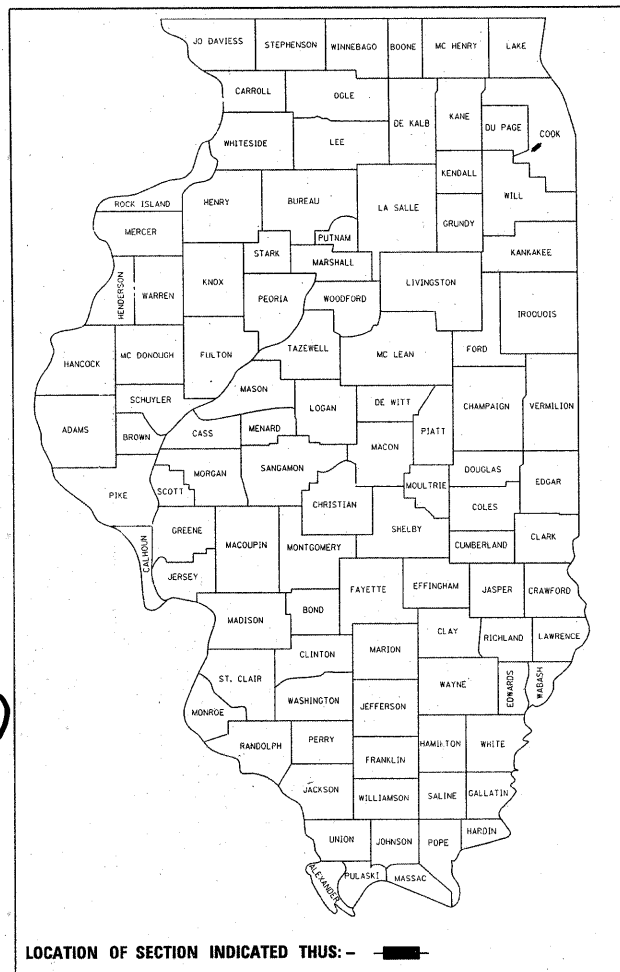


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-079-RS	COOK/DUPAGE	96	1
FED. ROAD DIST. NO. 1	ILLINOIS	CONTRACT NO. 60L67		

* 96 + 4 = 100

D-91-774-10



LOCATION OF SECTION INDICATED THUS: - ■ -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

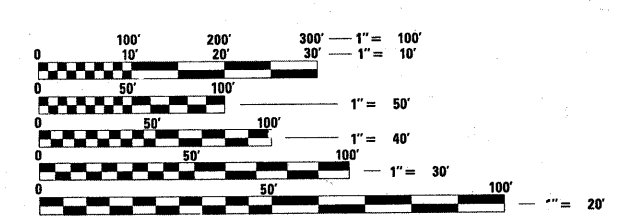
**PROPOSED
HIGHWAY PLANS**

FAI 55: I-55 EXPRESSWAY
FROM EAST OF I-355 TO COUNTY LINE ROAD
SECTION: 2010-079-RS
RESURFACING (SHOULDERS)

PROJECT NO.: CMI-IM-055-6(245)270
COUNTY: COOK & DUPAGE
C-91-774-10

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT IS LOCATED IN THE CITY OF DARIEN AND
IN THE VILLAGES OF WOODRIDGE, AND BURR RIDGE



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123 (OR 811)

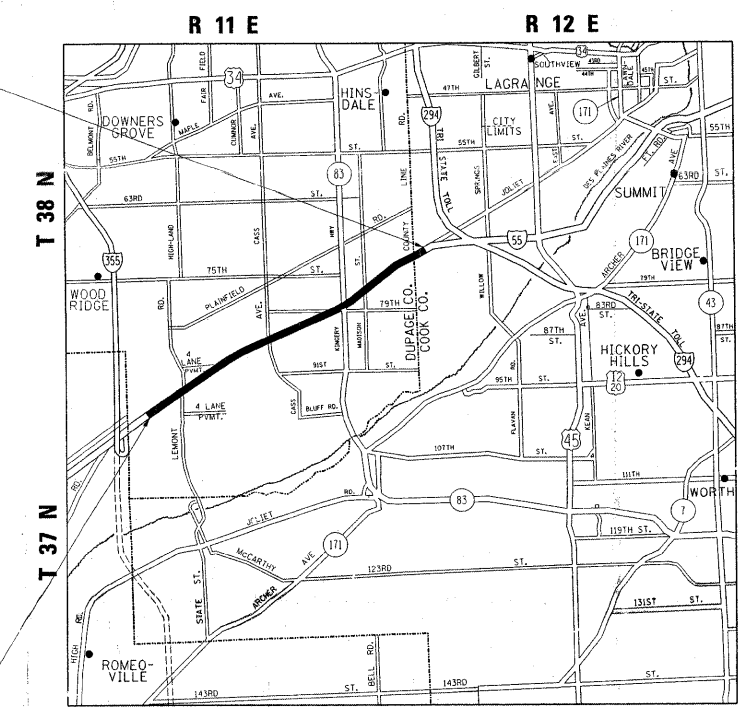
PROJECT ENGINEER: JENPAI P. CHANG (847) 705 - 3332
PROJECT MANAGER: KEN ENG
CONTRACT NO. 60L67

PROJECT ENDS
STATION 441 + 47.50

BRIDGE OMISSION @ LEMONT ROAD
STA. 134+87 TO STA. 138+02

BRIDGE OMISSION @ MADISON STREET
STA. 362+97 TO STA. 365+29

PROJECT BEGINS
STATION 65 + 96



DOWNERS GROVE TOWNSHIP
GROSS LENGTH OF PROJECT = 37,551.50 FEET = 7.11 MILES
NET LENGTH OF PROJECT = 37,004.50 FEET = 7.01 MILES



TRAFFIC DATA:
2008 ADT = 164,900
SPEED LIMIT = 55 MPH

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SUBMITTED DECEMBER 15, 2010
Diane M. O'Keefe DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
February 4 2011
Scott E. Stitt, P.E. ENGINEER OF DESIGN AND ENVIRONMENT
February 4 2011
Christine M. Reed DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

LIST OF STATE STANDARDS:

GENERAL NOTES:

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
4-7	EXISTING AND PROPOSED TYPICAL SECTIONS
8-29	INSIDE SHOULDER AND PAVEMENT MARKING PLANS
30	SUGGESTED TRAFFIC CONTROL AND PROTECTION PLAN
31-64	TRAFFIC SYSTEM CENTER PLANS
65-90	PROPOSED SIGNING PLANS
90A-90C	SINKHOLE REPAIR DETAILS
90D	BARRIER WALL REPAIR DETAIL
91	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)
92	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-8)
93-94	MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS (TC-12)
95	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES. (TC-17)
96	SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS (TC-18)

STANDARD NO.	DESCRIPTION
000001-00	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
442201-03	CLASS C AND D PATCHES
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
637001-04	CONCRETE BARRIER, DOUBLE FACE, 815 mm (32 in.) HEIGHT
642001-01	SHOULDER RUMBLE STRIPS
701400-05	APPROACH TO LANE CLOSURE, FREEWAY / EXPRESSWAY
701426-04	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEED > 45 MPH
701901-01	TRAFFIC CONTROL DEVICES
704001-00	TEMPORARY CONCRETE BARRIER

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

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF DARIEN, AND THE VILLAGES OF WOODRIDGE, AND BURR RIDGE

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

BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.

ANY DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

THE CONTRACTOR SHALL CONTACT THE EXPRESSWAY TRAFFIC CONTROL SUPERVISOR, STEVE BRINK, AT (847) 705-4155 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

THE ENGINEER SHALL CONTACT REGINA COOPER EXPRESSWAY FIELD ENGINEER, AT (847) 705-4153, A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTION IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

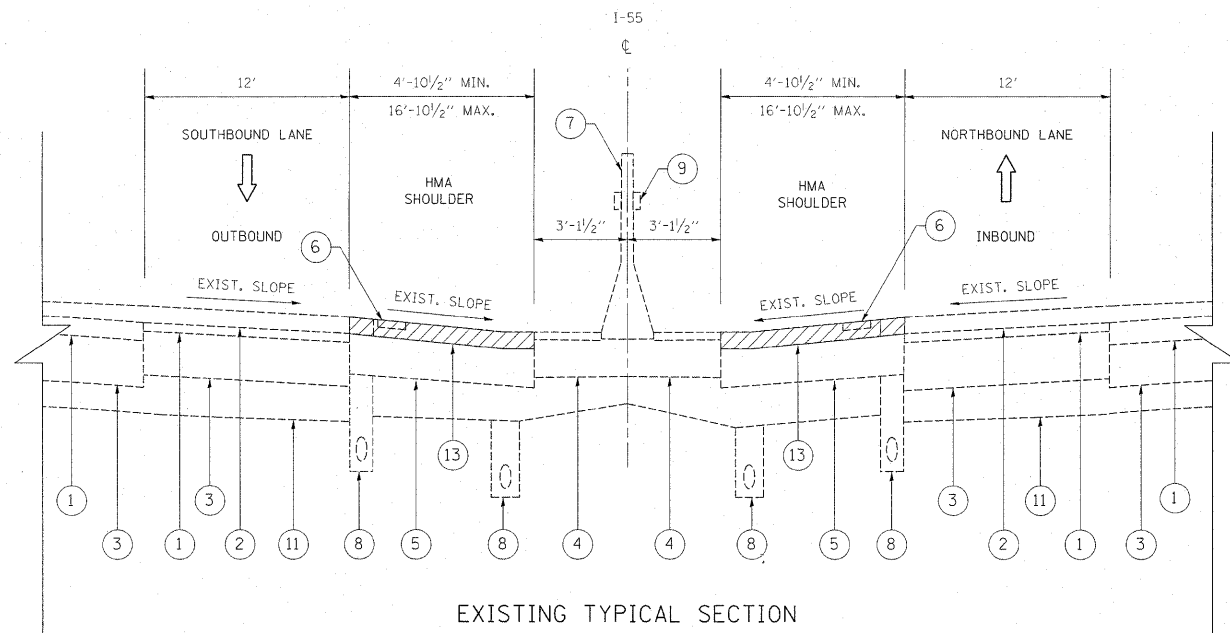
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at:\pwork\pworkdot\galbanjr\0212968\0177410-shit-plan.dgn	PLOT SCALE = 50.7684 / IN.	DRAWN -	REVISED -			55	2010-079-RS	COOK/DUPAGE	90	2	
PLOT DATE = 1/13/2011	DATE -	CHECKED -	REVISED -			CONTRACT NO. 60L67					
						SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		

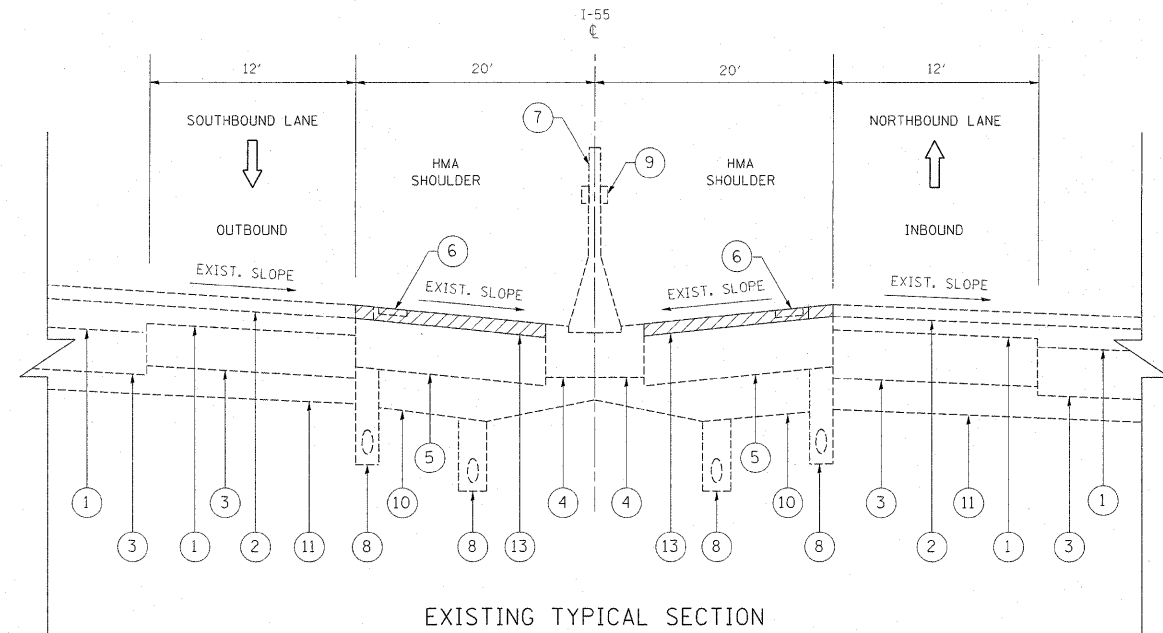
SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE					SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE									
CODE NO	ITEM	UNIT	URBAN 90% FED. 10% STATE	IM DUPAGE COUNTY	IM COOK COUNTY	CMI SIGNAGE DUPAGE CO.				CODE NO	ITEM	UNIT	URBAN 90% FED. 10% STATE	IM DUPAGE COUNTY	IM COOK COUNTY	CMI SIGNAGE DUPAGE CO.				
			TOTAL QUANTITIES	0005	0005	0021							TOTAL QUANTITIES	0005	0005	0021				
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	10		10					* 81000600	CONDUIT IN TRENCH, 2" DIA. GALVANIZED STEEL	FOOT	140	140						
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	113	109	4					* 81900200	TRENCH BACKFILL FOR ELECTRICAL WORK	FOOT	140	140						
40600300	AGGREGATE (PRIME COAT)	TON	535	518	17					* 89502300	REMOVE ELECTRICAL CABLE FROM THE CONDUIT	FOOT	1580	1580						
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	207	200	7					* 89502380	REMOVE EXISTING HANDHOLE	EACH	14	14						
40600895	CONSTRUCTING TEST STRIP	EACH	1	0.75	0.25					* X0322727	POLYETHYLENE DUCT 1 1/4"	FOOT	140	140						
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	15425	14935	490					X0326819	CONCRETE BARRIER REMOVAL AND REPLACEMENT DOUBLE FACE	FOOT	262	262						
42001300	PROTECTIVE COAT	SQ YD	130	130						X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAY)	L SUM	1	0.75	0.25					
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	133705	129460	4245					Δ Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	45	35	10					
44201815	CLASS D PATCHES, TYPE II, 14 INCH	SQ YD	1604	1554	50					Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	4	4						
44201819	CLASS D PATCHES, TYPE III, 14 INCH	SQ YD	2408	2331	77					Z0030350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	4	4						
44201821	CLASS D PATCHES, TYPE IV, 14 INCH	SQ YD	4012	3885	127					* Z0033092	ELECTRIC CABLE IN CONDUIT NO. 18 4/C TWISTED, SHIELDED	FOOT	4000	4000						
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	20		20					* X8130112	JUNCTION BOX TYPE J	EACH	14	14						
60250200	CATCH BASINS TO BE ADJUSTED	EACH	68	48	20					20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	42.7	42.7						
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	32	24	8					44004250	PAVED SHOULDER REMOVAL	SQ YD	50	50						
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	203	185	18					31101100	SUB BASE GRANULAR MATERIAL, TYPE B	CU YD	42.7	42.7						
63700900	CONCRETE BARRIER BASE	FOOT	212	212						X0320157	CLEANING UNDERDRAIN OUTLETS	EACH	1	1						
64200105	SHOULDER RUMBLE STRIPS	FOOT	43019	41429	1590					Z0012755	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SQ FT	20	20						
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	7	5	2					Z0001905	STRUCTURAL STEEL REPAIR	POUND	640	640						
67100100	MOBILIZATION	L SUM	1	0.75	0.25					X0321962	CONNECTION OF EXISTING PIPE UNDERDRAIN	EACH	1	1						
70300520	PAVEMENT MARKING TAPE, TYPE III, 4"	FOOT	73745	71020	2725															
70300560	PAVEMENT MARKING TAPE TYPE III, 12"	FOOT	3405	3310	95															
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	27988	26984	1004															
70400100	TEMPORARY CONCRETE BARRIER	FOOT	150	150																
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	150	150																
*78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	73745	71020	2725															
*78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	3405	3310	95															
*72000200	SIGN PANEL, TYPE 2	SQ FT	280			280														
*72000300	SIGN PANEL, TYPE 3	SQ FT	171			171														
*72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	120			120														
*73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	12			12														
*73304000	OVERHEAD SIGN STRUCTURE- BRIDGE MOUNTED	FOOT	13			13														
*78200520	BARRIER WALL MARKERS, TYPE B	EACH	8	8																
*81900200	TRENCH BACKFILL FOR ELECTRICAL WORK	FOOT	140	140																

* SPECIALTY ITEMS
Δ = Non-participating

Rev.



EXISTING TYPICAL SECTION
 STA. 65+96 TO STA. 184+79
 STA. 203+59 TO STA. 220+75



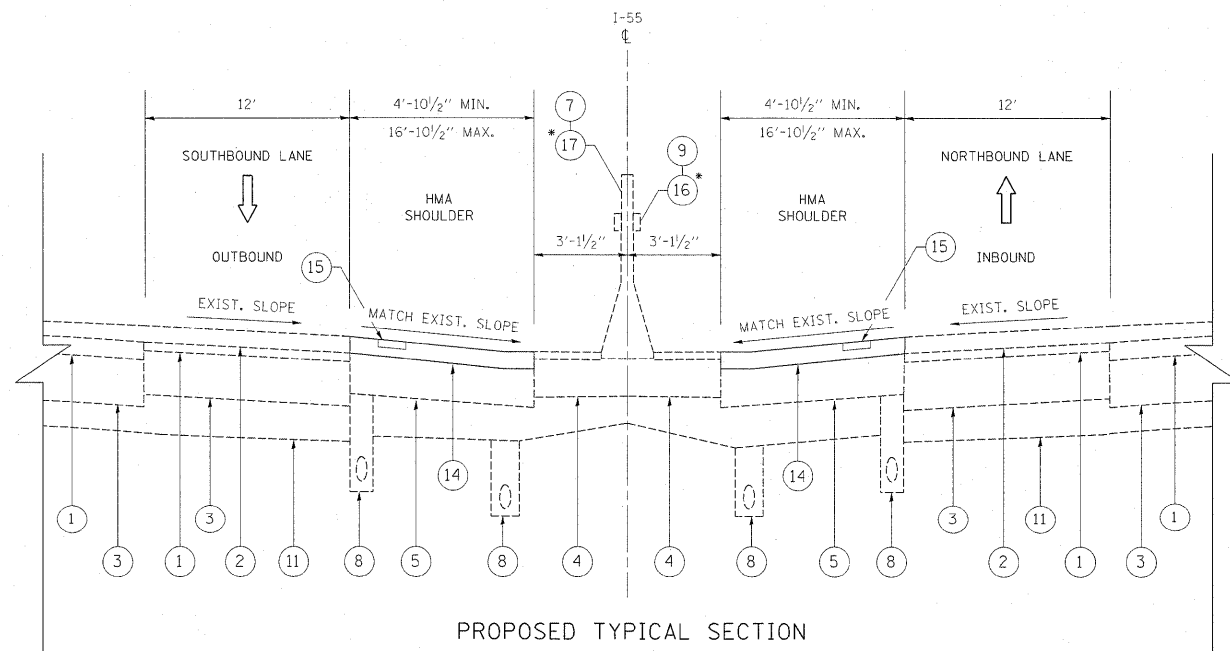
EXISTING TYPICAL SECTION
 STA. 184+79 TO STA. 203+59

LEGEND

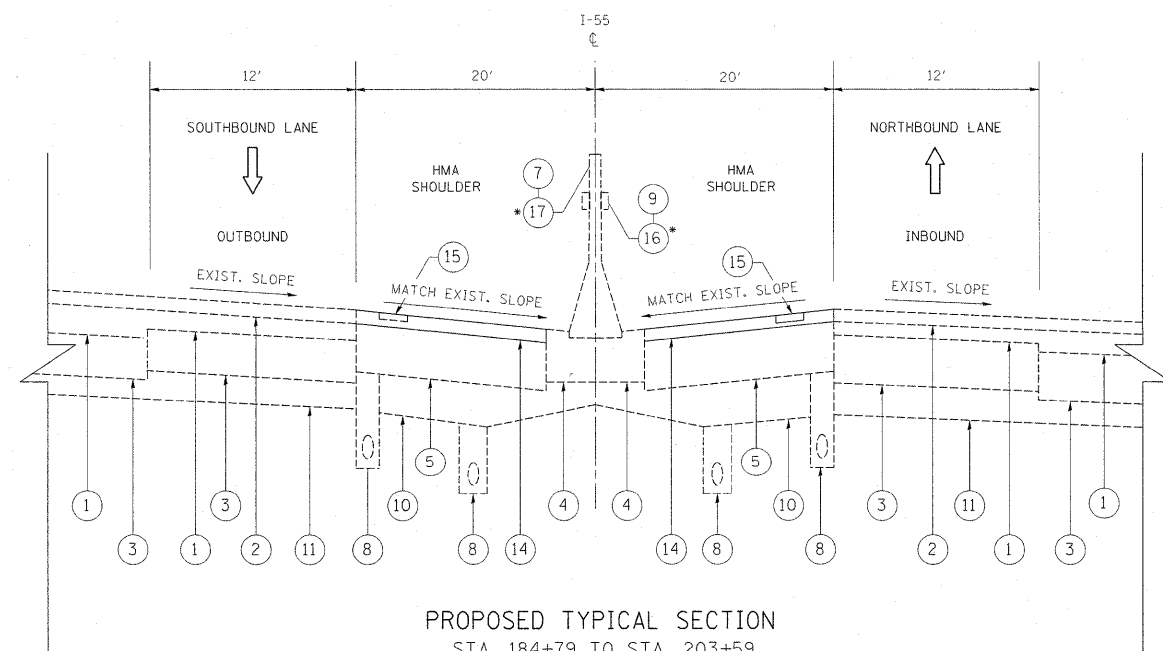
- ① EXISTING HMA SURFACING
- ② EXISTING POLY HMA SURFACE COURSE, SMA, CLASS I, 2"
- ③ EXISTING PCC PAVEMENT, 10"
- ④ EXISTING CONC. MEDIAN BASE COURSE, 10"
- ⑤ EXISTING HMA SHOULDER
- ⑥ EXISTING RUMBLE STRIP
- ⑦ EXISTING CONC BARRIER WALL DOUBLE FACE (2'-3" WIDE)
- ⑧ EXISTING PIPE UNDERDRAIN
- ⑨ EXISTING BARRIER WALL REFLECTORS TYPE B
- ⑩ EXISTING GRANULAR SUB-BASE
- ⑪ EXISTING SUB-BASE
- ⑫ EXISTING AGGREGATE SHOULDER, TYPE B

- ⑬ PROPOSED HMA SURFACE REMOVAL, 2"
- ⑭ PROPOSED HMA SURFACE COURSE MIX "D", N70, 2"
- ⑮ PROPOSED SHOULDER RUMBLE STRIPS
- ⑯ PROPOSED BARRIER WALL REFLECTORS, TYPE B
- ⑰ PROPOSED CONC BARRIER REMOVAL AND REPLACEMENT
- ⑱ PROPOSED GRADING AND SHAPING SHOULDERS
- ⑲ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B

* LOCATIONS TO BE DETERMINED BY THE FIELD ENGINEER
 "THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING".



PROPOSED TYPICAL SECTION
 STA. 65+96 TO STA. 184+79
 STA. 203+59 TO STA. 220+75



PROPOSED TYPICAL SECTION
 STA. 184+79 TO STA. 203+59

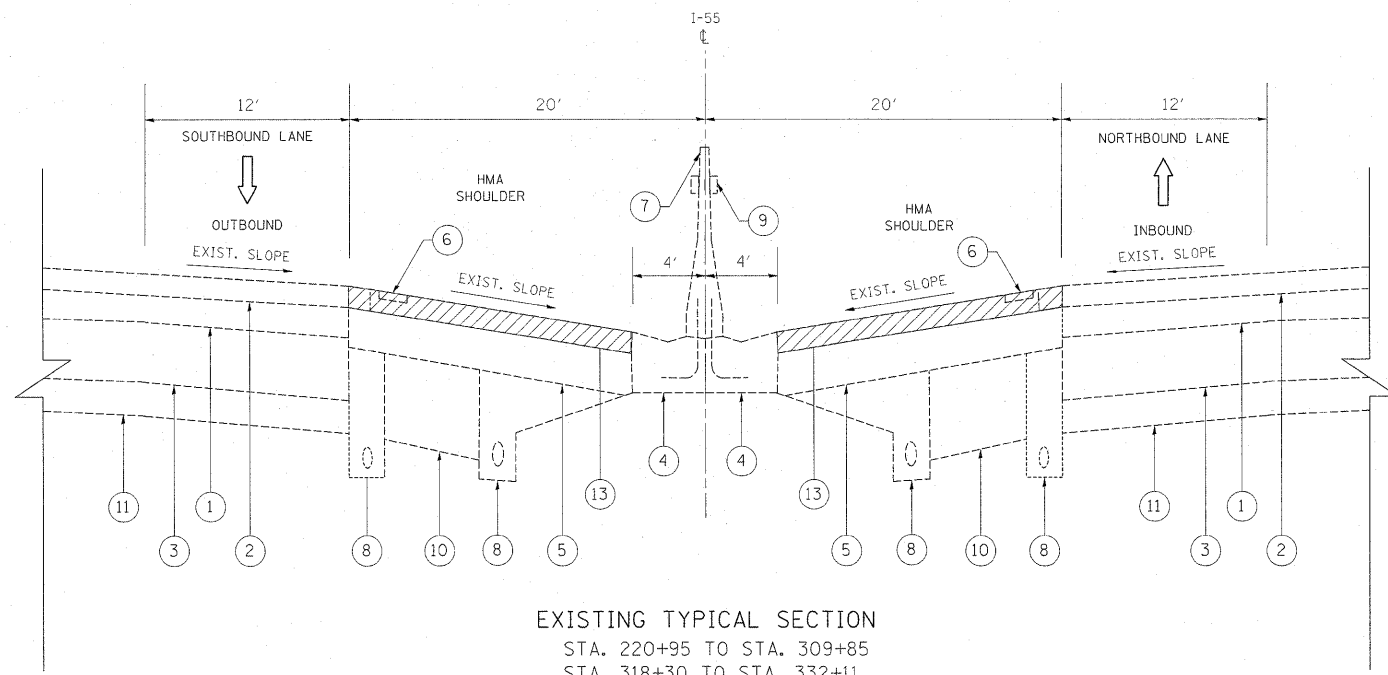
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

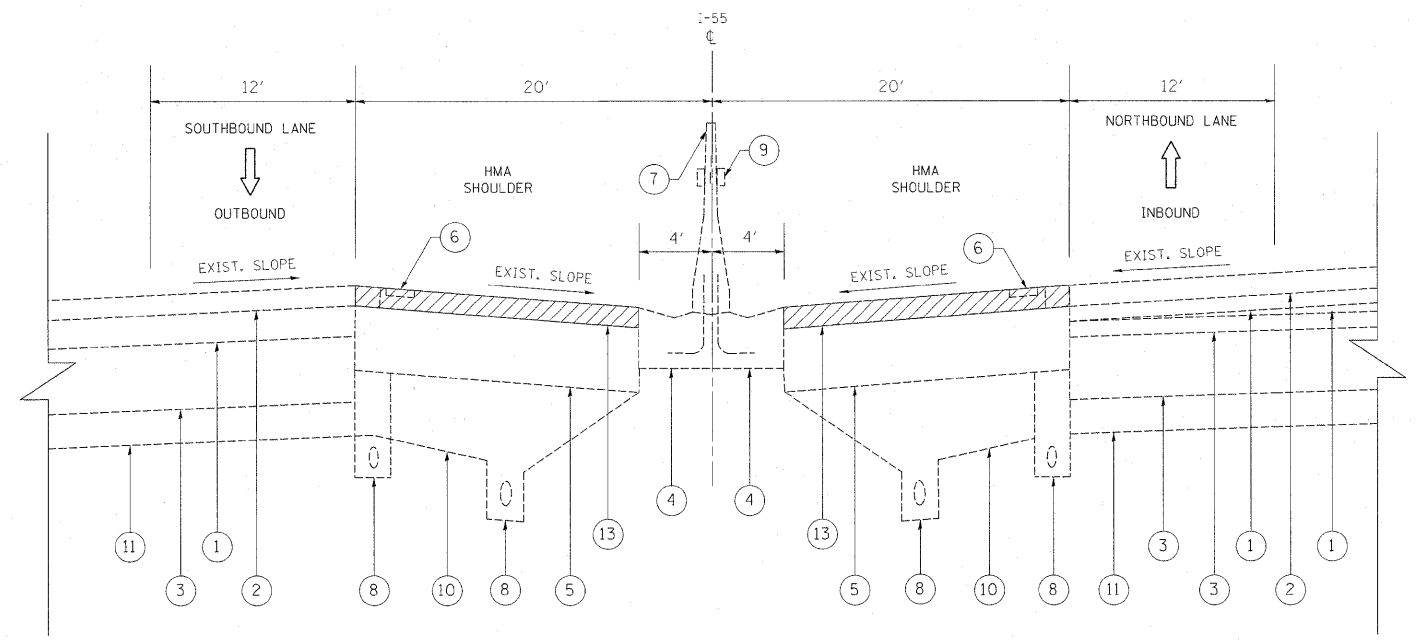
**I-55 EXPRESSWAY
 EXISTING AND PROPOSED TYPICAL SECTIONS**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-079-RS	COOK/DUPAGE	96	4
CONTRACT NO. 60L67				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. OF SHEETS STA. TO STA.



EXISTING TYPICAL SECTION
 STA. 220+95 TO STA. 309+85
 STA. 318+30 TO STA. 332+11
 STA. 351+29 TO STA. 358+55
 STA. 389+98 TO STA. 432+72

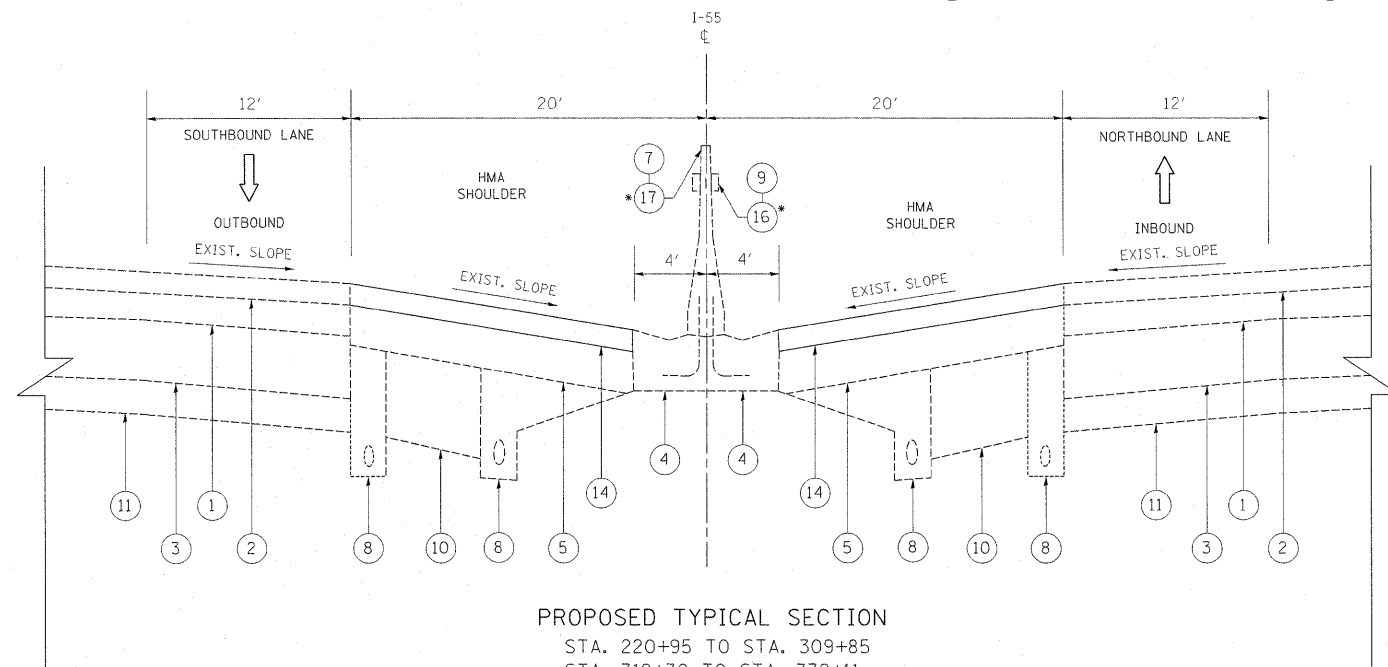


EXISTING TYPICAL SECTION
 STA. 309+85 TO STA. 318+30
 STA. 332+11 TO STA. 351+29

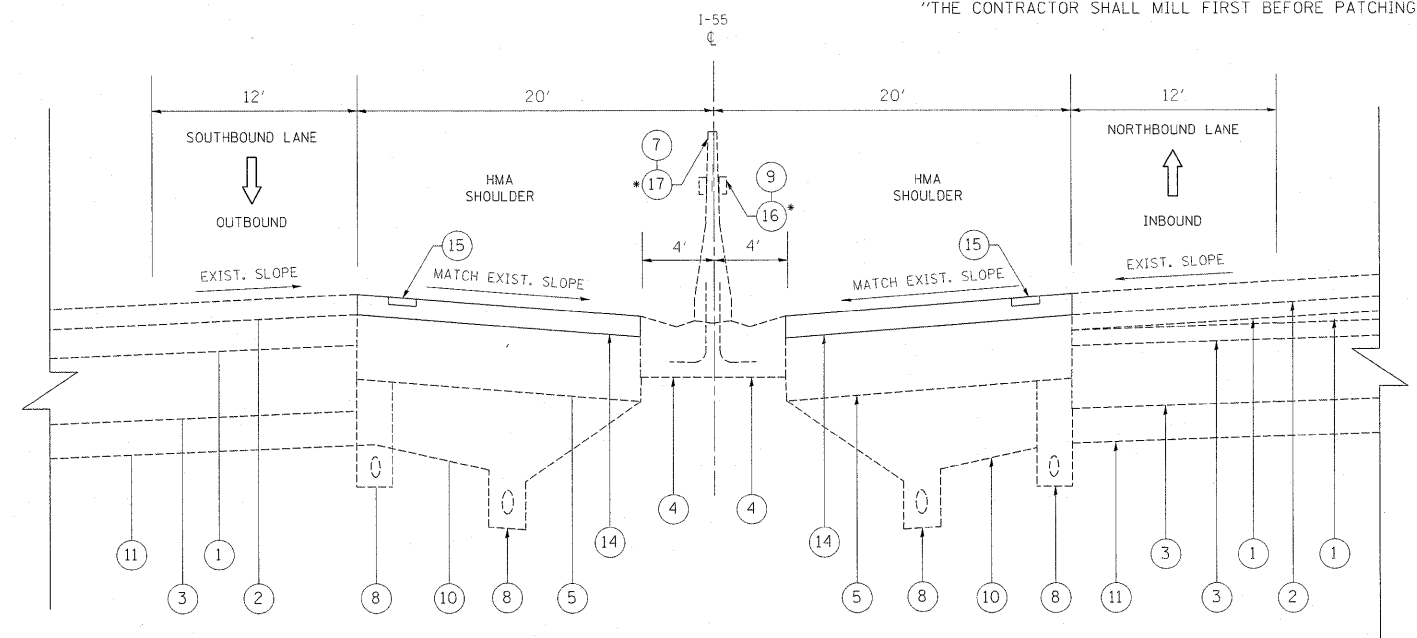
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- ① EXISTING HMA SURFACING
- ② EXISTING POLY HMA SURFACE COURSE, SMA, CLASS 1, 2"
- ③ EXISTING PCC PAVEMENT, 10"
- ④ EXISTING CONC. MEDIAN BASE COURSE, 10"
- ⑤ EXISTING HMA SHOULDER
- ⑥ EXISTING RUMBLE STRIP
- ⑦ EXISTING CONC BARRIER WALL DOUBLE FACE (2'-3" WIDE)
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- ⑨ EXISTING BARRIER WALL REFLECTORS TYPE B
- ⑩ EXISTING GRANULAR SUB-BASE
- ⑪ EXISTING SUB-BASE
- ⑫ EXISTING AGGREGATE SHOULDER, TYPE B

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 - ⑮ PROPOSED SHOULDER RUMBLE STRIPS
 - * ⑯ PROPOSED BARRIER WALL REFLECTORS, TYPE B
 - * ⑰ PROPOSED CONC BARRIER REMOVAL AND REPLACEMENT
 - ⑱ PROPOSED GRADING AND SHAPING SHOULDERS
 - ⑲ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- * LOCATIONS TO BE DETERMINED BY THE FIELD ENGINEER
 "THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING".



