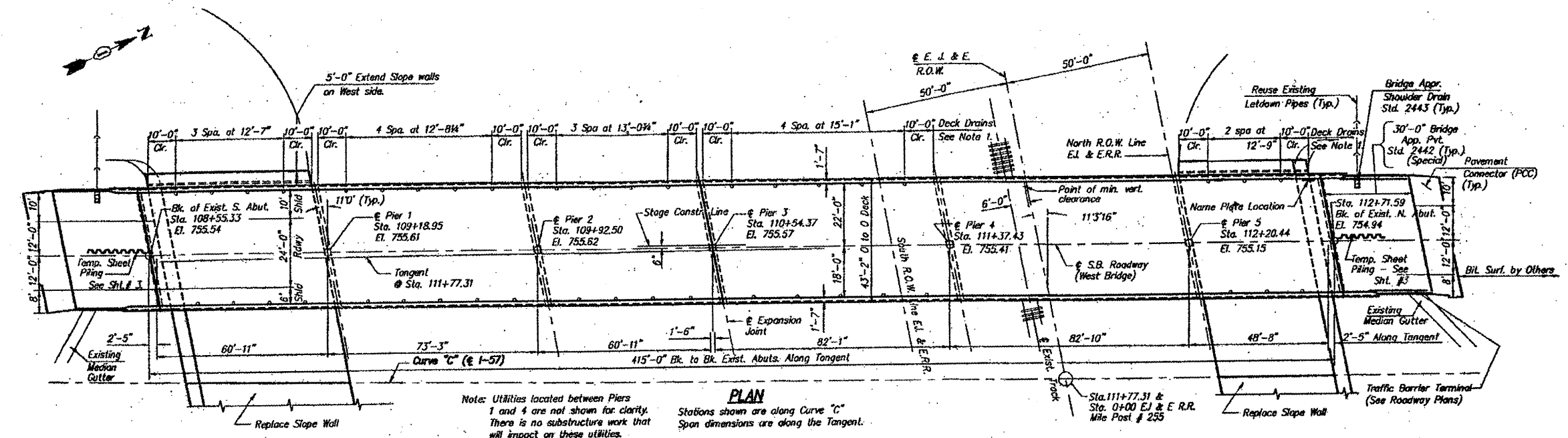


ILLINOIS DEPARTMENT OF
TRANSPORTATION

LOCATION MAP 6
LOCATION 24

ROUTE FAI 57	SECTION 2011-052-I	COUNTY COOK	TOTAL SHEETS 44	SHEET NUMBER 13
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CONTRACT NO. 60P62



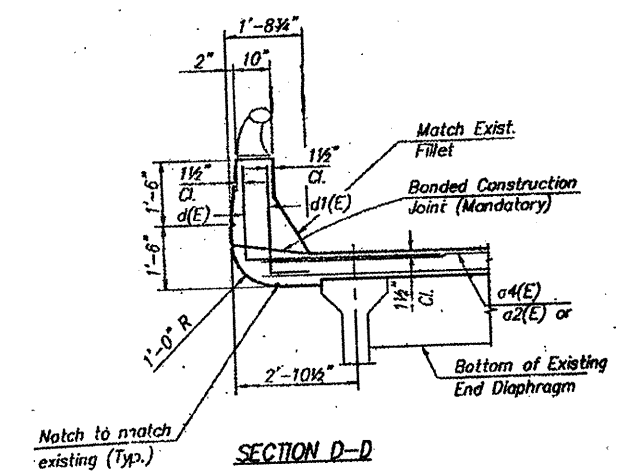
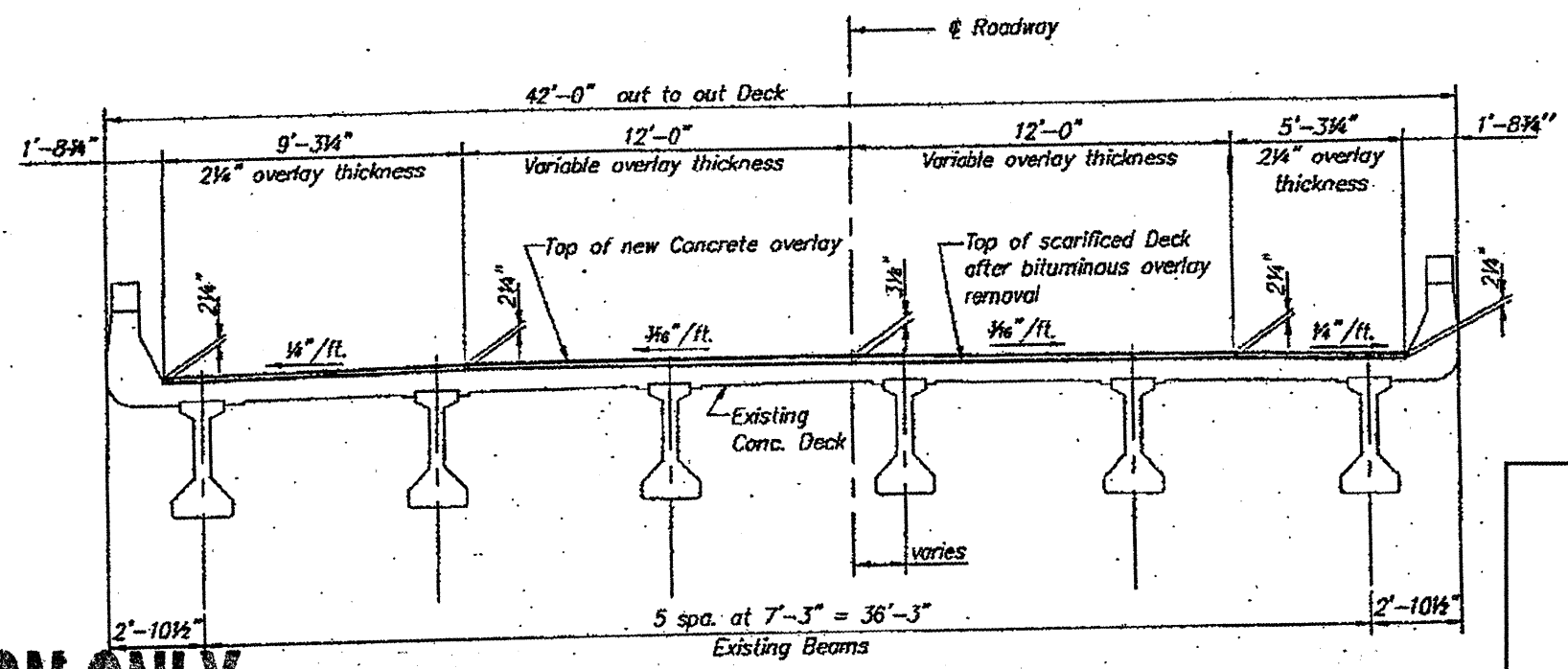
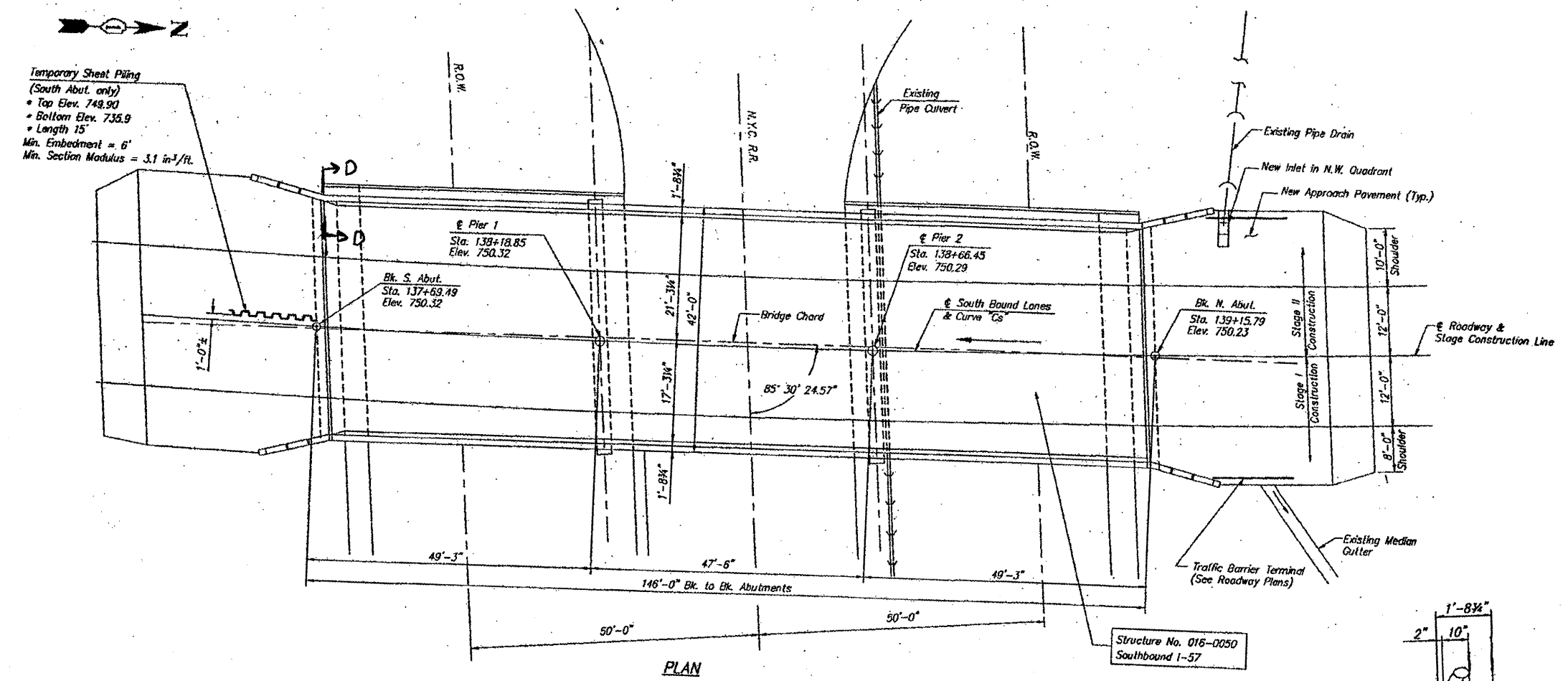
FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING PLANS
LOCATION 1 (SN 016-0048)
I-57 SB over EJ&E Railroad

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAI 57	2011-052-I	COOK	44	15

CONTRACT NO. 60P62



FOR INFORMATION ONLY

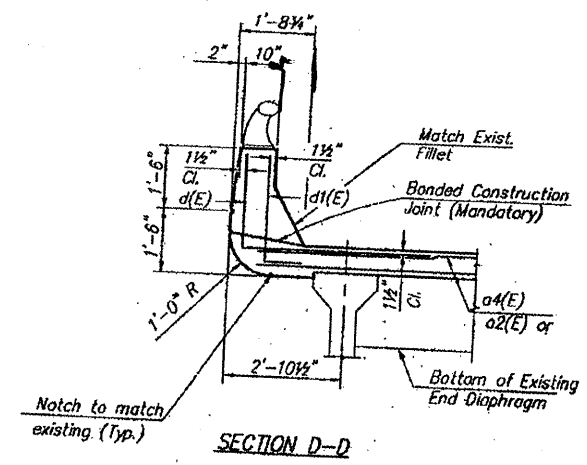
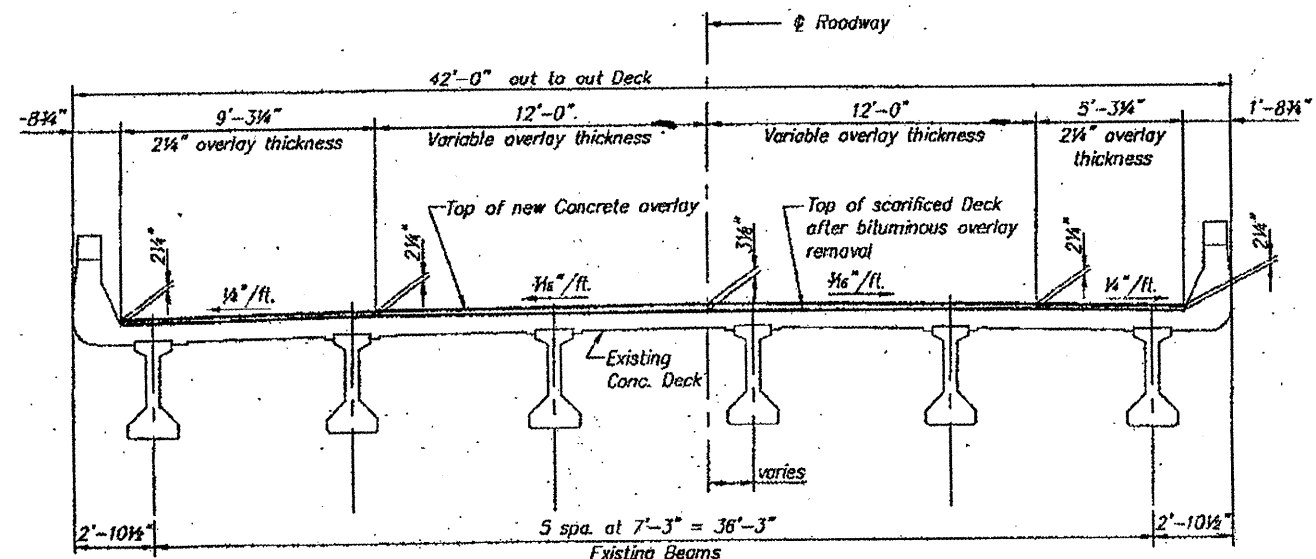
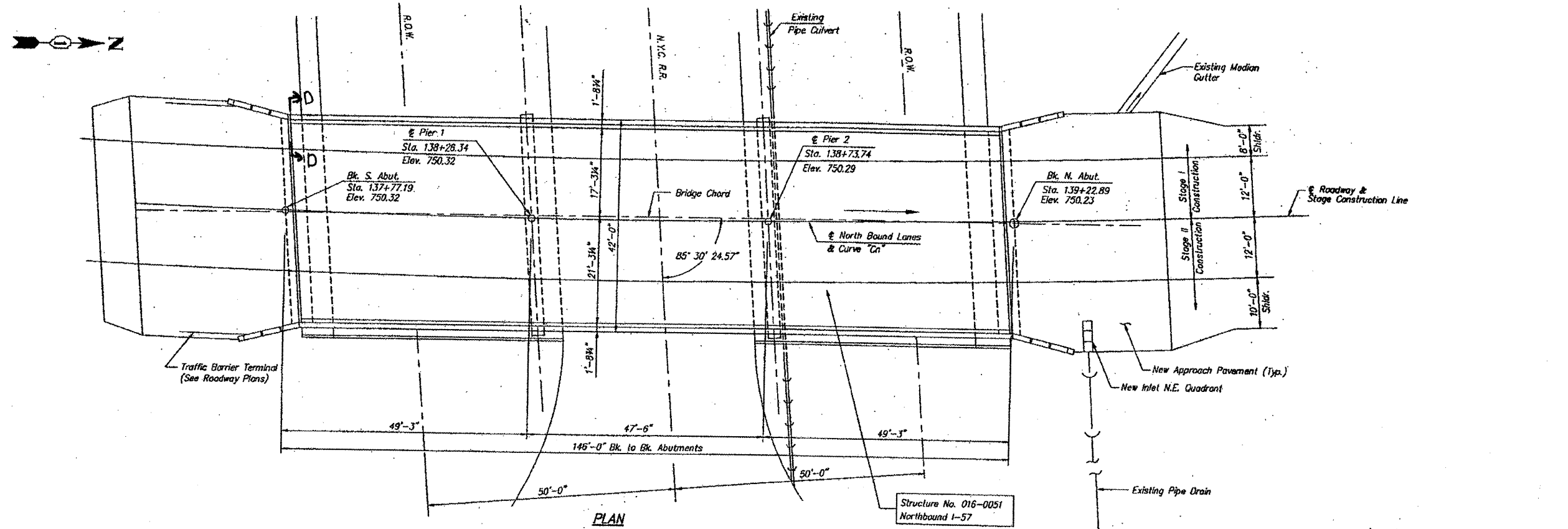
PROPOSED DECK CROSS SECTION
(LOOKING NORTH)

ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING PLANS
LOCATION 3 (SN 016-0050)
I-57 SB over Abandoned Railroad

ROUTE FAI 57	SECTION 2011-052-1	COUNTY COOK	TOTAL SHEETS 44	SHEET NUMBER 16
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CONTRACT NO. 60P62



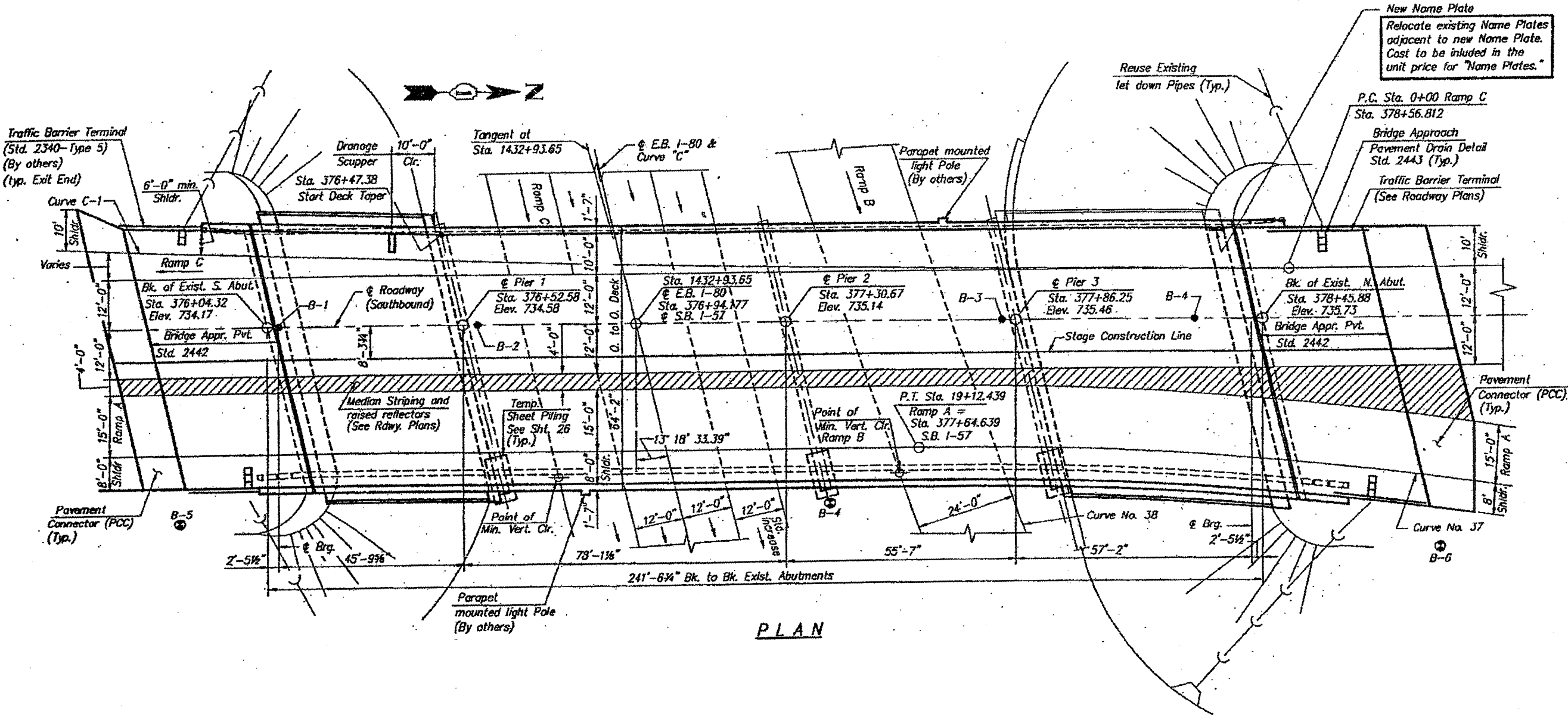
FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING PLANS
LOCATION 4 (SN 016-0051)
I-57 NB over Abandoned Railroad