PROPOSED TYPICAL SECTION
 STA. 220+95 TO STA. 309+85
 STA. 318+30 TO STA. 332+11
 STA. 351+29 TO STA. 358+55
 STA. 389+98 TO STA. 432+72



PROPOSED TYPICAL SECTION
 STA. 309+85 TO STA. 318+30
 STA. 332+11 TO STA. 351+29

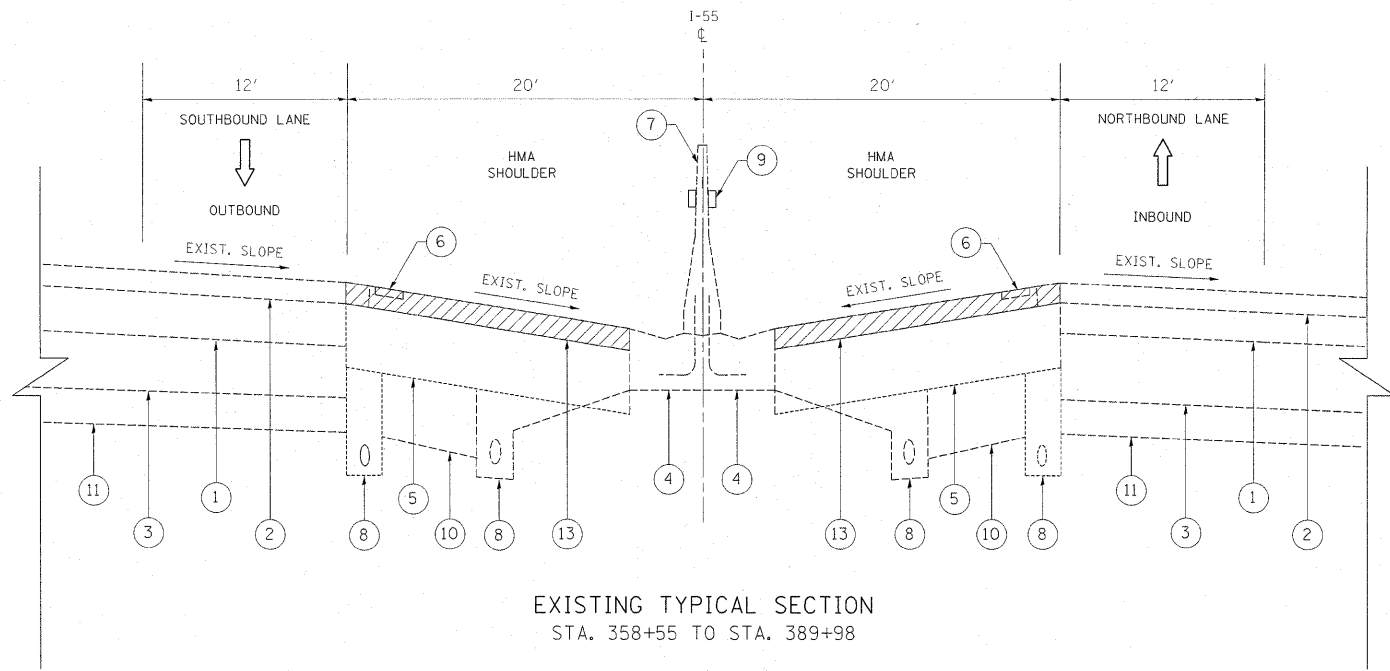
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

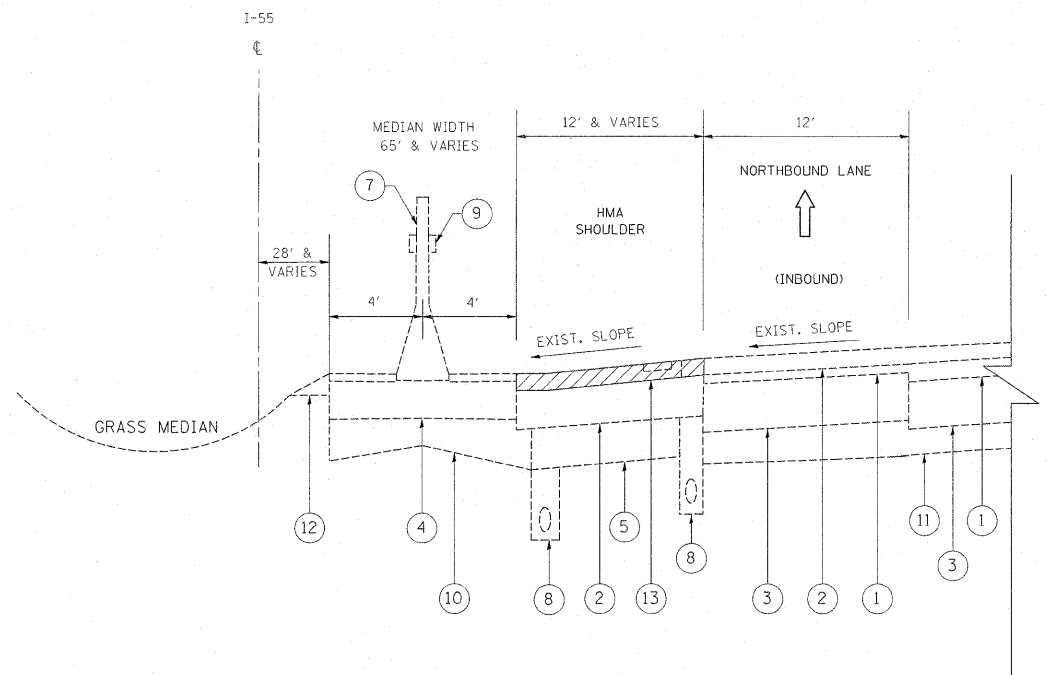
**I-55 EXPRESSWAY
 EXISTING AND PROPOSED TYPICAL SECTION**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-079-RS	COOK/DUPAGE	96	5
CONTRACT NO. 60L67				
ILLINOIS FED. AID PROJECT				



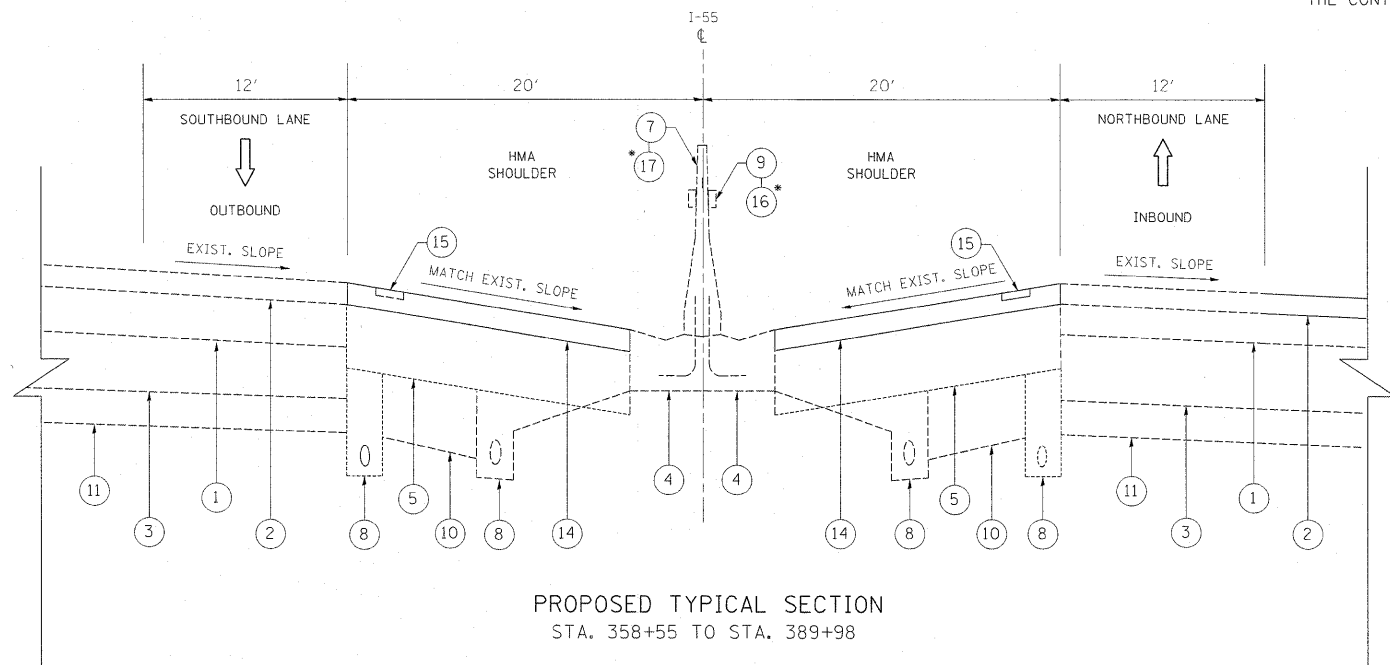
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STA. 358+55 TO STA. 389+98



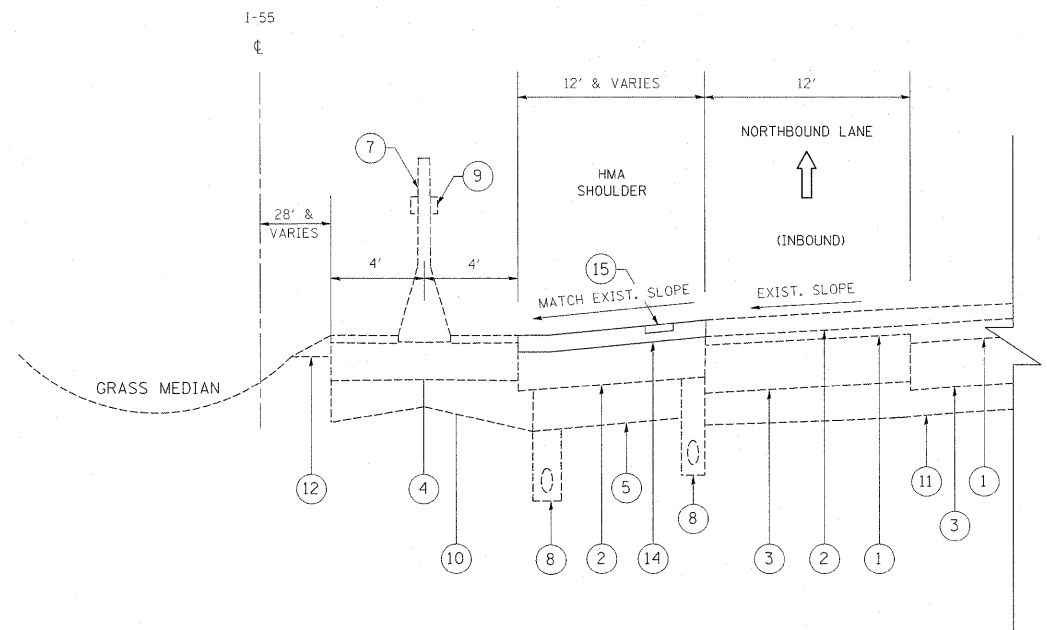
EXISTING TYPICAL SECTION
STA. 432+72 TO STA. 437+80

LEGEND

- | | | |
|--|---|---|
| ① EXISTING HMA SURFACING | ⑦ EXISTING CONC BARRIER WALL DOUBLE FACE (2'-3" WIDE) | ⑬ PROPOSED HMA SURFACE REMOVAL, 2" |
| ② EXISTING POLY HMA SURFACE COURSE, SMA, CLASS 1, 2" | ⑧ EXISTING PIPE UNDERDRAIN | ⑭ PROPOSED HMA SURFACE COURSE MIX "D", N70, 2" |
| ③ EXISTING PCC PAVEMENT, 10" | ⑨ EXISTING BARRIER WALL REFLECTORS TYPE B | ⑮ PROPOSED SHOULDER RUMBLE STRIPS |
| ④ EXISTING CONC. MEDIAN BASE COURSE, 10" | ⑩ EXISTING GRANULAR SUB-BASE | * ⑯ PROPOSED BARRIER WALL REFLECTORS, TYPE B |
| ⑤ EXISTING HMA SHOULDER | ⑪ EXISTING SUB-BASE | * ⑰ PROPOSED CONC BARRIER REMOVAL AND REPLACEMENT |
| ⑥ EXISTING RUMBLE STRIP | ⑫ EXISTING AGGREGATE SHOULDER, TYPE B | ⑱ PROPOSED GRADING AND SHAPING SHOULDERS |
| | | ⑲ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B |
- * LOCATIONS TO BE DETERMINED BY THE FIELD ENGINEER
"THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING".

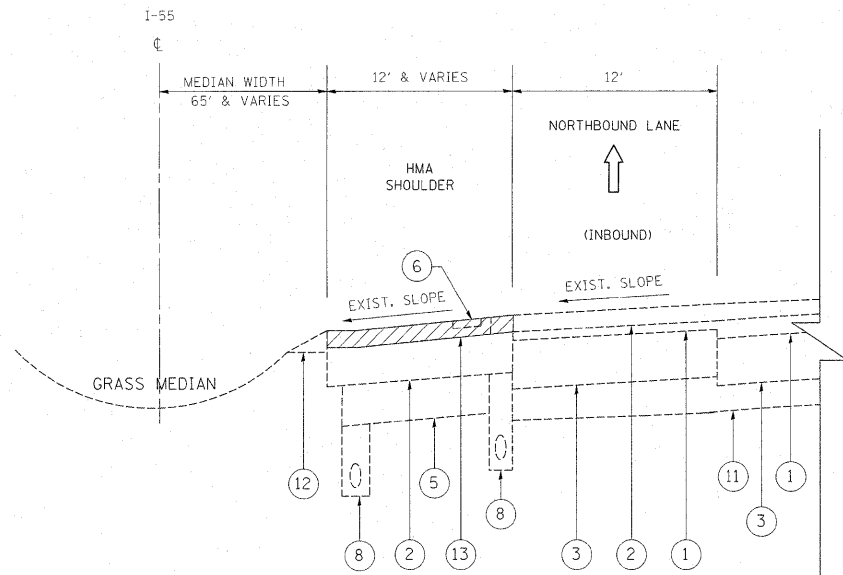


PROPOSED TYPICAL SECTION
STA. 358+55 TO STA. 389+98

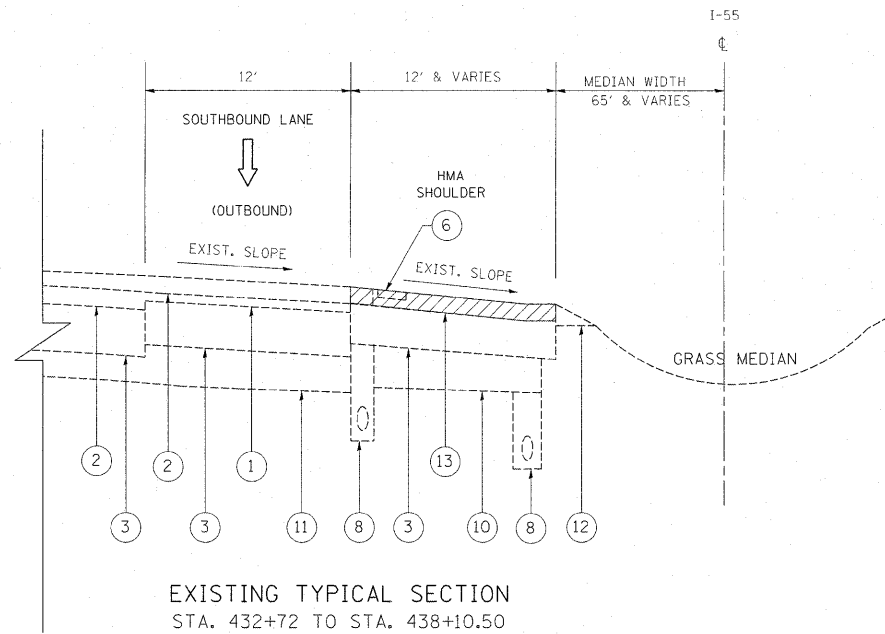


PROPOSED TYPICAL SECTION
STA. 432+72 TO STA. 437+80

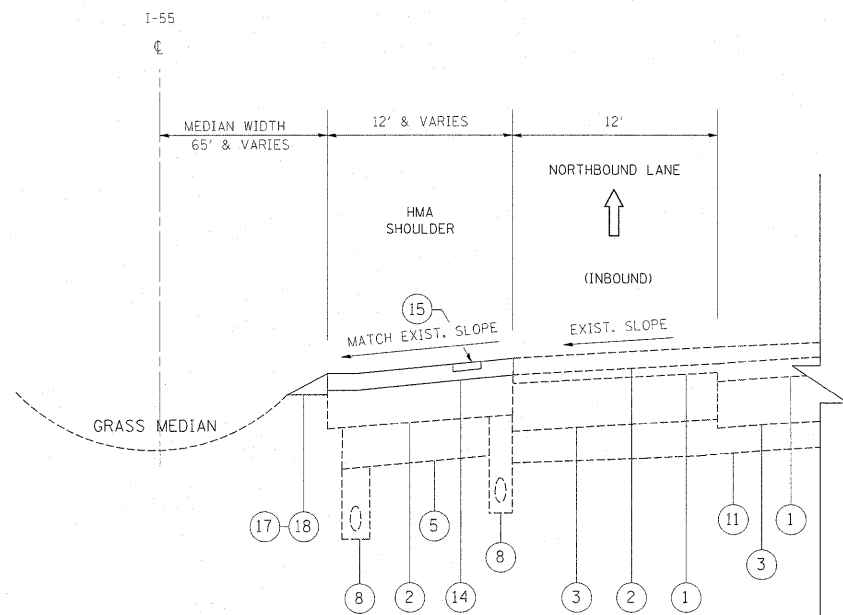
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PLOT DATE = 1/3/2011		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
SCALE:						SHEET NO.	OF	SHEETS	STA.	TO STA.	



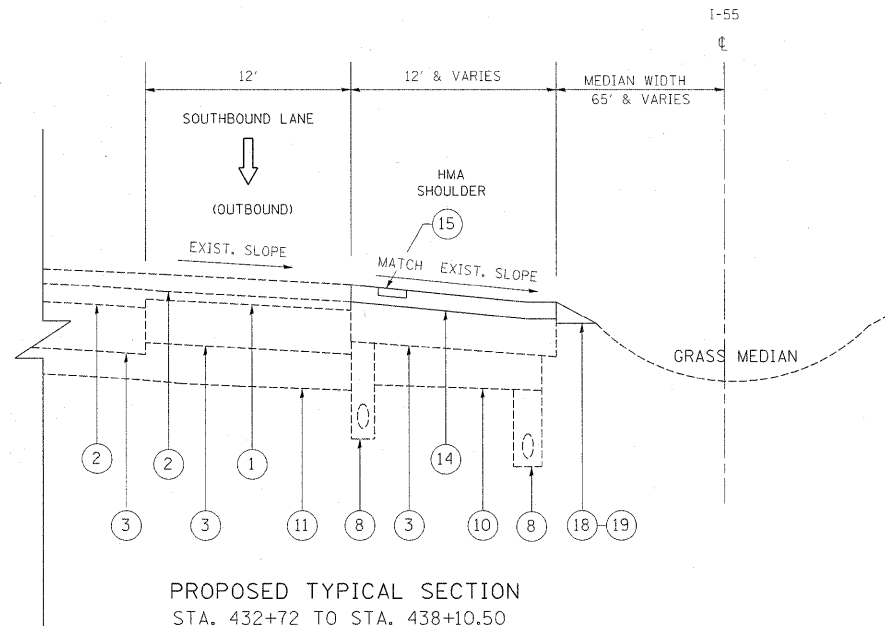
EXISTING TYPICAL SECTION
STA. 437+80 TO STA. 441+47.50



EXISTING TYPICAL SECTION
STA. 432+72 TO STA. 438+10.50



PROPOSED TYPICAL SECTION
STA. 437+80 TO STA. 441+47.50



PROPOSED TYPICAL SECTION
STA. 432+72 TO STA. 438+10.50

LEGEND

- ① EXISTING HMA SURFACING
 - ② EXISTING POLY HMA SURFACE COURSE, SMA, CLASS 1, 2"
 - ③ EXISTING PCC PAVEMENT, 10"
 - ④ EXISTING CONC. MEDIAN BASE COURSE, 10"
 - ⑤ EXISTING HMA SHOULDER
 - ⑥ EXISTING RUMBLE STRIP
 - ⑦ EXISTING CONC BARRIER WALL DOUBLE FACE (2'-3" WIDE)
 - ⑧ EXISTING PIPE UNDERDRAIN
 - ⑨ EXISTING BARRIER WALL REFLECTORS TYPE B
 - ⑩ EXISTING GRANULAR SUB-BASE
 - ⑪ EXISTING SUB-BASE
 - ⑫ EXISTING AGGREGATE SHOULDER, TYPE B
 - ⑬ PROPOSED HMA SURFACE REMOVAL, 2"
 - ⑭ PROPOSED HMA SURFACE COURSE MIX "D", N70, 2"
 - ⑮ PROPOSED SHOULDER RUMBLE STRIPS
 - * ⑯ PROPOSED BARRIER WALL REFLECTORS, TYPE B
 - * ⑰ PROPOSED CONC BARRIER REMOVAL AND REPLACEMENT
 - ⑱ PROPOSED GRADING AND SHAPING SHOULDERS
 - ⑲ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- * LOCATIONS TO BE DETERMINED BY THE FIELD ENGINEER
"THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING".

HOT-MIX ASPHALT MIXTURE REQUIREMENTS
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT

MIXTURE USE	THICKNESS	AIR VOIDS (%) @ NDES
SHOULDER RESURFACING		
HMA SURFACE COURSE MIX "D", N70 (IL 9.5 mm)	2"	4% @ 70 Gyr.
PATCHING		
CLASS D PATCH (HMA BINDER IL-19 mm)	10"	4% @ 70 Gyr.

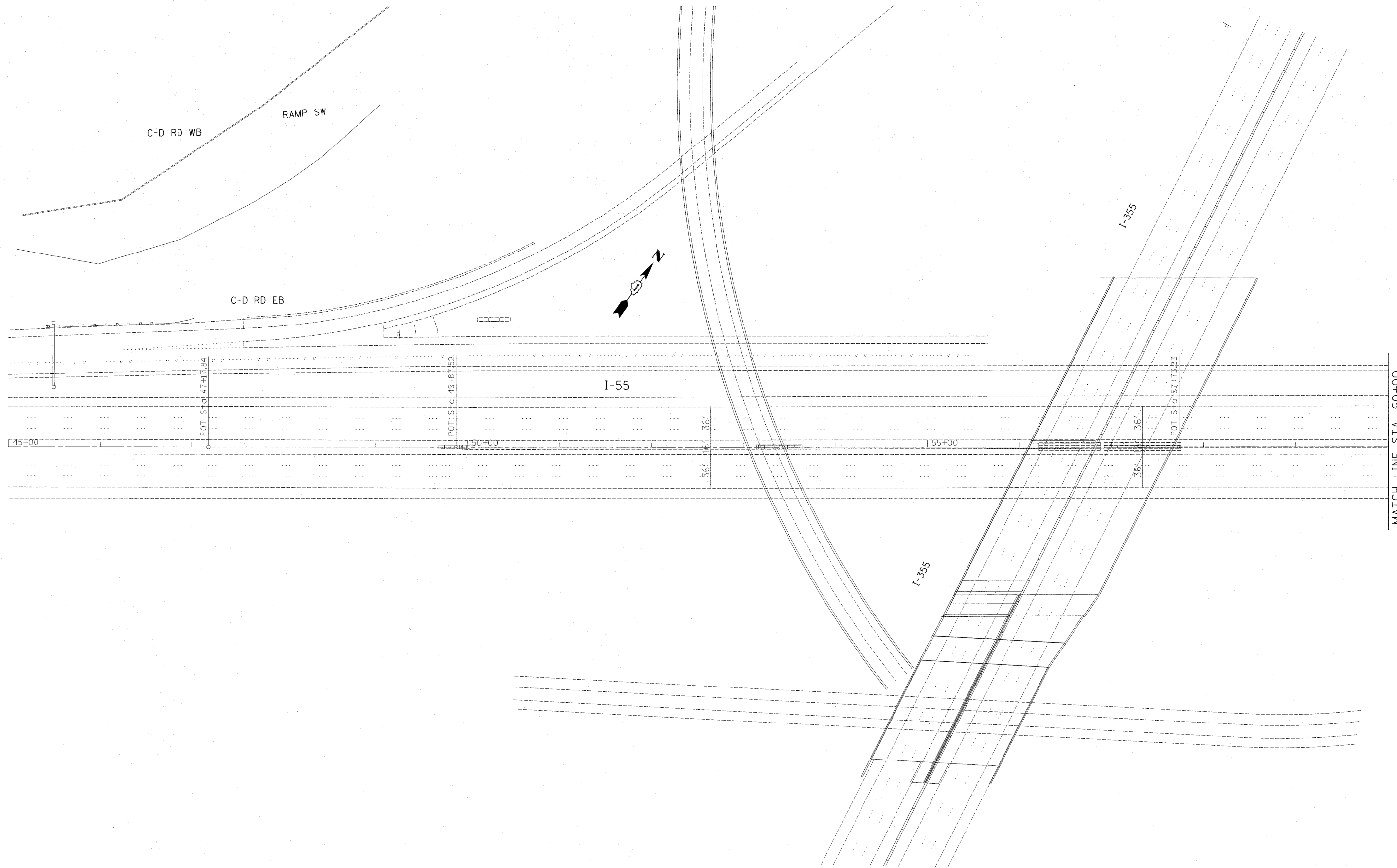
NOTE:

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 POUNDS PER SQUARE YARD-INCH

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR "PERCENT RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

FILE NAME =	USER NAME = galbenjr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-55 EXPRESSWAY EXISTING AND PROPOSED TYPICAL SECTION	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = 1/3/2011	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



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	PLOT DATE = 1/3/2011	DATE -	REVISED -

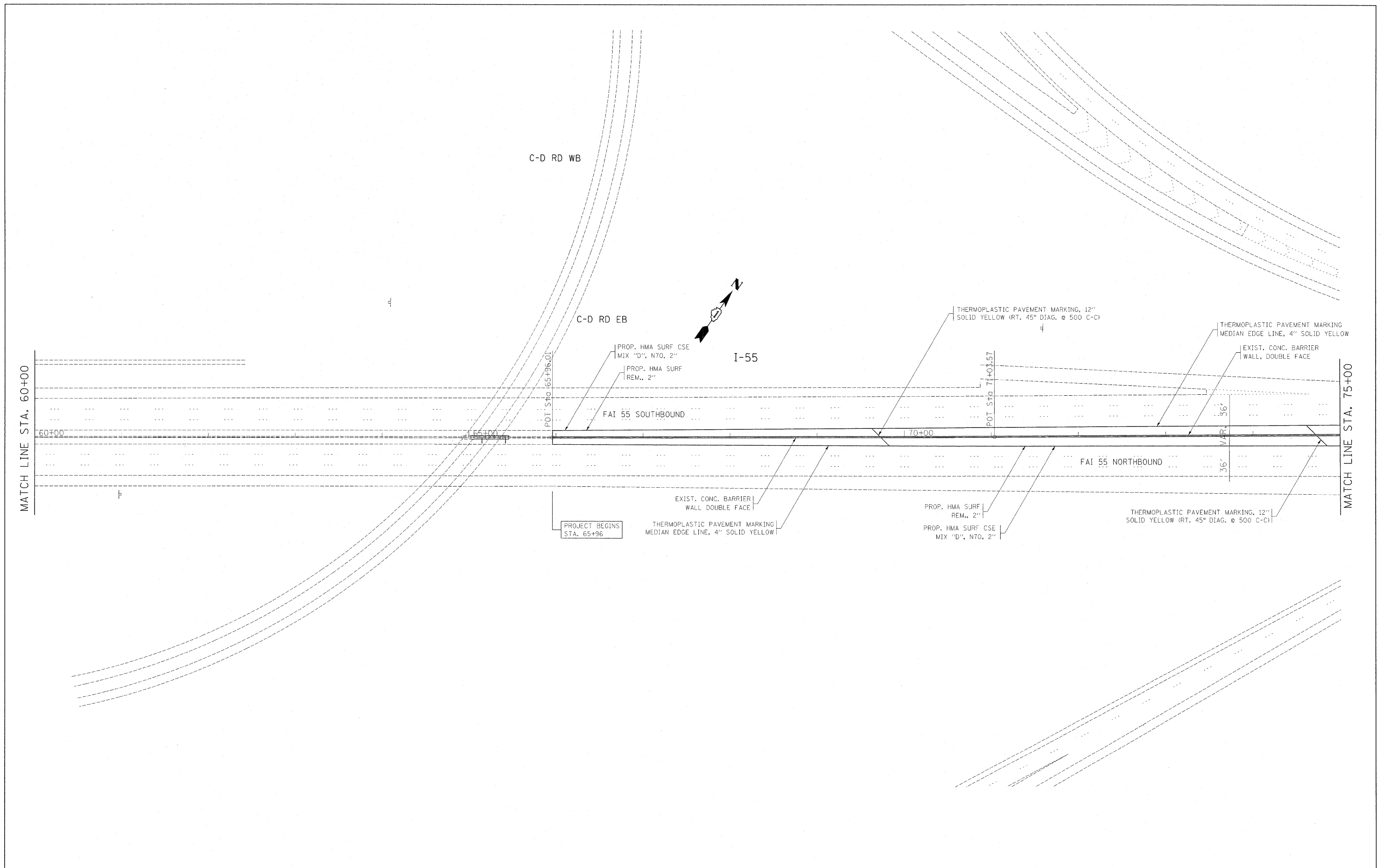
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAI 55
EXISTING AND PROPOSED INSIDE SHOULDER PLAN**

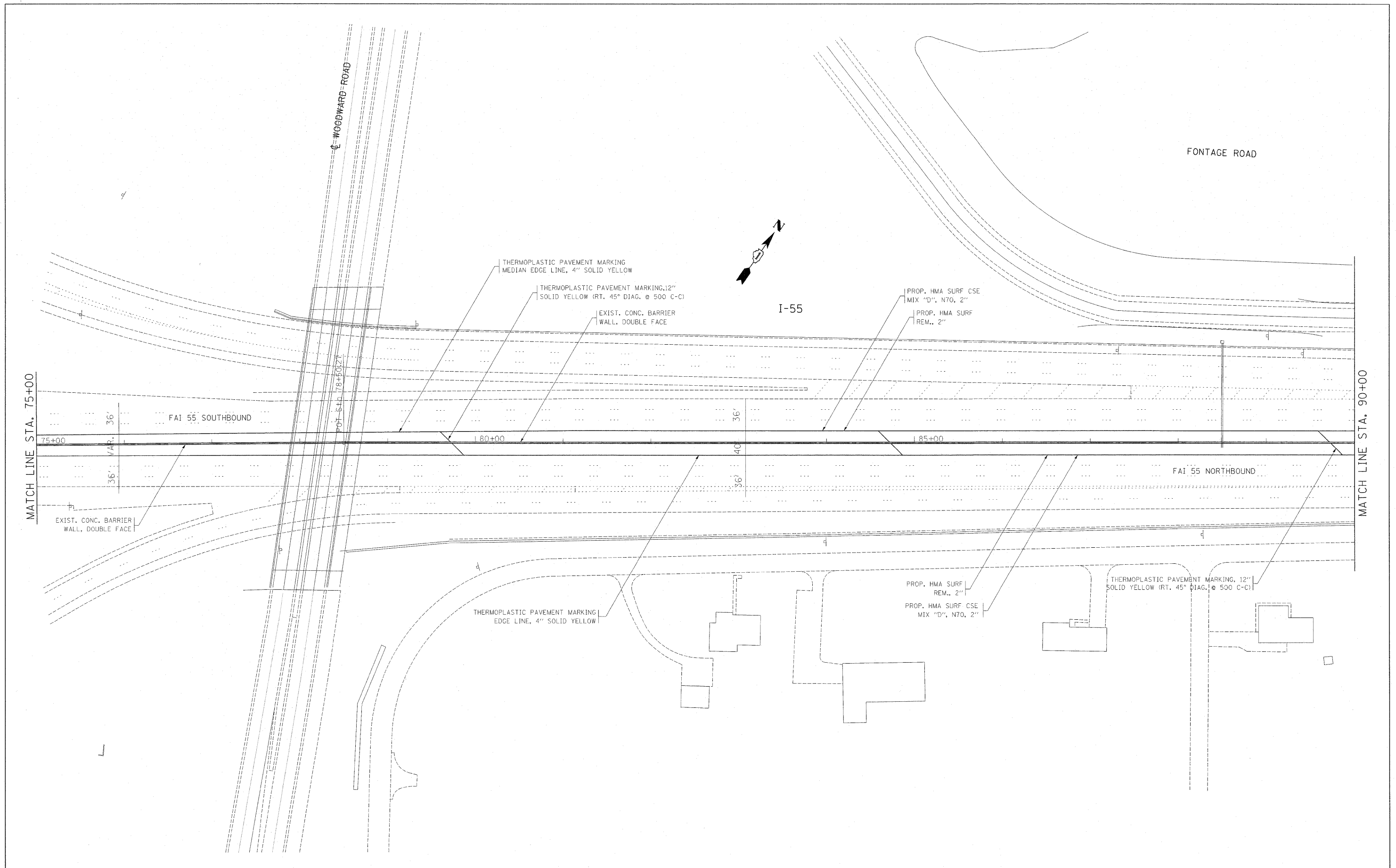
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F.A.I. RTE. 55	SECTION 2010-079-R5	COUNTY DU PAGE	TOTAL SHEETS 96	SHEET NO. 8
ILLINOIS FED. AID PROJECT				
CONTRACT NO. 60L67				

MATCH LINE STA. 60+00



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PLOT DATE = 1/3/2011	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									



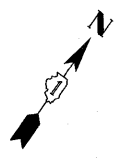
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

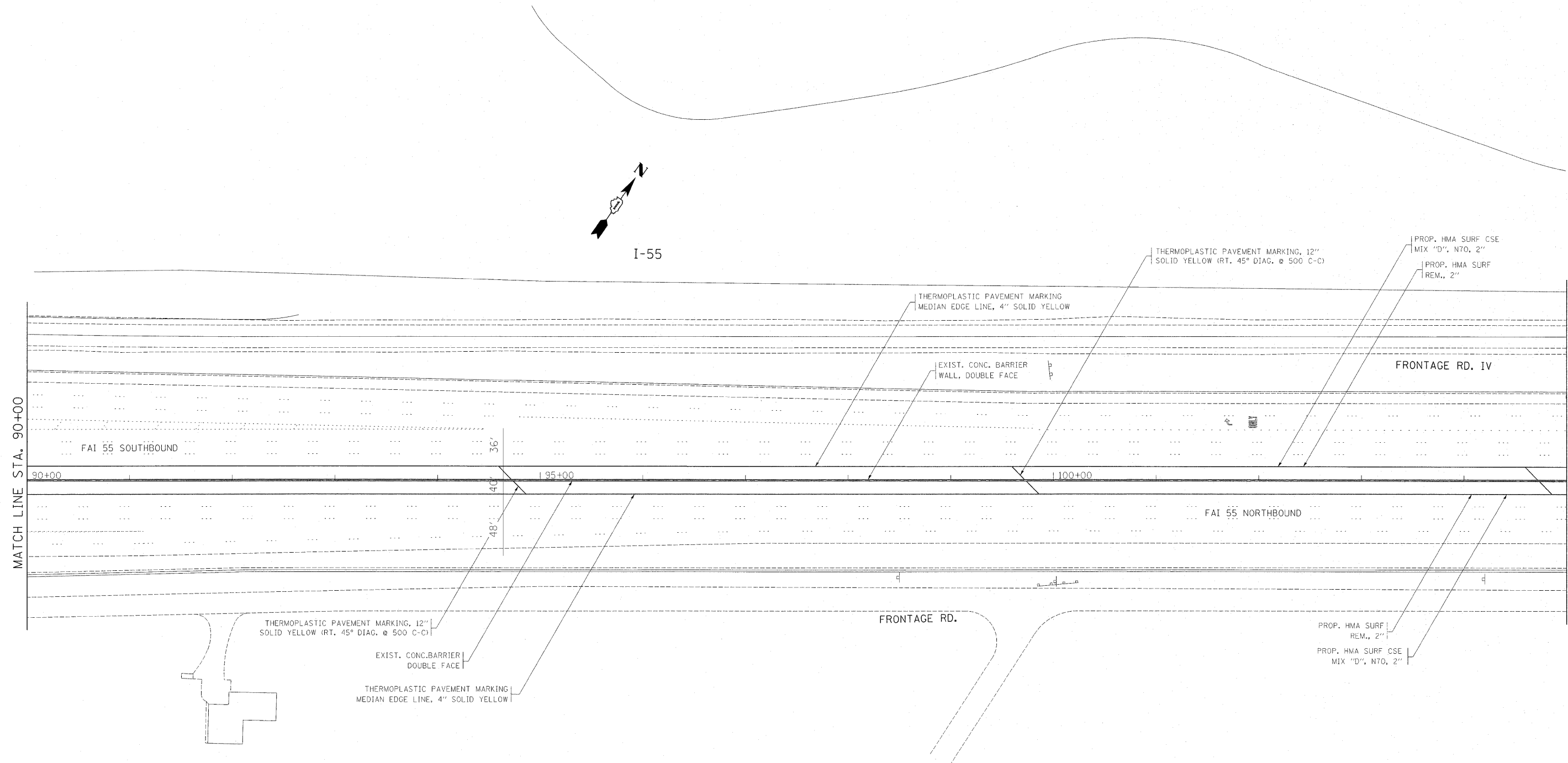
**EXISTING AND PROPOSED INSIDE SHOULDER
AND PAVEMENT MARKING PLAN**

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CONTRACT NO. 60L67				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. OF SHEETS STA. TO STA.