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAI 57	2011-052-1	COOK	44	17

CONTRACT NO. 60P62



PLAN

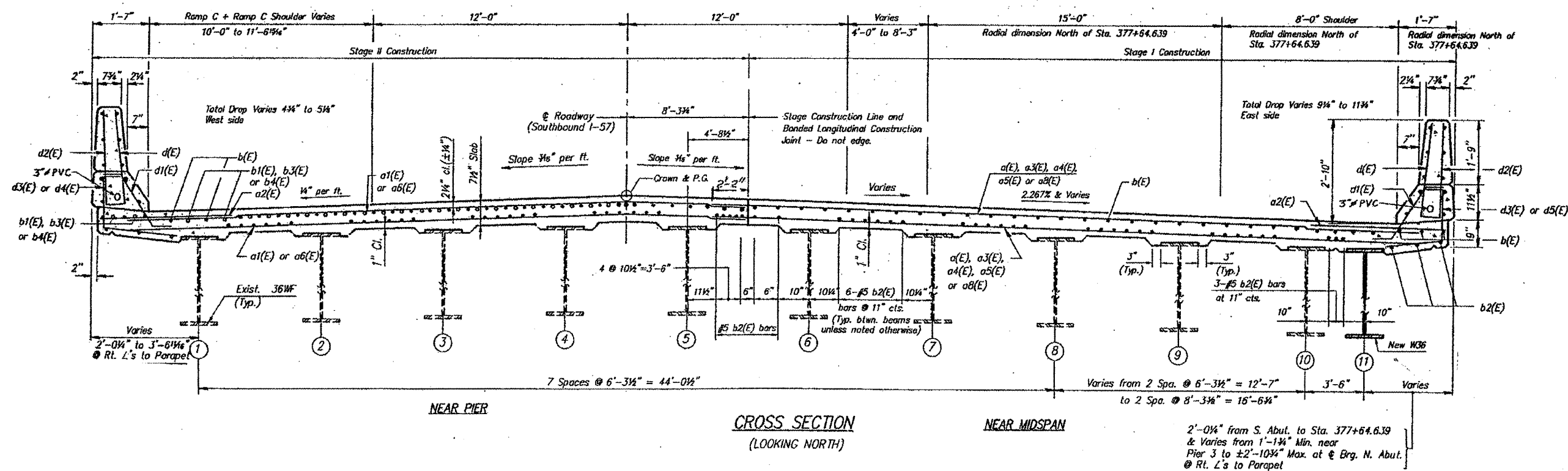
FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING PLANS
LOCATION 5 (SN 016-0052)
I-57 SB over I-80 EB
1 OF 2

ROUTE FAI 57	SECTION 2011-052-I	COUNTY COOK	TOTAL SHEETS 44	SHEET NUMBER 18
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CONTRACT NO. 60P62



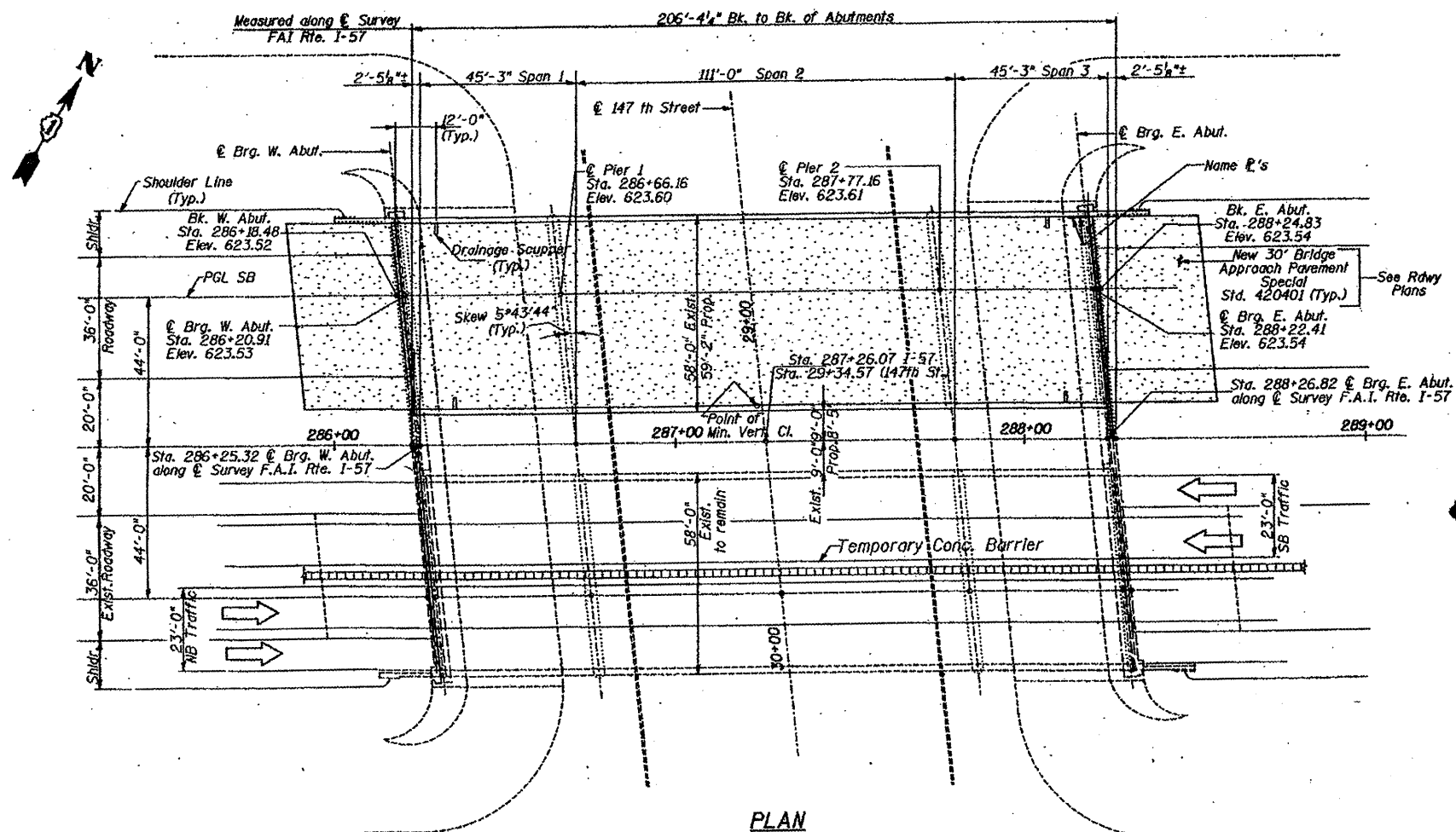
FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF
TRANSPORTATION

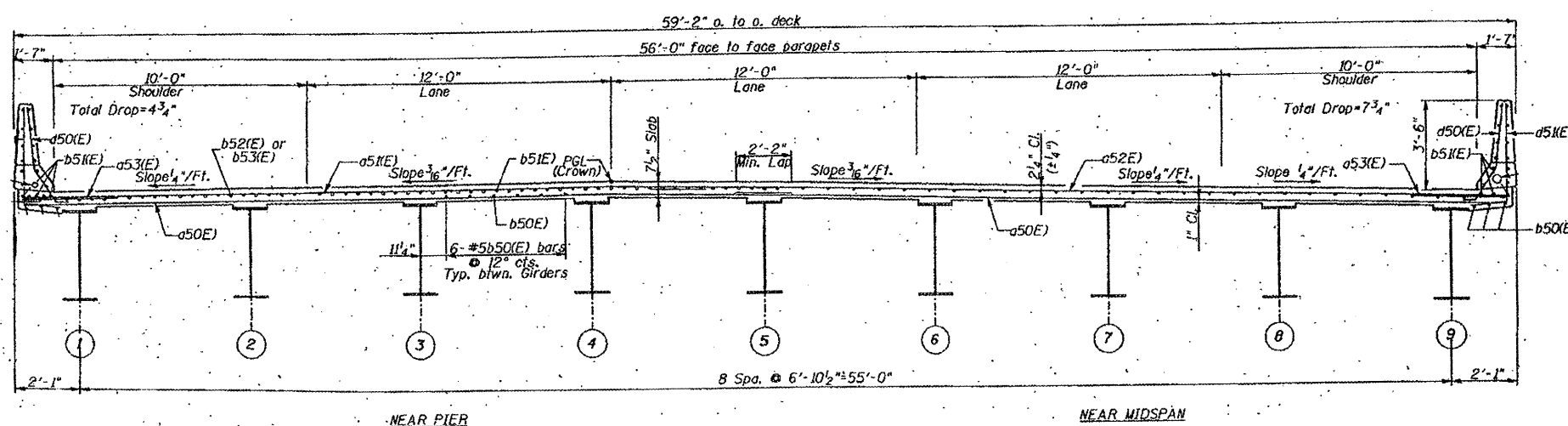
EXISTING PLANS
LOCATION 5 (SN 016-0052)
I-57 SB over I-80 EB
2 OF 2

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAI 57	2011-052-1	COOK	44	21

CONTRACT NO. 60P62



PLAN



CROSS SECTION
(Looking East)

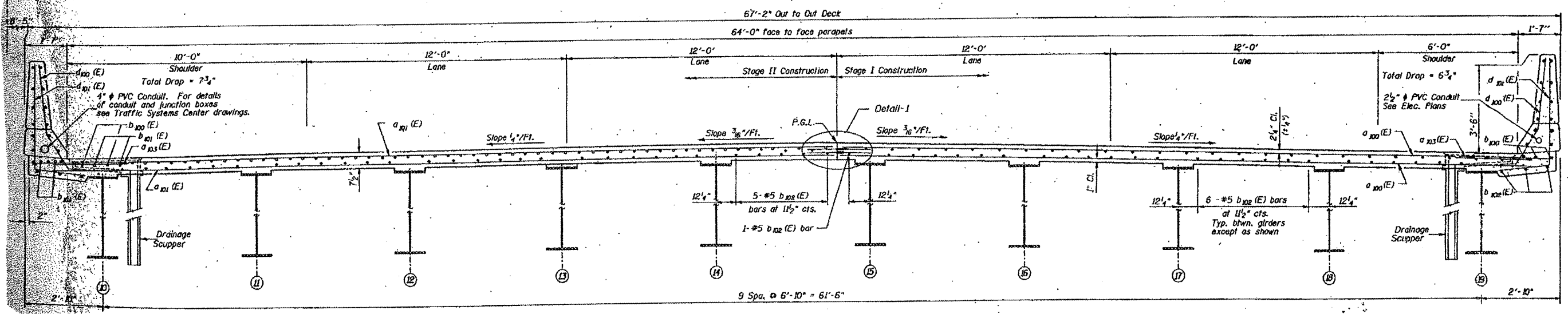
FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF
TRANSPORTATION

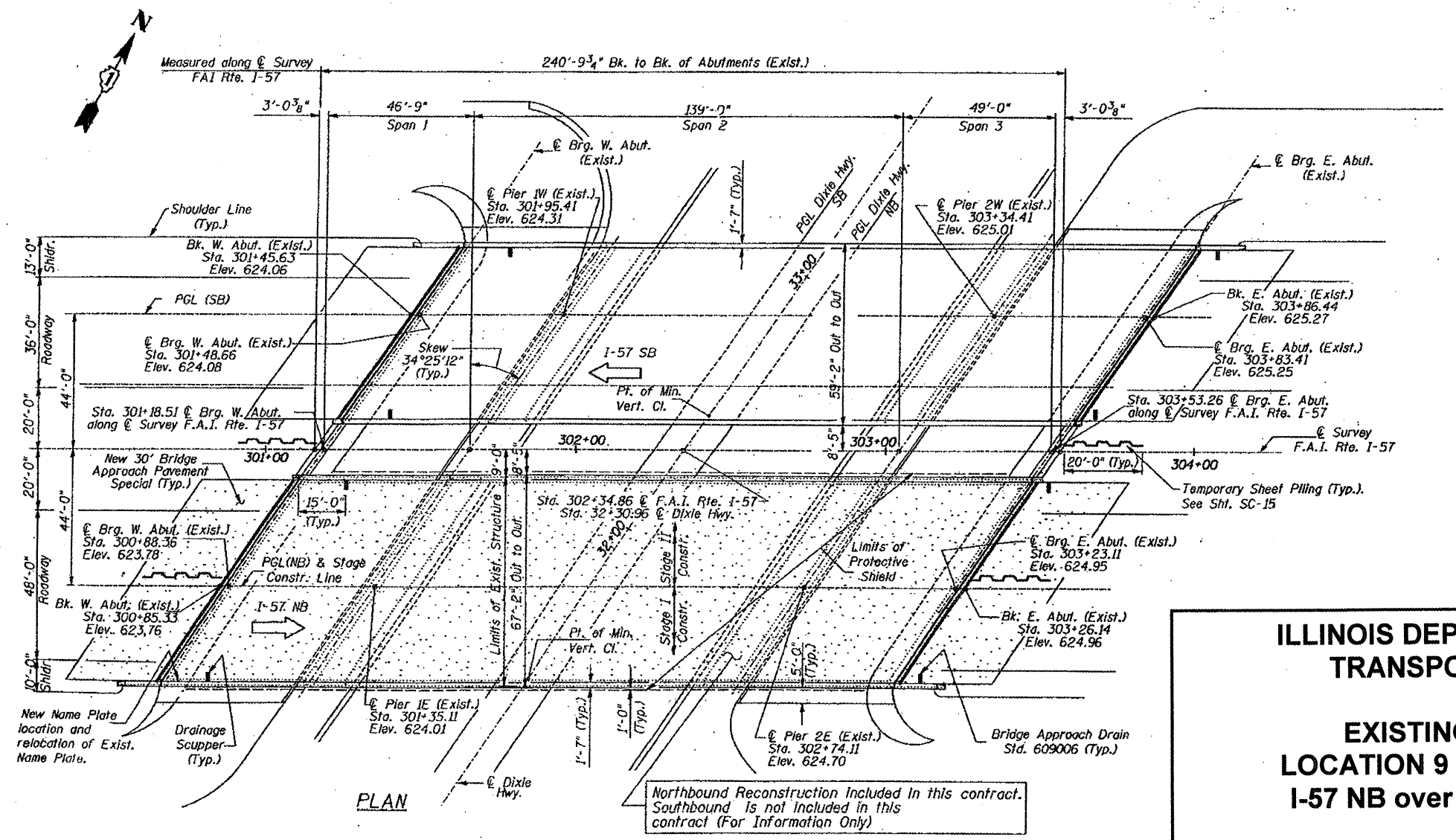
EXISTING PLANS
LOCATION 8 (SN 016-0055)
I-57 SB over IL-83 (147th St.)

ROUTE FAI 57	SECTION 2011-052-I	COUNTY COOK	TOTAL SHEETS 44	SHEET NUMBER 22
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CONTRACT NO. 60P62



NEAR PIER CROSS SECTION (Looking East) NEAR MIDSPAN



PLAN

Northbound Reconstruction Included in this contract. Southbound is not included in this contract (For Information Only)

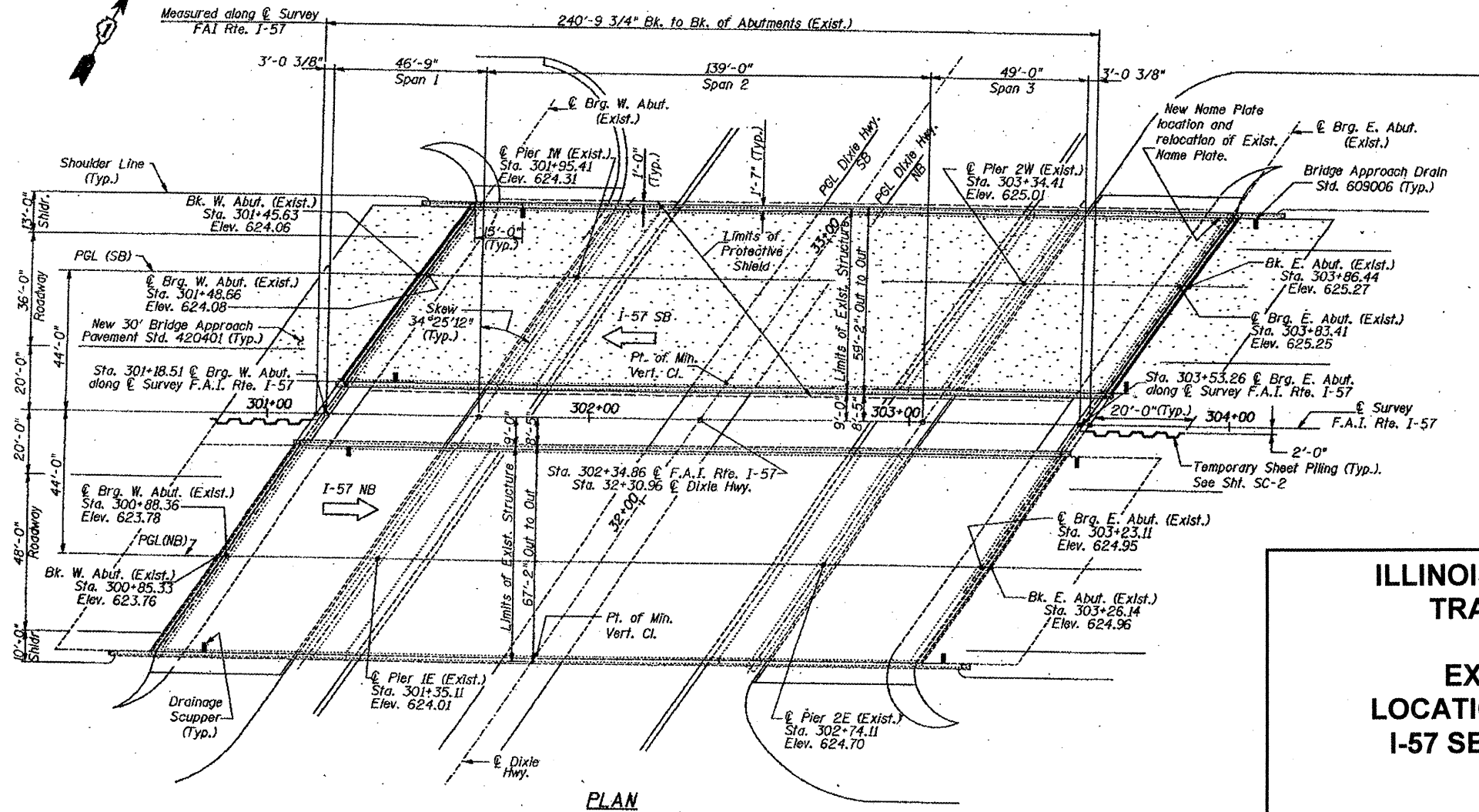
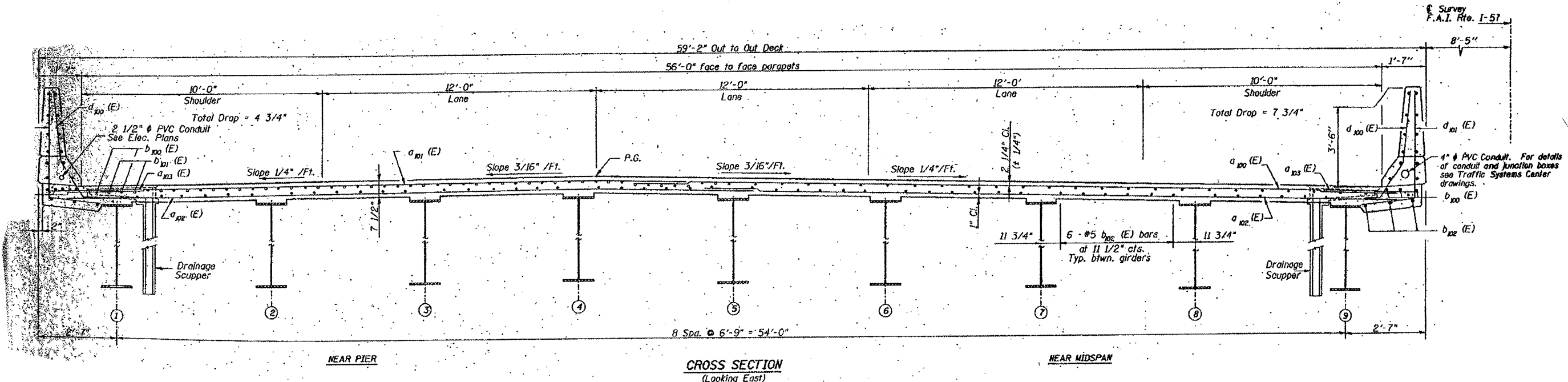
FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
LOCATION 9 (SN 016-0056)
I-57 NB over Western Ave

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAI 57	2011-052-1	COOK	44	23

CONTRACT NO. 60P62



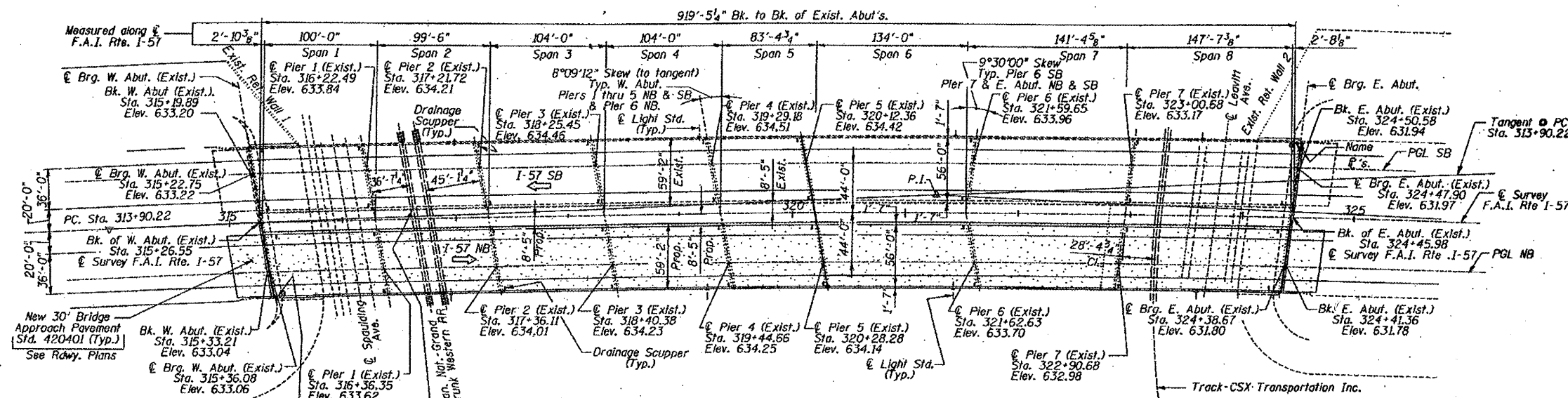
FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF
TRANSPORTATION

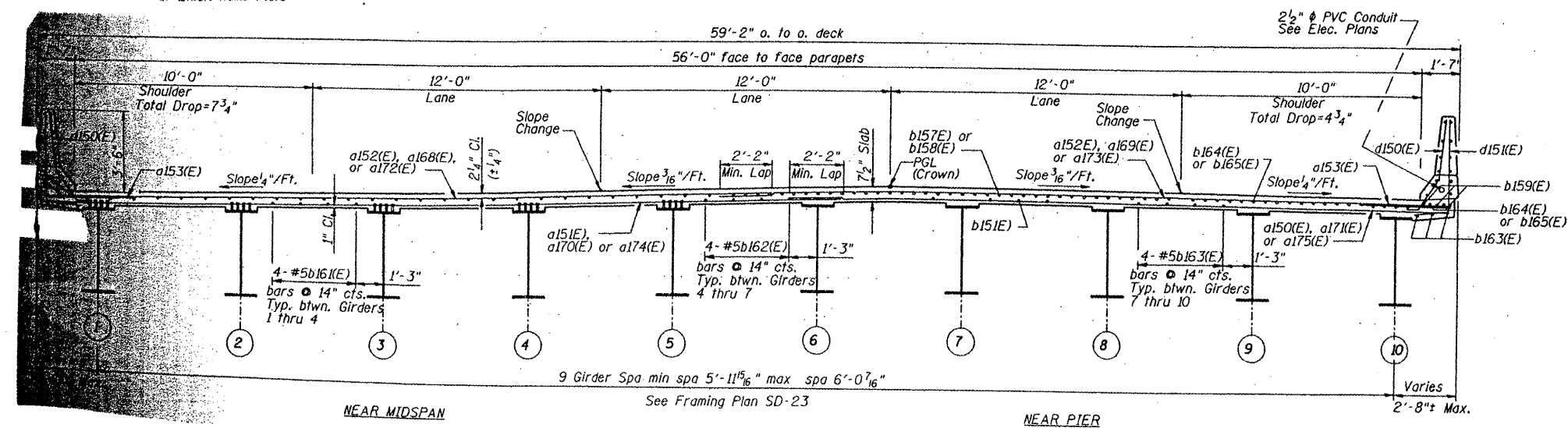
EXISTING PLANS
LOCATION 10 (SN 016-0057)
I-57 SB over Western Ave

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAI 57	2011-052-1	COOK	44	24

CONTRACT NO. 60P62



PLAN



CROSS SECTION (Spans 6 to 8 shown)
(Spans 1 to 5 similar except 9 beams)
(Looking East)

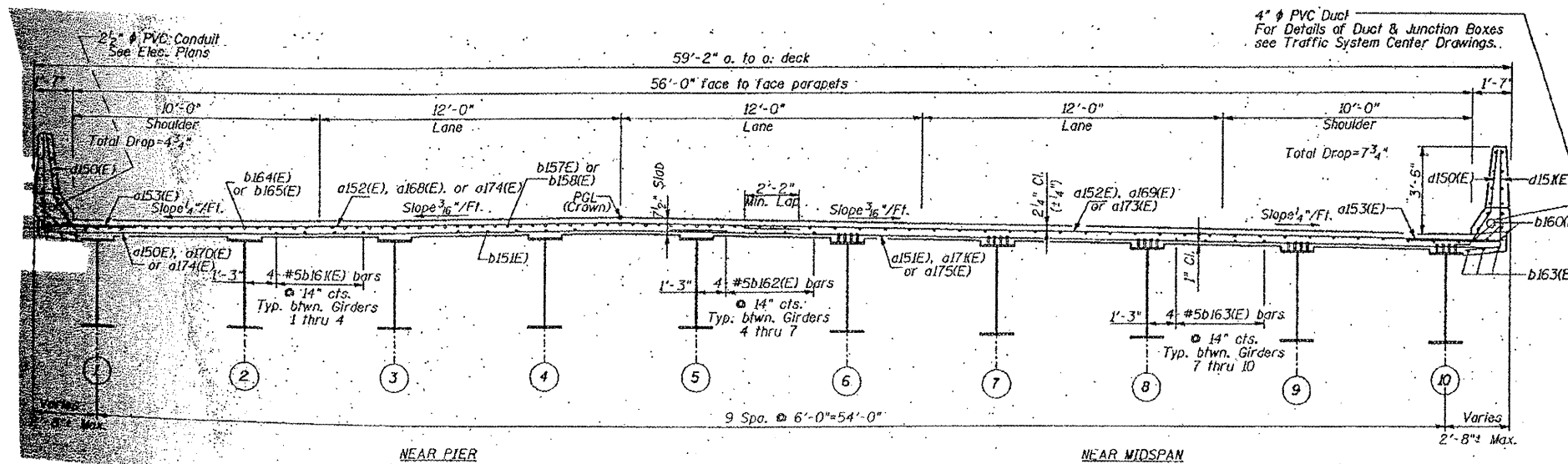
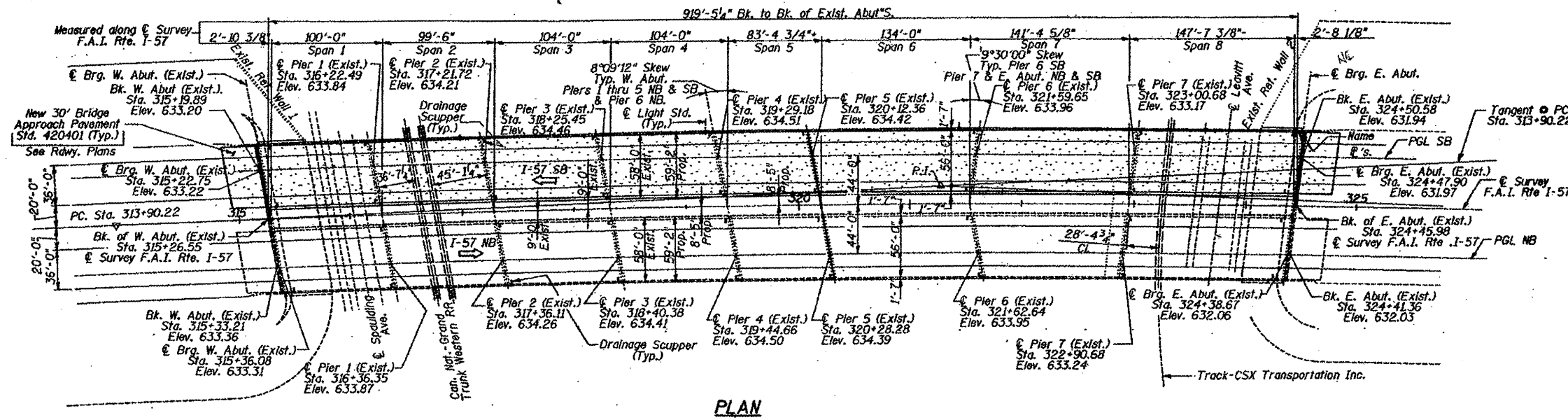
FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING PLANS
LOCATION 11 (SN 016-0058)
I-57 NB over 143rd St., CSX & GTW

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAI 57	2011-052-1	COOK	44	25

CONTRACT NO. 60P62



CROSS SECTION (Spans 6 to 8 shown)
(Looking East)
(Spans 1 to 5 similar except 9 beams)

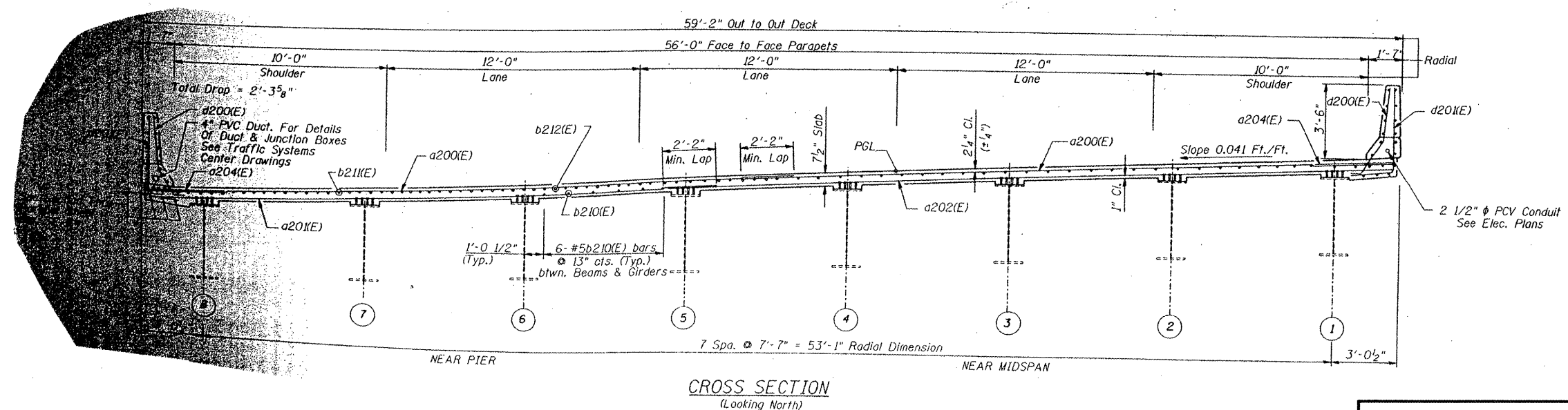
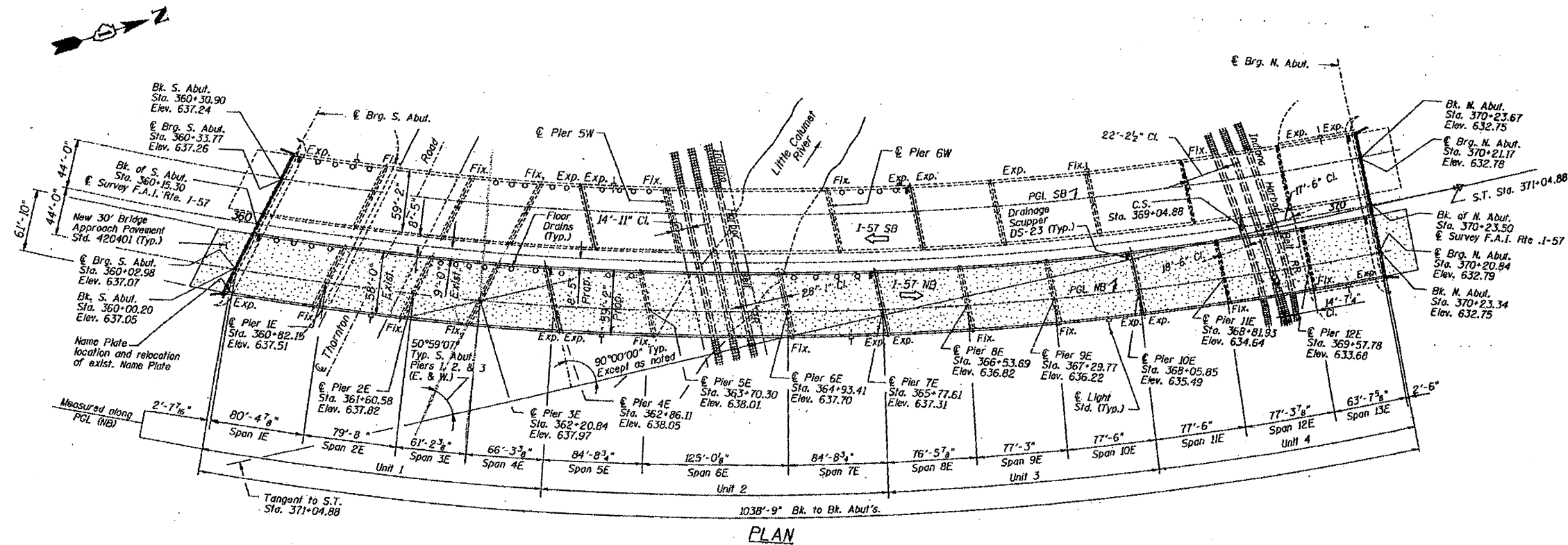
FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING PLANS
LOCATION 12 (SN 016-0059)
I-57 SB over 143rd St., CSX & GTW

ROUTE FAI 57	SECTION 2011-052-I	COUNTY COOK	TOTAL SHEETS 44	SHEET NUMBER 26
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CONTRACT NO. 60P62