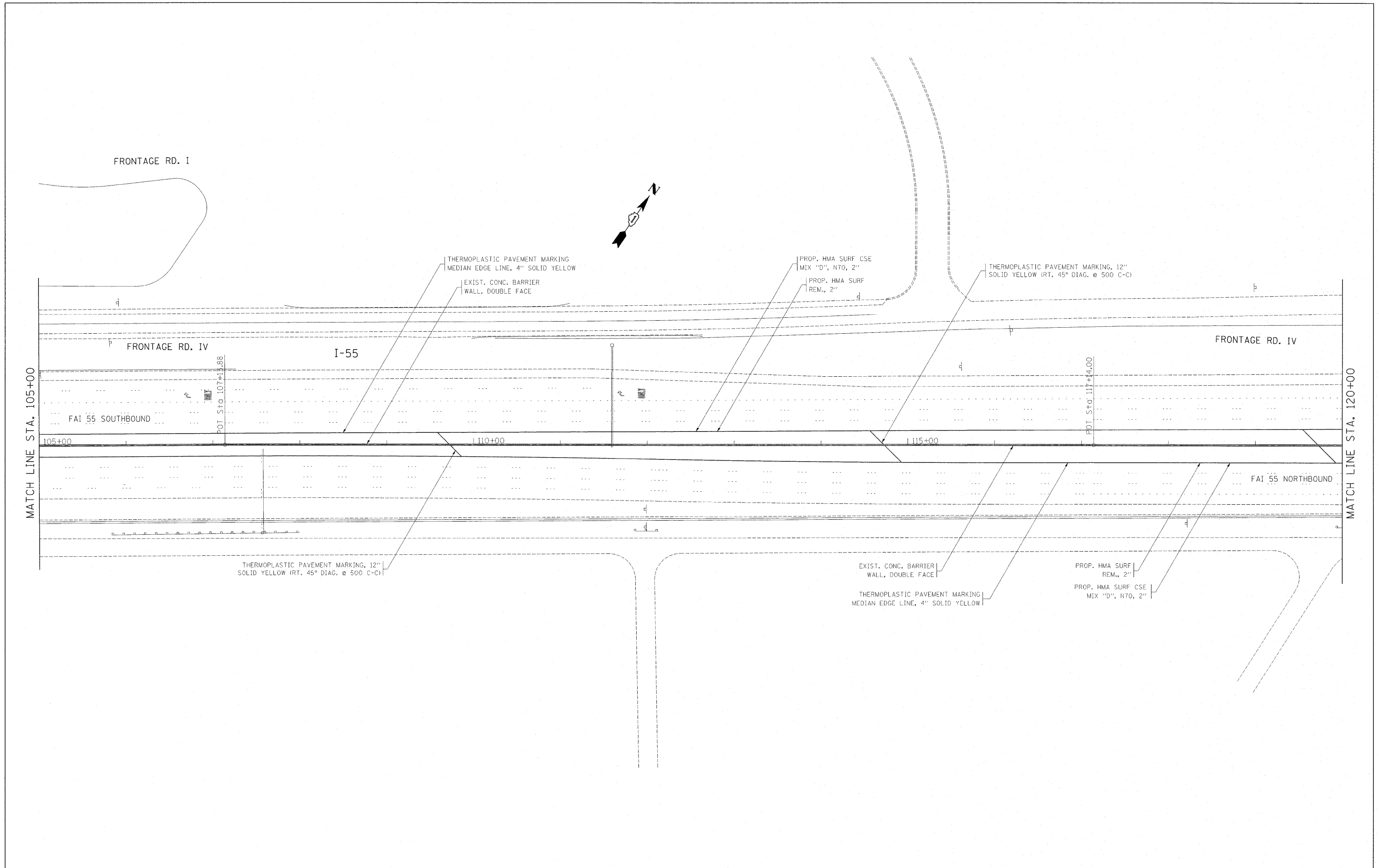
I-55



MATCH LINE STA. 90+00

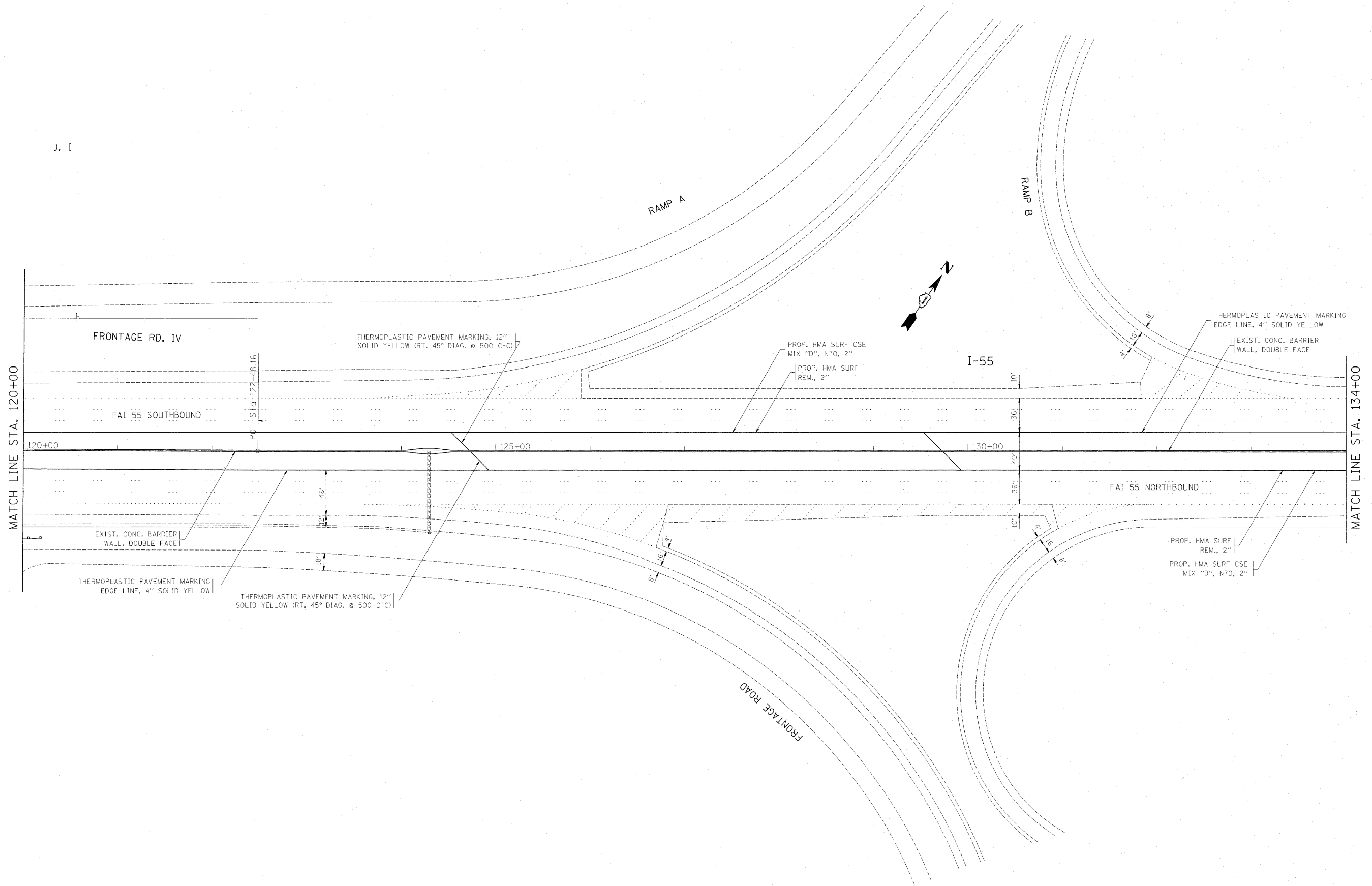
MATCH LINE STA. 105+00

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	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
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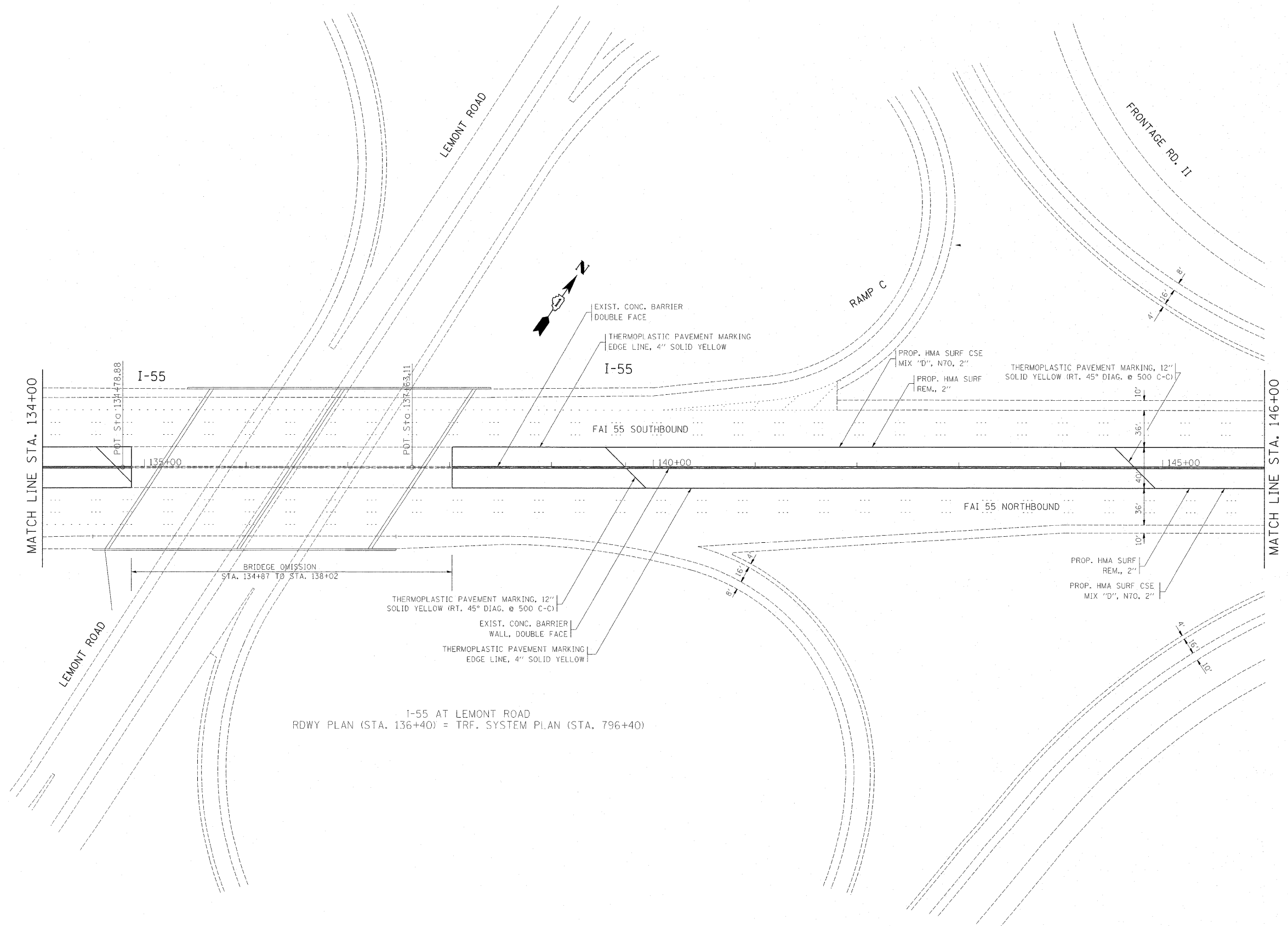


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J. I



FILE NAME =	USER NAME = gelbenjr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED INSIDE SHOULDER AND PAVEMENT MARKING PLAN	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cr:\pw\work\pwidot\gelbenjr\0212968\0177	410-sht-plan.dgn	DRAWN -	REVISED -			55	2010-079-RS	COOK/DUPAGE	96	13	
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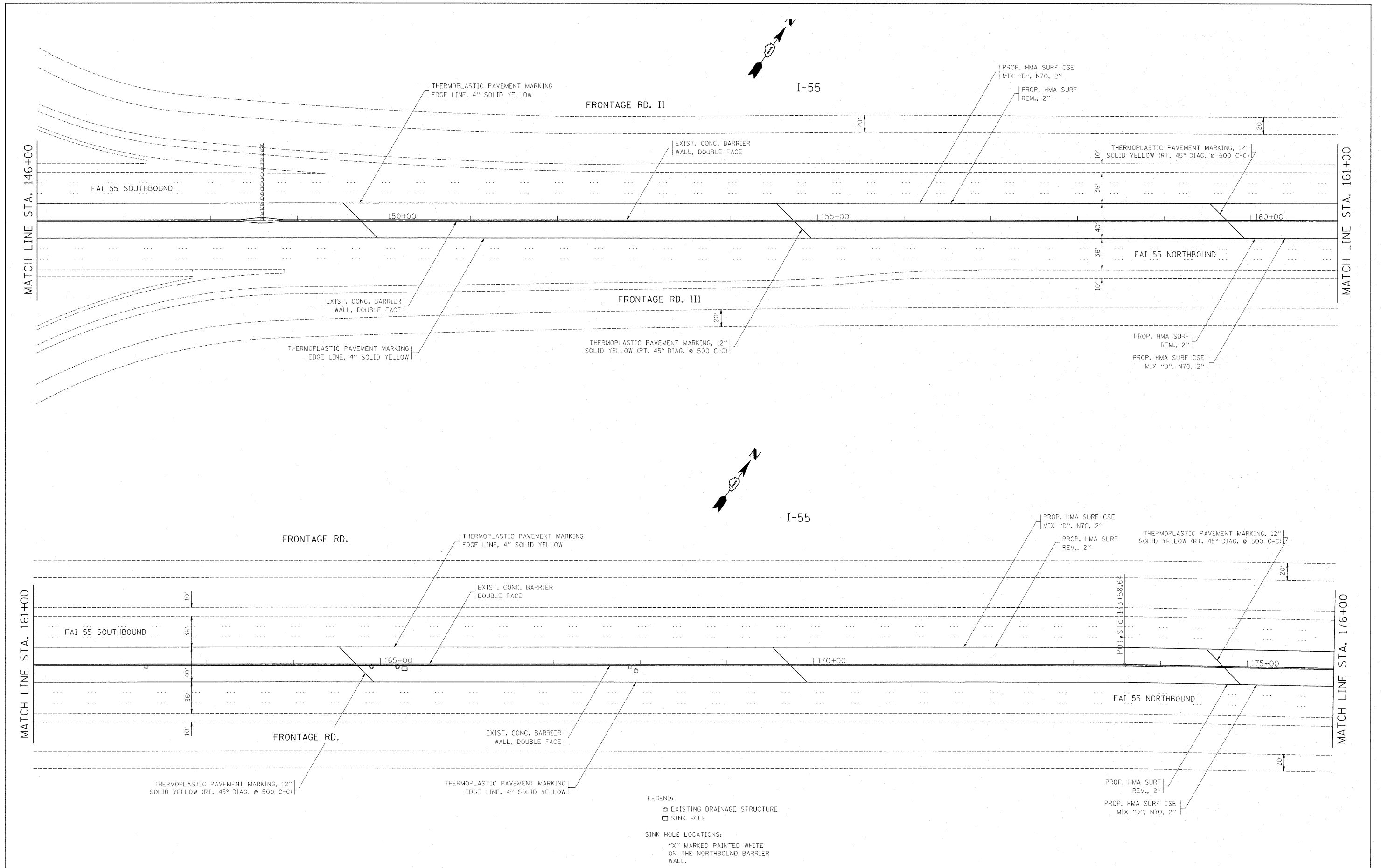
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

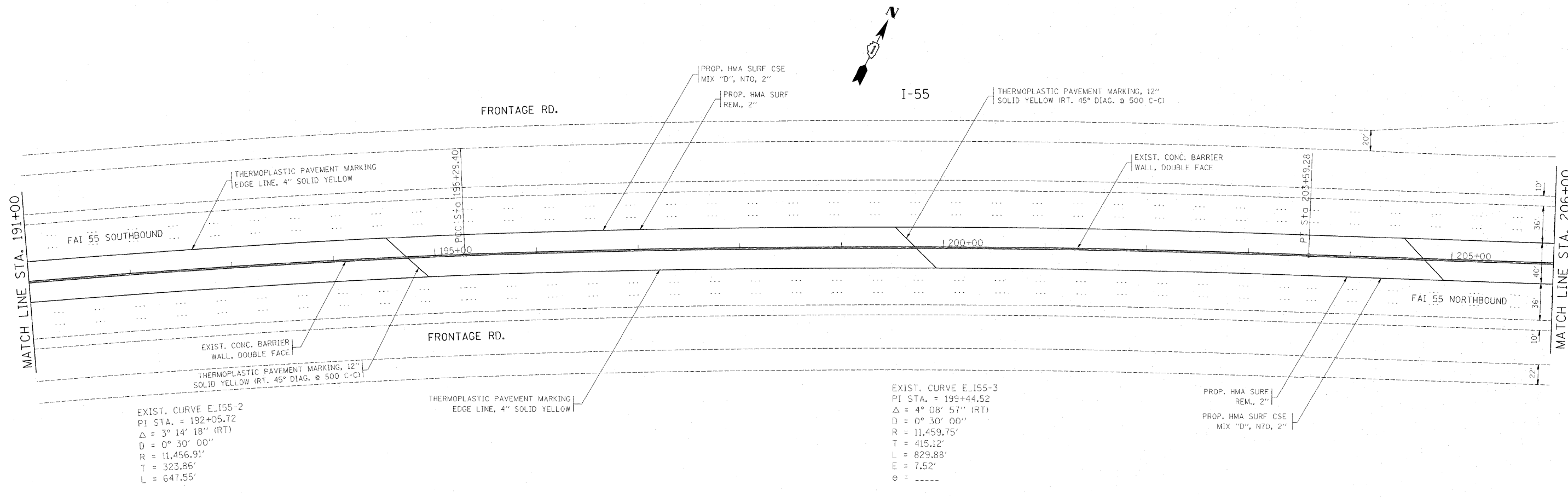
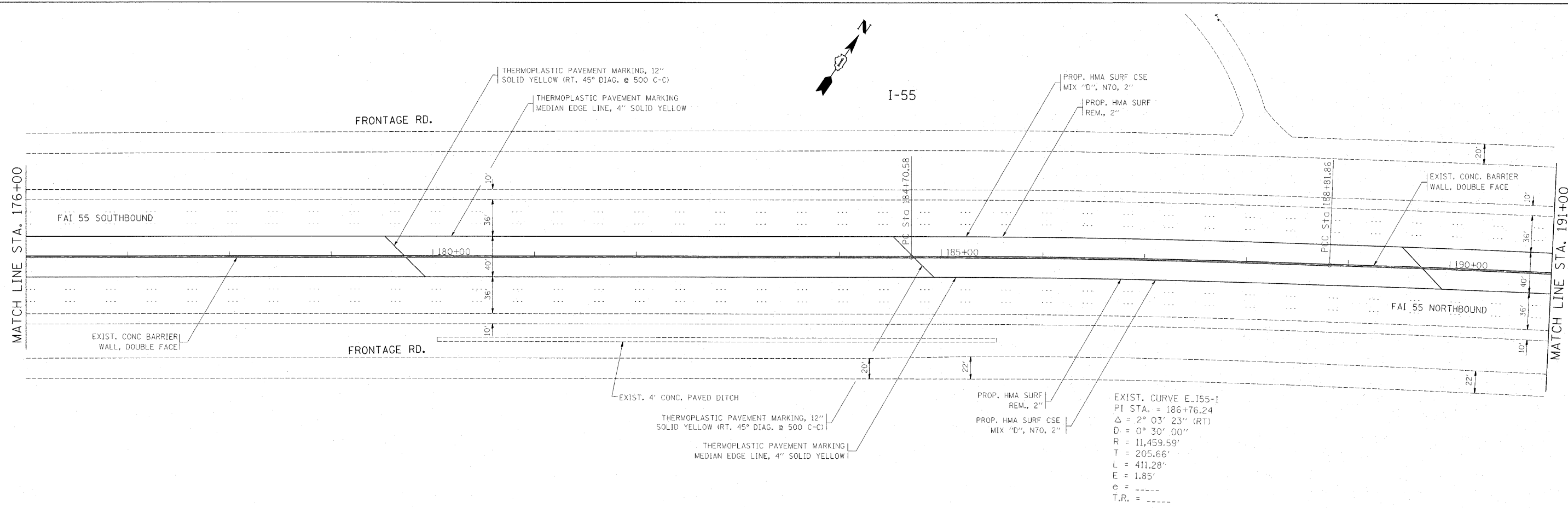
**EXISTING AND PROPOSED INSIDE SHOULDER
AND PAVEMENT MARKING PLAN**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

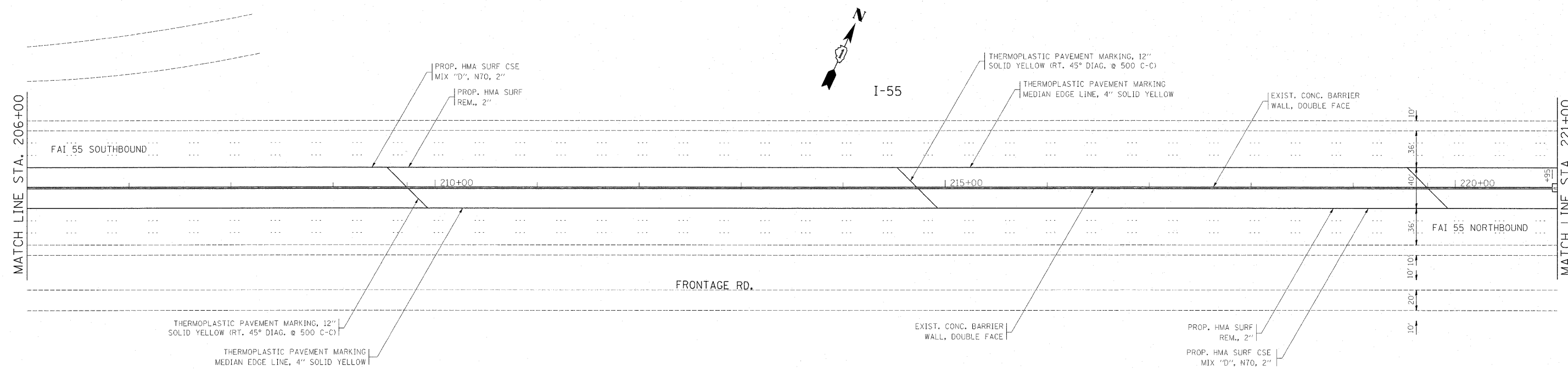
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55	2010-079-RS	COOK/DUPAGE	96	14
CONTRACT NO. 60L67				
ILLINOIS FED. AID PROJECT				



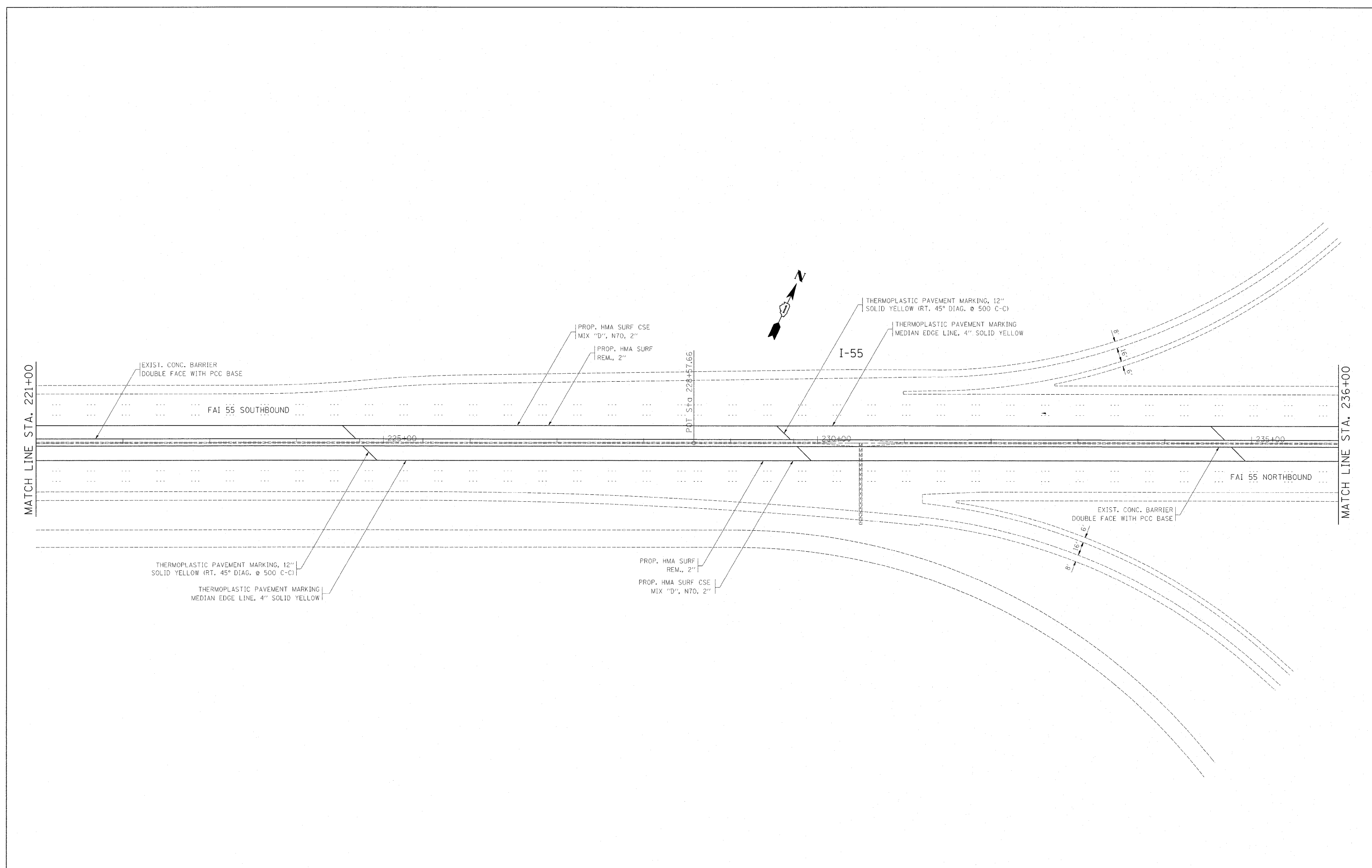
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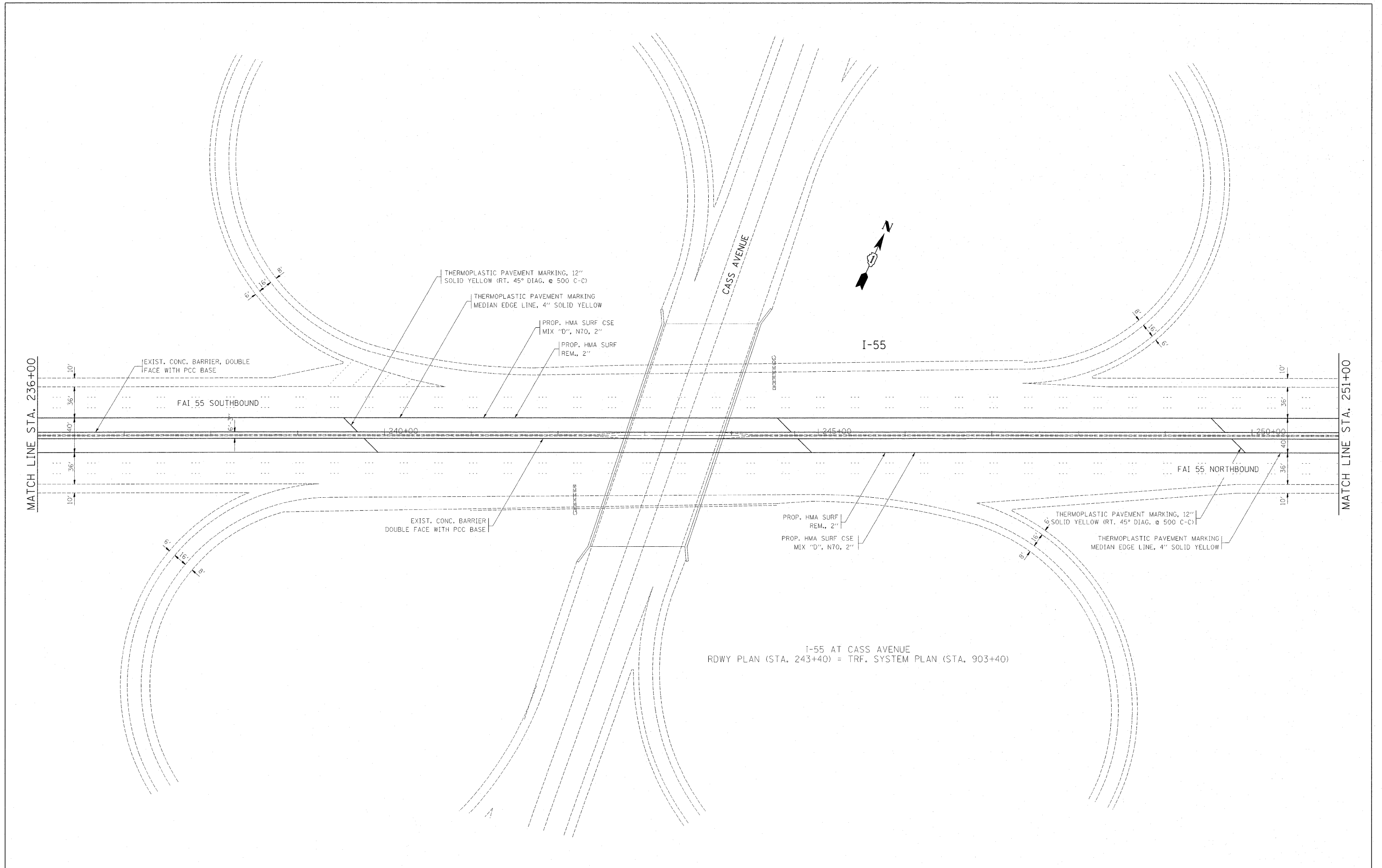
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PLOT DATE = 1/3/2011	DATE -	REVISED -	ILLINOIS FED. AID PROJECT								