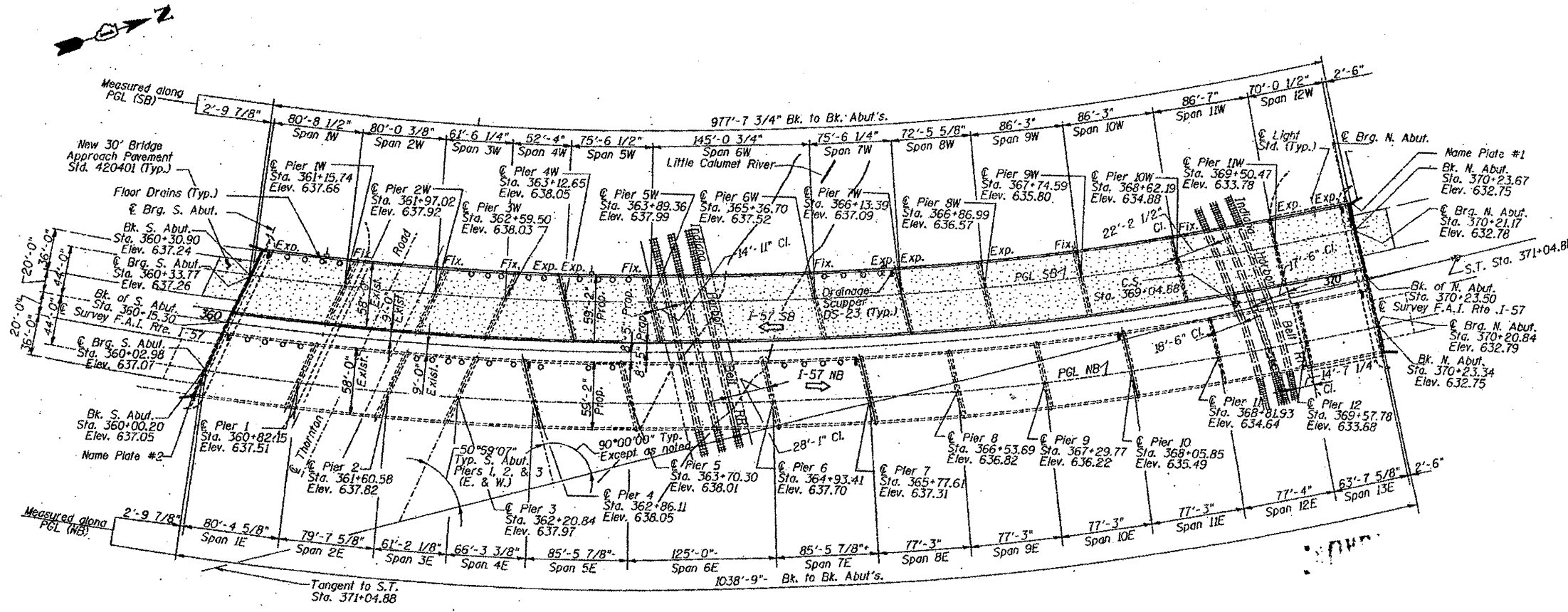
FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF
TRANSPORTATION

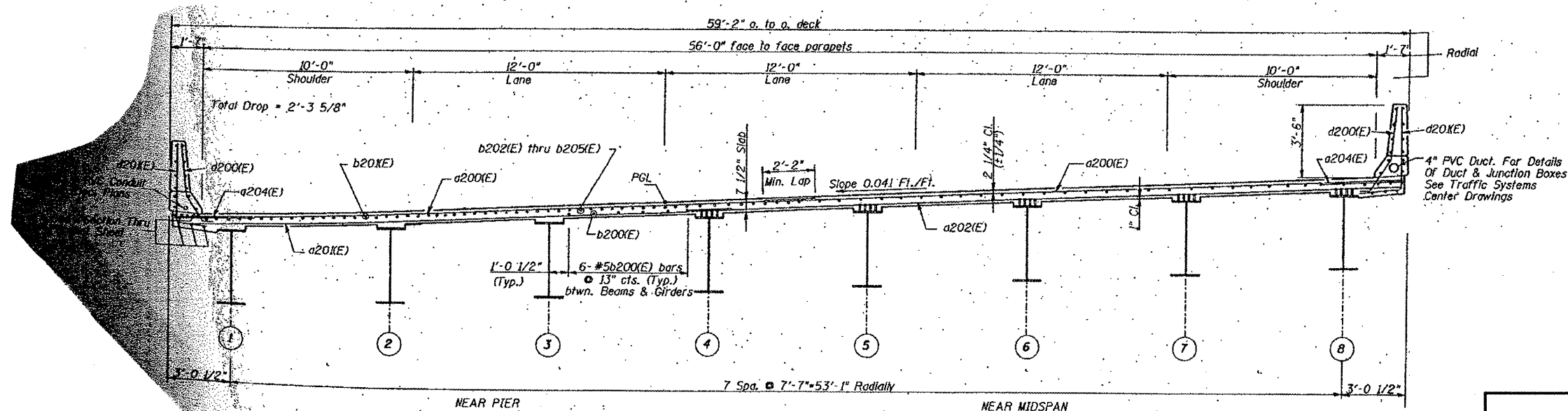
EXISTING PLANS
LOCATION 13 (SN 016-0060)
I-57 NB over Little Calumet River,
Thornton Rd. & IHB Railroad

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAI 57	2011-052-I	COOK	44	27

CONTRACT NO. 60P62



PLAN



CROSS SECTION
(Looking North)

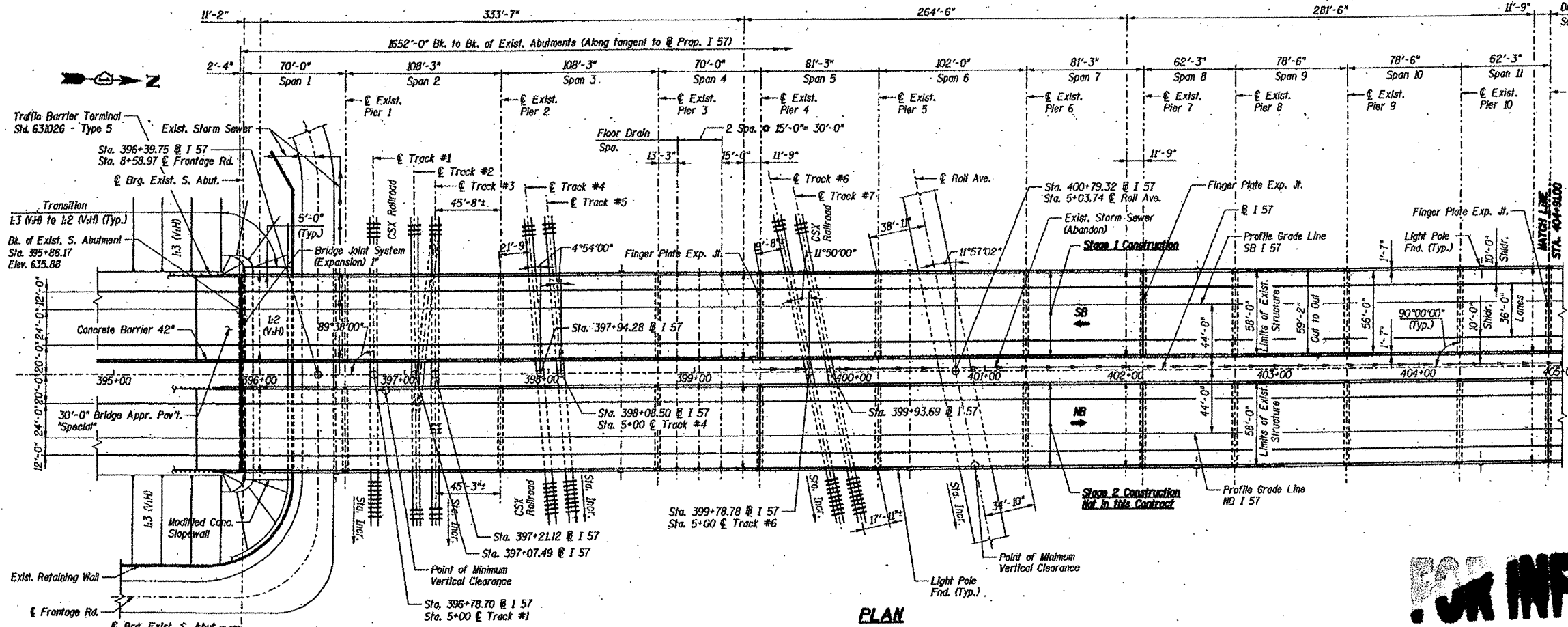
FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF
TRANSPORTATION

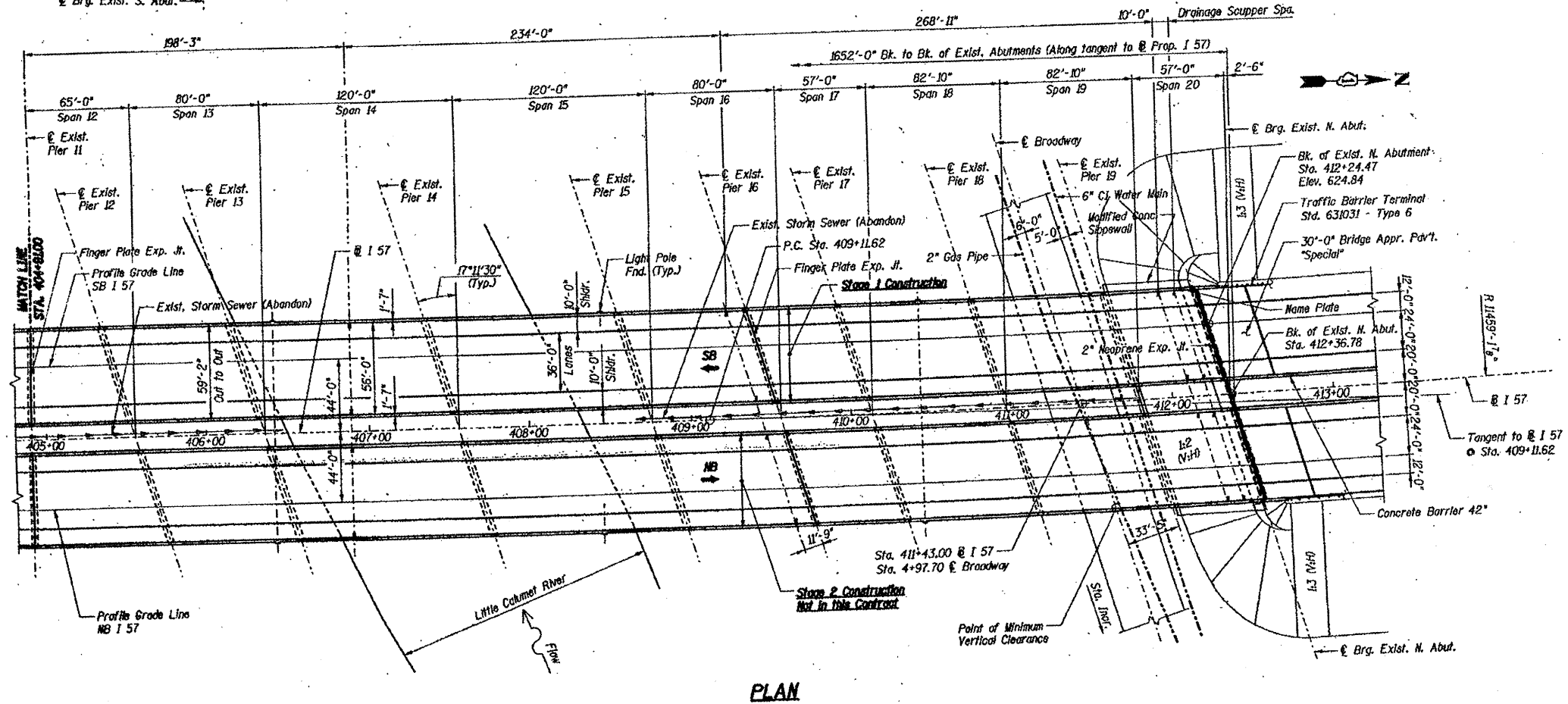
EXISTING PLANS
LOCATION 14 (SN 016-0061)
I-57 SB over Little Calumet River,
Thornton Rd. & IHB Railroad

ROUTE FAI 57	SECTION 2011-052-1	COUNTY COOK	TOTAL SHEETS 44	SHEET NUMBER 28
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CONTRACT NO. 60P62



FOR INFORMATION ONLY

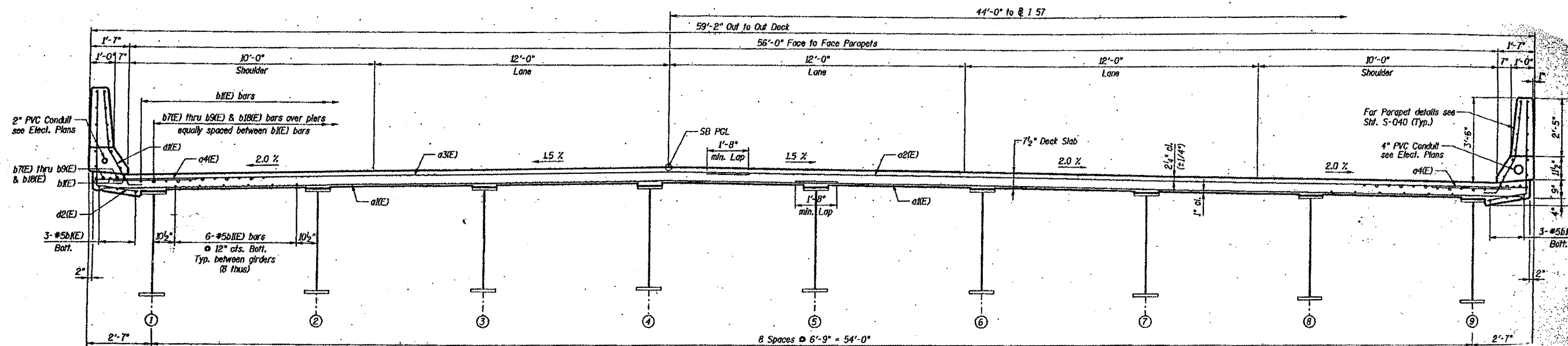


ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING PLANS
LOCATION 15 (SN 016-0062)
I-57 SB over Little Calumet River,
Broadway St. & CSX Railroad
SHEET 1 OF 2

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAI 57	2011-052-1	COOK	44	29

CONTRACT NO. 60P62



UNIT 1, UNIT 2 & UNIT 3 (Units 4 & 5 similar except 7 beams at 9' spacing)

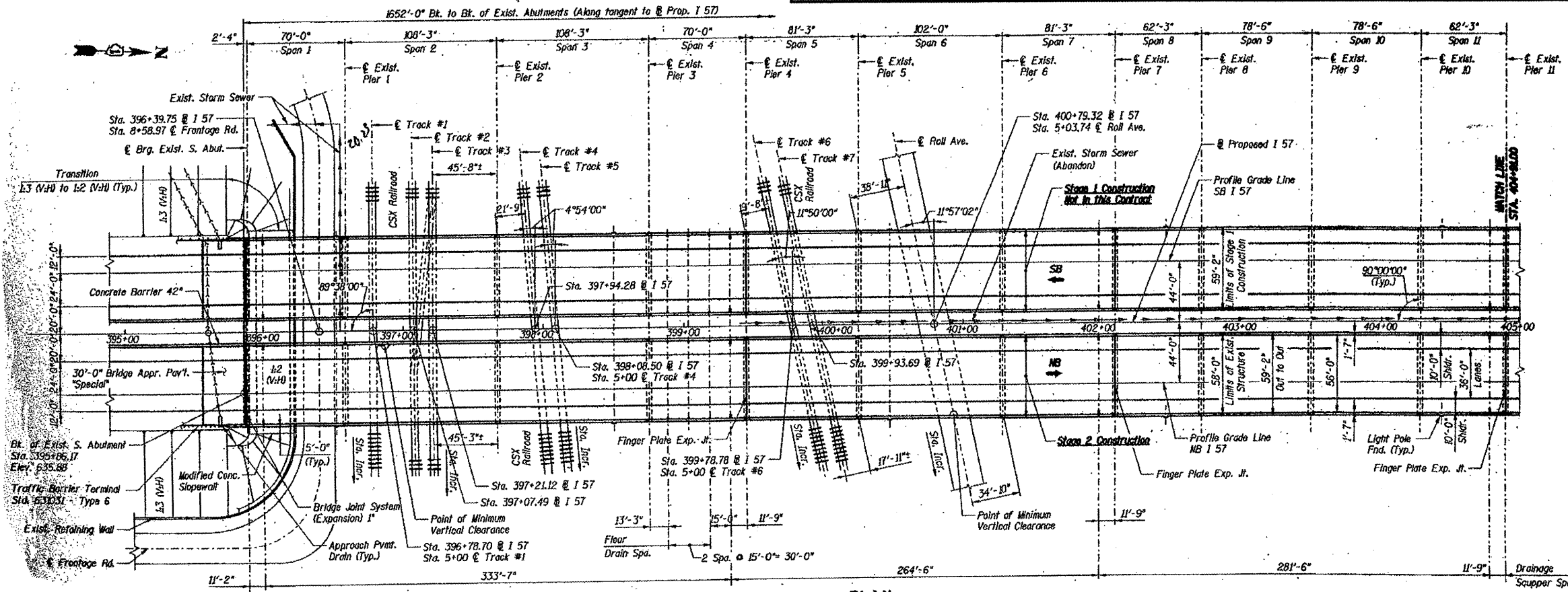
FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF
TRANSPORTATION