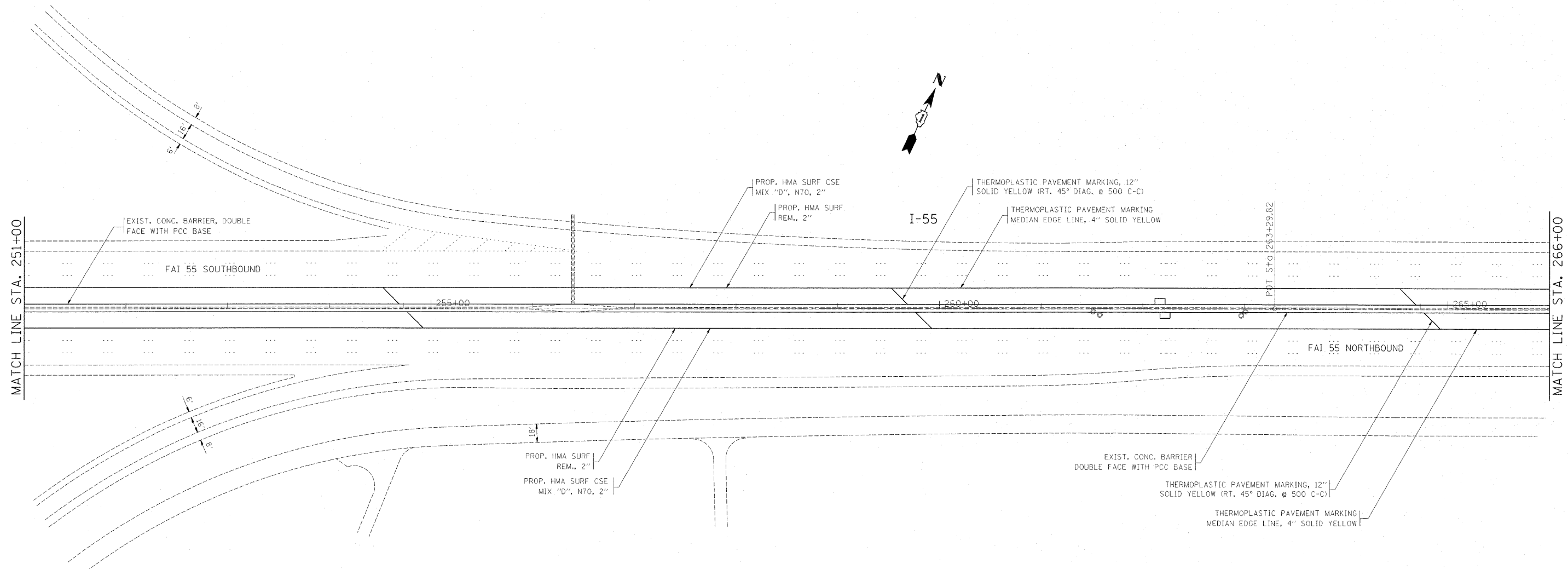
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					ILLINOIS FED. AID PROJECT					



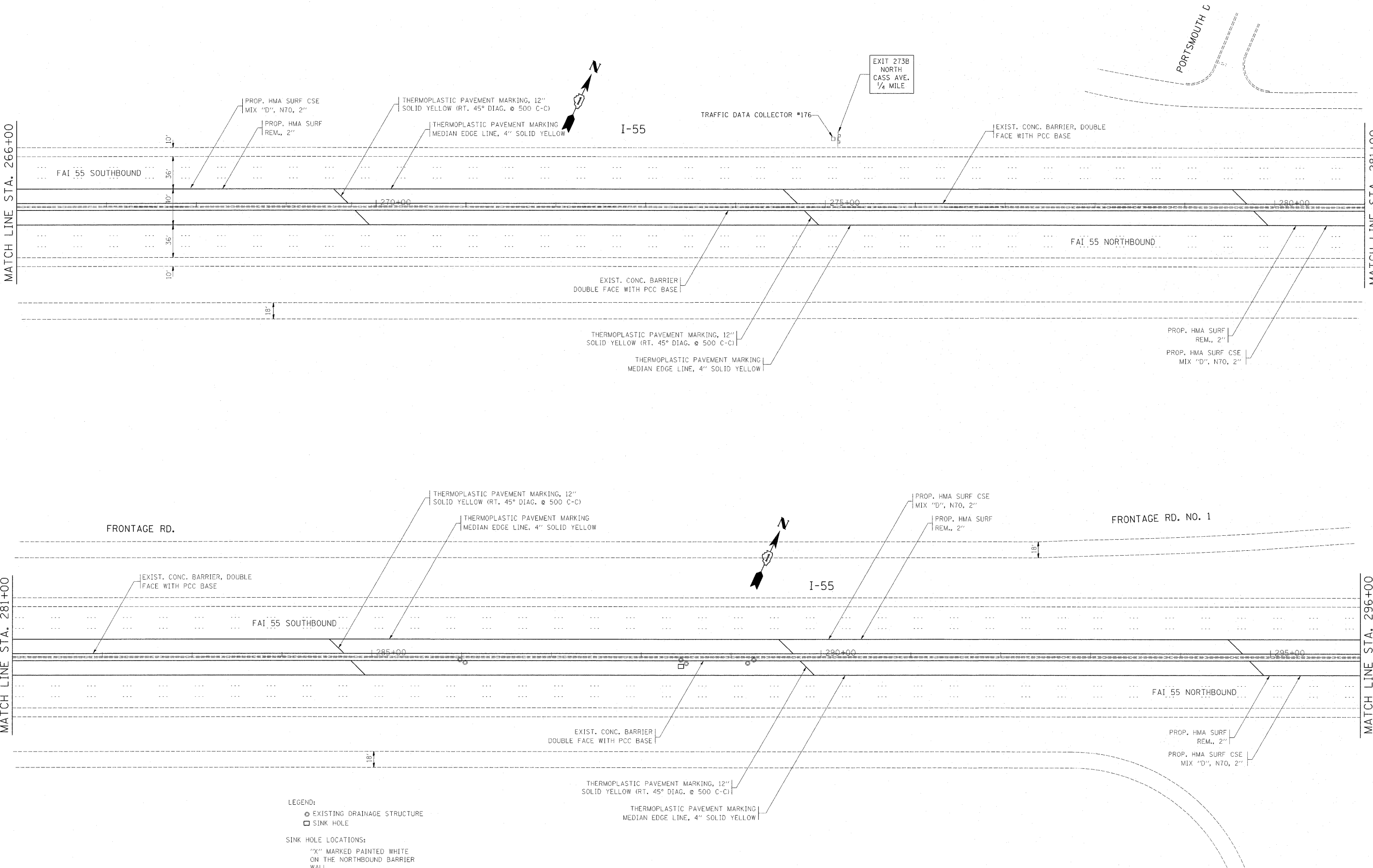
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	PLOT DATE = 1/3/2011	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
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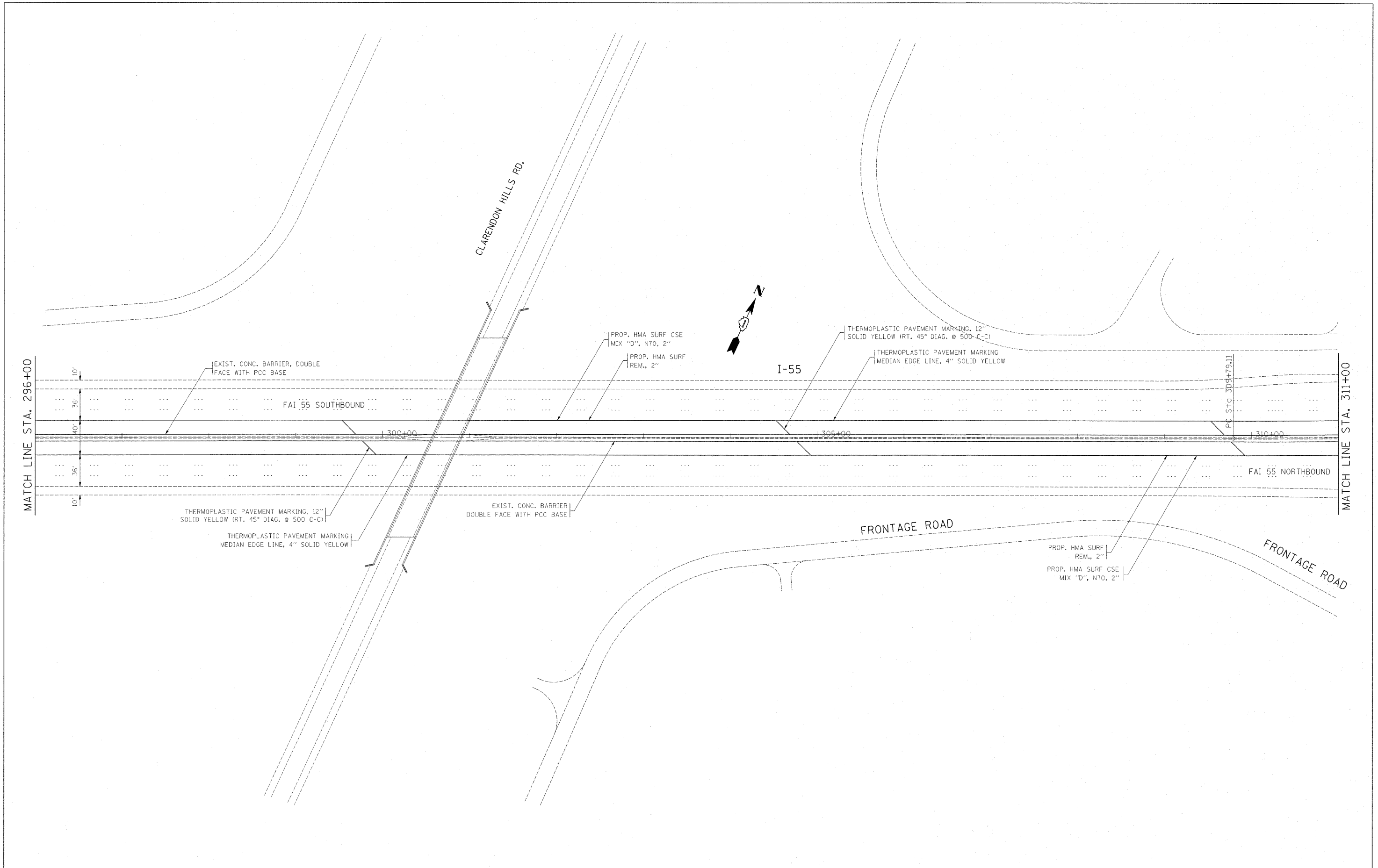
LEGEND:

- EXISTING DRAINAGE STRUCTURE
- SINK HOLE

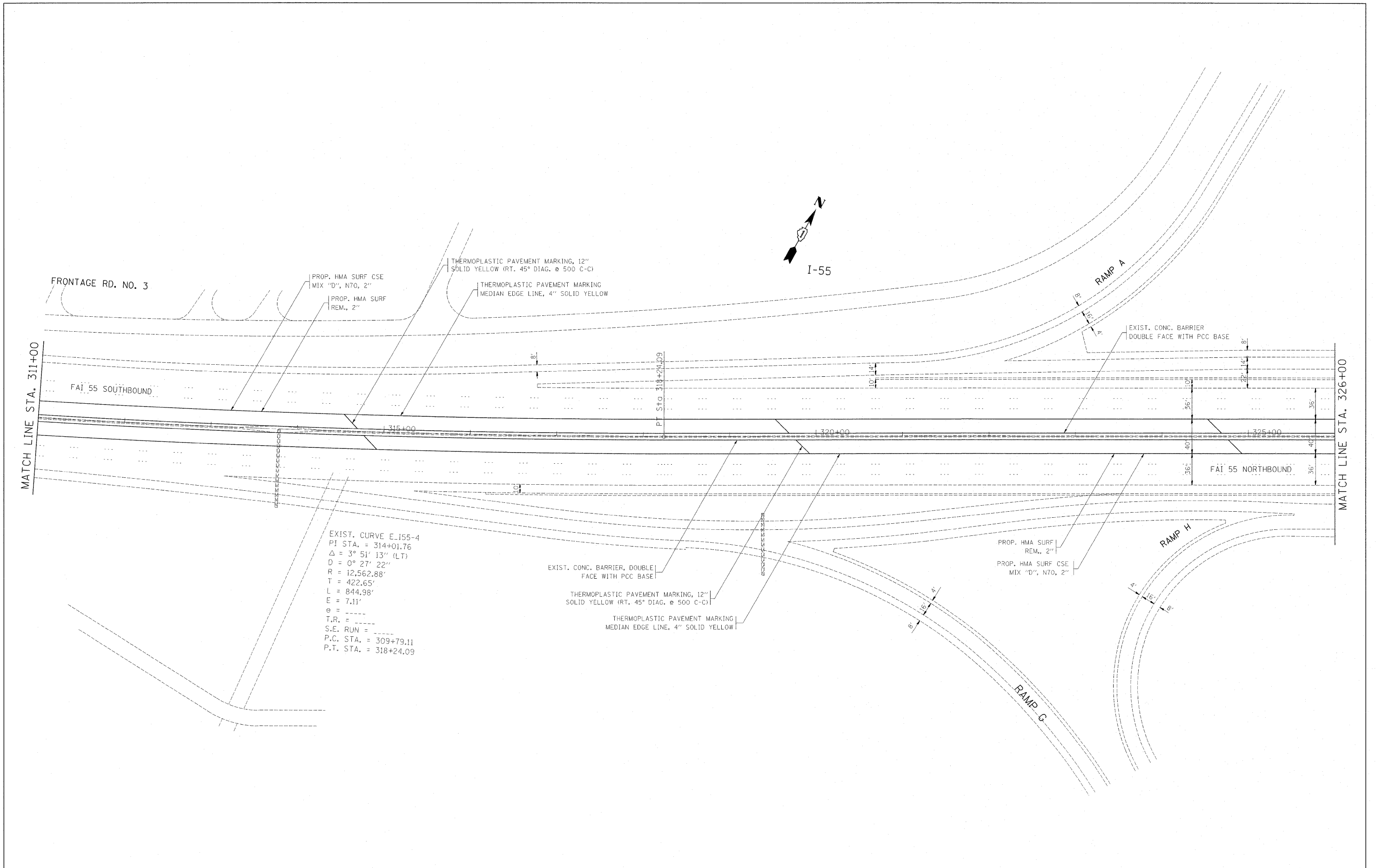
SINK HOLE LOCATIONS:

"X" MARKED PAINTED WHITE ON THE NORTHBOUND BARRIER WALL.

FILE NAME =	USER NAME = galbanjr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED INSIDE SHOULDER AND PAVEMENT MARKING PLAN	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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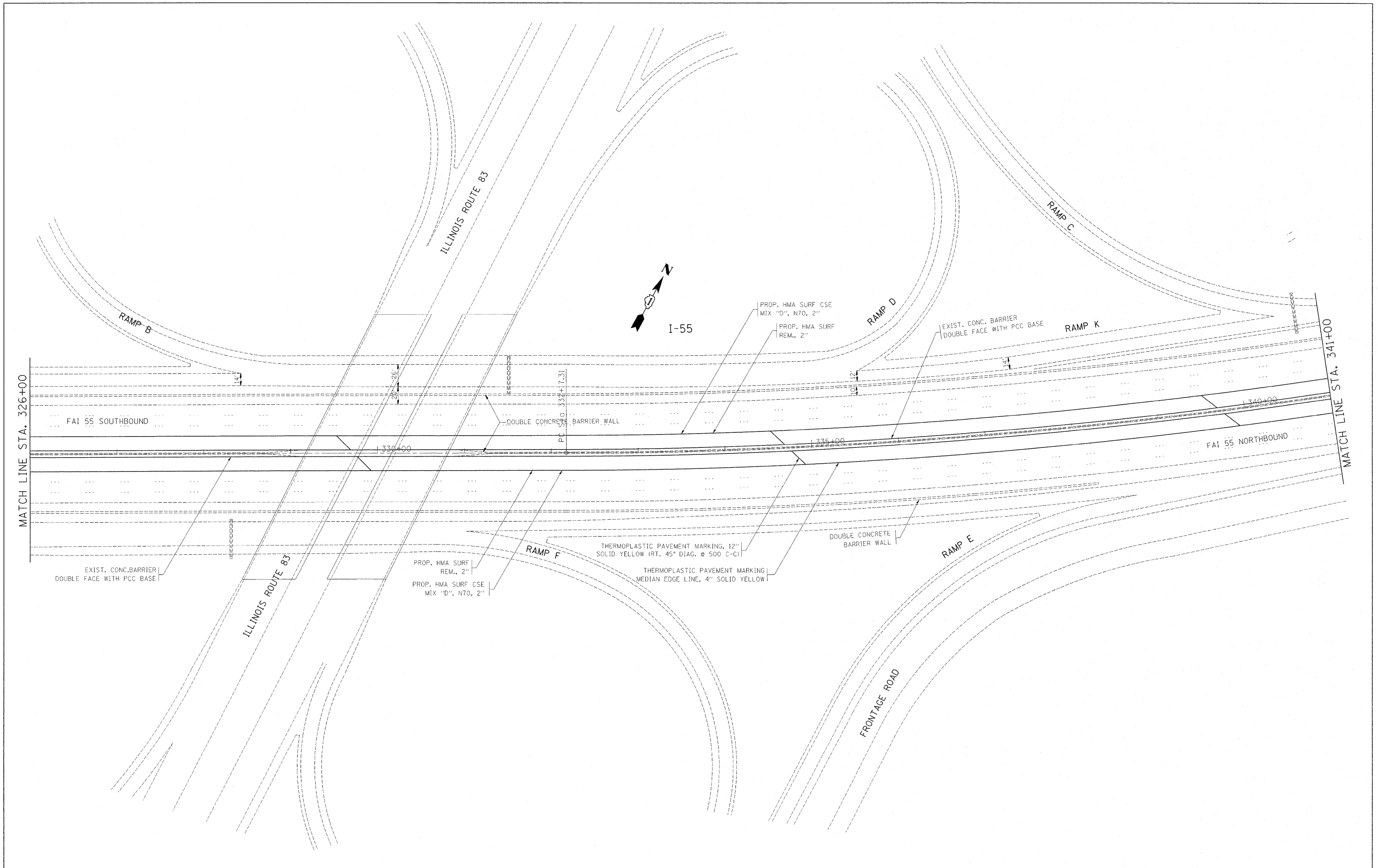


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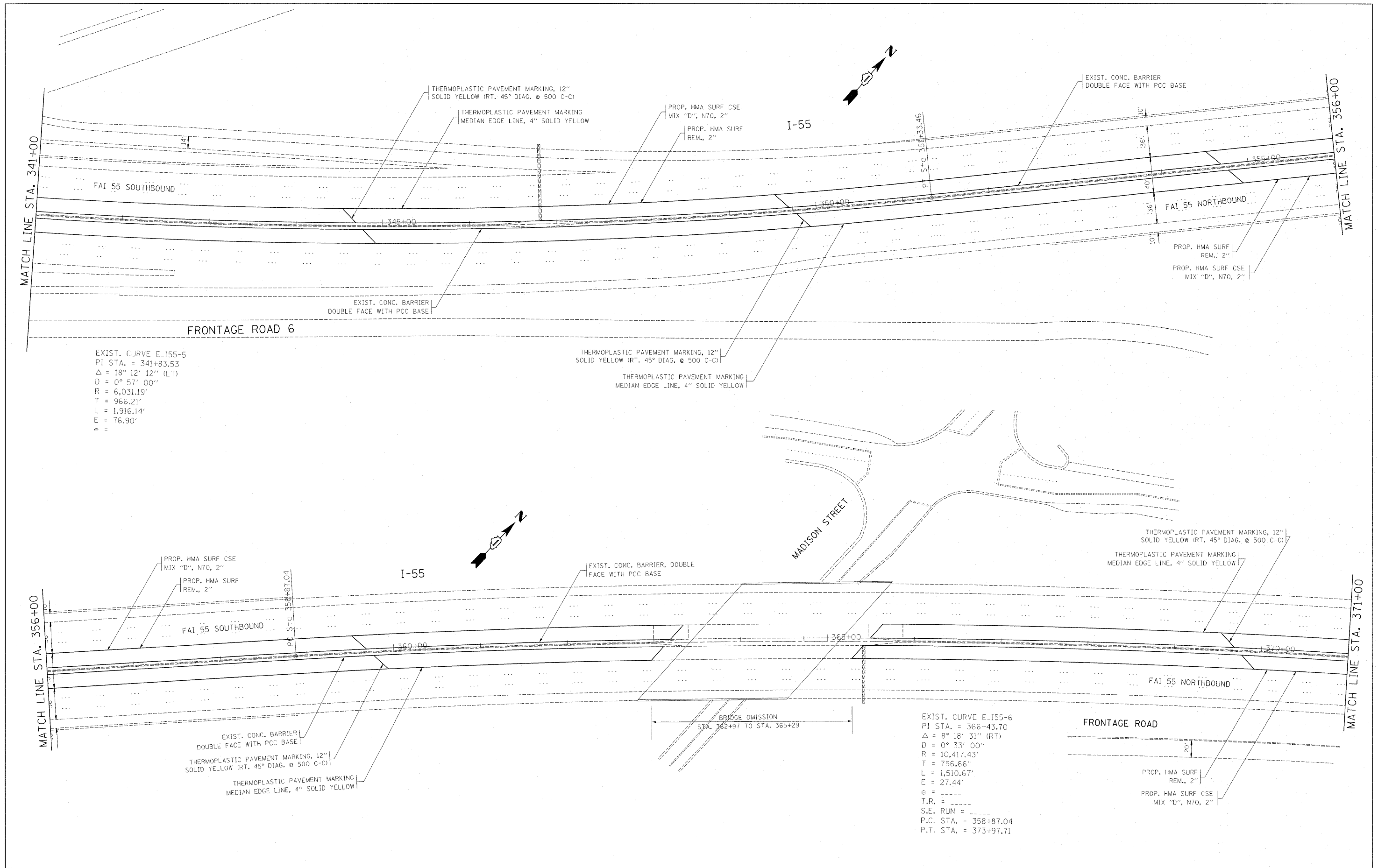


EXIST. CURVE E-155-4
 P.I. STA. = 314+01.76
 $\Delta = 3^\circ 51' 13''$ (LT)
 $D = 0^\circ 27' 22''$
 $R = 12,562.88'$
 $T = 422.65'$
 $L = 844.98'$
 $E = 7.11'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. \text{ RUN} = \text{---}$
 $P.C. \text{ STA.} = 309+79.11$
 $P.T. \text{ STA.} = 318+24.09$

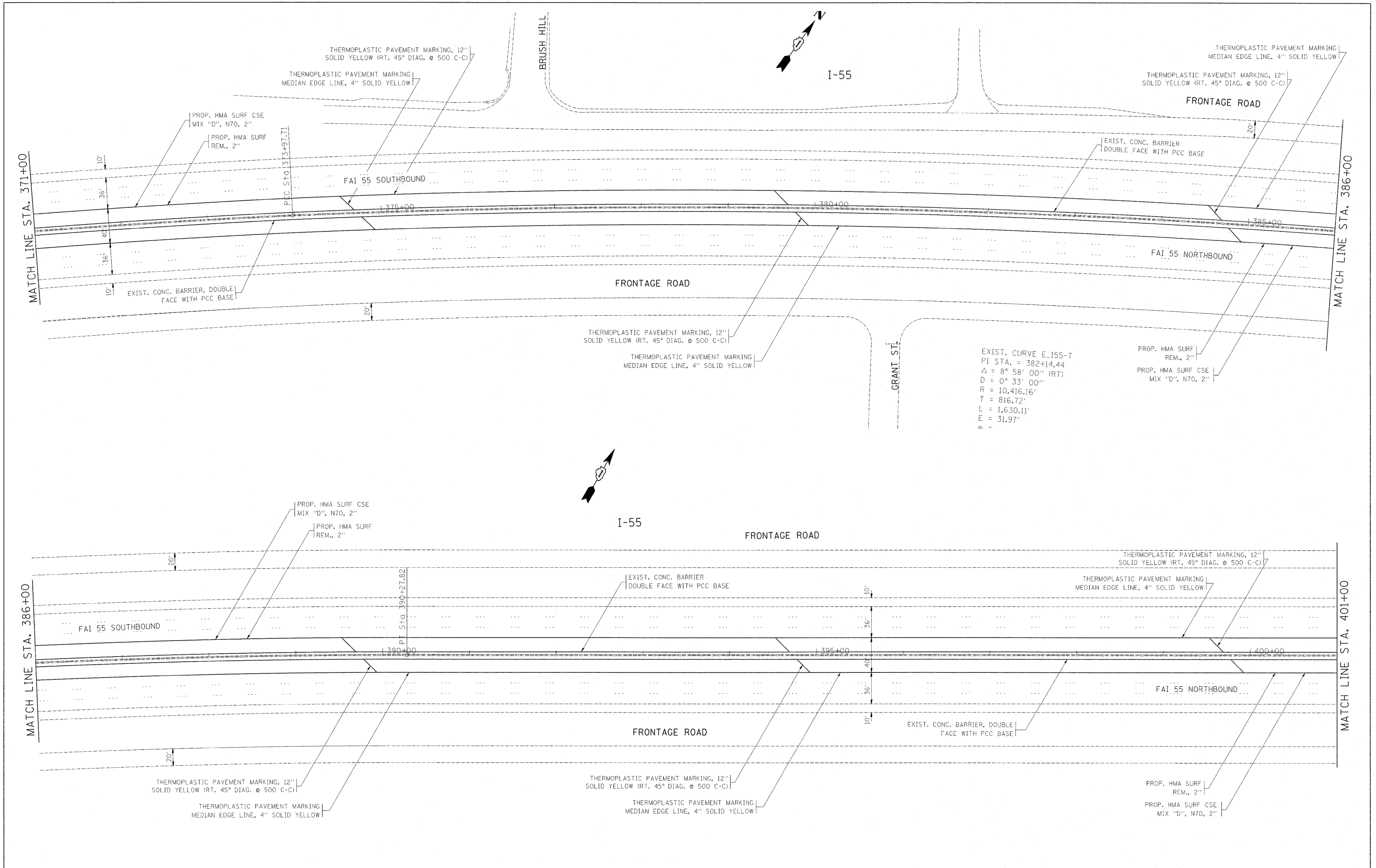
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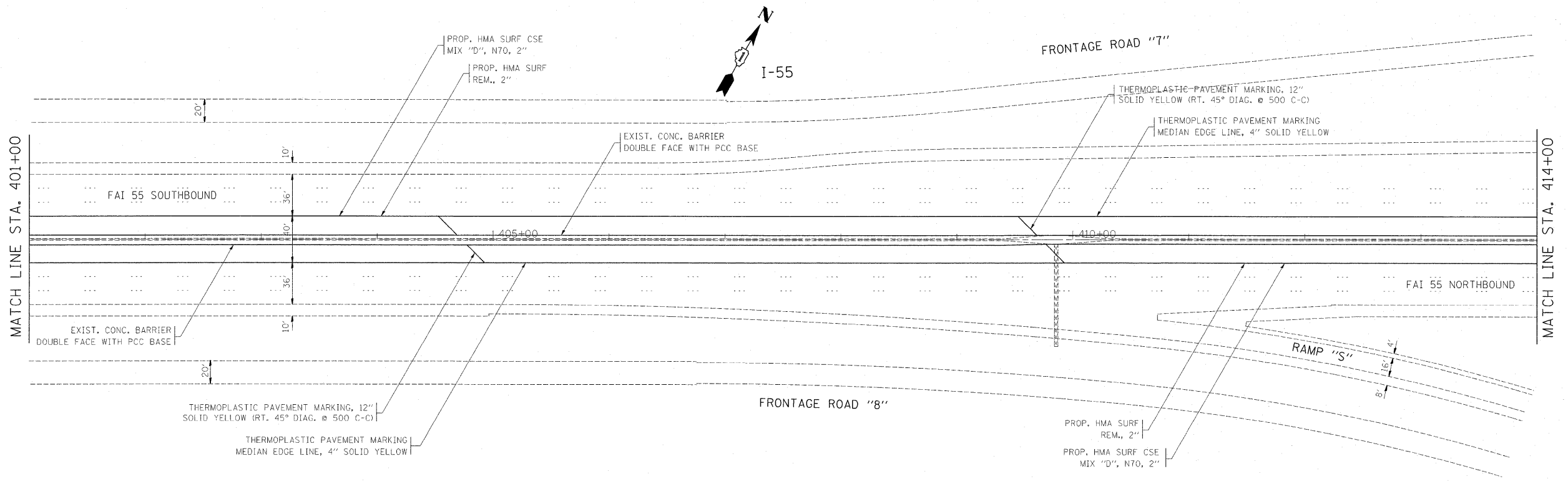
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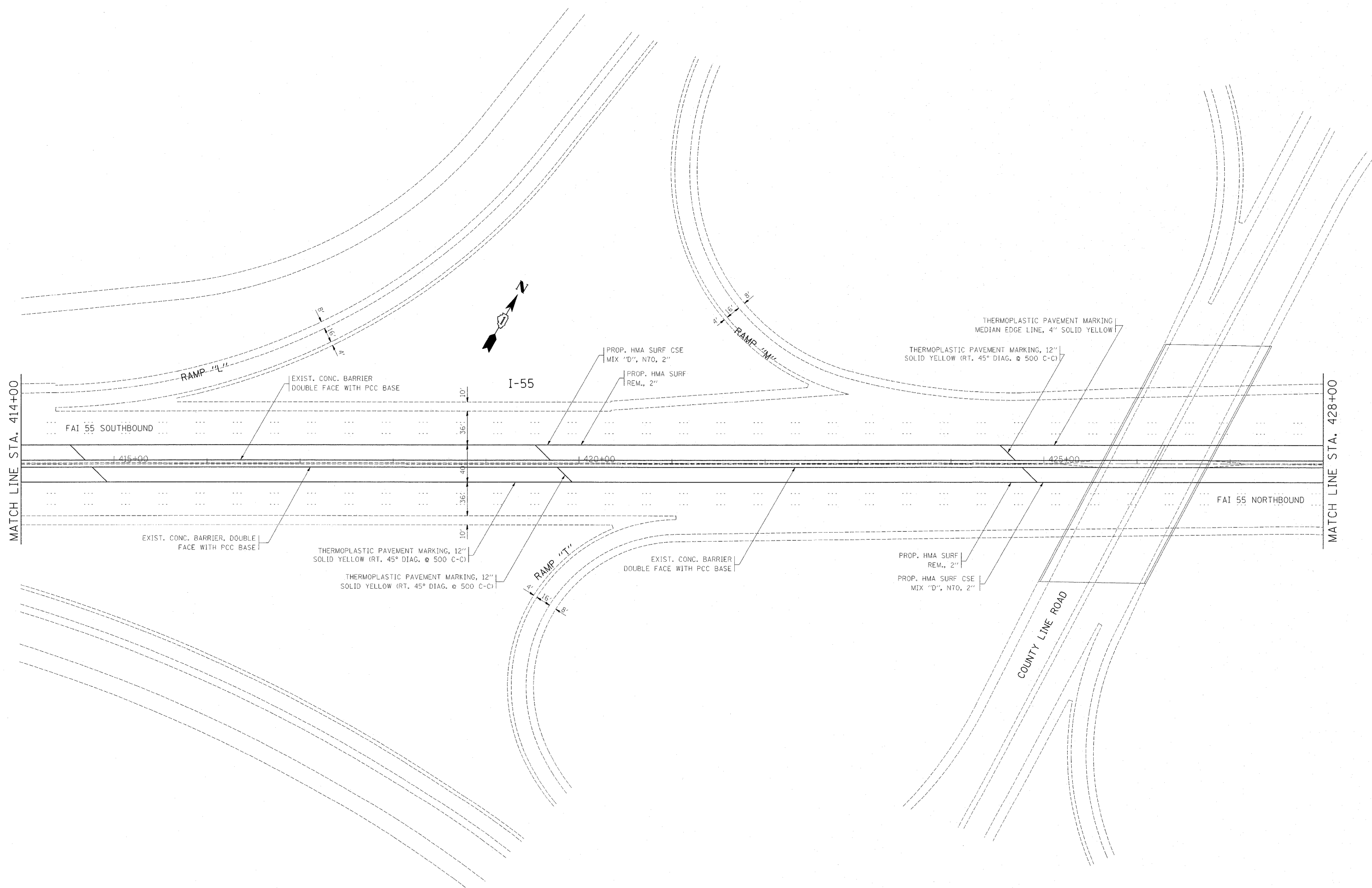
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FILE NAME =	USER NAME = galbarjr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED INSIDE SHOULDER AND PAVEMENT MARKING PLAN	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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					SCALE:	SHEET NO. OF SHEETS STA. TO STA.					



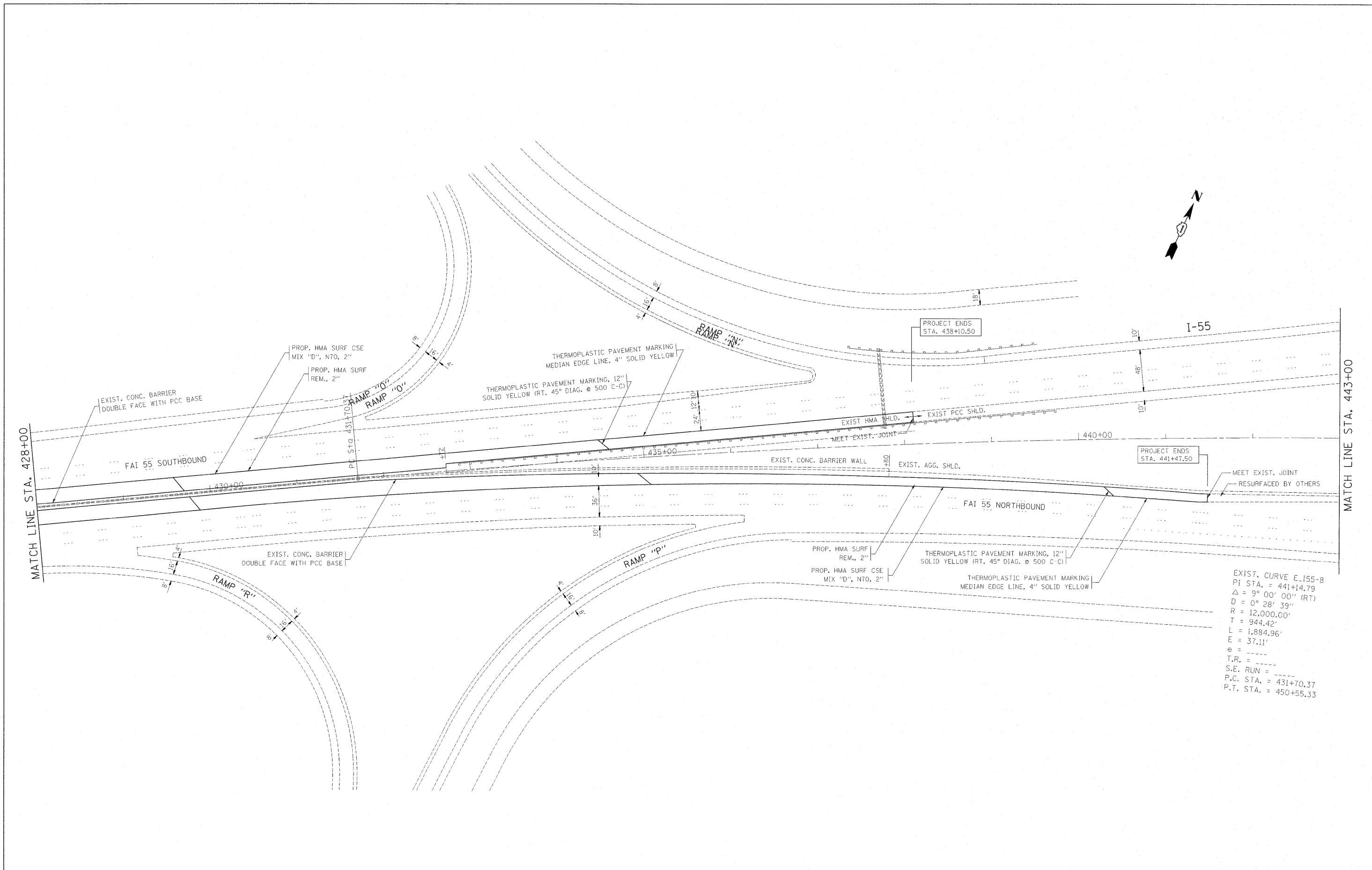
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

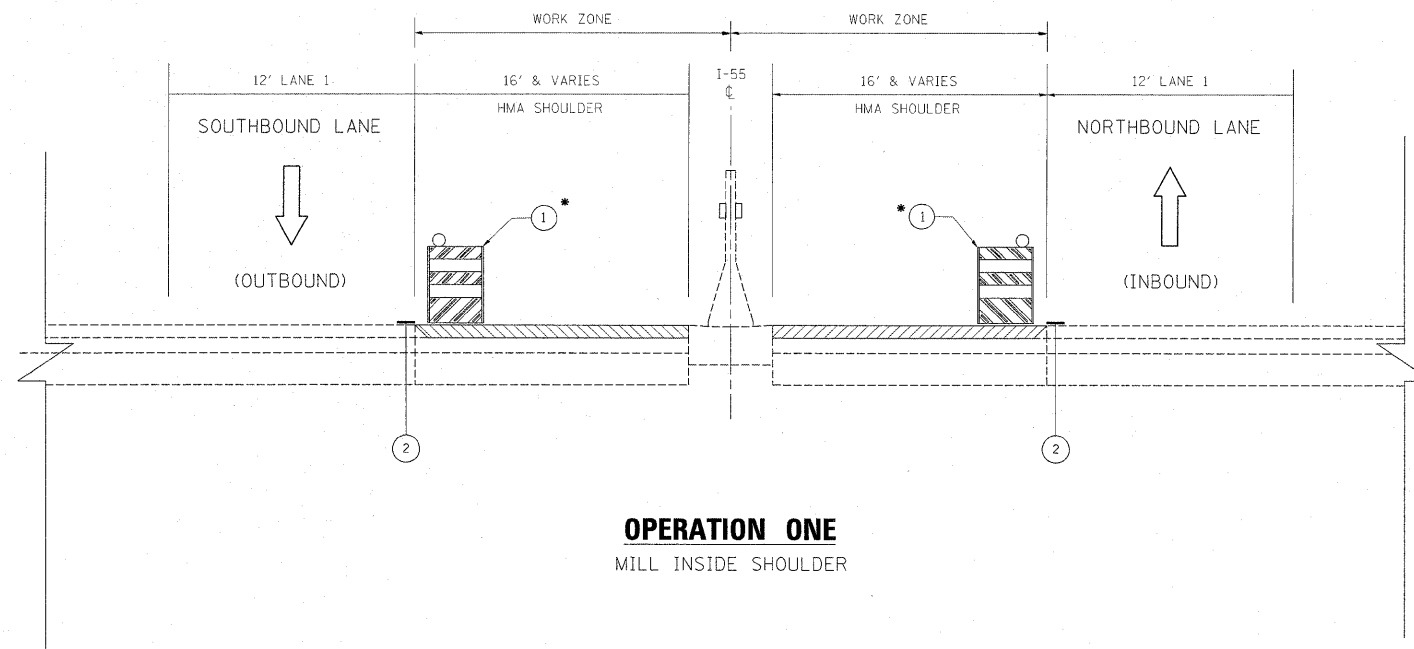
**EXISTING AND PROPOSED INSIDE SHOULDER
AND PAVEMENT MARKING PLAN**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-079-RS	COOK/DUPAGE	96	28
CONTRACT NO. 60L67				
ILLINOIS FED. AID PROJECT				

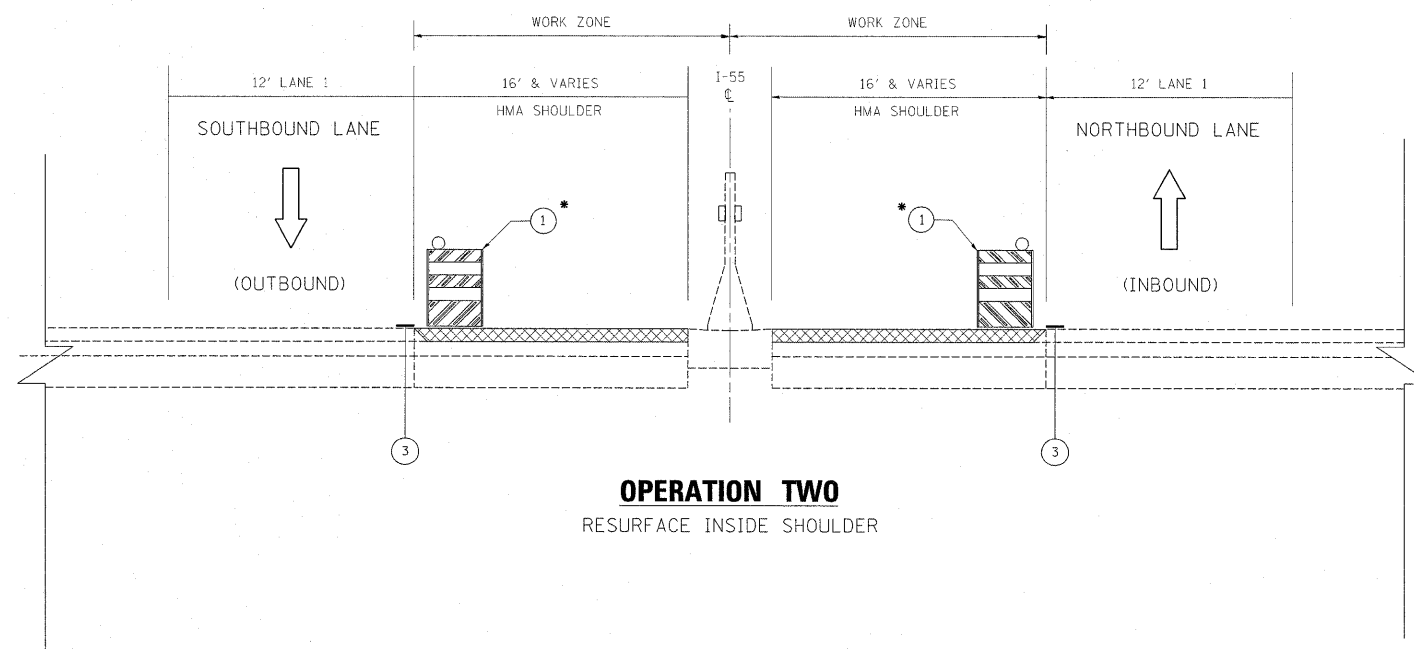
SCALE: SHEET NO. OF SHEETS STA. TO STA.



FILE NAME =	USER NAME = galbanjr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED INSIDE SHOULDER AND PAVEMENT MARKING PLAN	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cr:\pw\work\pwidot\galbanjr\2012\968\0177	410-sht-plan.dgn	DRAWN -	REVISED -			55	2010-079-RS	COOK/DUPAGE	96	29	
	PLOT SCALE = 58.7684' / IN.	CHECKED -	REVISED -			CONTRACT NO. 60L67					
	PLOT DATE = 1/31/2011	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.				



OPERATION ONE
MILL INSIDE SHOULDER



OPERATION TWO
RESURFACE INSIDE SHOULDER

STAGE I

PERFORM BARRIER WALL REPAIR AND PATCHING WORK USING "DISTRICT ONE FREEWAY STANDARD FOR SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES". THE TEMPORARY SHOULDER CLOSURE WILL ONLY BE ALLOWED ON WEEKDAYS WITH THE TIME SPECIFIED AS DETAILED IN THE SPECIAL PROVISIONS FOR "KEEPING THE EXPRESSWAY OPEN TO TRAFFIC".

STAGE II

PERFORM MILLING, RESURFACING OPERATIONS, AND EDGE LINE PAVEMENT MARKING USING THE SUGGESTED TRAFFIC CONTROL AND PROTECTION STAGING TYPICAL SECTION AND "DISTRICT ONE FREEWAY STANDARD FOR SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES". THE TEMPORARY SHOULDER CLOSURE WILL ONLY BE ALLOWED ON WEEKDAYS WITH THE TIME SPECIFIED AS DETAILED IN THE SPECIAL ROVISIONS FOR "KEEPING THE EXPRESSWAY OPEN TO TRAFFIC".

GENERAL NOTES - TRAFFIC CONTROL

THE CONTRACTOR SHALL PLACE AND MAINTAIN DRUMS WITH MONO-DIRECTIONAL STEADY BURNING LIGHTS AT 100 FEET C-C ON THE SHOULDER ADJACENT TO MILLED AREAS. DRUMS WILL REMAIN IN PLACE UNTIL THE PROPOSED SURFACE COURSE HAS BEEN PLACED AND EDGE LINES HAS BEEN INSTALLED.

AT THE END OF EACH NIGHTLY SHIFT, THE CONTRACTOR SHALL SWEEP THE PAVEMENT SURFACE CLEAN, PLACE TEMPORARY PAVEMENT MARKING AND REMOVE TRAFFIC CONTROL.

SINCE THIS IS AN EXPRESSWAY FACILITY, THE CONTRACTOR MAY HAVE CREWS WORKING IN THE NORTHBOUND AND SOUTHBOUND DIRECTIONS AT THE SAME TIME.

ALL DRAINAGE WORKS CAN BE ACCOMPLISHED WITH DAYTIME SHOULDER CLOSURES.

THE MILLING REQUIRED TO PLACE A TAPER (SEE DETAIL A) WILL BE INCLUDED IN THE COST OF HMA SURFACE REMOVAL, 2"

LEGEND

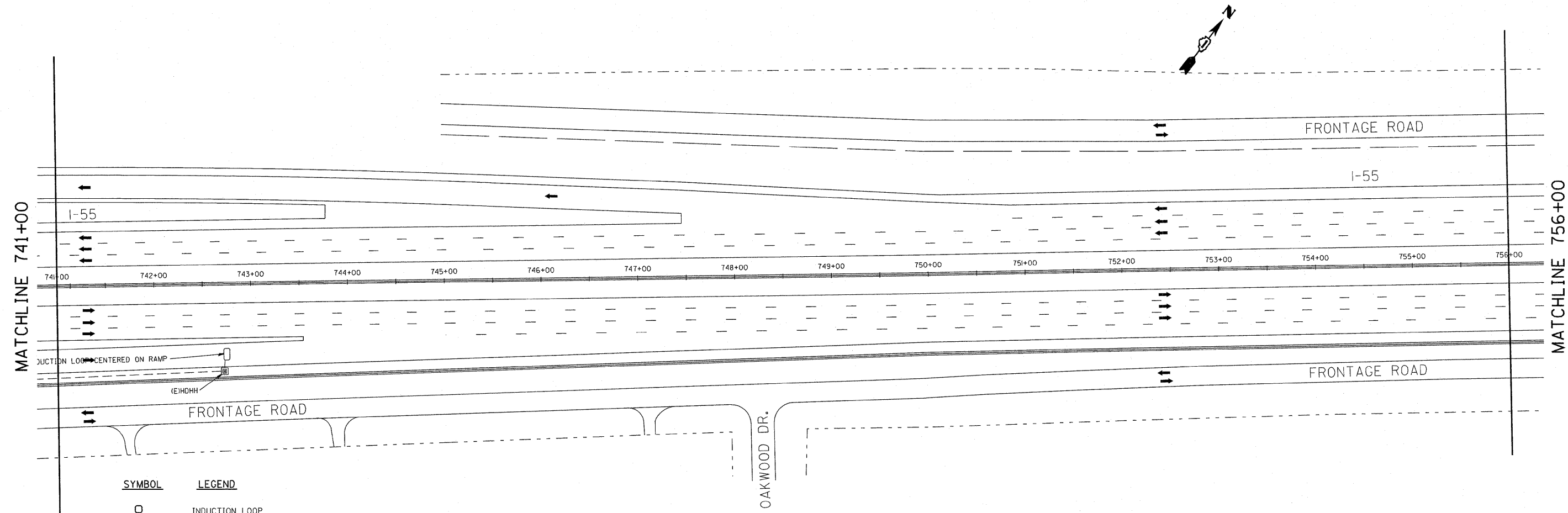
- ① DRUMS W/ STEADY BURN LIGHTS @ 100' C-C
- ② TEMPORARY PAVEMENT MARKING (TYPE III TAPE)
- ③ PERMANENT PAVEMENT MARKING
- ▨ HMA SURFACE REMOVAL
- ▩ PROPOSED HMA SURFACING

• SEE NOTE 1 OF GENERAL NOTES-TRAFFIC CONTROL

•• DRUMS SHALL NOT BE PLACED IN THE LANE WHICH IS OPEN TO TRAFFIC. THE CONTRACTOR SHALL USE ONE FOOT WIDE VERTICAL BARRICADES WITH STEADY BURN LIGHTS ALONG THE MILLING AND PAVING OPERATIONS. THE TYPE OF VERTICAL BARRICADES SHALL BE APPROVED IN WRITING BY THE ENGINEER PRIOR TO BEING USED ON THE PROJECT.

FILE NAME =	USER NAME = galbanjr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-55 (EAST OF I-355 TO COUNTY LINE RD.) SUGGESTED TRAFFIC CONTROL AND PROTECTION PLAN				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr:\pwwork\pwwork\galbanjr\2010\07\17\110-sh-t-1-plan.dgn		DRAWN -	REVISED -		55	2010-079-RS	COOK/DUPAGE	96	30				
PLOT SCALE = 50.7684' / IN.		CHECKED -	REVISED -		CONTRACT NO. 60L67								
PLOT DATE = 1/3/2011		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
					SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.				

P. A. I SHEET	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-079-RS	*	96	31
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* COOK/DUPAGE				



SYMBOL	LEGEND
○	INDUCTION LOOP
○	ROUND INDUCTION LOOP
⊗	TSC CABINET
○	TELEPHONE SERVICE
⊕	SERVICE INSTALLATION
⊞	JUNCTION BOX
⊞	HEAVY DUTY HAND HOLE
---	POLYETHYLENE DUCT
---	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(P)	PROPOSED
(I)	INSTALL
(R)	REMOVE
P	PUSHED
T	TRENCHED

REVISIONS	
NAME	DATE
J.G.	12-94
J.G.	05-08-95
T.C.	05-31-95
J.G.	10-29-2010

EXISTING/REMOVAL

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
I-55 STEVENSON

STA. 741 + 00

SCALE: VERT. 50:1
HORIZ. 50:1
DATE 6-13-94

DRAWN BY G.M.
CHECKED BY J.G.

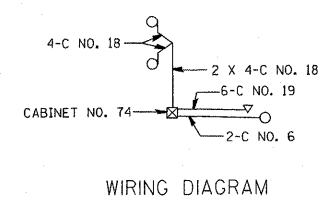
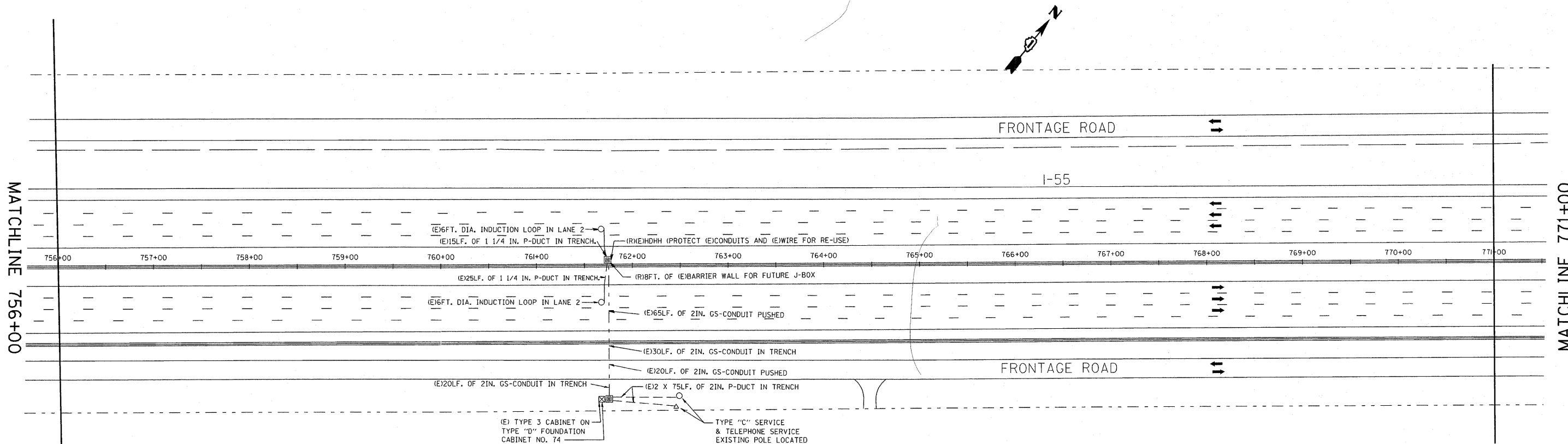
RD-C; E:JOEISEBUS2010_RFSTEVE.DGN
RF=STEVE.DGN

VI= 741

TRAFFIC SYSTEMS CENTER

P. A. I. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-079-R9	*	96	32
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* COOK / DU PAGE



SYMBOL	LEGEND
□	INDUCTION LOOP
○	ROUND INDUCTION LOOP
⊗	TSC CABINET
○	TELEPHONE SERVICE
⊕	SERVICE INSTALLATION
⊞	JUNCTION BOX
⊞	HEAVY DUTY HAND HOLE
---	POLYETHYLENE DUCT
---	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(P)	PROPOSED
(I)	INSTALL
(R)	REMOVE
P	PUSHED
T	TRENCHED

REVISIONS	
NAME	DATE
J.G.	12-94
J.G.	05-08-95
T.C.	05-31-95
J.G.	10-29-2010

EXISTING/REMOVAL

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
1-55 STEVENSON

1/2 WEST MILE OF LEMONT ROAD

SCALE: VERT. 50:1
HORIZ. 50:1
DATE 6-13-94

DRAWN BY G.M.
CHECKED BY J.C.

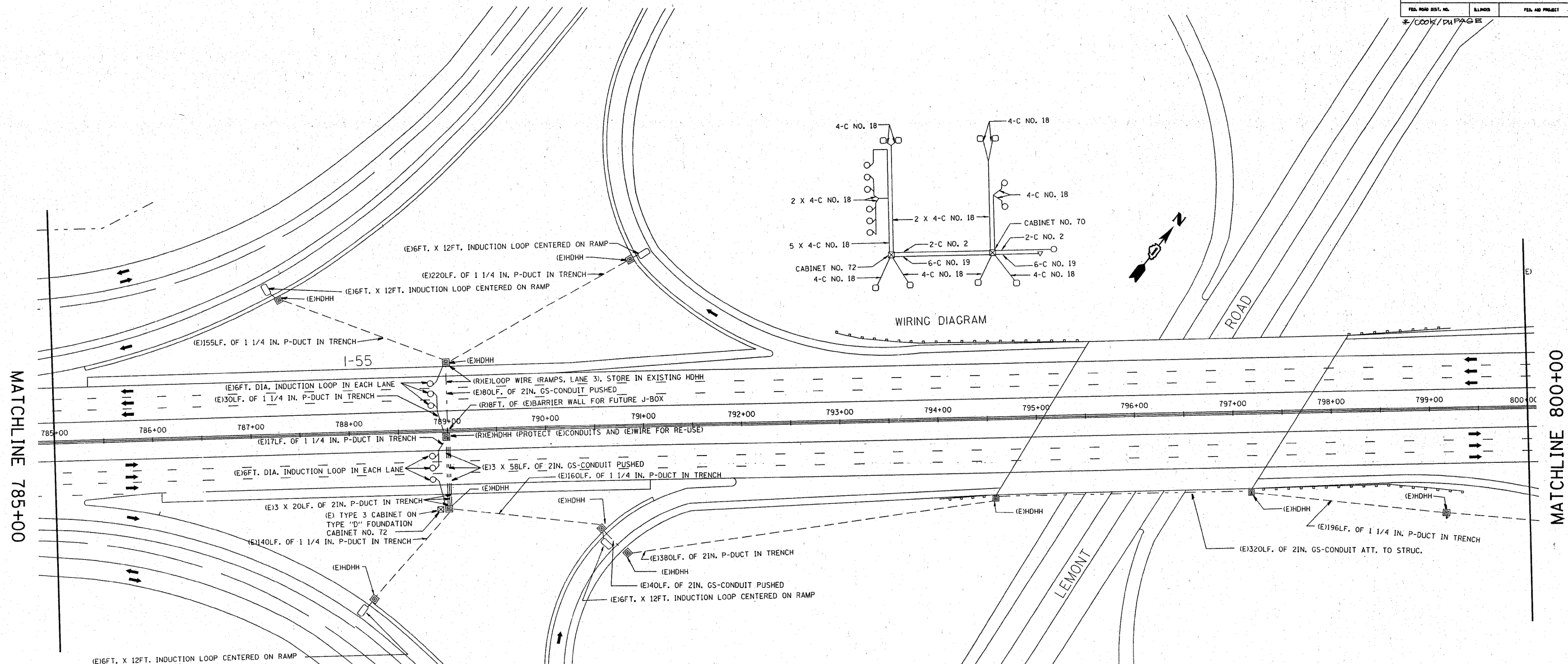
RD-C1 E:\06155R\2010_RFSTEVE.DGN
RF- STEVE.DGN

V1= 756

TRAFFIC SYSTEMS CENTER

P.L. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-070-R0	*	96	35
STA.	TO STA.			
FED. ROAD DIST. NO.	BLK/MS	FED. AID PROJECT		

* / 0001 / DU PAGE



I-55 AT LEMONT ROAD
RDWY PLAN (STA. 136+40) = TRF. SYSTEM PLAN (STA. 796+40)

SYMBOL	LEGEND
○	INDUCTION LOOP
○	ROUND INDUCTION LOOP
⊗	TSC CABINET
○	TELEPHONE SERVICE
⊕	SERVICE INSTALLATION
⊞	JUNCTION BOX
⊞	HEAVY DUTY HAND HOLE
---	POLYETHYLENE DUCT
---	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(P)	PROPOSED
(I)	INSTALL
(R)	REMOVE
P	PUSHED
T	TRENCHED

REVISIONS	
NAME	DATE
J.G.	12-94
J.G.	05-08-95
T.C.	05-31-95
J.G.	10-29-2010

EXISTING/REMOVAL

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
I-55 STEVENSON

**LEMONT ROAD INSTALLATION
WEST OF LEMONT ROAD**

SCALE: VERT. 50:1
HORIZ. 50:1
DATE 6-13-94

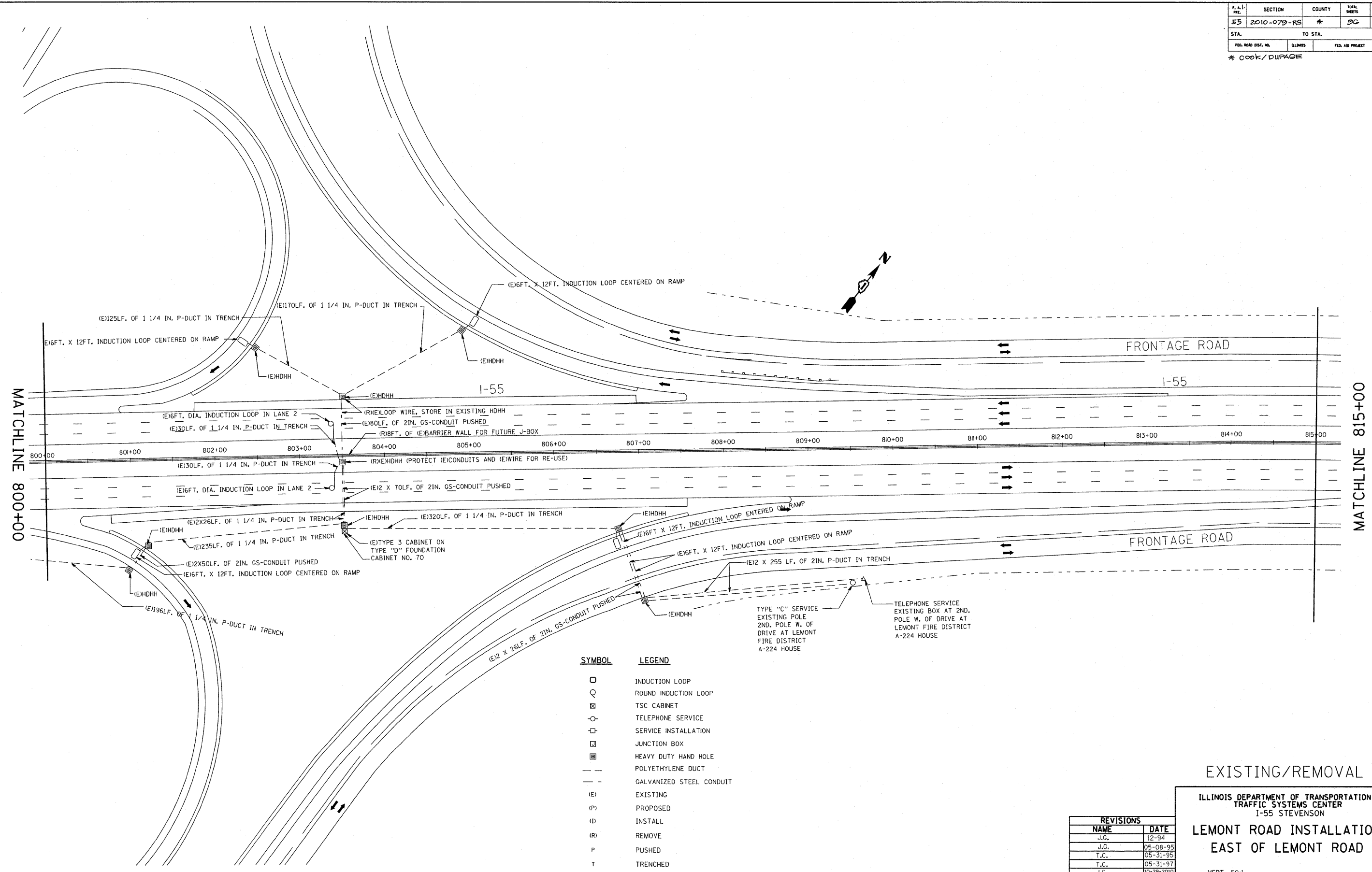
DRAWN BY G.M.
CHECKED BY J.G.

RD= C: E:\06155BUS2010 RF STEVE.DGN
RF= STEVE.DGN

VI= 785

TRAFFIC SYSTEMS CENTER

P.A.I. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-079-RS	*	90	34
STA.	TO STA.			
FED. ROAD DIST. NO.	LENGTH	FED. AID PROJECT		
* COOK/DUPAGE				



SYMBOL	LEGEND
□	INDUCTION LOOP
○	ROUND INDUCTION LOOP
⊠	TSC CABINET
⊙	TELEPHONE SERVICE
⊞	SERVICE INSTALLATION
⊠	JUNCTION BOX
⊞	HEAVY DUTY HAND HOLE
---	POLYETHYLENE DUCT
---	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(P)	PROPOSED
(I)	INSTALL
(R)	REMOVE
P	PUSHED
T	TRENCHED

TYPE "C" SERVICE EXISTING POLE 2ND. POLE W. OF DRIVE AT LEMONT FIRE DISTRICT A-224 HOUSE

TELEPHONE SERVICE EXISTING BOX AT 2ND. POLE W. OF DRIVE AT LEMONT FIRE DISTRICT A-224 HOUSE

REVISIONS	
NAME	DATE
J.G.	12-94
J.G.	05-08-95
T.C.	05-31-95
T.C.	05-31-97
J.G.	10-29-2010

EXISTING/REMOVAL

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
I-55 STEVENSON

**LEMONT ROAD INSTALLATION
EAST OF LEMONT ROAD**

SCALE: VERT. 50:1
HORIZ. 50:1
DATE 6-13-94

DRAWN BY G.M.
CHECKED BY J.G.

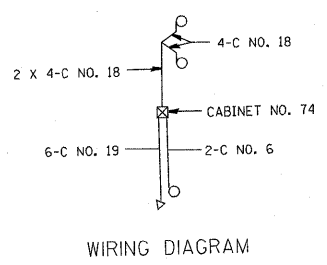
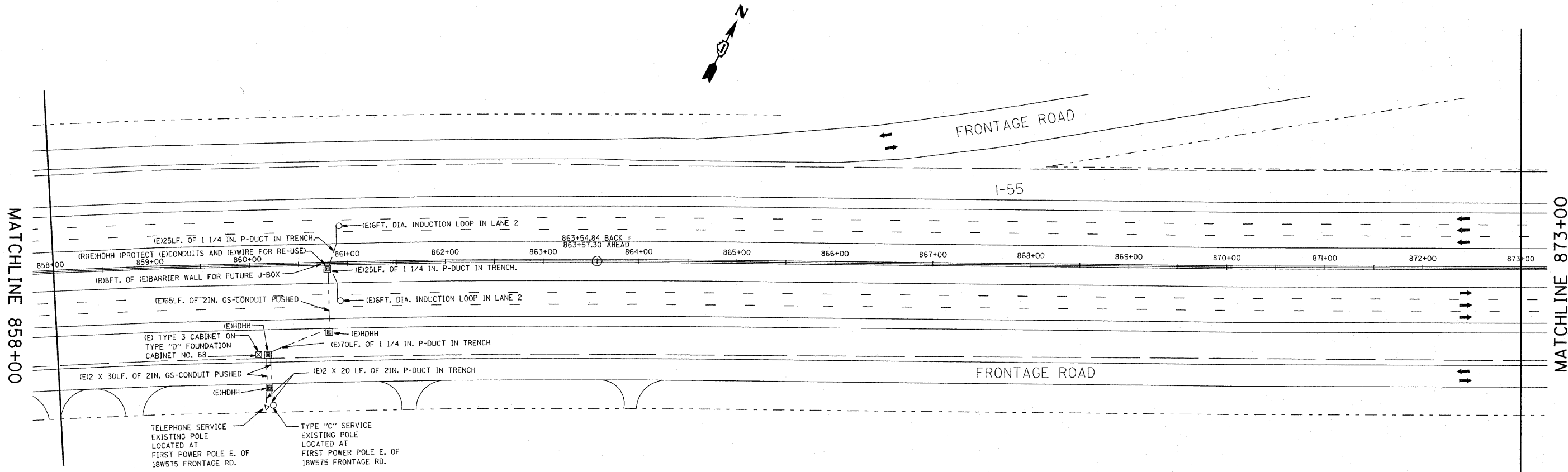
RD-C1 E:\JOE\BUS2010_RF\STEVE.DGN
RF-STEVE.DGN

V1=800

TRAFFIC SYSTEMS CENTER

P.A. I-55	SECTION 2010-079-RB	COUNTY *	TOTAL SHEETS 96	SHEET NO. 36
STA. 858+00	TO STA. 873+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* COCK / DUPAGE



SYMBOL	LEGEND
○	INDUCTION LOOP
○	ROUND INDUCTION LOOP
⊠	TSC CABINET
⊙	TELEPHONE SERVICE
⊞	SERVICE INSTALLATION
⊞	JUNCTION BOX
⊞	HEAVY DUTY HAND HOLE
---	POLYETHYLENE DUCT
---	CALVANIZED STEEL CONDUIT
(E)	EXISTING
(P)	PROPOSED
(I)	INSTALL
(R)	REMOVE
P	PUSHED
T	TRENCHED

REVISIONS	
NAME	DATE
J.G.	12-94
J.G.	05-08-95
T.C.	05-31-95
J.G.	10-29-2010

EXISTING/REMOVAL

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
1-55 STEVENSON

1 MILE WEST OF CASS AVENUE
INSTALLATION

SCALE: VERT. 50:1
HORIZ. 50:1
DATE 6-13-94

DRAWN BY G.M.
CHECKED BY J.G.

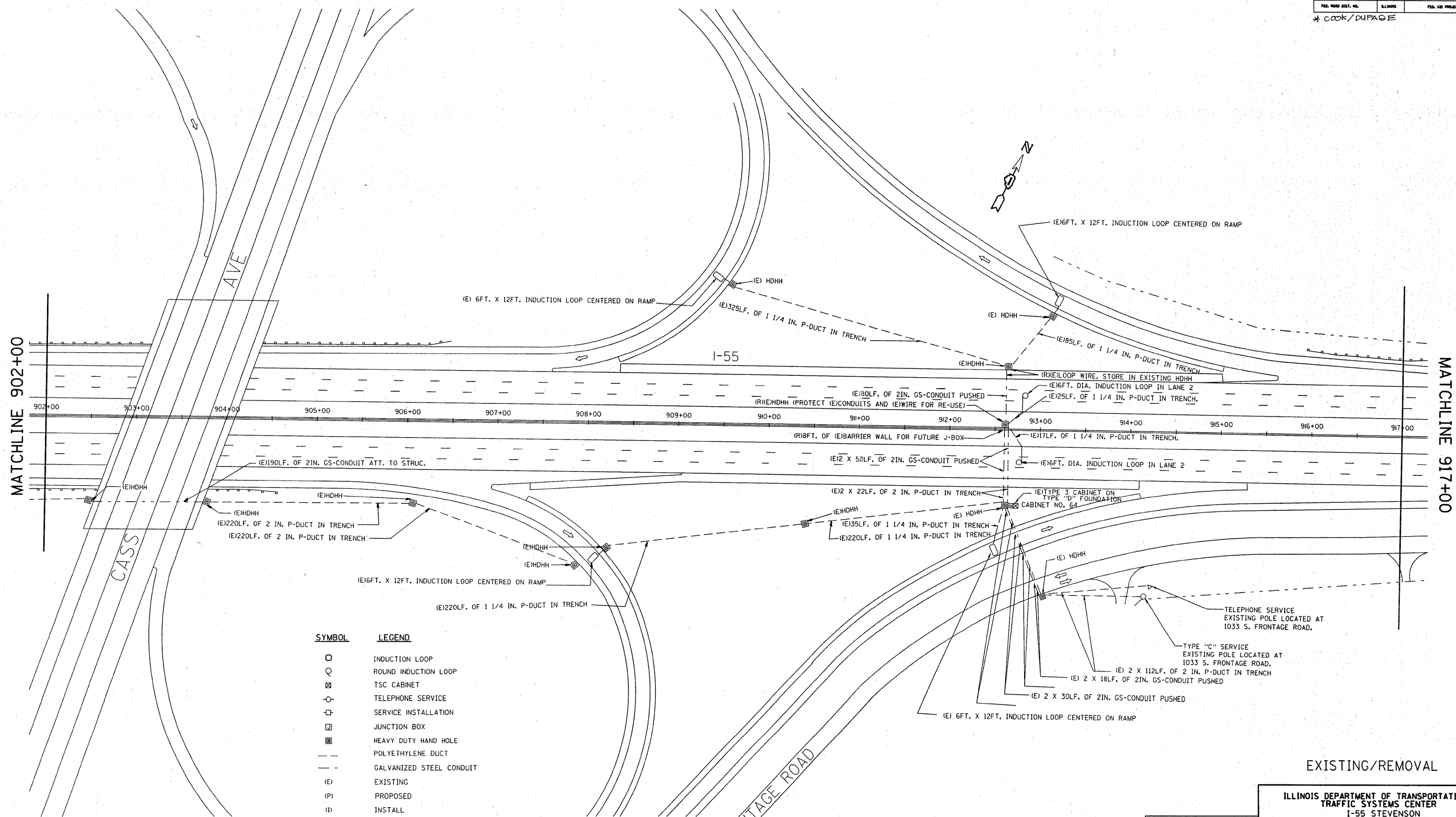
RD=C:\EJOE\B55BUS2010_RF\STEVE.DGN
RF=STEVE.DGN

VI=858

TRAFFIC SYSTEMS CENTER

F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-079-RS	*	96	38
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

* COOK/DUPAGE



SYMBOL	LEGEND
○	INDUCTION LOOP
○	ROUND INDUCTION LOOP
⊠	TSC CABINET
⊕	TELEPHONE SERVICE
⊕	SERVICE INSTALLATION
⊠	JUNCTION BOX
⊠	HEAVY DUTY HAND HOLE
---	POLYETHYLENE DUCT
---	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(P)	PROPOSED
(I)	INSTALL
(R)	REMOVE
P	PUSHED
T	TRENCHED

REVISIONS	
NAME	DATE
J.G.	12-94
J.G.	05-08-95
T.C.	05-31-95
J.G.	10-29-2010

EXISTING/REMOVAL

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TRAFFIC SYSTEMS CENTER
 I-55 STEVENSON
 EAST OF CASS AVENUE
 INSTALLATION

SCALE: VERT. 50:1
 HORIZ. 50:1
 DATE 6-14-94

DRAWN BY G.M.
 CHECKED BY J.G.