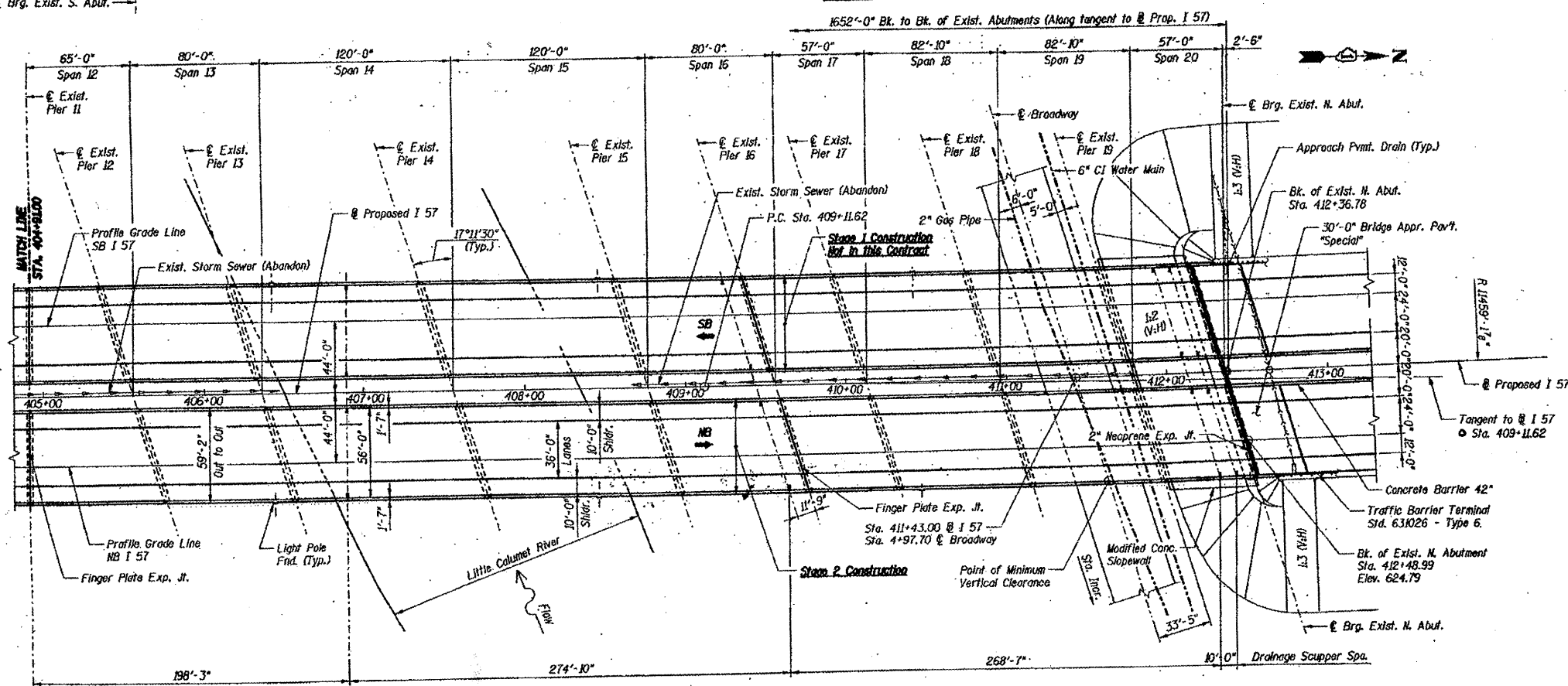
EXISTING PLANS
LOCATION 15 (SN 016-0062)
I-57 SB over Little Calumet River,
Broadway St. & CSX Railroad
SHEET 2 OF 2

ROUTE FAI 57	SECTION 2011-052-1	COUNTY COOK	TOTAL SHEETS 44	SHEET NUMBER 30
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CONTRACT NO. 60P62



PLAN



PLAN

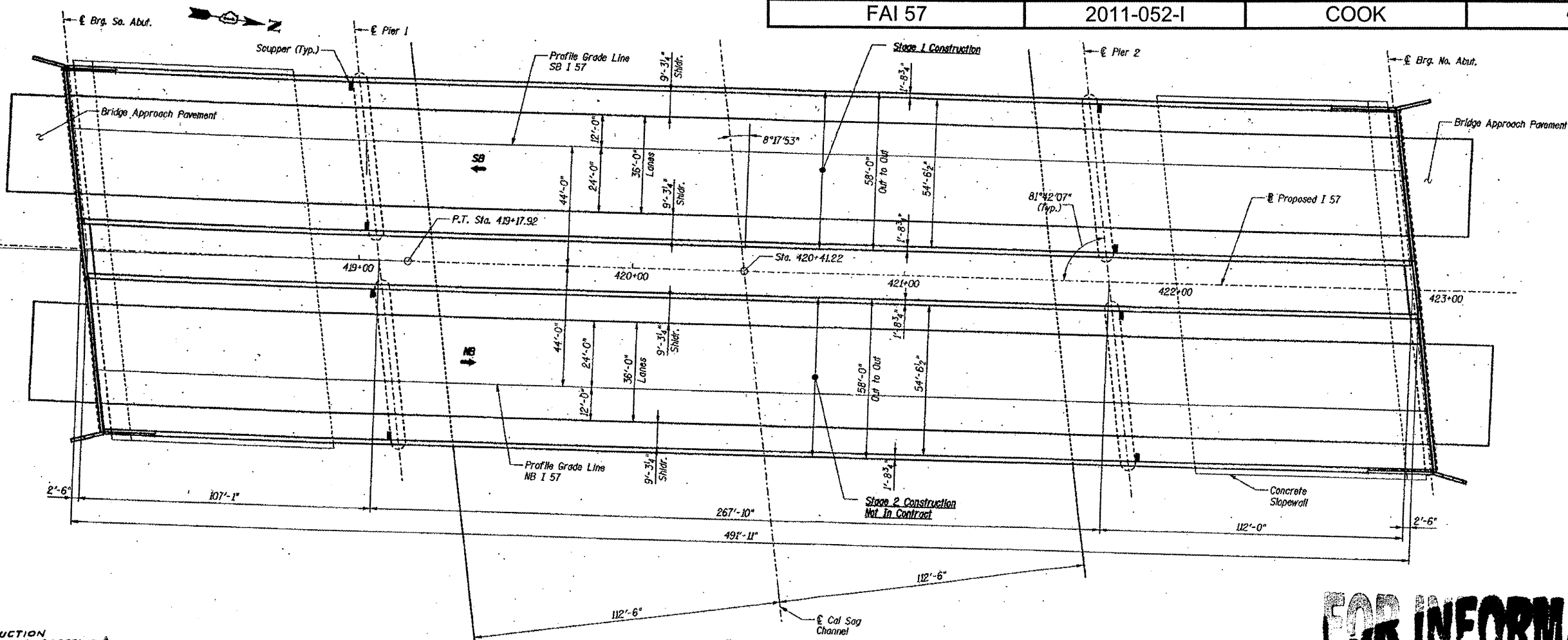
FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING PLANS
LOCATION 16 (SN 016-0063)
I-57 NB over Little Calumet River,
Broadway St. & CSX Railroad
SHEET 1 OF 2

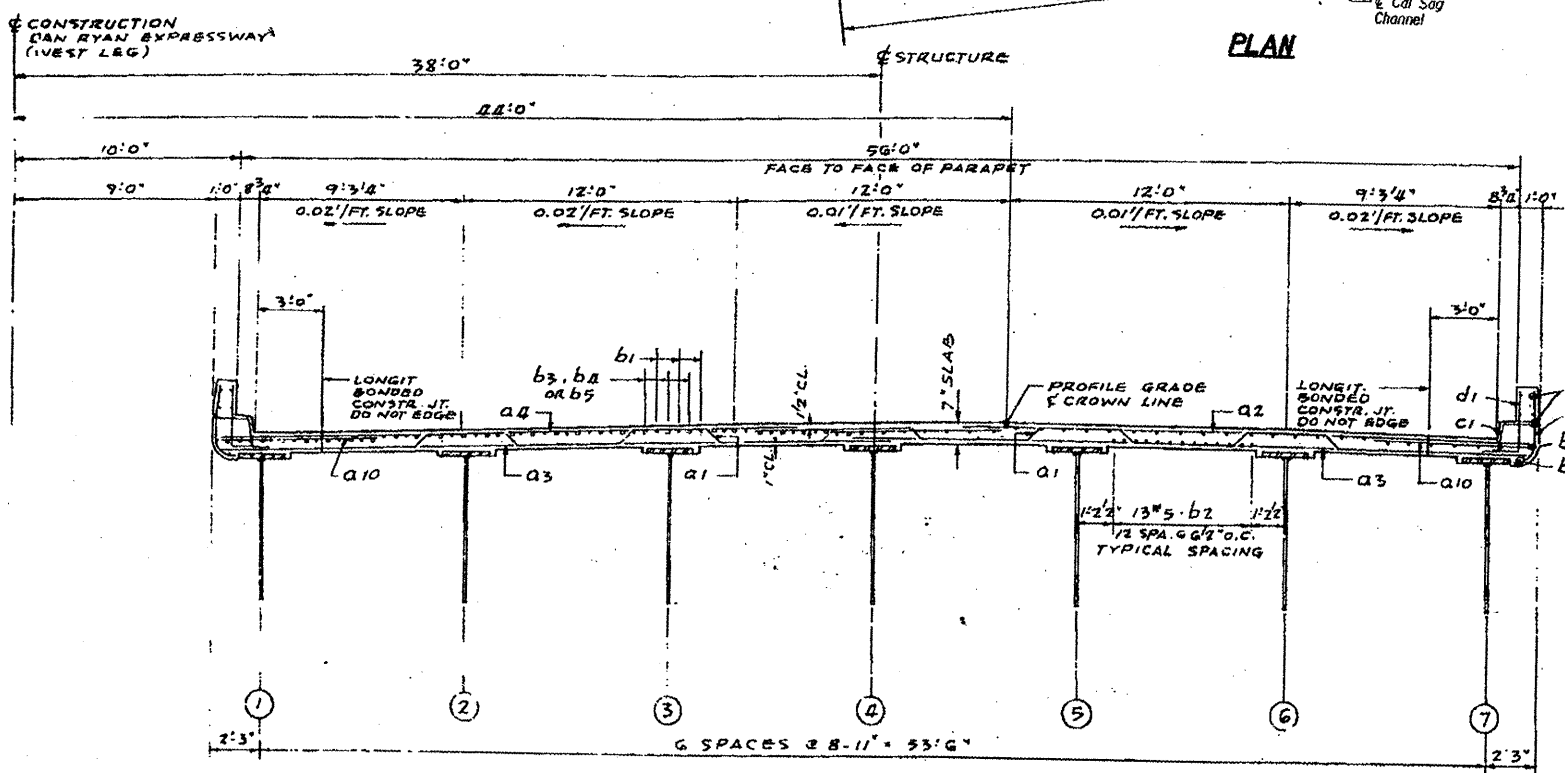
ROUTE FAI 57	SECTION 2011-052-1	COUNTY COOK	TOTAL SHEETS 44	SHEET NUMBER 32
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CONTRACT NO. 60P62

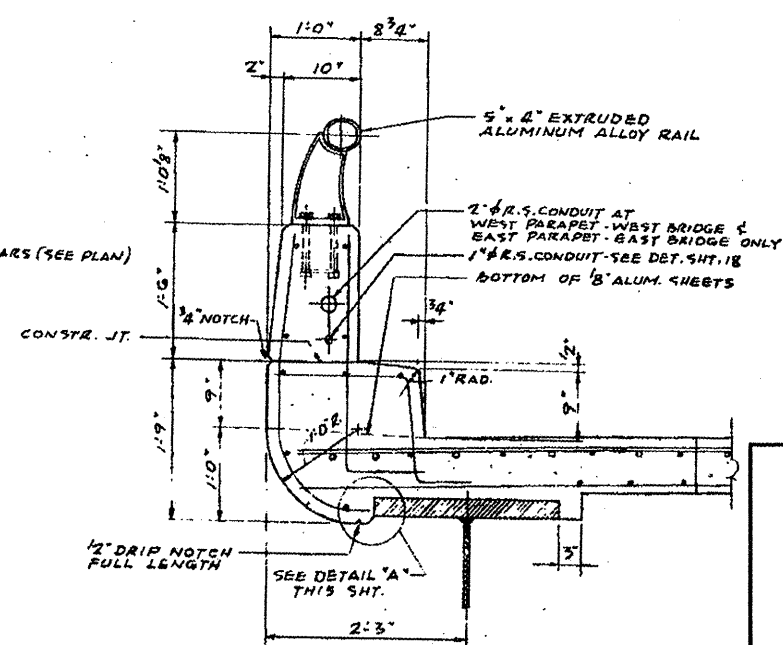


PLAN

FOR INFORMATION ONLY



NEAR PIERS
NEAR MIDSPAN
TYPICAL CROSS SECTION
SCALE: 1/4" = 1'-0"



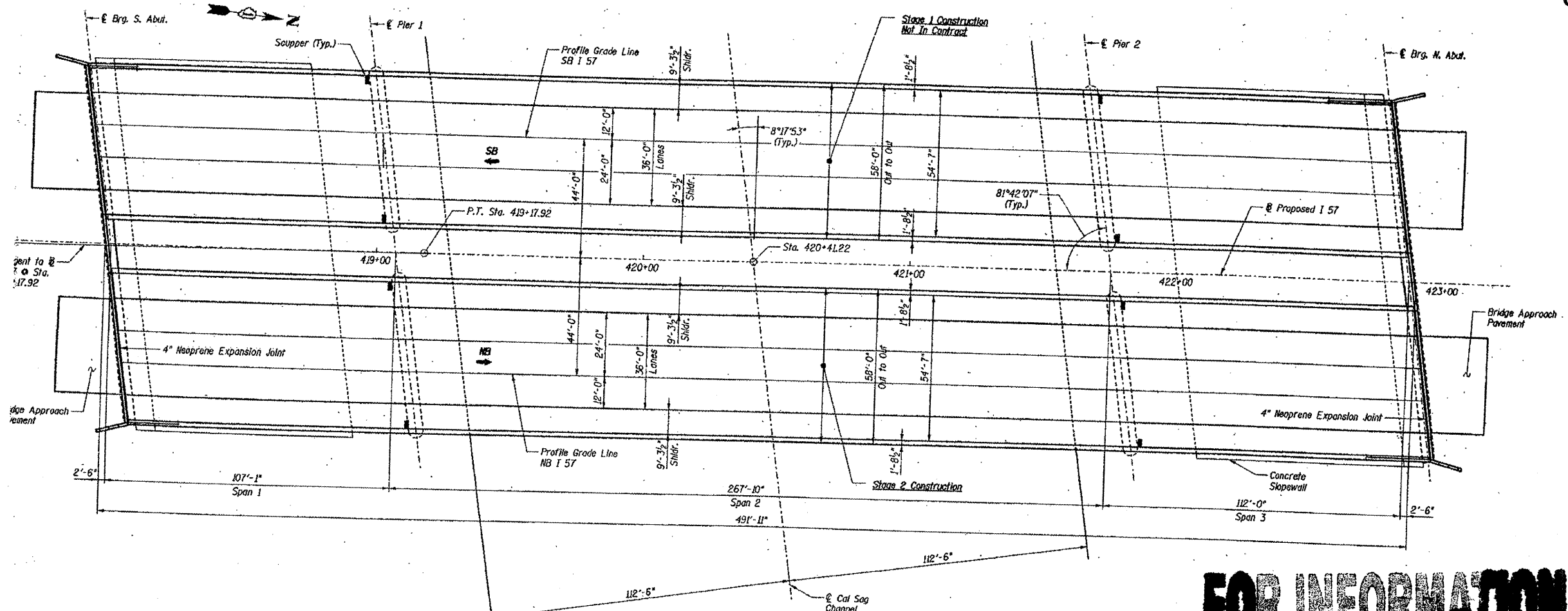
TYP. CURB DETAIL
SCALE: 1" = 1'-0"

ILLINOIS DEPARTMENT OF
TRANSPORTATION

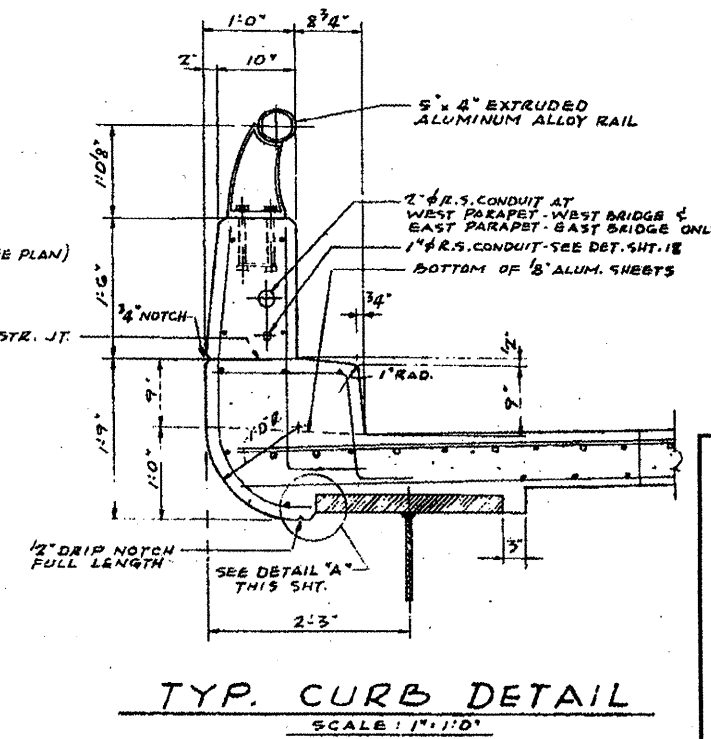
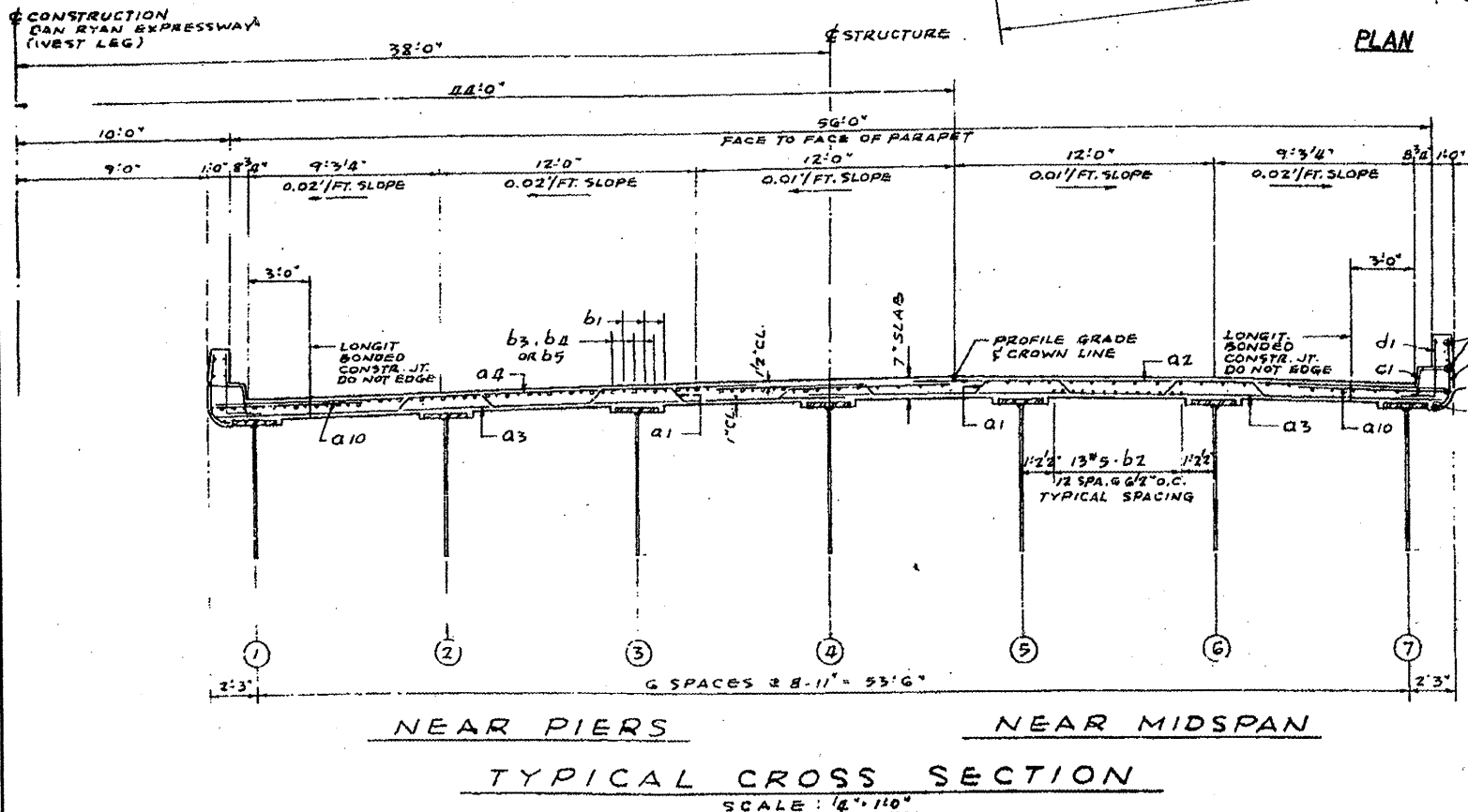
EXISTING PLANS
LOCATION 17 (SN 016-0064)
I-57 SB over Calumet Sag Channel