RD=C; E:\06155BUS2010_RFSTEVELDGN
 RF= STEVELDGN

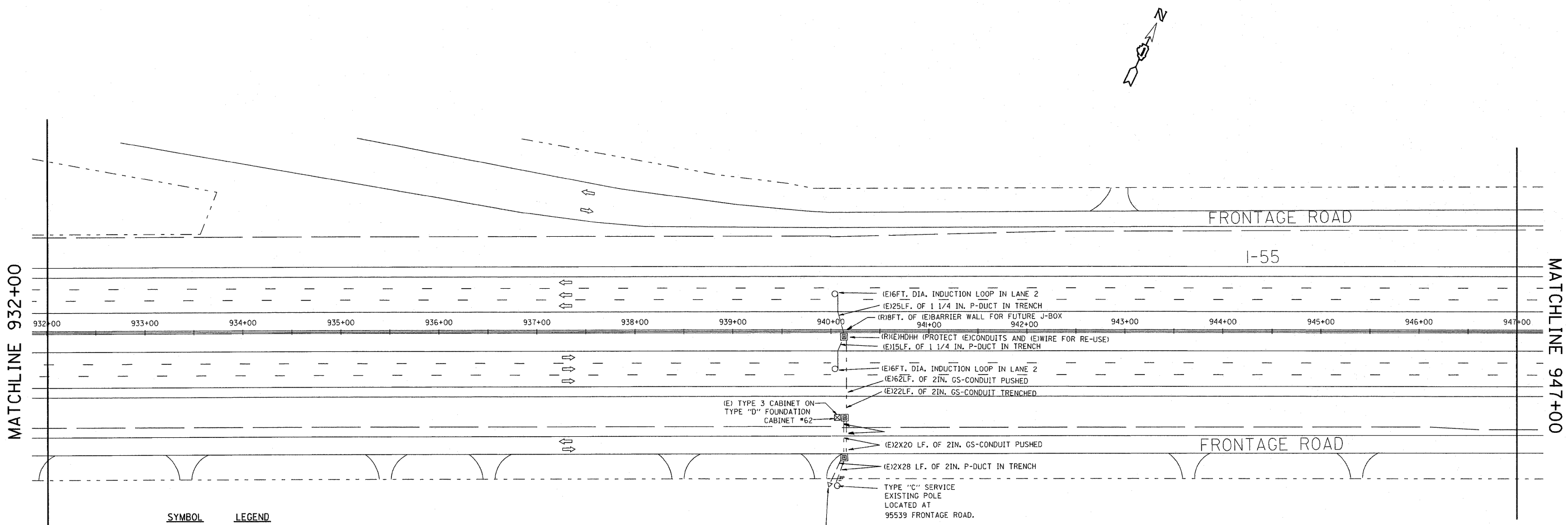
I-55 AT CASS AVENUE
 RDWY PLAN (STA. 243+40) = TRF. SYSTEM PLAN (STA. 903+40)

VI-902

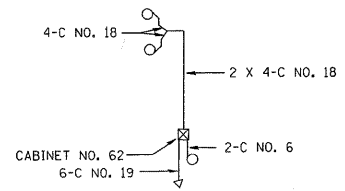
TRAFFIC SYSTEMS CENTER

P.A.I. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-079-RS	*	20	30
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* COOK / DUPAGE



SYMBOL	LEGEND
○	INDUCTION LOOP
○	ROUND INDUCTION LOOP
⊗	TSC CABINET
⊕	TELEPHONE SERVICE
⊞	SERVICE INSTALLATION
⊠	JUNCTION BOX
⊡	HEAVY DUTY HAND HOLE
---	POLYETHYLENE DUCT
---	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(P)	PROPOSED
(I)	INSTALL
(R)	REMOVE
P	PUSHED
T	TRENCHED



WIRING DIAGRAM

REVISIONS	
NAME	DATE
J.G.	12-94
J.G.	05-08-95
T.C.	05-31-95
J.G.	10-29-2010

EXISTING/REMOVAL

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
1-55 STEVENSON

**1/2 MILE WEST OF
CLARENDON HILLS ROAD
INSTALLATION**

SCALE: VERT. 50:1
HORIZ. 50:1
DATE 6-14-94

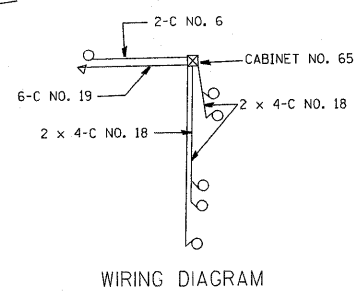
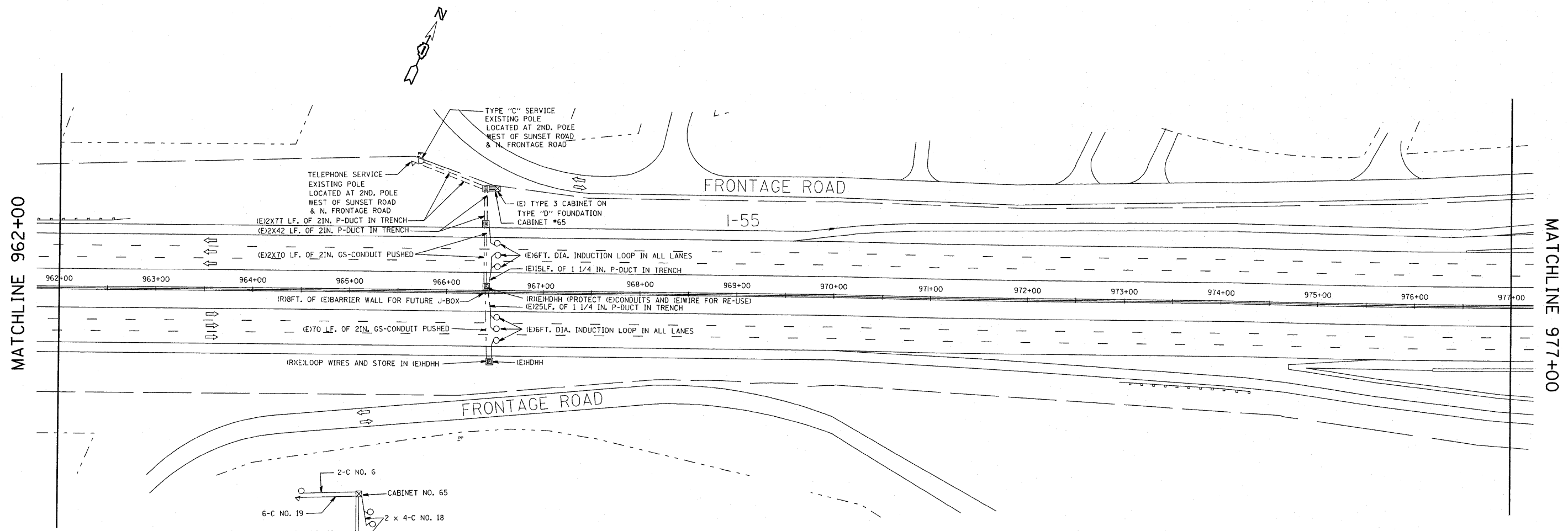
DRAWN BY G.M.
CHECKED BY J.G.

RD=C: E:\06155BUS2010 RFSTEVELDON
RF=STEVE.DGN

VI-932

F.A. I. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-079-RS	*	36	40
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* COOK / DUFAURE



SYMBOL	LEGEND
□	INDUCTION LOOP
○	ROUND INDUCTION LOOP
⊠	TSC CABINET
⊙	TELEPHONE SERVICE
⊞	SERVICE INSTALLATION
⊠	JUNCTION BOX
⊞	HEAVY DUTY HAND HOLE
---	POLYETHYLENE DUCT
---	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(P)	PROPOSED
(I)	INSTALL
(R)	REMOVE
P	PUSHED
T	TRENCHED

REVISIONS	
NAME	DATE
J.G.	12-94
J.G.	05-08-95
T.C.	05-31-95
J.G.	10-29-2010

EXISTING/REMOVAL

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
I-55 STEVENSON

**CLARENDON HILLS ROAD
INSTALLATION**

SCALE: VERT. 50:1
HORIZ. 50:1
DATE 6-14-94

DRAWN BY G.M.
CHECKED BY J.G.

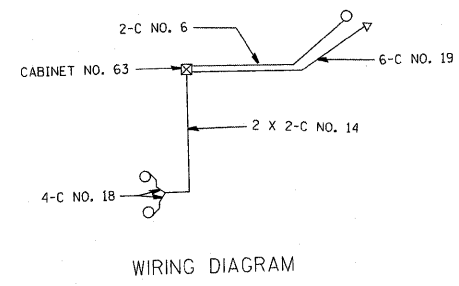
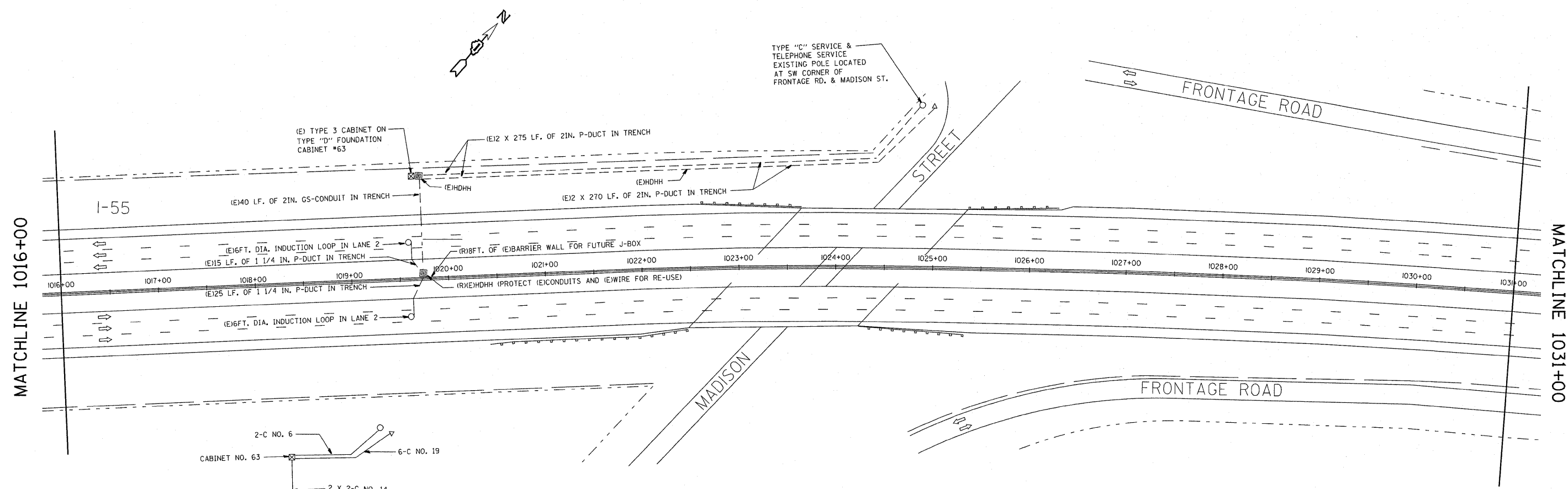
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RF=STEVELDGN

VI=962

TRAFFIC SYSTEMS CENTER

P. & I. SHEET	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-070-R5	*	90	43
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* COCK / PUPAGE



SYMBOL	LEGEND
□	INDUCTION LOOP
○	ROUND INDUCTION LOOP
⊠	TSC CABINET
○	TELEPHONE SERVICE
□	SERVICE INSTALLATION
⊠	JUNCTION BOX
⊞	HEAVY DUTY HAND HOLE
---	POLYETHYLENE DUCT
- - -	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(P)	PROPOSED
(I)	INSTALL
(R)	REMOVE
P	PUSHED
T	TRENCHED

REVISIONS	
NAME	DATE
J.G.	12-94
J.G.	05-08-95
T.C.	05-31-95
J.G.	10-29-2010

EXISTING/REMOVAL

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
1-55 STEVENSON

**MADISON STREET
INSTALLATION**

SCALE: VERT. 50:1
HORIZ. 50:1
DATE 6-15-94

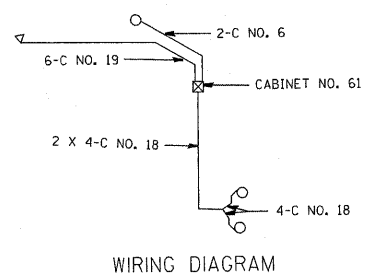
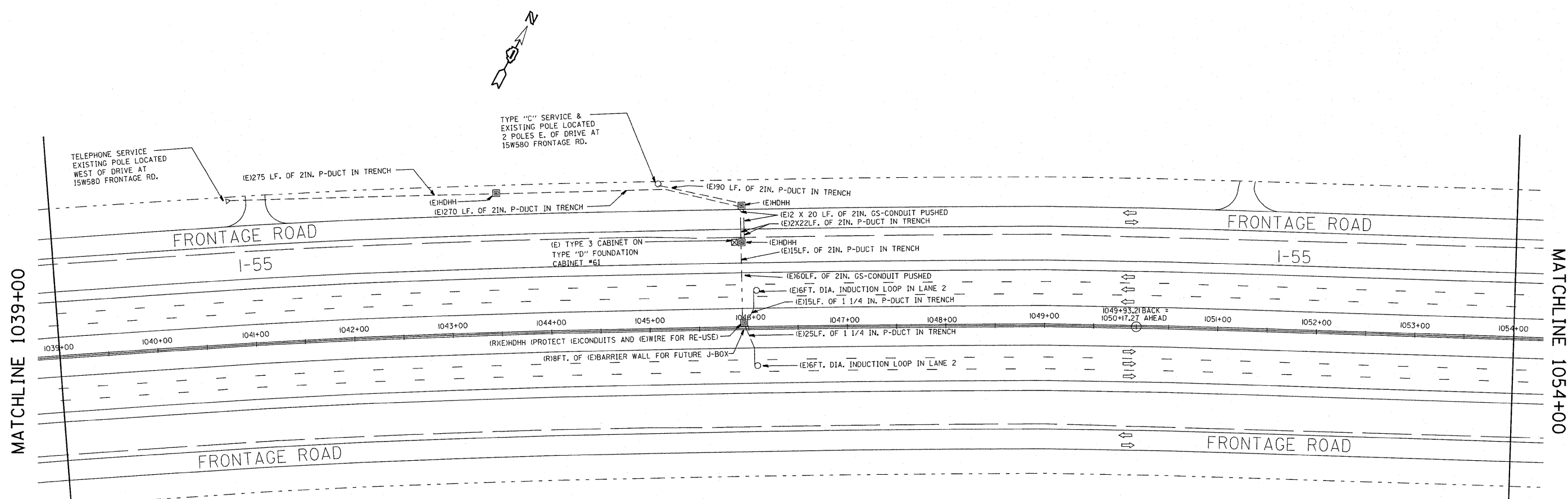
DRAWN BY G.M.
CHECKED BY J.G.

RD-C: EJOE155BUS2010 RFSSTEVE.DGN
RF=STEVE.DGN

VI=1016

TRAFFIC SYSTEMS CENTER

F.A.I. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-079-R9	*	96	44
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* COOK / DUPAGE				



SYMBOL	LEGEND
○	INDUCTION LOOP
○	ROUND INDUCTION LOOP
⊗	TSC CABINET
⊕	TELEPHONE SERVICE
⊕	SERVICE INSTALLATION
⊗	JUNCTION BOX
⊗	HEAVY DUTY HAND HOLE
---	POLYETHYLENE DUCT
---	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(P)	PROPOSED
(I)	INSTALL
(R)	REMOVE
P	PUSHED
T	TRENCHED

RD=C: E:\0159BUS2010 RF STEVELDON
RF= STEVE.DON

VI=1039

REVISIONS	
NAME	DATE
J.G.	12-94
J.G.	05-08-95
T.C.	05-31-95
J.G.	10-29-2010

EXISTING/REMOVAL

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
I-55 STEVENSON

**1 MILE WEST OF
COUNTY LINE ROAD
INSTALLATION**

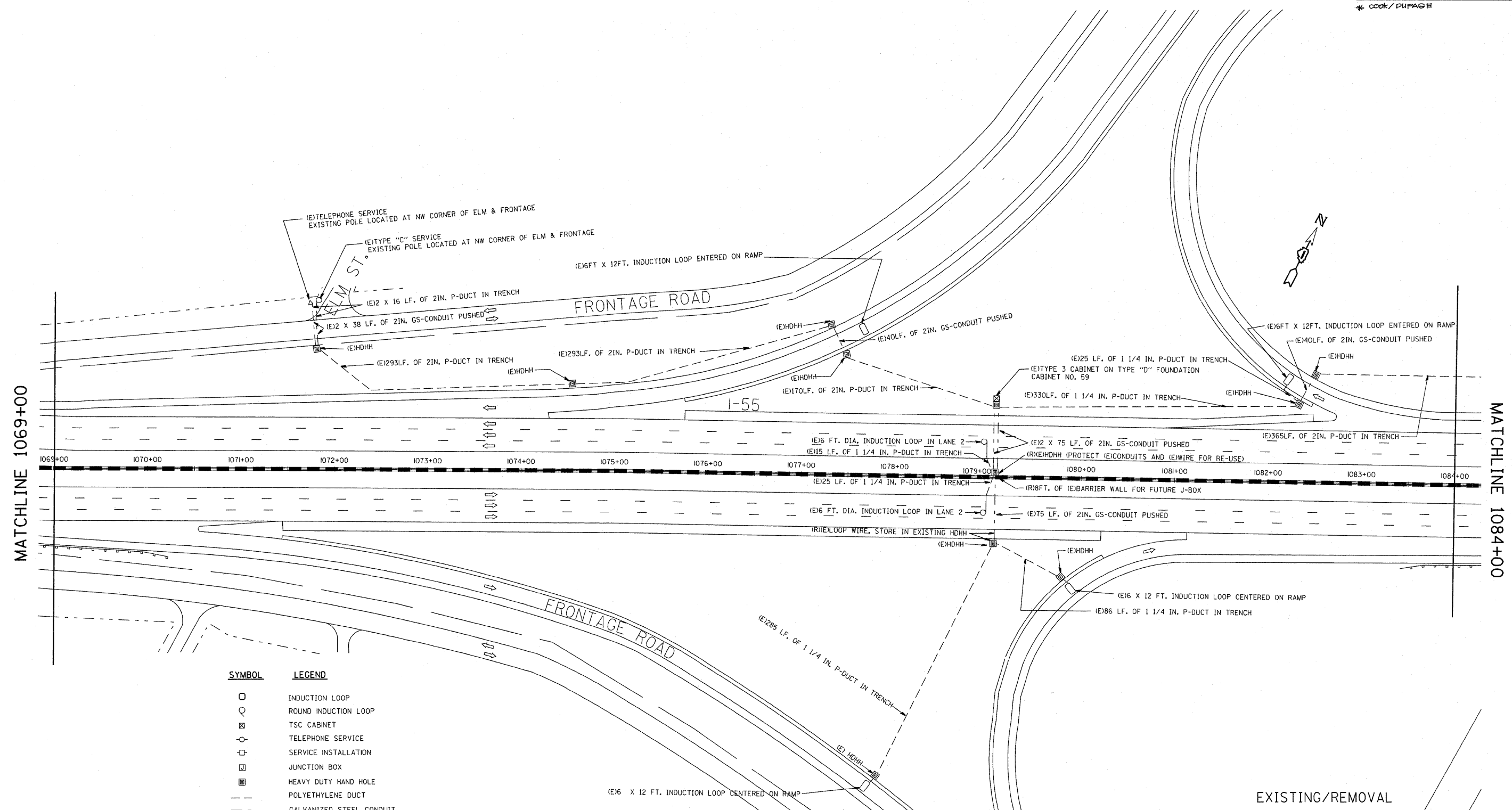
SCALE: VERT. 50:1
HORIZ. 50:1
DATE 6-15-94

DRAWN BY G.M.
CHECKED BY J.G.

TRAFFIC SYSTEMS CENTER

P.A.I. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
35	2010-079-RS	*	90	45
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* COOK / PUPAGE



MATCHLINE 1069+00

MATCHLINE 1084+00

SYMBOL	LEGEND
○	INDUCTION LOOP
○	ROUND INDUCTION LOOP
⊠	TSC CABINET
⊙	TELEPHONE SERVICE
⊞	SERVICE INSTALLATION
⊞	JUNCTION BOX
⊞	HEAVY DUTY HAND HOLE
---	POLYETHYLENE DUCT
---	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(P)	PROPOSED
(I)	INSTALL
(R)	REMOVE
(P)	PUSHED
(T)	TRENCHED

REVISIONS	
NAME	DATE
J.G.	12-94
J.G.	05-08-95
T.C.	05-31-95
J.G.	10-29-2010

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TRAFFIC SYSTEMS CENTER
 I-55 STEVENSON
**COUNTY LINE ROAD (WEST)
 INSTALLATION**

SCALE: VERT. 50:1
 HORIZ. 50:1
 DATE 6-15-94

DRAWN BY G.M.
 CHECKED BY J.G.

RD= C: E:\0155BUS2010 RFSTEVE.DGN
 RF=STEVE.DGN

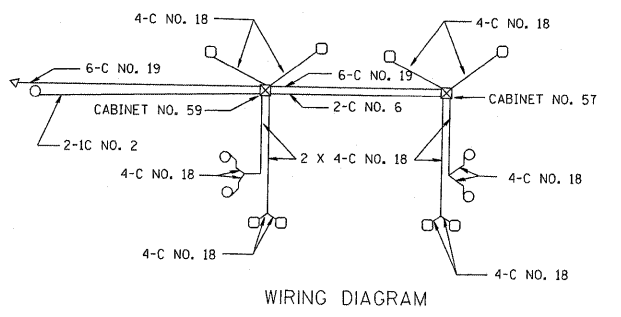
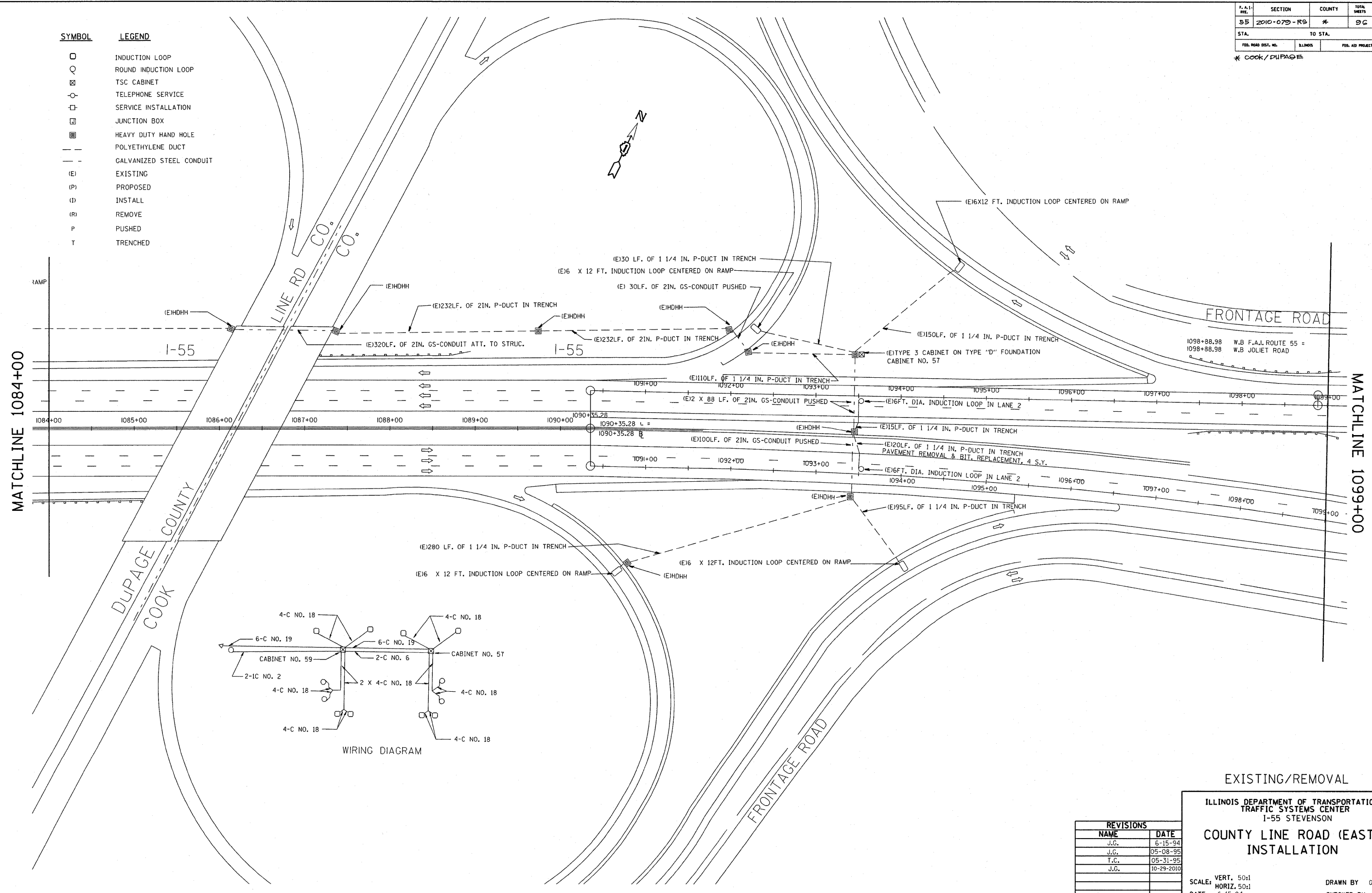
VI-1069

TRAFFIC SYSTEMS CENTER

P.A.I. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
35	2010-079-R9	*	96	46
STA.	TO STA.			
FED. ROAD DIST. NO.	LINE NO.	FED. AID PROJECT		

* COOK/DUPAGE

SYMBOL	LEGEND
□	INDUCTION LOOP
○	ROUND INDUCTION LOOP
⊗	TSC CABINET
○	TELEPHONE SERVICE
⊕	SERVICE INSTALLATION
⊞	JUNCTION BOX
■	HEAVY DUTY HAND HOLE
---	POLYETHYLENE DUCT
---	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(P)	PROPOSED
(I)	INSTALL
(R)	REMOVE
P	PUSHED
T	TRENCHED



EXISTING/REMOVAL

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
I-55 STEVENSON
**COUNTY LINE ROAD (EAST)
INSTALLATION**

REVISIONS	
NAME	DATE
J.G.	6-15-94
J.G.	05-08-95
T.C.	05-31-95
J.G.	10-29-2010

SCALE: VERT. 50:1
HORIZ. 50:1
DATE 6-15-94

DRAWN BY G.M.
CHECKED BY J.G.

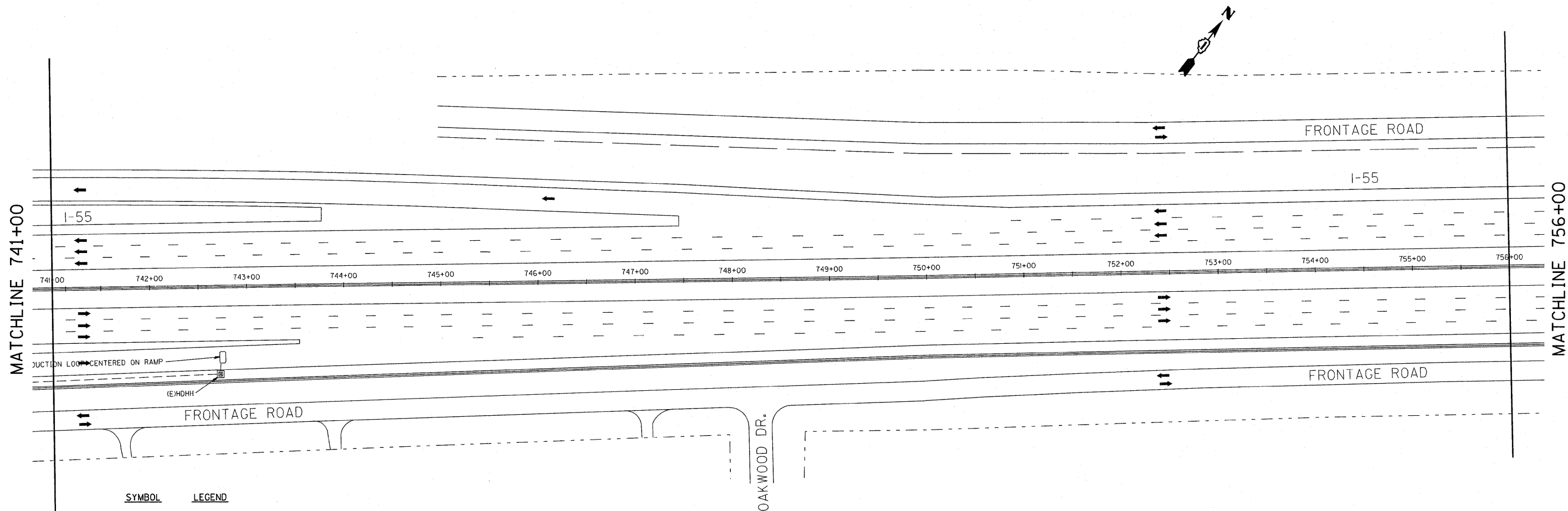
TRAFFIC SYSTEMS CENTER

RD-C1_EJ0E155BUS2010_RFSTEVE1.DGN
RF=STEVE.DGN

V1= 1084

P.A. I-55	SECTION 2010-079-R5	COUNTY #	TOTAL SHEETS 36	SHEET NO. 47
STA. 741+00	TO STA. 756+00			
FED. ROAD DIST. NO.	LENGTH	FED. AID PROJECT		

* COOK/DUPAGE



SYMBOL	LEGEND
○	INDUCTION LOOP
○	ROUND INDUCTION LOOP
⊗	TSC CABINET
○	TELEPHONE SERVICE
□	SERVICE INSTALLATION
□	JUNCTION BOX
■	HEAVY DUTY HAND HOLE
—	POLYETHYLENE DUCT
- - -	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(P)	PROPOSED
(I)	INSTALL
(R)	REMOVE
P	PUSHED
T	TRENCHED

REVISIONS	
NAME	DATE
J.G.	12-94
J.G.	05-08-95
T.C.	05-31-95
J.G.	11-03-2010

PROPOSED

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
I-55 STEVENSON

STA. 741 + 00

SCALE: VERT. 50:1
HORIZ. 50:1
DATE 6-13-94

DRAWN BY G.M.
CHECKED BY J.G.

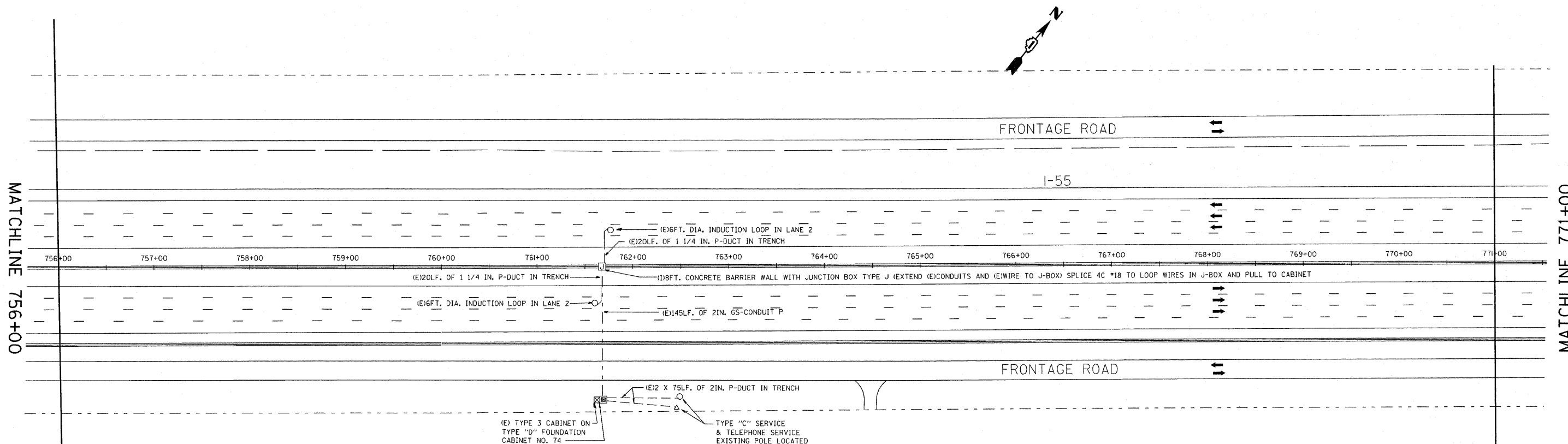
RD-C1 P JOELESBUS2010 RFSTEVE.DGN
RF=STEVE.DGN

VI= 741

TRAFFIC SYSTEMS CENTER

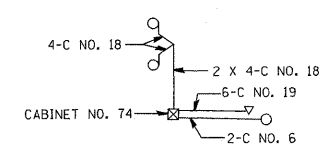
P. A. I. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-079-RS	*	90	48
STA.	TO STA.			
FED. ROAD DIST. NO.	MILES	FED. AID PROJECT		

* COOK/DUPAGE



MATCHLINE 756+00

MATCHLINE 771+00



WIRING DIAGRAM

SYMBOL	LEGEND
○	INDUCTION LOOP
○	ROUND INDUCTION LOOP
⊠	TSC CABINET
○	TELEPHONE SERVICE
⊠	SERVICE INSTALLATION
⊠	JUNCTION BOX
⊠	HEAVY DUTY HAND HOLE
---	POLYETHYLENE DUCT
---	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(P)	PROPOSED
(I)	INSTALL
(R)	REMOVE
P	PUSHED
T	TRENCHED

PROPOSED

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
I-55 STEVENSON

1/2 WEST MILE OF LEMONT ROAD

REVISIONS	
NAME	DATE
J.G.	12-94
J.G.	05-08-95
T.C.	05-31-95
J.G.	11-03-2010

SCALE: VERT. 50:1
HORIZ. 50:1
DATE 6-13-94

DRAWN BY G.M.
CHECKED BY J.G.

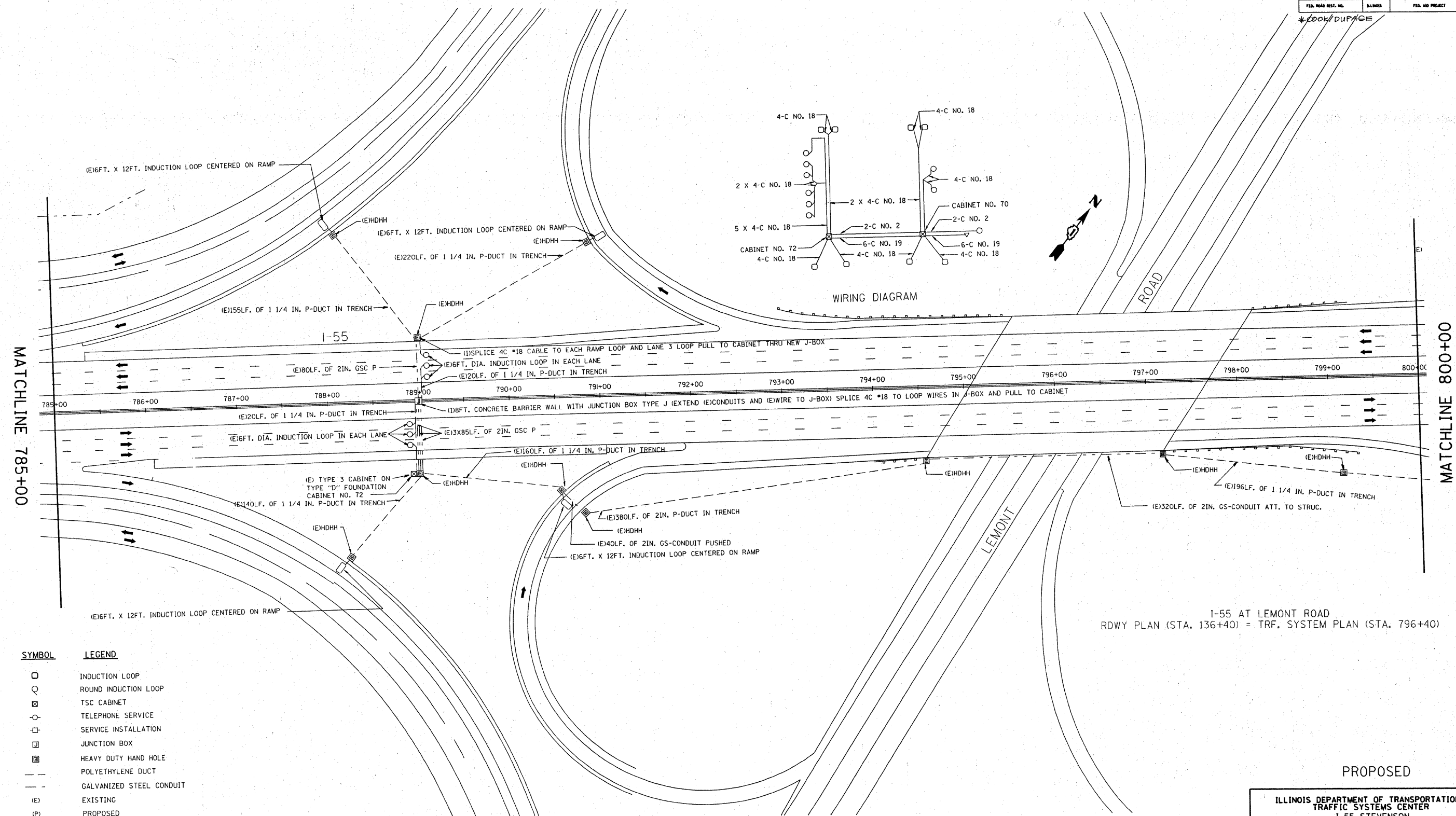
TRAFFIC SYSTEMS CENTER

RD-C1 P JOEIEBUBUS2010 RFSTEVE.DGN
RF STEVE.DGN

VI= 756

K.A.I. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-079-R5	*	26	49
STA.	TO STA.			
FED. ROAD DIST. NO.	BLK/MS	FED. AID PROJECT		

*LOOK/DUPAGE



SYMBOL	LEGEND
○	INDUCTION LOOP
○	ROUND INDUCTION LOOP
⊗	TSC CABINET
⊙	TELEPHONE SERVICE
⊕	SERVICE INSTALLATION
⊞	JUNCTION BOX
⊟	HEAVY DUTY HAND HOLE
---	POLYETHYLENE DUCT
---	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(P)	PROPOSED
(I)	INSTALL
(R)	REMOVE
P	PUSHED
T	TRENCHED

I-55 AT LEMONT ROAD
RDWY PLAN (STA. 136+40) = TRF. SYSTEM PLAN (STA. 796+40)

PROPOSED

REVISIONS	
NAME	DATE
J.G.	12-94
J.G.	05-08-95
T.C.	05-31-95
J.G.	11-03-2010

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
1-55 STEVENSON

**LEMONT ROAD INSTALLATION
WEST OF LEMONT ROAD**

SCALE: VERT. 50:1
HORIZ. 50:1
DATE 6-13-94

DRAWN BY G.M.
CHECKED BY J.G.

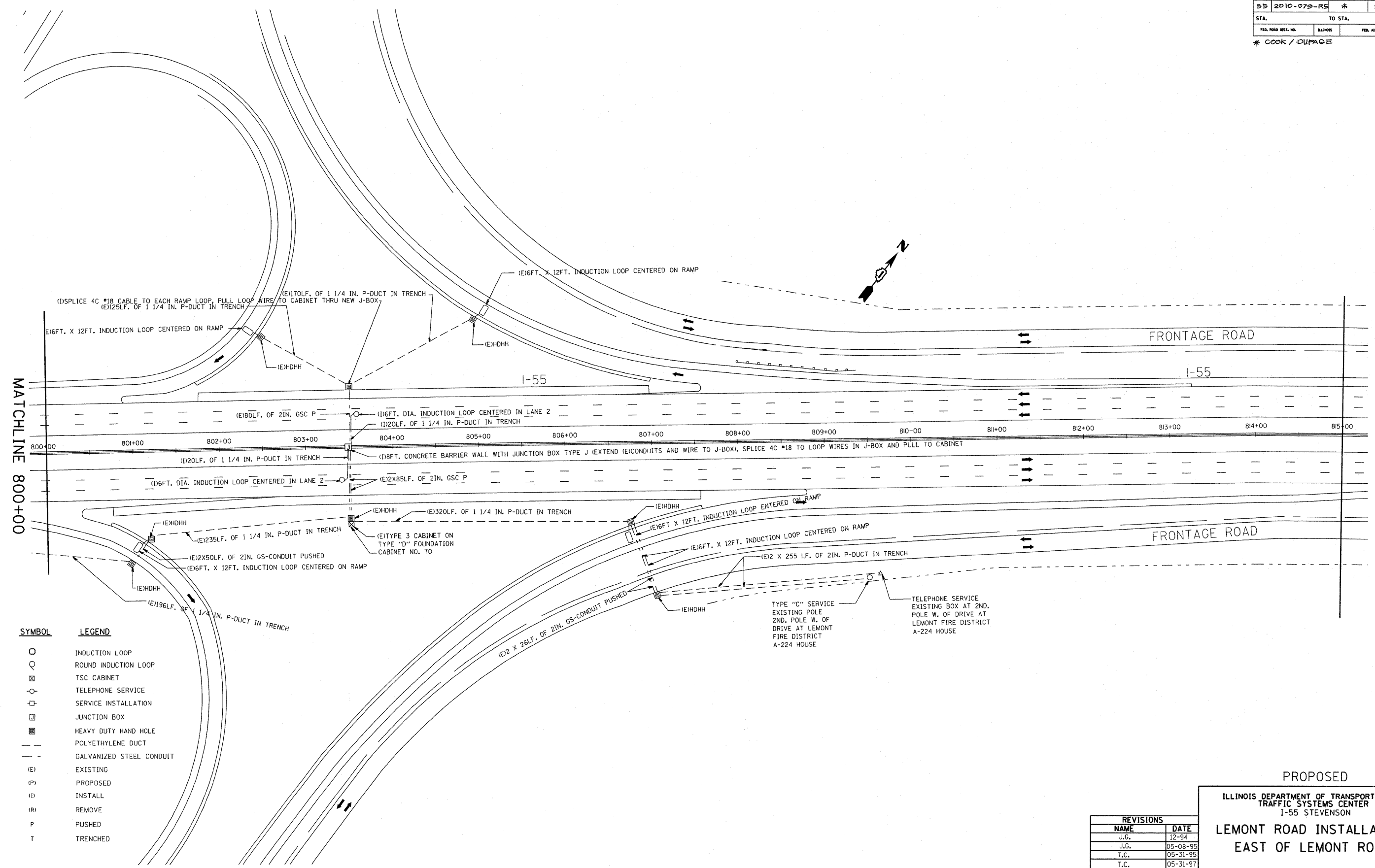
RD=C:\P\06155BUS2010\REFSTEVE.DGN
RF=STEVE.DGN

VI=785

TRAFFIC SYSTEMS CENTER

P.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-078-R5	*	56	50
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* COOK / DU PAGE



SYMBOL	LEGEND
○	INDUCTION LOOP
○	ROUND INDUCTION LOOP
⊠	TSC CABINET
○	TELEPHONE SERVICE
⊠	SERVICE INSTALLATION
⊠	JUNCTION BOX
■	HEAVY DUTY HAND HOLE
---	POLYETHYLENE DUCT
---	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(P)	PROPOSED
(I)	INSTALL
(R)	REMOVE
P	PUSHED
T	TRENCHED

REVISIONS	
NAME	DATE
J.G.	12-94
J.G.	05-08-95
T.C.	05-31-95
T.C.	05-31-97
J.G.	11-03-2010

PROPOSED
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 TRAFFIC SYSTEMS CENTER
 I-55 STEVENSON
**LEMONT ROAD INSTALLATION
 EAST OF LEMONT ROAD**

SCALE: VERT. 50:1
 HORIZ. 50:1
 DATE 6-13-94

DRAWN BY G.M.
 CHECKED BY J.G.

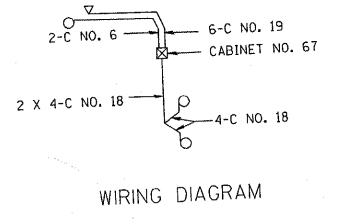
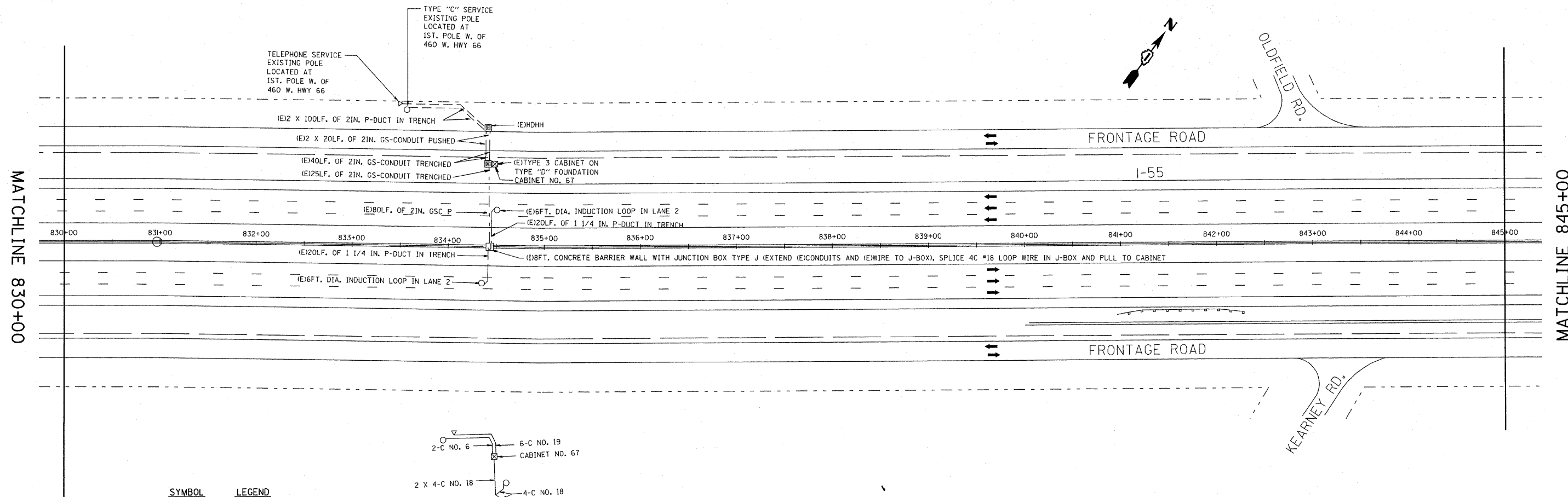
RD-C1 P:\06155BUS2010 RFSTEVE.DGN
 RF=STEVE.DGN

VI-800

TRAFFIC SYSTEMS CENTER

F. A. I. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-079-R5	*	96	51
STA. TO STA.		FED. ROAD DIST. NO.		
		MILES		
		FED. AID PROJECT		

* Cook / DUFACE



SYMBOL	LEGEND
○	INDUCTION LOOP
○	ROUND INDUCTION LOOP
⊠	TSC CABINET
○	TELEPHONE SERVICE
□	SERVICE INSTALLATION
⊠	JUNCTION BOX
⊠	HEAVY DUTY HAND HOLE
---	POLYETHYLENE DUCT
---	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(P)	PROPOSED
(I)	INSTALL
(R)	REMOVE
P	PUSHED
T	TRENCHED

REVISIONS	
NAME	DATE
J.G.	12-94
J.G.	05-08-95
T.C.	05-31-95
J.G.	11-03-2010

PROPOSED

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
I-55 STEVENSON

1/2 MILE EAST OF LEMONT ROAD

SCALE: VERT. 50:1
DATE 6-13-94

DRAWN BY G.M.
CHECKED BY J.G.

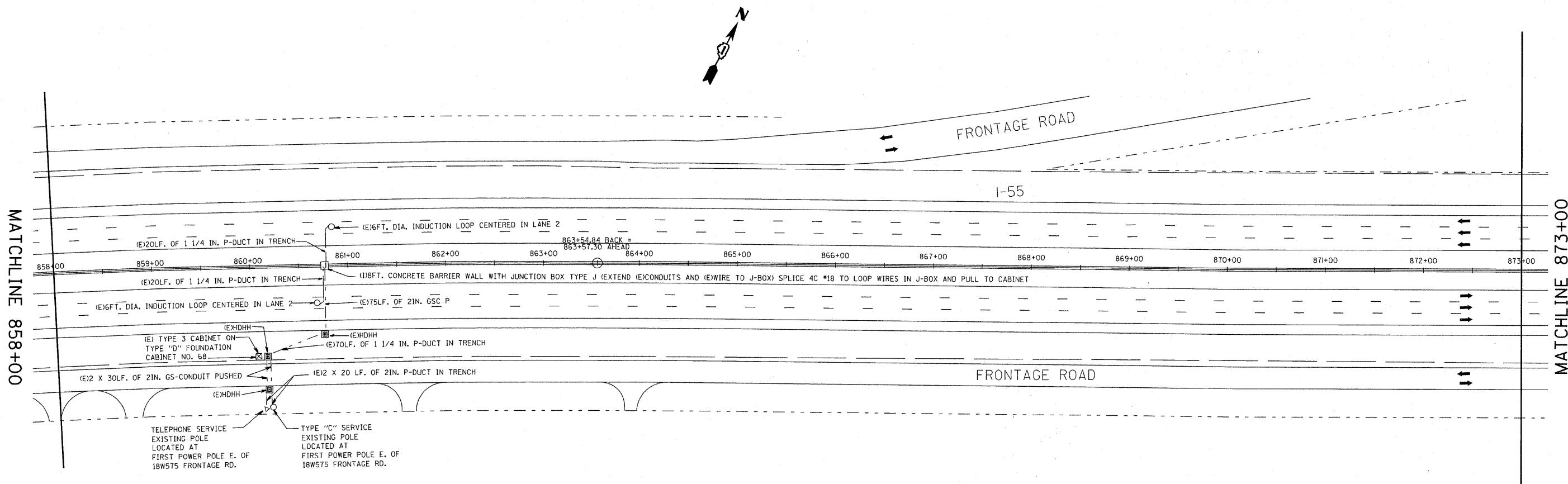
RD-C, P, JOE15B52010, RFS15VEJ.DGN
RF=STEVEJ.DGN

VI-830

TRAFFIC SYSTEMS CENTER

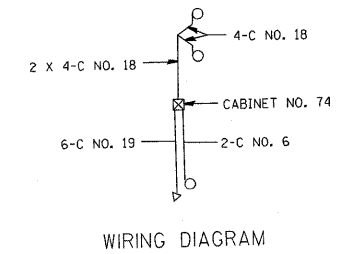
F. A. I. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	2010-079-RS	*	96	52
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* COOK/DUPAGE



TELEPHONE SERVICE EXISTING POLE LOCATED AT FIRST POWER POLE E. OF 18W575 FRONTAGE RD.

TYPE "C" SERVICE EXISTING POLE LOCATED AT FIRST POWER POLE E. OF 18W575 FRONTAGE RD.



SYMBOL	LEGEND
○	INDUCTION LOOP
⊙	ROUND INDUCTION LOOP
⊠	TSC CABINET
⊖	TELEPHONE SERVICE
⊕	SERVICE INSTALLATION
⊞	JUNCTION BOX
⊟	HEAVY DUTY HAND HOLE
---	POLYETHYLENE DUCT
- - -	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(P)	PROPOSED
(I)	INSTALL
(R)	REMOVE
P	PUSHED
T	TRENCHED

REVISIONS	
NAME	DATE
J.G.	12-94
J.G.	05-08-95
T.C.	05-31-95
J.G.	11-03-2010

PROPOSED

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
I-55 STEVENSON

1 MILE WEST OF CASS AVENUE
INSTALLATION

SCALE: VERT. 50:1
HORIZ. 50:1
DATE 6-13-94

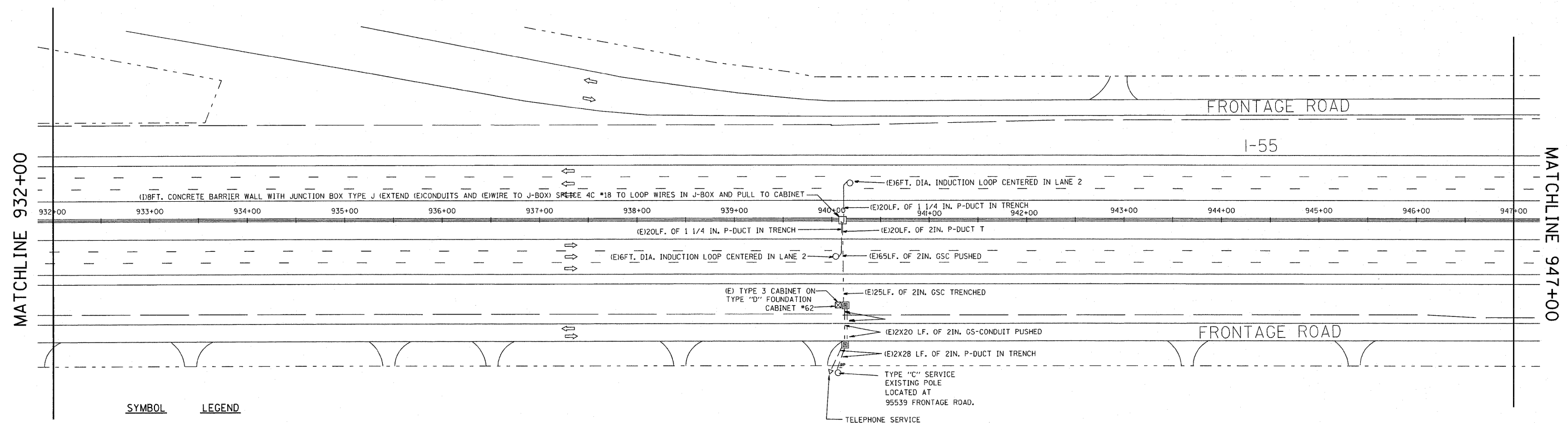
DRAWN BY G.M.
CHECKED BY J.G.

RD-C, P. J0E15B5J2010_RFSTEVE.DGN
RF=STEVE.DGN

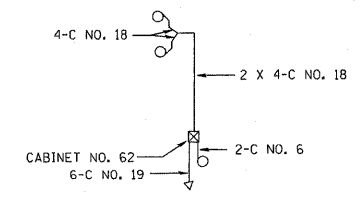
VI=858

TRAFFIC SYSTEMS CENTER

P. A. I. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-070-RS	*	90	55
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* COOK / DUPAGE				



SYMBOL	LEGEND
○	INDUCTION LOOP
○	ROUND INDUCTION LOOP
⊠	TSC CABINET
○	TELEPHONE SERVICE
□	SERVICE INSTALLATION
⊠	JUNCTION BOX
⊠	HEAVY DUTY HAND HOLE
---	POLYETHYLENE DUCT
---	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(P)	PROPOSED
(I)	INSTALL
(R)	REMOVE
P	PUSHED
T	TRENCHED



WIRING DIAGRAM

REVISIONS	
NAME	DATE
J.G.	12-94
J.G.	05-08-95
T.C.	05-31-95
J.G.	11-03-2010

PROPOSED

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
1-55 STEVENSON

**1/2 MILE WEST OF
CLARENDON HILLS ROAD
INSTALLATION**

SCALE: VERT. 50:1
HORIZ. 50:1
DATE 6-14-94

DRAWN BY G.M.
CHECKED BY J.G.

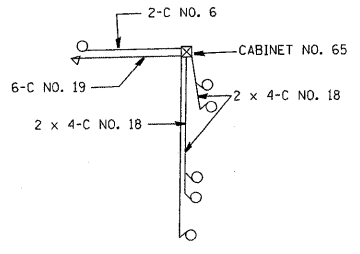
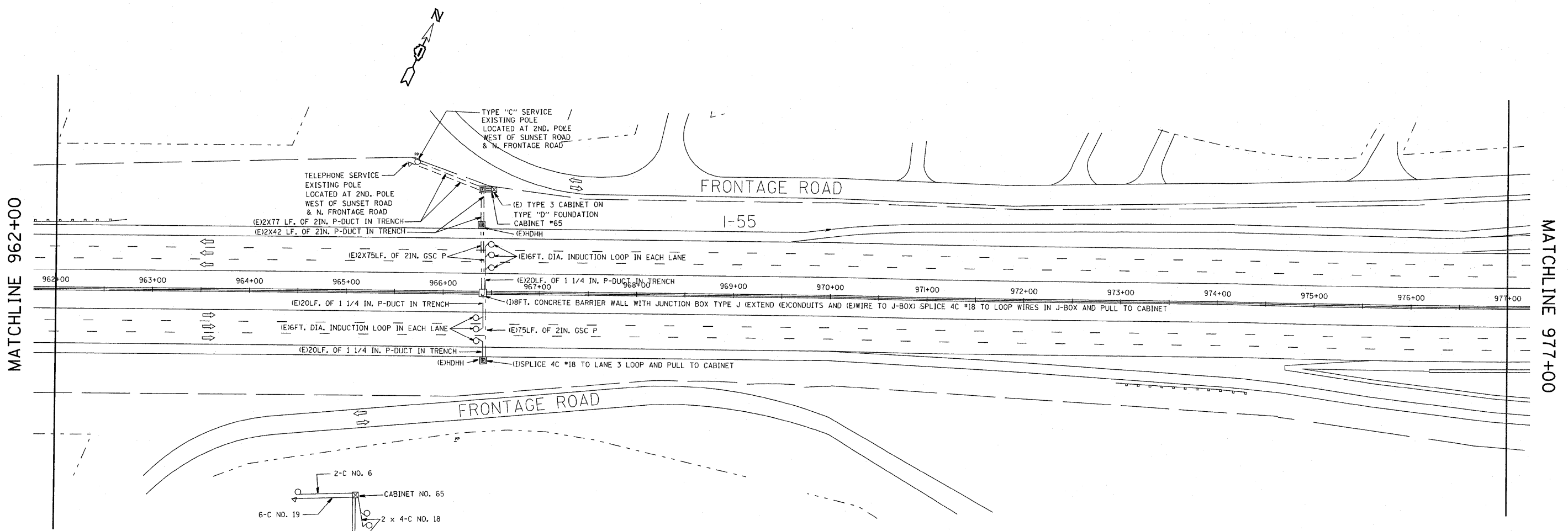
RD-C: P:\05158\BUS2010_RF\STEVE1.DGN
RF=STEVE.DGN

VI-932

TRAFFIC SYSTEMS CENTER

P. A. F. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-079-R9	*	96	56
STA.	TO STA.			
FED. ROAD DIST. NO.	LENGTH	FED. AID PROJECT		

* COCK / DUFACE



WIRING DIAGRAM

SYMBOL	LEGEND
□	INDUCTION LOOP
○	ROUND INDUCTION LOOP
⊗	TSC CABINET
○	TELEPHONE SERVICE
⊠	SERVICE INSTALLATION
⊞	JUNCTION BOX
⊞	HEAVY DUTY HAND HOLE
---	POLYETHYLENE DUCT
---	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(P)	PROPOSED
(I)	INSTALL
(R)	REMOVE
P	PUSHED
T	TRENCHED

REVISIONS	
NAME	DATE
J.G.	12-94
J.G.	05-08-95
T.C.	05-31-95
J.G.	11-03-2010

PROPOSED

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
I-55 STEVENSON

**CLARENDON HILLS ROAD
INSTALLATION**

SCALE: VERT. 50:1
DATE 6-14-94

DRAWN BY G.M.
CHECKED BY J.G.

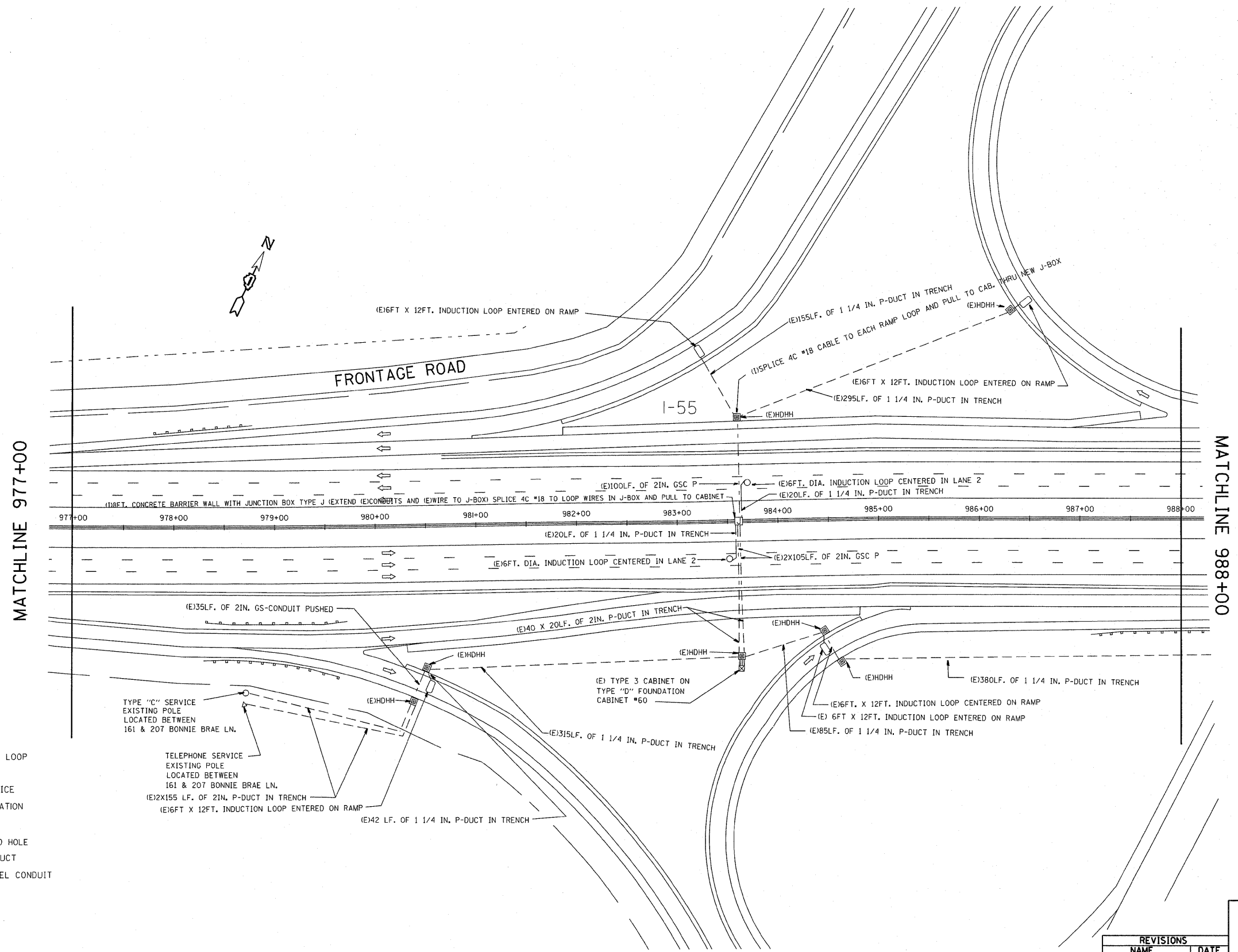
RD-C, P. JOEISEBUS2010 RFSTEVELDGN
RF-STEVELDGN

VI=962

TRAFFIC SYSTEMS CENTER

P. A. I. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B5	2010-079-R5	*	96	57
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* COOK / DUPAGE



SYMBOL	LEGEND
○	INDUCTION LOOP
○	ROUND INDUCTION LOOP
⊗	TSC CABINET
○	TELEPHONE SERVICE
⊕	SERVICE INSTALLATION
⊠	JUNCTION BOX
⊞	HEAVY DUTY HAND HOLE
---	POLYETHYLENE DUCT
---	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(P)	PROPOSED
(I)	INSTALL
(R)	REMOVE
P	PUSHED
T	TRENCHED

TYPE "C" SERVICE EXISTING POLE LOCATED BETWEEN 161 & 207 BONNIE BRAE LN.

TELEPHONE SERVICE EXISTING POLE LOCATED BETWEEN 161 & 207 BONNIE BRAE LN.

REVISIONS	
NAME	DATE
J.C.	12-94
J.C.	05-08-95
T.C.	05-31-95
J.C.	11-03-2010

PROPOSED

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
I-55 STEVENSON

ILLINOIS ROUTE 83 (WEST)
INSTALLATION

SCALE: VERT. 50:1
HORIZ. 50:1
DATE 6-14-94

DRAWN BY G.M.
CHECKED BY J.C.

RD-C1_PJ0E155BUS2010_RFSTEVELDGN
RF-STEVELDGN

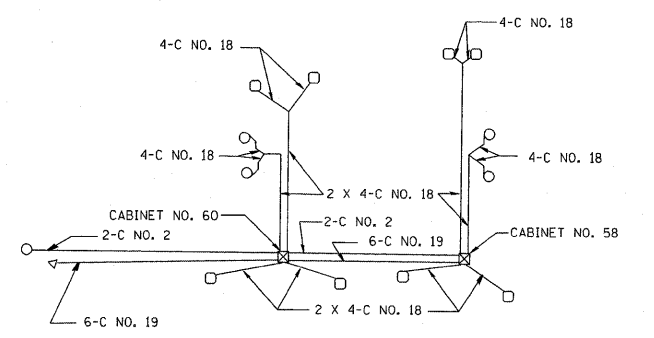
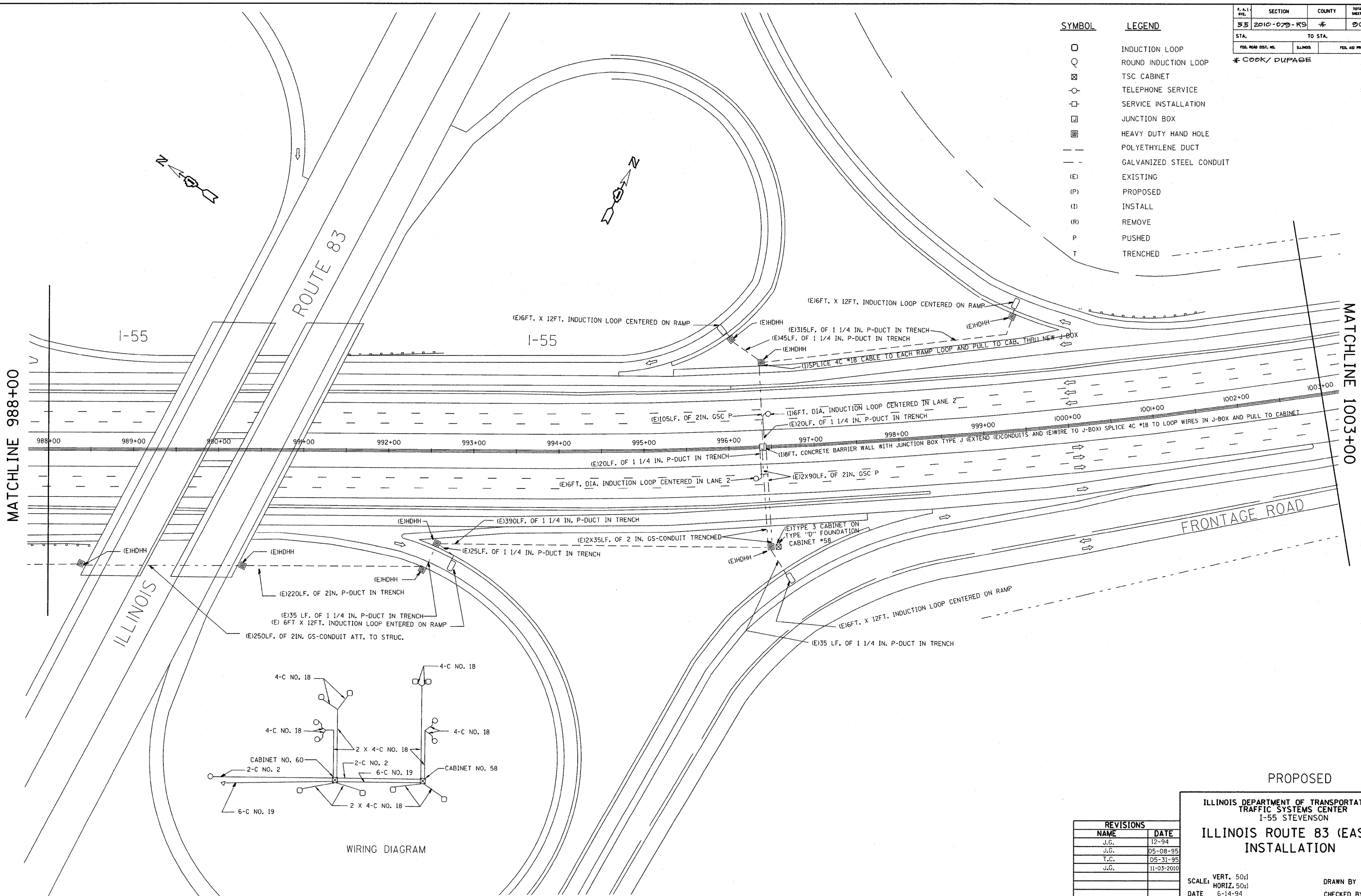
VI-977

TRAFFIC SYSTEMS CENTER

F.A.I. SHE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-070-K9	*	06	58
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SYMBOL	LEGEND
○	INDUCTION LOOP
○	ROUND INDUCTION LOOP
⊠	TSC CABINET
⊖	TELEPHONE SERVICE
⊞	SERVICE INSTALLATION
⊞	JUNCTION BOX
⊞	HEAVY DUTY HAND HOLE
---	POLYETHYLENE DUCT
---	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(P)	PROPOSED
(I)	INSTALL
(R)	REMOVE
P	PUSHED
T	TRENCHED

* COOK / DUPAGE



REVISIONS	
NAME	DATE
J.G.	12-94
J.G.	05-08-95
T.C.	05-31-95
J.G.	11-03-2010

PROPOSED

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
I-55 STEVENSON

**ILLINOIS ROUTE 83 (EAST)
INSTALLATION**

SCALE: VERT. 50:1
HORIZ. 50:1
DATE 6-14-94

DRAWN BY G.M.
CHECKED BY J.C.