ROUTE FAI 57	SECTION 2011-052-1	COUNTY COOK	TOTAL SHEETS 44	SHEET NUMBER 33
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CONTRACT NO. 60P62



FOR INFORMATION ONLY

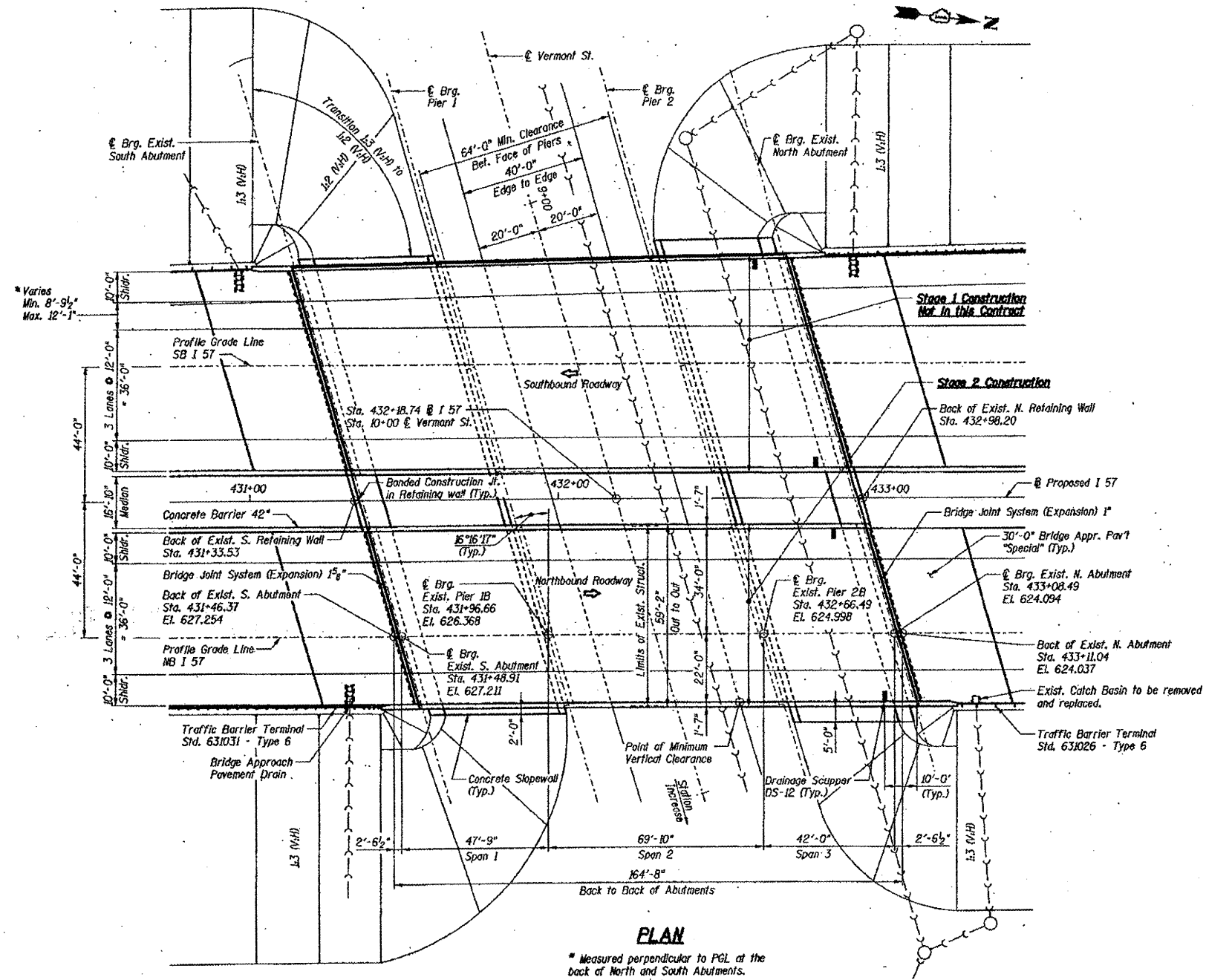


ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING PLANS
LOCATION 18 (SN 016-0065)
I-57 NB over Calumet Sag Channel

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAI 57	2011-052-1	COOK	44	34

CONTRACT NO. 60P62



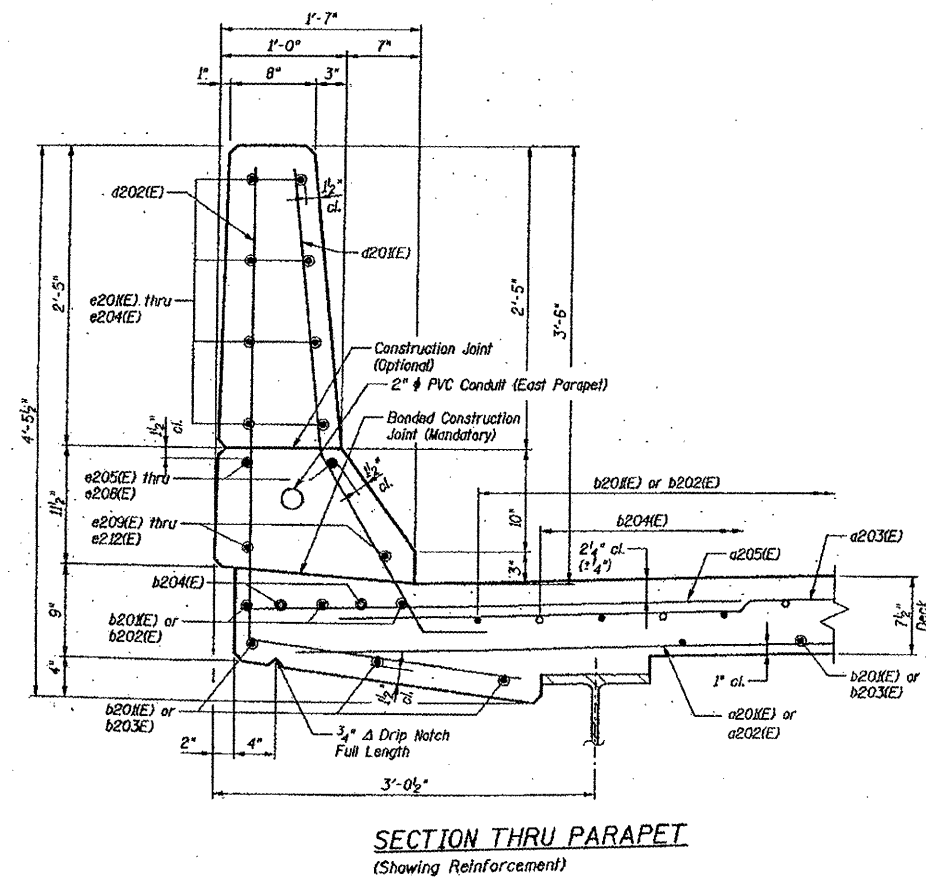
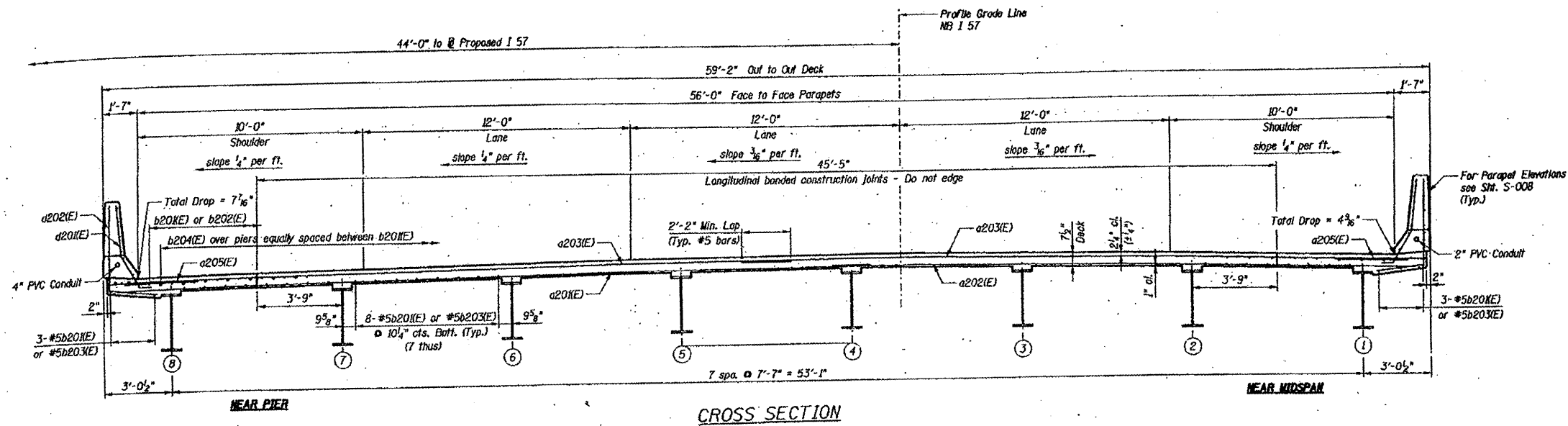
FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING PLANS
LOCATION 19 (SN 016-0067)
I-57 NB over Vermont St.
1 OF 2

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAI 57	2011-052-I	COOK	44	35

CONTRACT NO. 60P62



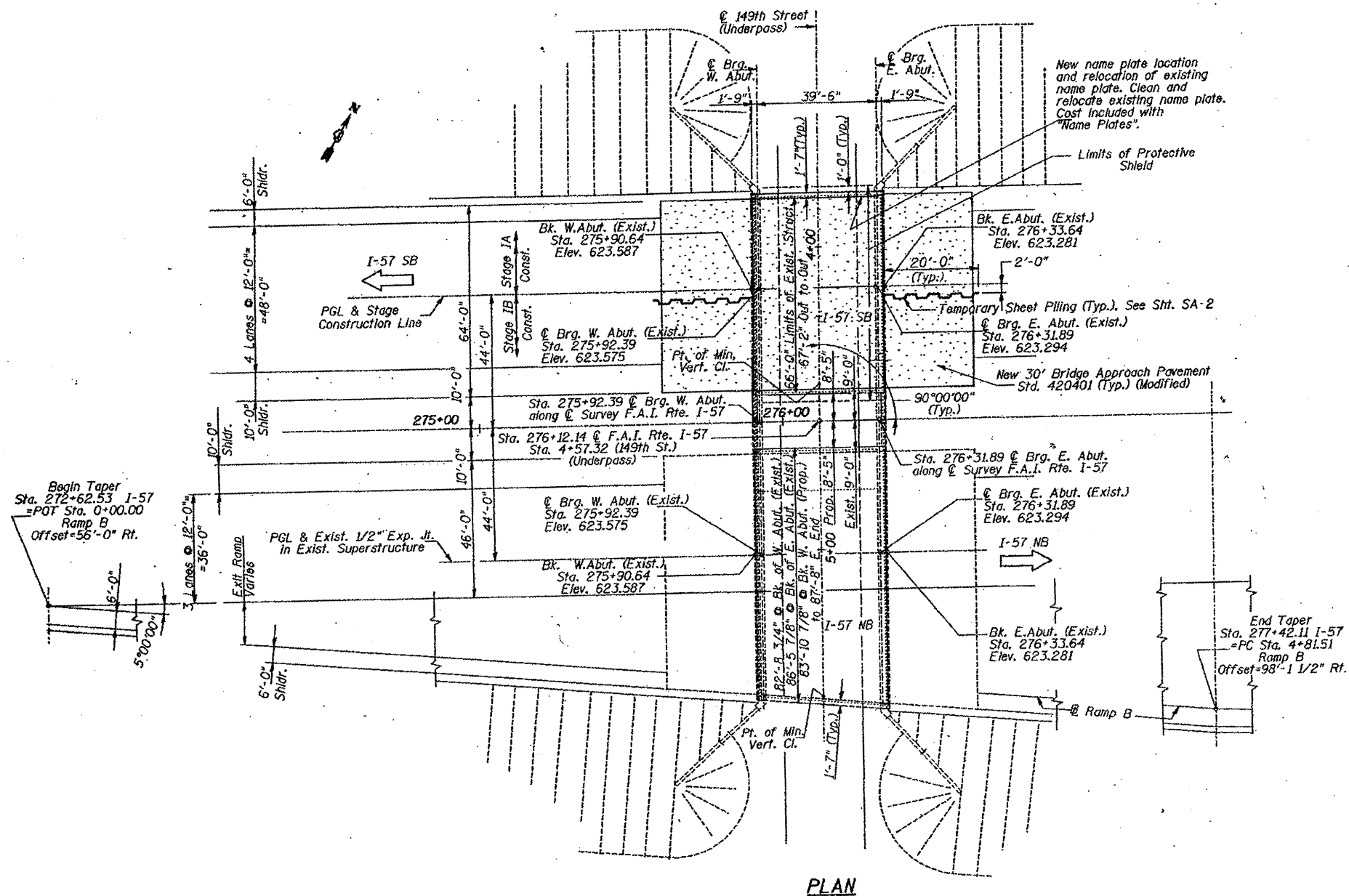
FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING PLANS
LOCATION 19 (SN 016-0067)
I-57 NB over Vermont St.
2 OF 2

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAI 57	2011-052-1	COOK	44	36

CONTRACT NO. 60P62



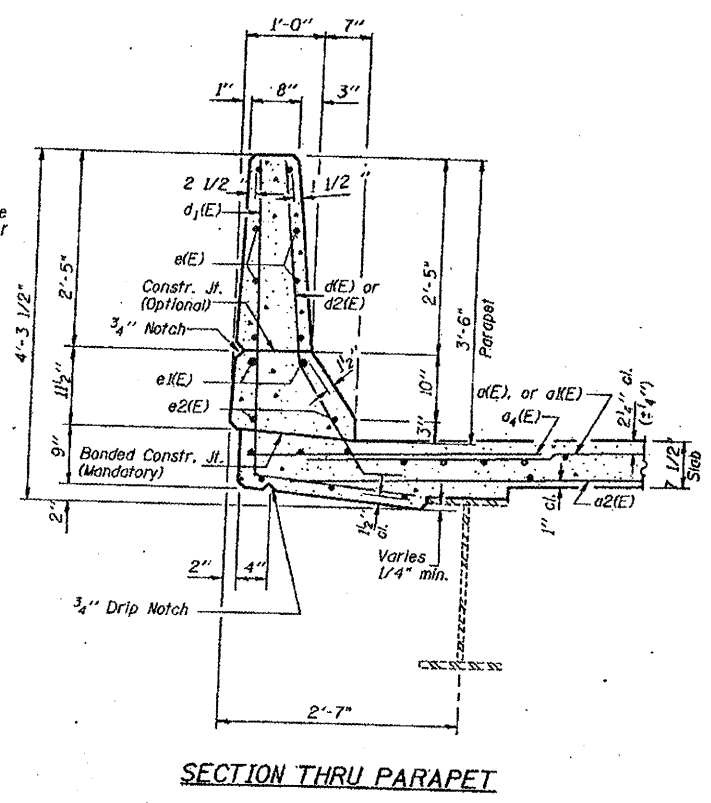
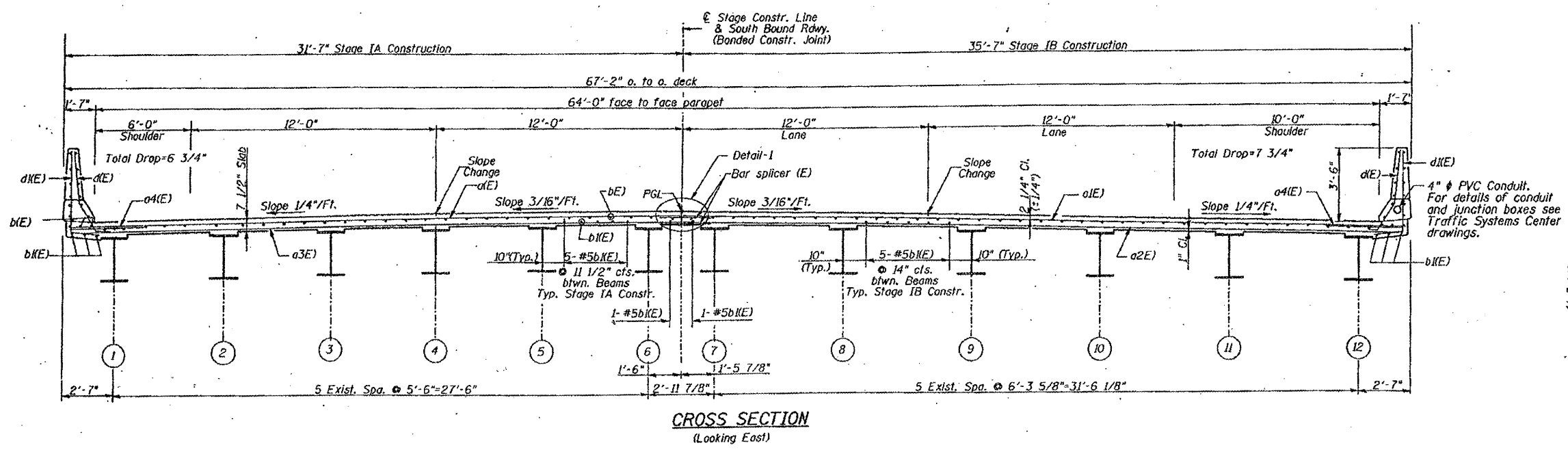
FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING PLANS
LOCATION 20 (SN 016-1012)
I-57 SB over 149th St.
SHEET 1 OF 2

ROUTE FAI 57	SECTION 2011-052-1	COUNTY COOK	TOTAL SHEETS 44	SHEET NUMBER 37
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CONTRACT NO. 60P62



FOR INFORMATION ONLY

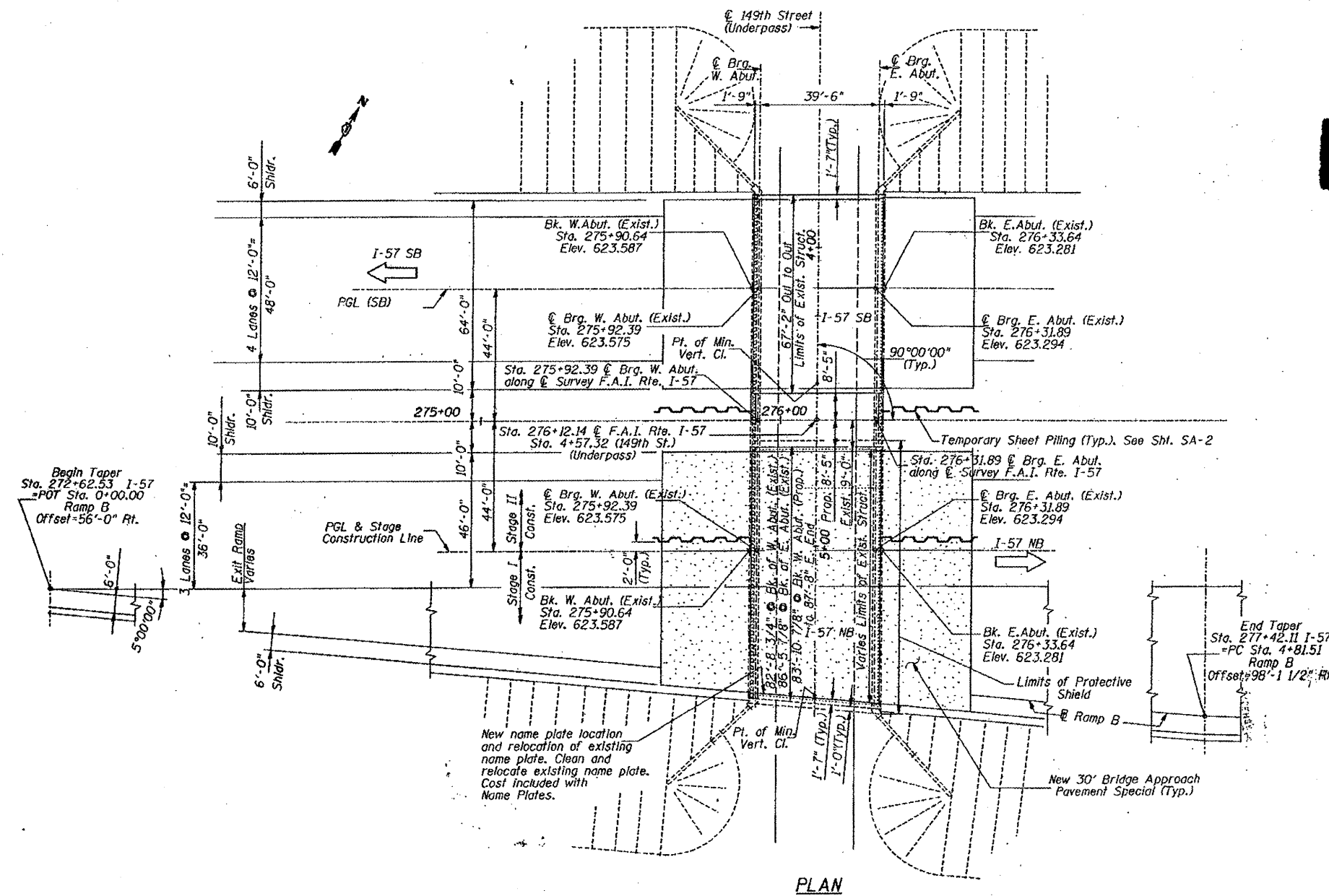
ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING PLANS
LOCATION 20 (SN 016-1012)
I-57 SB over 149th St.
SHEET 2 OF 2

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAI 57	2011-052-1	COOK	44	38

CONTRACT NO. 60P62

FOR INFORMATION ONLY



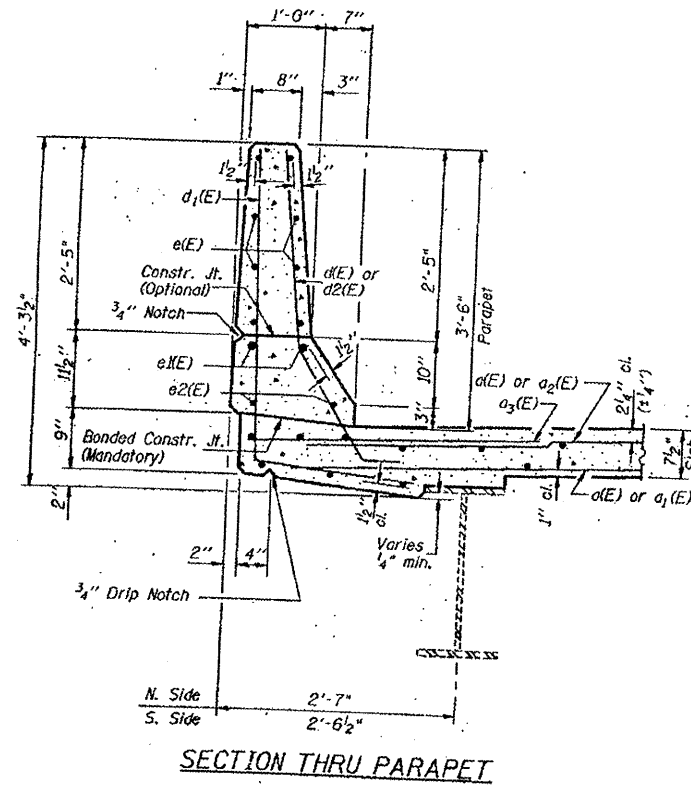
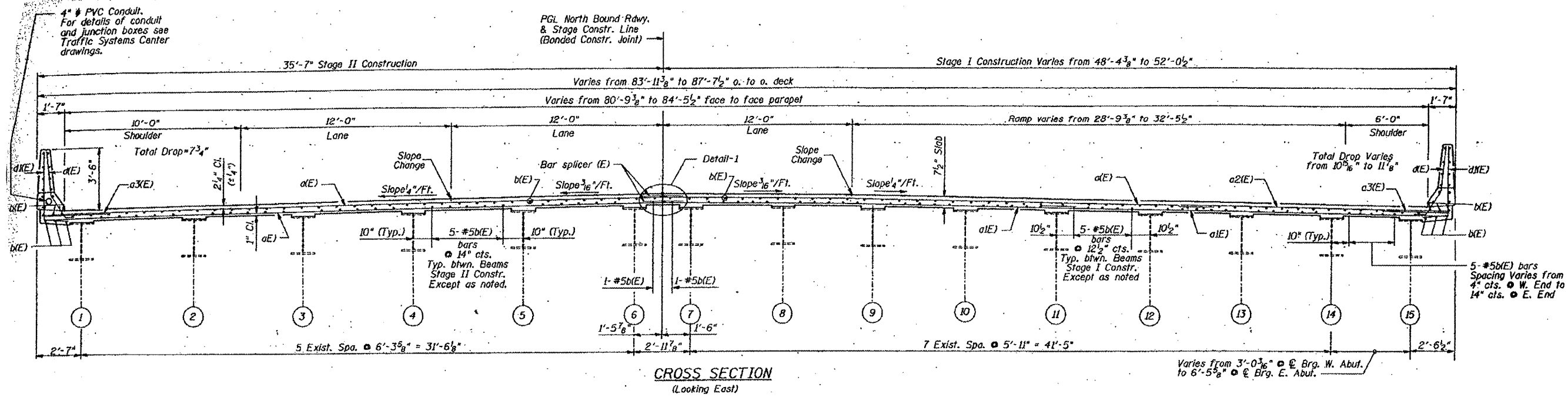
PLAN

ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING PLANS
LOCATION 21 (SN 016-1051)
I-57 NB over 149th St.
SHEET 1 OF 2

ROUTE FAI 57	SECTION 2011-052-I	COUNTY COOK	TOTAL SHEETS 44	SHEET NUMBER 39
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CONTRACT NO. 60P62



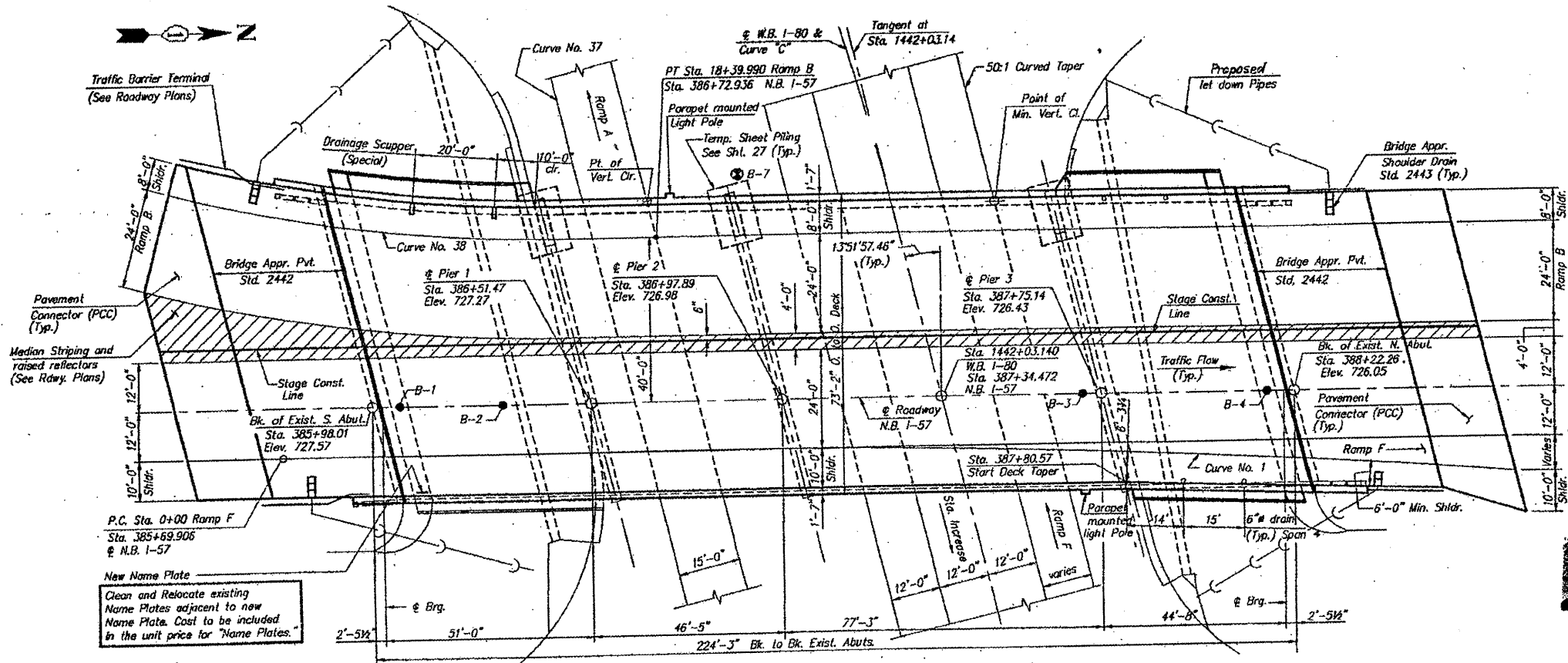
FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING PLANS
LOCATION 21 (SN 016-1051)
I-57 NB over 149th St.
SHEET 2 OF 2

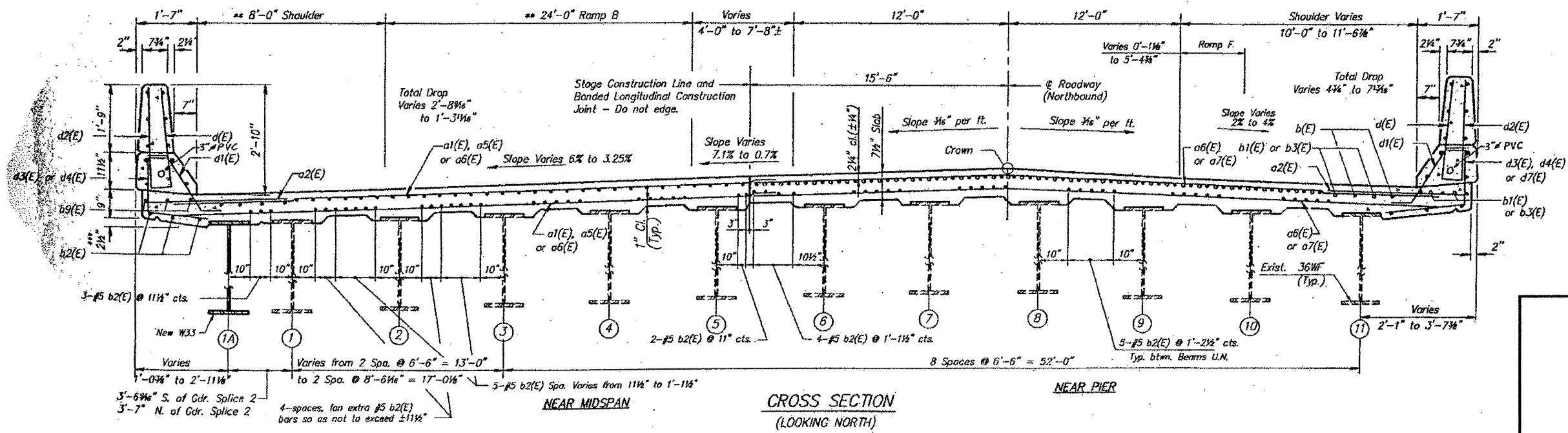
ROUTE FAI 57	SECTION 2011-052-I	COUNTY COOK	TOTAL SHEETS 44	SHEET NUMBER 40
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CONTRACT NO. 60P62



FOR INFORMATION ONLY

PLAN

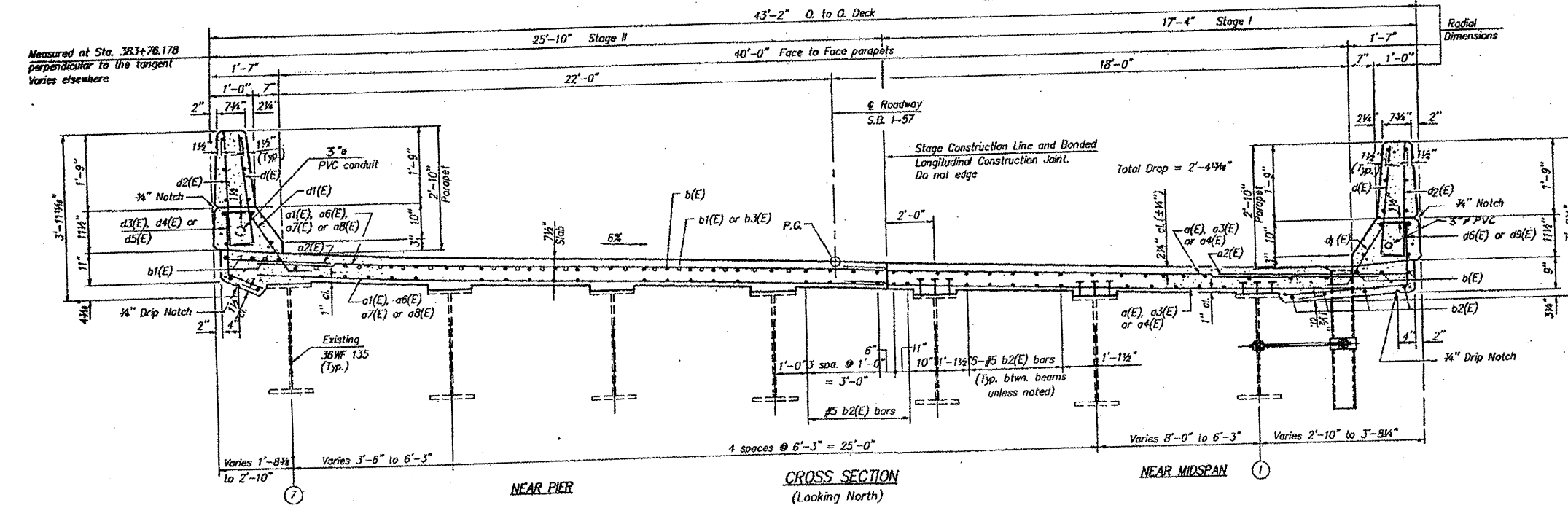
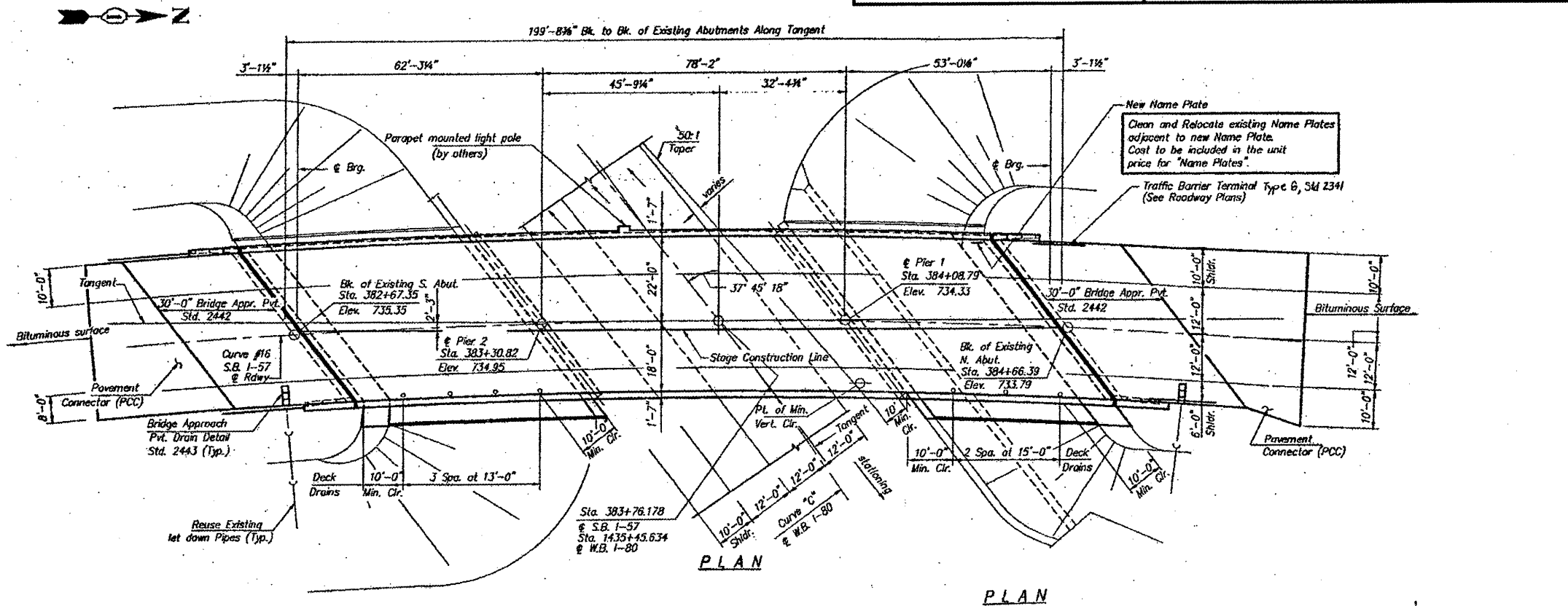


ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING PLANS
LOCATION 22 (SN 016-2026)
I-57 NB over I-80 WB

ROUTE FAI 57	SECTION 2011-052-I	COUNTY COOK	TOTAL SHEETS 44	SHEET NUMBER 41
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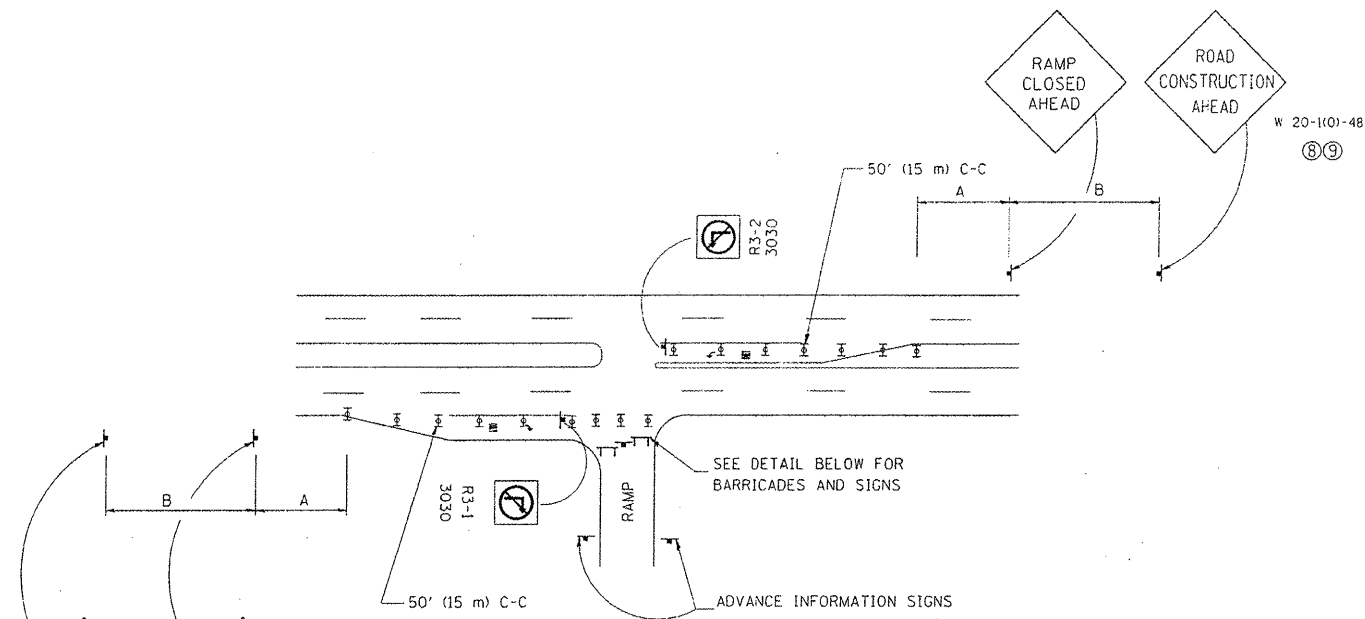
CONTRACT NO. 60P62



FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF
TRANSPORTATION

EXISTING PLANS
LOCATION 23 (SN 016-2027)
I-57 SB over I-80 WB

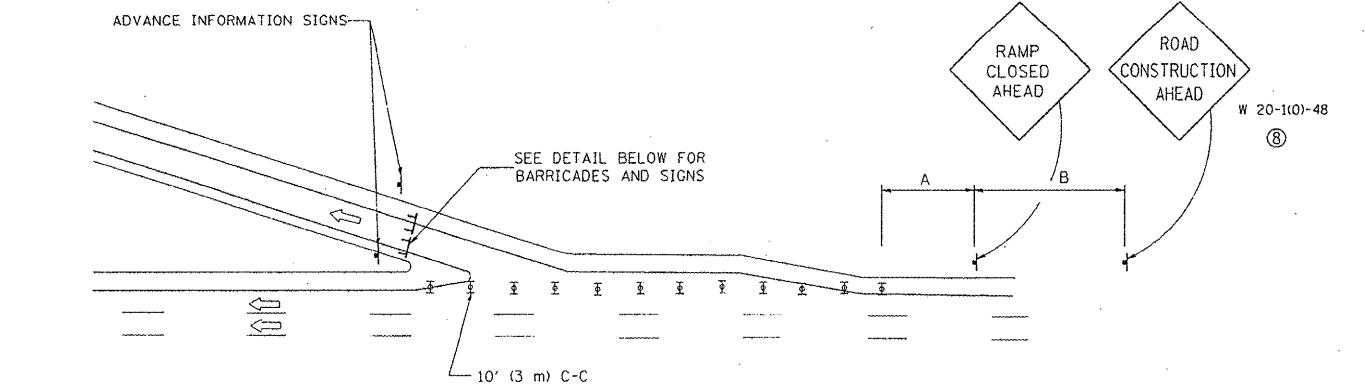


ENTRANCE RAMP CLOSURE

SIGN SPACING TABLE

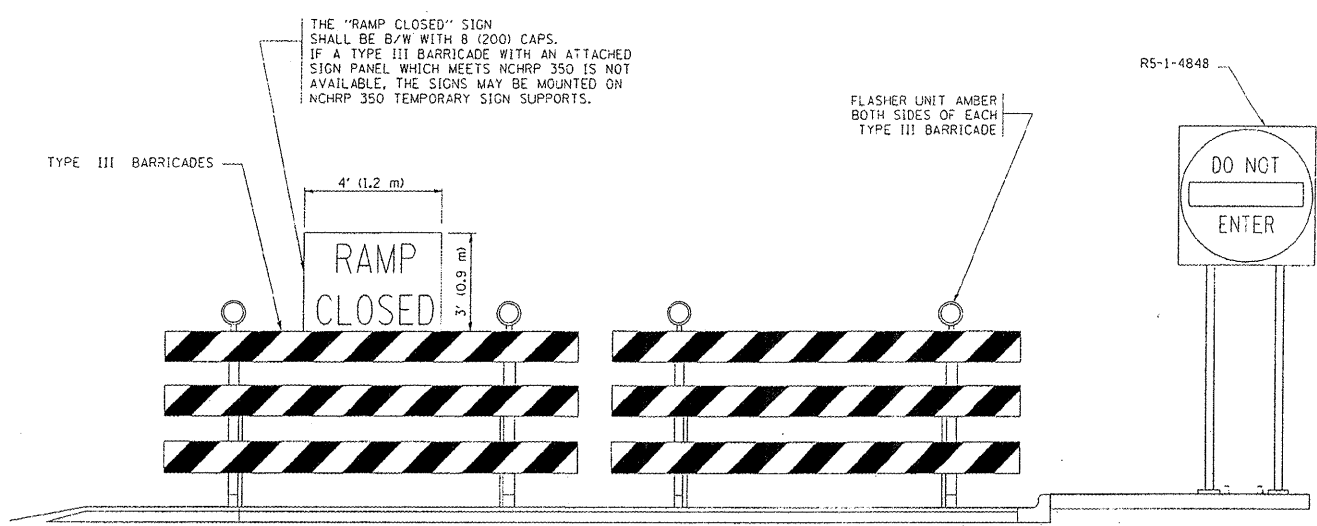
FACILITY	DISTANCE BETWEEN SIGNS	
	A	B
EXPRESSWAY >24 HOURS	1000' (300 m)	1500' (450 m)
EXPRESSWAY <24 HOURS	500' (150 m)	500' (150 m)
ARTERIAL >45 MPH	350' (100 m)	350' (100 m)
ARTERIAL <45 MPH	150' (45 m)	150' (45 m)

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

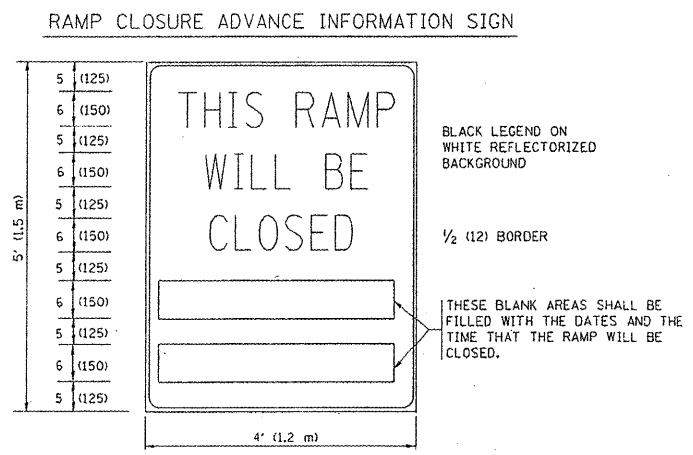
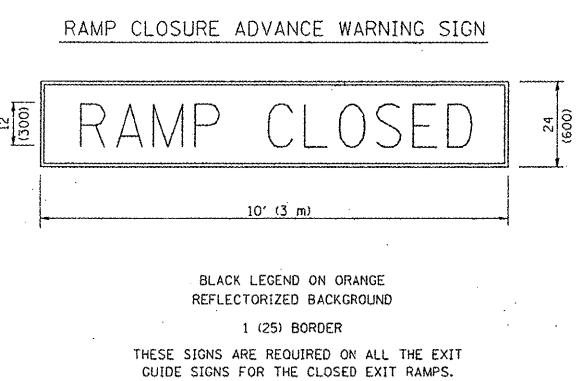


EXIT RAMP CLOSURE

- 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



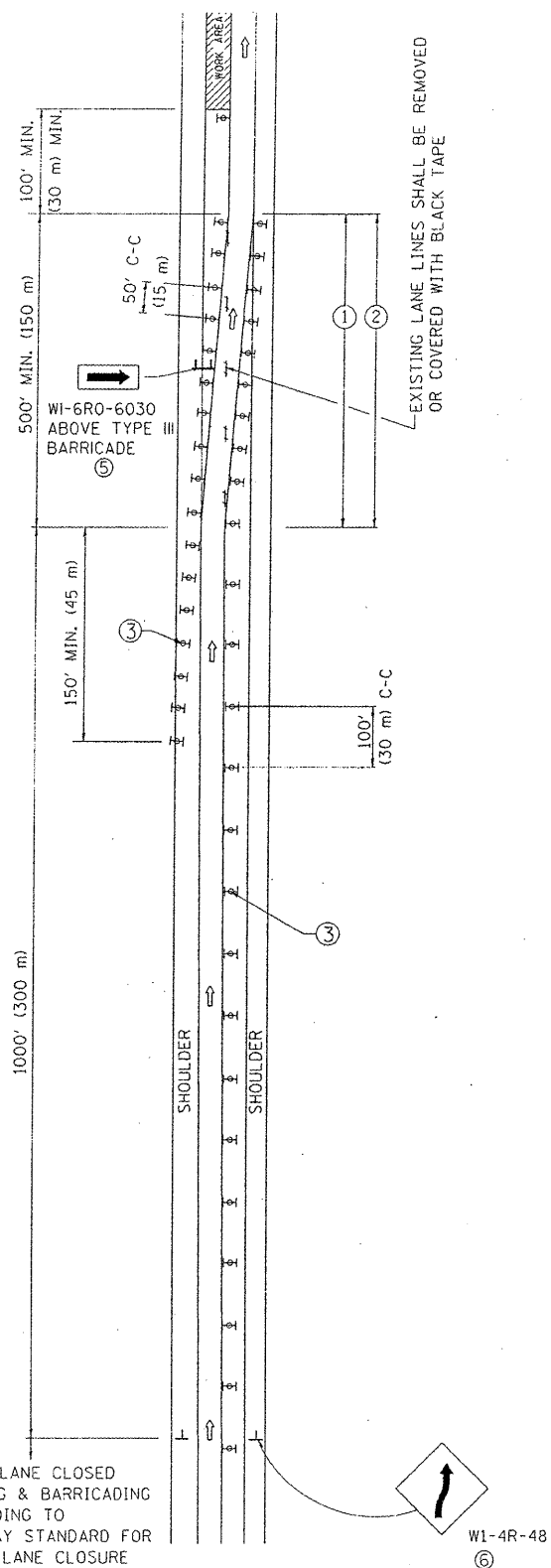
THESE SIGNS ARE REQUIRED ON BOTH SIDES OF THE RAMP, MINIMUM OF 1 WEEK IN ADVANCE OF THE CLOSURE.

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.

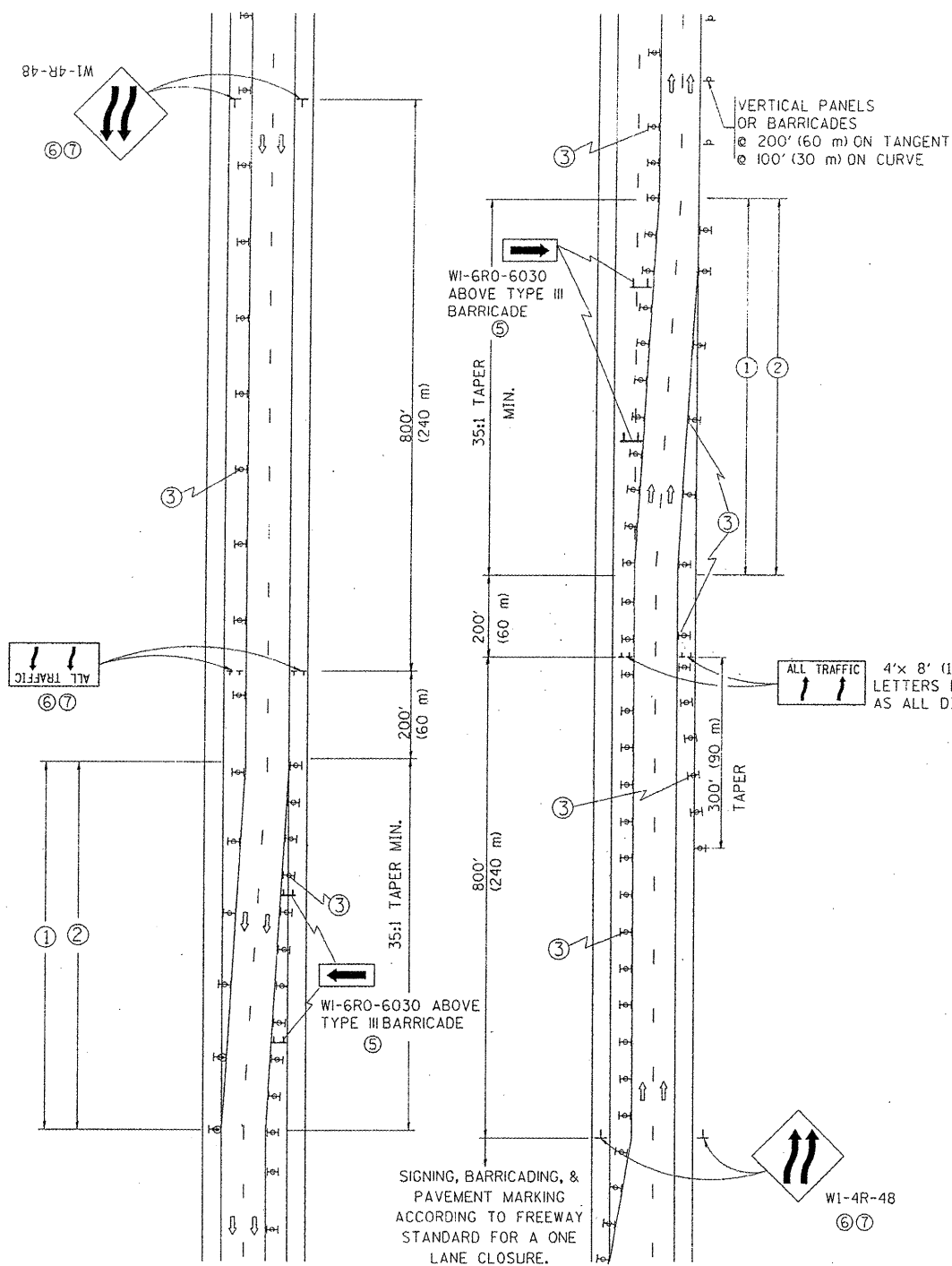
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

SINGLE LANE WEAVE



RIGHT LANE CLOSED
SIGNING & BARRICADING
ACCORDING TO
FREEWAY STANDARD FOR
A ONE LANE CLOSURE

MULTI-LANE WEAVE



GENERAL NOTES

- ① EXISTING CONFLICTING PAVEMENT MARKING LINES SHALL BE REMOVED. PAVEMENT MARKING REMOVAL SHALL NOT BE REQUIRED FOR SINGLE LANE WEAVES UNDER 24 HOURS IN DURATION.
- ② 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.
- ③ PLASTIC DRUMS WITH STEADY BURN LIGHTS AT 50' (15 m) C-C SPACING IN TAPERS AND 100' (30 m) C-C SPACING IN TANGENTS.
- ④ ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- ⑤ 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.
- ⑥ 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.
- ⑦ 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
- W1-4R-48
- W24-1-48

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN

FILE NAME
w:\statesd\22\34\lco09.dgn

USER NAME
leuson

PLOT SCALE
1/8" = 1' / IN.

PLOT DATE
1/26/2012

DESIGNED
DWS

DRAWN

CHECKED

DATE
02-87

REVISED
JAF 01-03

REVISED
JAF 02-06

REVISED
SPB 01-07

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.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2011-052-E	Cook	44	44
TC-09			CONTRACT NO. 60P62	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				