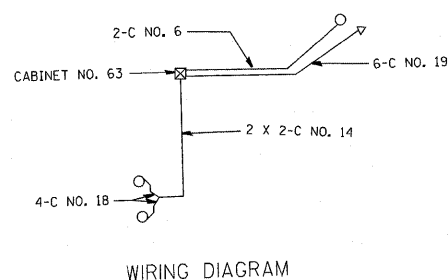
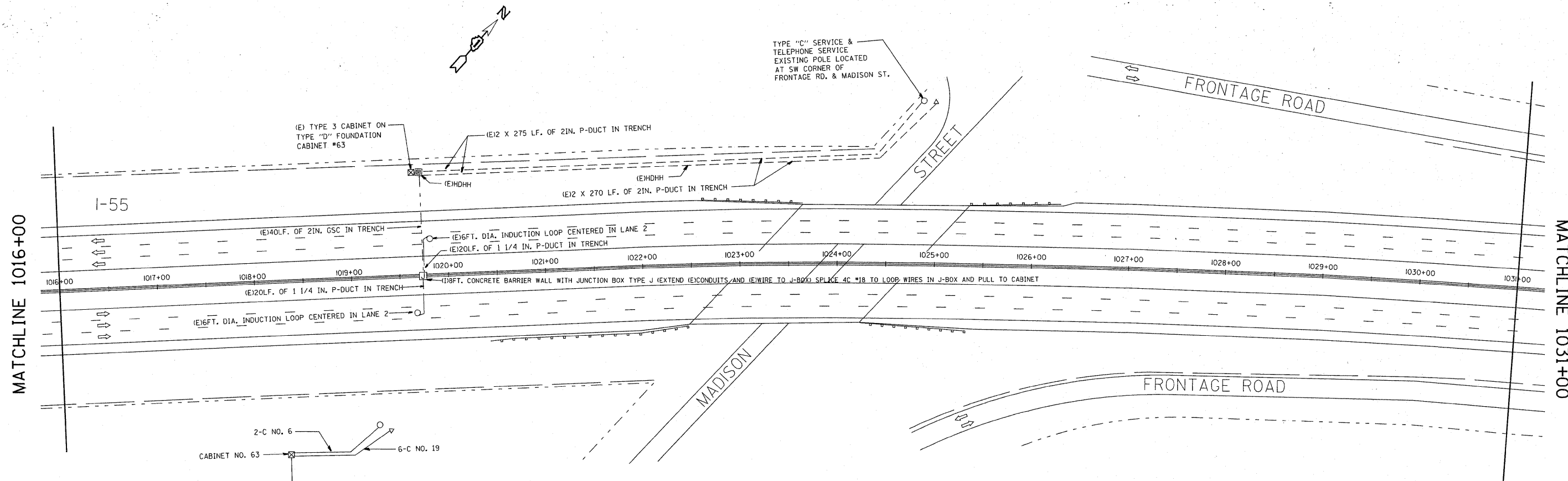
RD-C, P. JOEIBUS2010, RFSTEVELDGN
RF-STEVELDGN

VI-988

TRAFFIC SYSTEMS CENTER

F.A.I. SHEET	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-079-RS	*	90	59
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* COOK / PUPAGE



SYMBOL	LEGEND
□	INDUCTION LOOP
○	ROUND INDUCTION LOOP
⊠	TSC CABINET
⊙	TELEPHONE SERVICE
⊞	SERVICE INSTALLATION
⊠	JUNCTION BOX
⊞	HEAVY DUTY HAND HOLE
—	POLYETHYLENE DUCT
- - -	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(P)	PROPOSED
(I)	INSTALL
(R)	REMOVE
P	PUSHED
T	TRENCHED

REVISIONS	
NAME	DATE
J.G.	12-94
J.G.	05-08-95
T.C.	05-31-95
J.G.	11-03-2010

PROPOSED

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
I-55 STEVENSON

**MADISON STREET
INSTALLATION**

SCALE: VERT. 50:1
HORIZ. 50:1
DATE 6-15-94

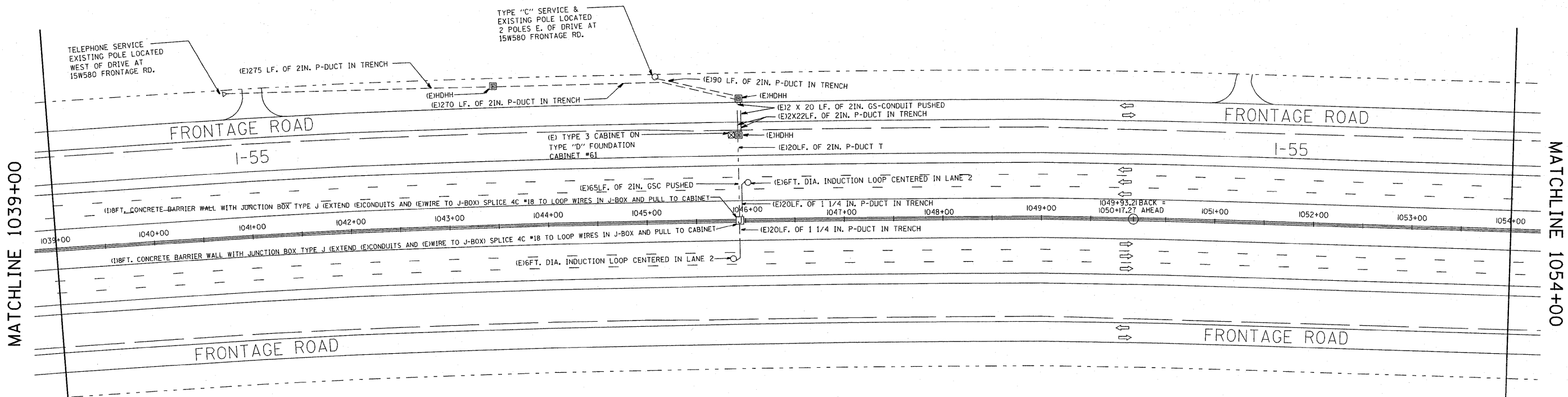
DRAWN BY G.M.
CHECKED BY J.G.

RD= G. PAOELI55BUS2010 RF=STEVEJDN
RF= STEVEJDN

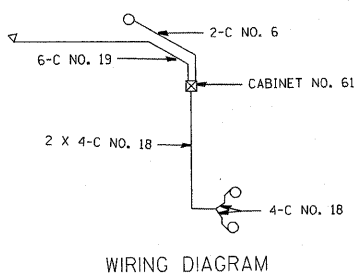
V1=1016

TRAFFIC SYSTEMS CENTER

F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-079-K9	*	96	60
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* COOK/DUPAGE				



SYMBOL	LEGEND
○	INDUCTION LOOP
○	ROUND INDUCTION LOOP
⊗	TSC CABINET
○	TELEPHONE SERVICE
□	SERVICE INSTALLATION
⊠	JUNCTION BOX
■	HEAVY DUTY HAND HOLE
---	POLYETHYLENE DUCT
- - -	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(P)	PROPOSED
(I)	INSTALL
(R)	REMOVE
P	PUSHED
T	TRENCHED



PROPOSED

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
I-55 STEVENSON
1 MILE WEST OF
COUNTY LINE ROAD
INSTALLATION

REVISIONS	
NAME	DATE
J.G.	12-94
J.G.	05-08-95
T.C.	05-31-95
J.G.	11-03-2010

SCALE: VERT. 50:1
HORIZ. 50:1
DATE 6-15-94
DRAWN BY G.M.
CHECKED BY J.G.

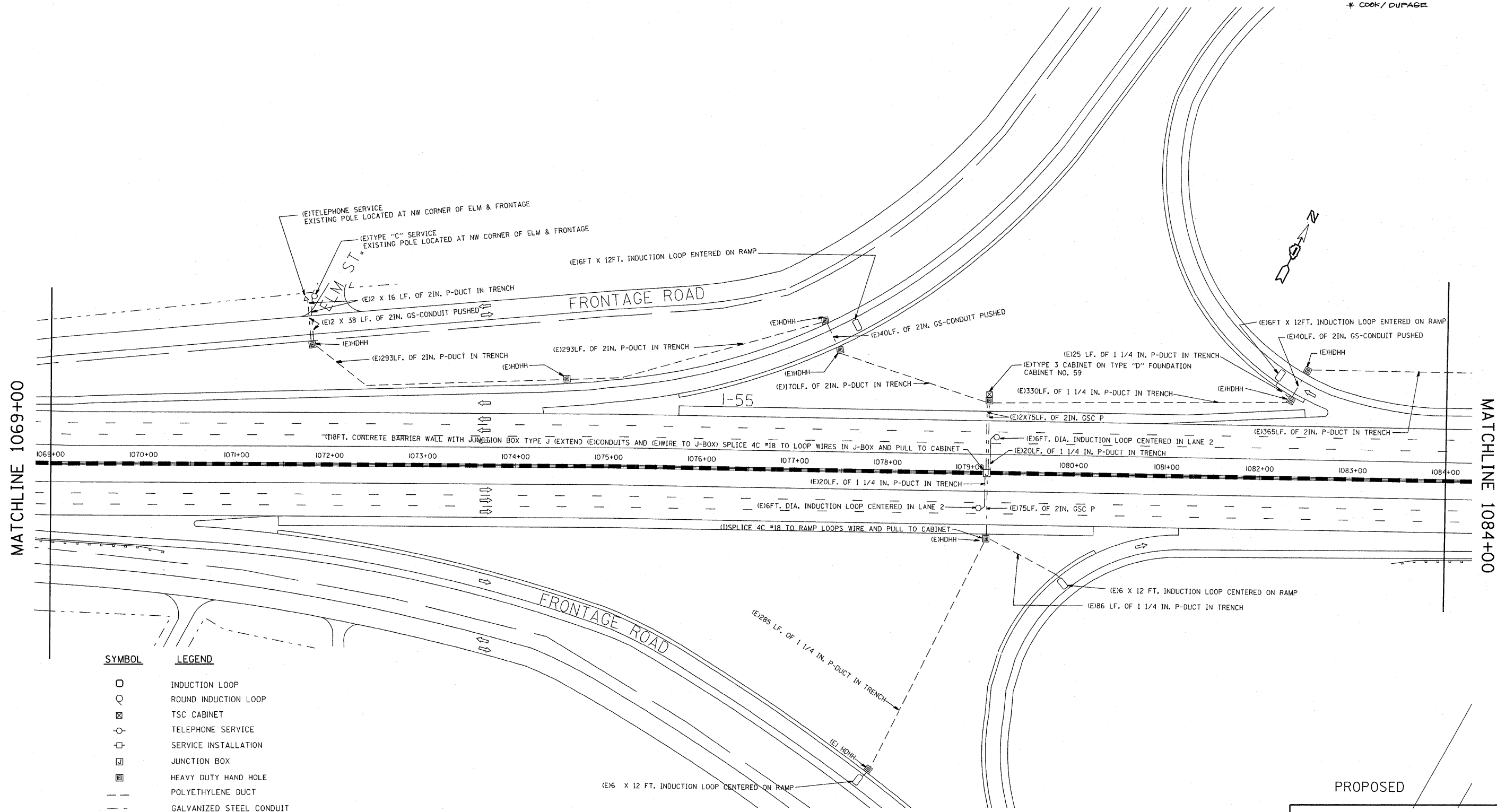
RD-C; PJOE15B5BUS2010 RFSTEVE1.DGN
RF=STEVE1.DGN

VI=1039

TRAFFIC SYSTEMS CENTER

F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-079-R5	*	96	61
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* COOK / DUPAGE



MATCHLINE 1069+00

MATCHLINE 1084+00

SYMBOL	LEGEND
□	INDUCTION LOOP
○	ROUND INDUCTION LOOP
⊠	TSC CABINET
⊙	TELEPHONE SERVICE
⊞	SERVICE INSTALLATION
⊞	JUNCTION BOX
⊞	HEAVY DUTY HAND HOLE
---	POLYETHYLENE DUCT
---	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(P)	PROPOSED
(I)	INSTALL
(R)	REMOVE
P	PUSHED
T	TRENCHED

REVISIONS	
NAME	DATE
J.G.	12-94
J.G.	05-08-95
T.C.	05-31-95
J.G.	11-03-2010

PROPOSED

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
I-55 STEVENSON

**COUNTY LINE ROAD (WEST)
INSTALLATION**

SCALE: VERT. 50:1
HORIZ. 50:1
DATE 6-15-94

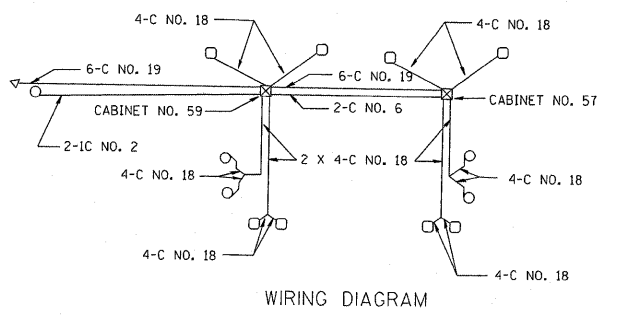
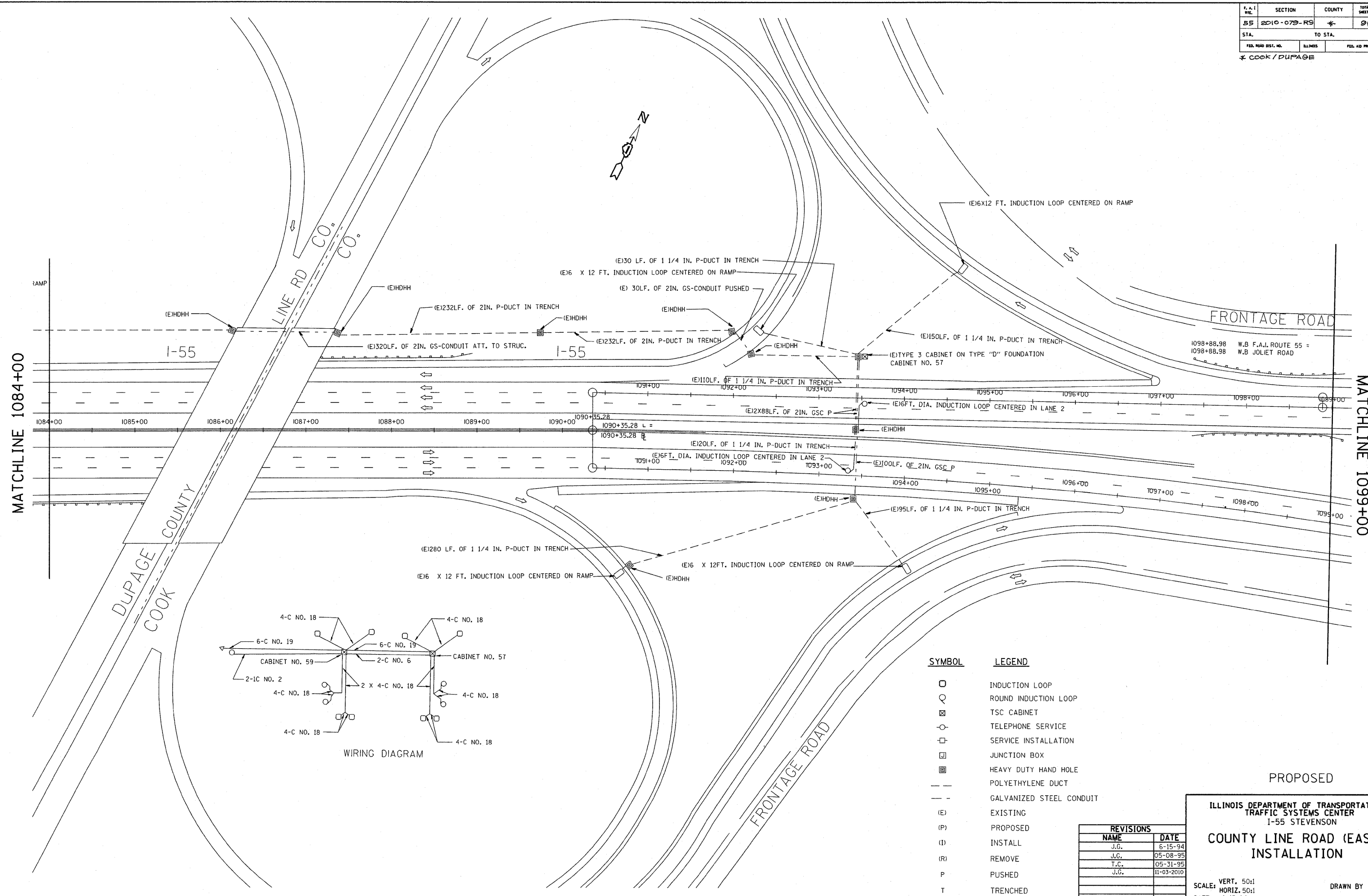
DRAWN BY G.M.
CHECKED BY J.G.

RD-C, P. JOE/EBUS2010 RF-STEVE/DGN

VI=1069

TRAFFIC SYSTEMS CENTER

P. A. I. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-079-R5	*	96	62
STA.		TO STA.		
FED. ROAD DIST. NO.		MILEAGE		FED. AID PROJECT
* COOK / DUPAGE				



SYMBOL	LEGEND
○	INDUCTION LOOP
⊙	ROUND INDUCTION LOOP
⊠	TSC CABINET
⊕	TELEPHONE SERVICE
⊞	SERVICE INSTALLATION
⊟	JUNCTION BOX
⊠	HEAVY DUTY HAND HOLE
---	POLYETHYLENE DUCT
---	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(P)	PROPOSED
(I)	INSTALL
(R)	REMOVE
P	PUSHED
T	TRENCHED

REVISIONS	
NAME	DATE
J.G.	6-15-94
J.C.	05-08-95
T.C.	05-31-95
J.G.	11-03-2010

PROPOSED

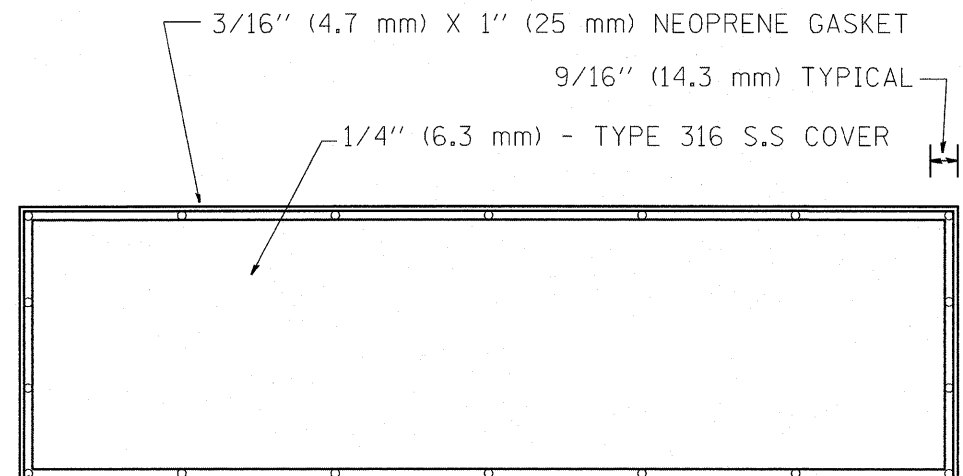
ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
I-55 STEVENSON

**COUNTY LINE ROAD (EAST)
INSTALLATION**

SCALE: VERT. 50:1
HORIZ. 50:1
DATE 6-15-94

DRAWN BY G.M.
CHECKED BY J.C.

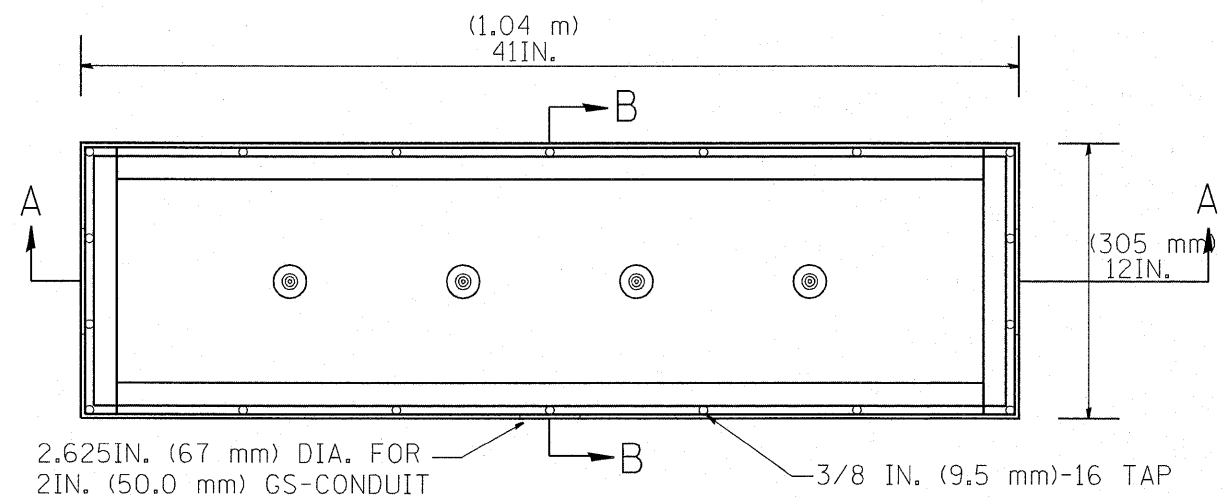
RD-C: P:\JOE\BUS2010_RF\STEVE.DGN
RF=STEVE.DGN



DRILL AND COUNTERSINK TOP OF COVER FOR
 3/8" (9.5 mm) 16 X 3/4" (19 mm)
 FLAT HEAD STAINLESS STEEL SLOTTED SCREWS

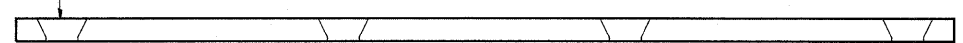
BACK VIEW

STAINLESS STEEL COVER WITH NEOPRENE GASKET



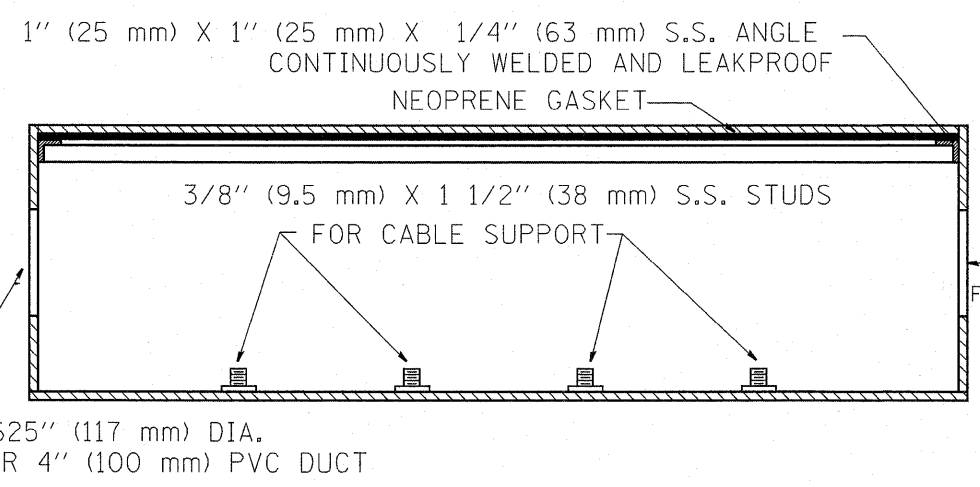
TOP VIEW

STAINLESS STEEL JUNCTION BOX TYPE "J"

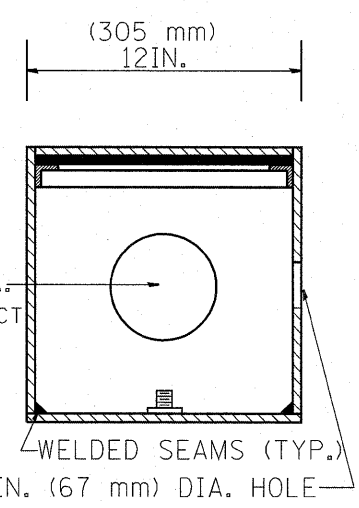


SIDE VIEW

STAINLESS STEEL COVER



SIDE VIEW SECTION A-A



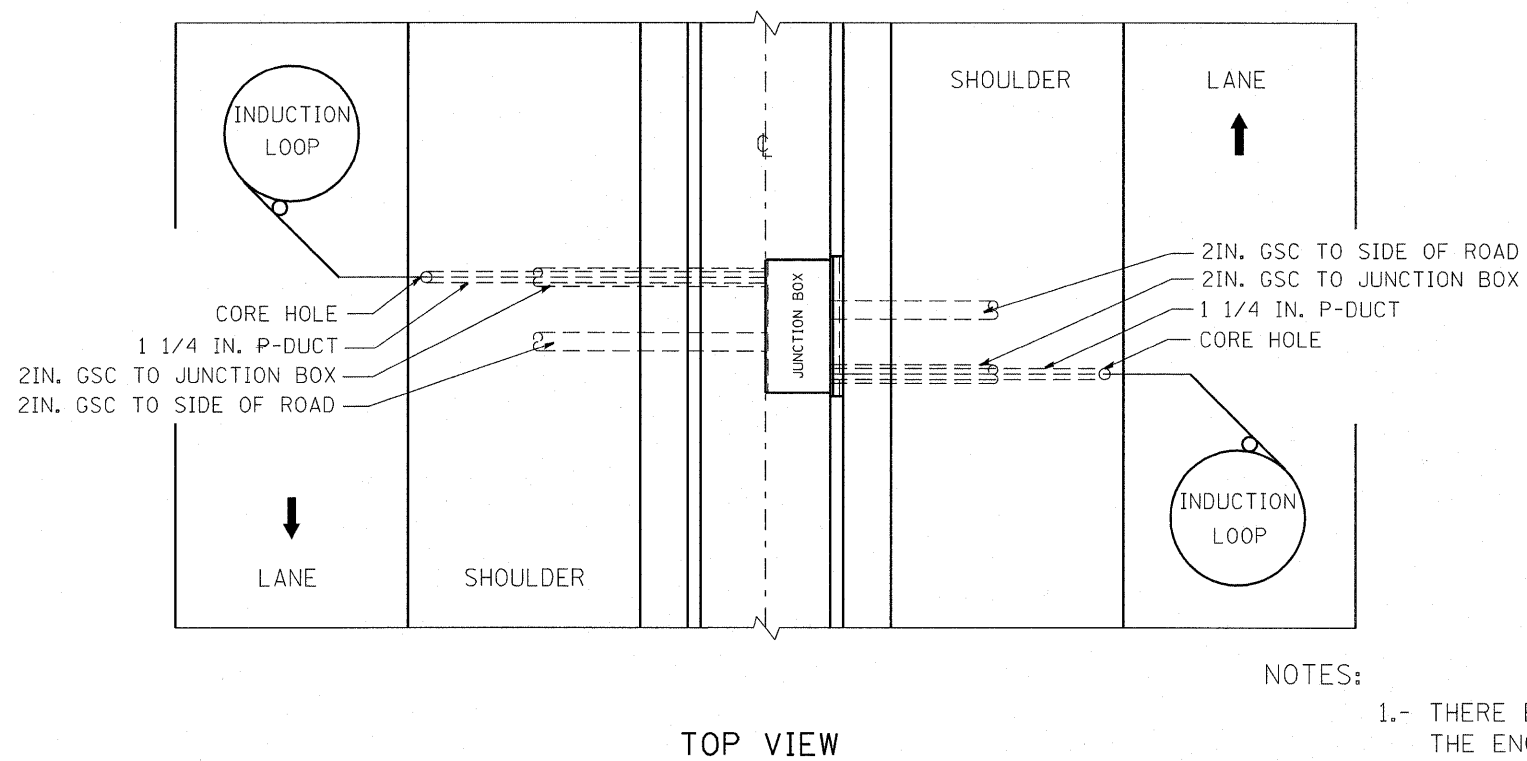
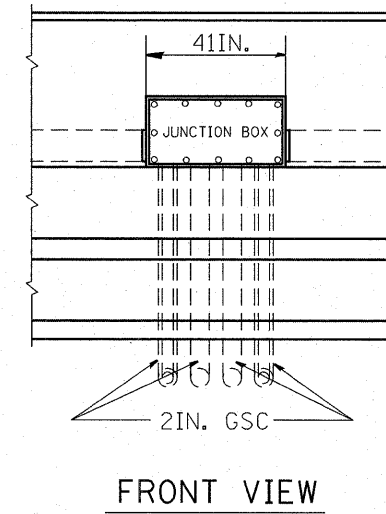
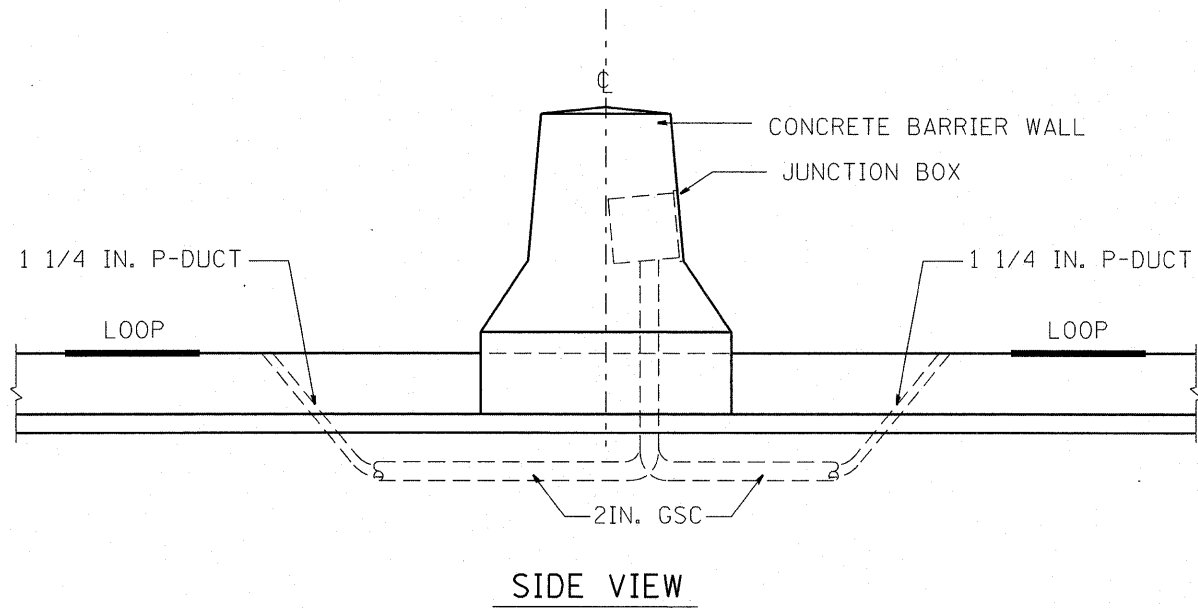
SIDE VIEW SECTION B-B

NOTE:

JUNCTION BOX TO BE CONSTRUCTED OF
 1/4 IN. (6.3 mm) TYPE 316 STAINLESS STEEL
 ALL WELDS SHALL BE CONTINUOUS AND LEAKPROOF
 ALL COVERS SHALL BE UNIVERSAL IN FIT.

BARRIER WALL SHALL BE GAPPED A MINIMUM OF 15FT. (4.57 m) FOR PROPER PLACEMENT OF JUNCTION BOX TYPE "J" AND FOR A SMOOTH TRANSITION OF 4IN. (100 mm) PVC SURVEILLANCE DUCT(S) FROM BARRIER WALL FOOTER INTO JUNCTION BOX.

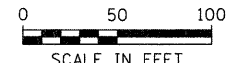
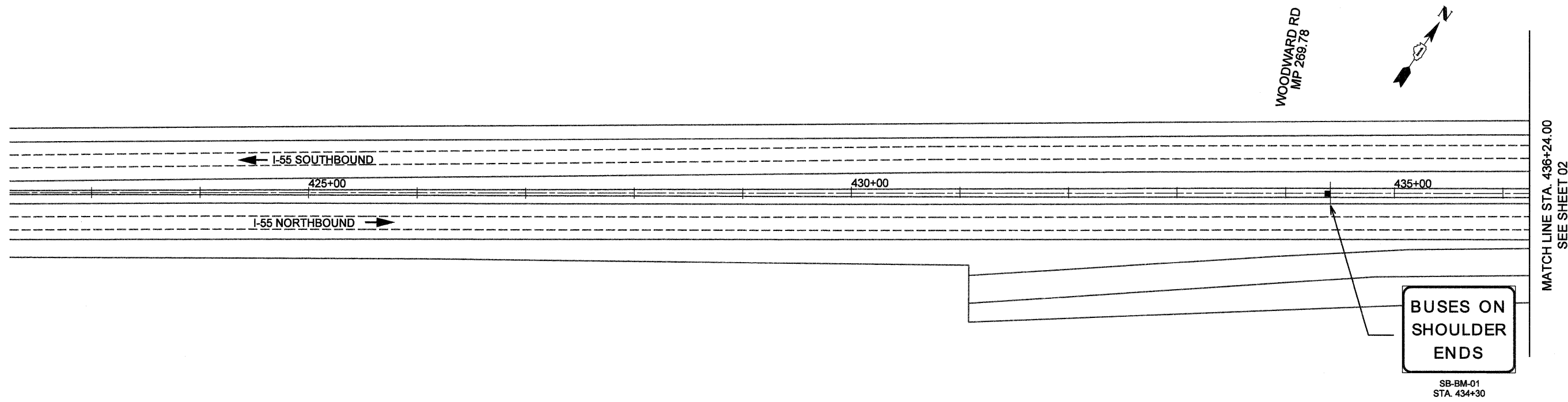
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		DRAWN - G.M.	REVISED - 10/96		SCALE: NONE	SHEET NO. OF SHEETS	STA. TO STA.	F.A.I. RTE. 55	SECTION 2010-079-RS	COUNTY *	TOTAL SHEETS 96	SHEET NO. 63
		CHECKED - R.L.	REVISED -									
		DATE - 08/22/94	REVISED -									



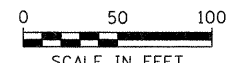
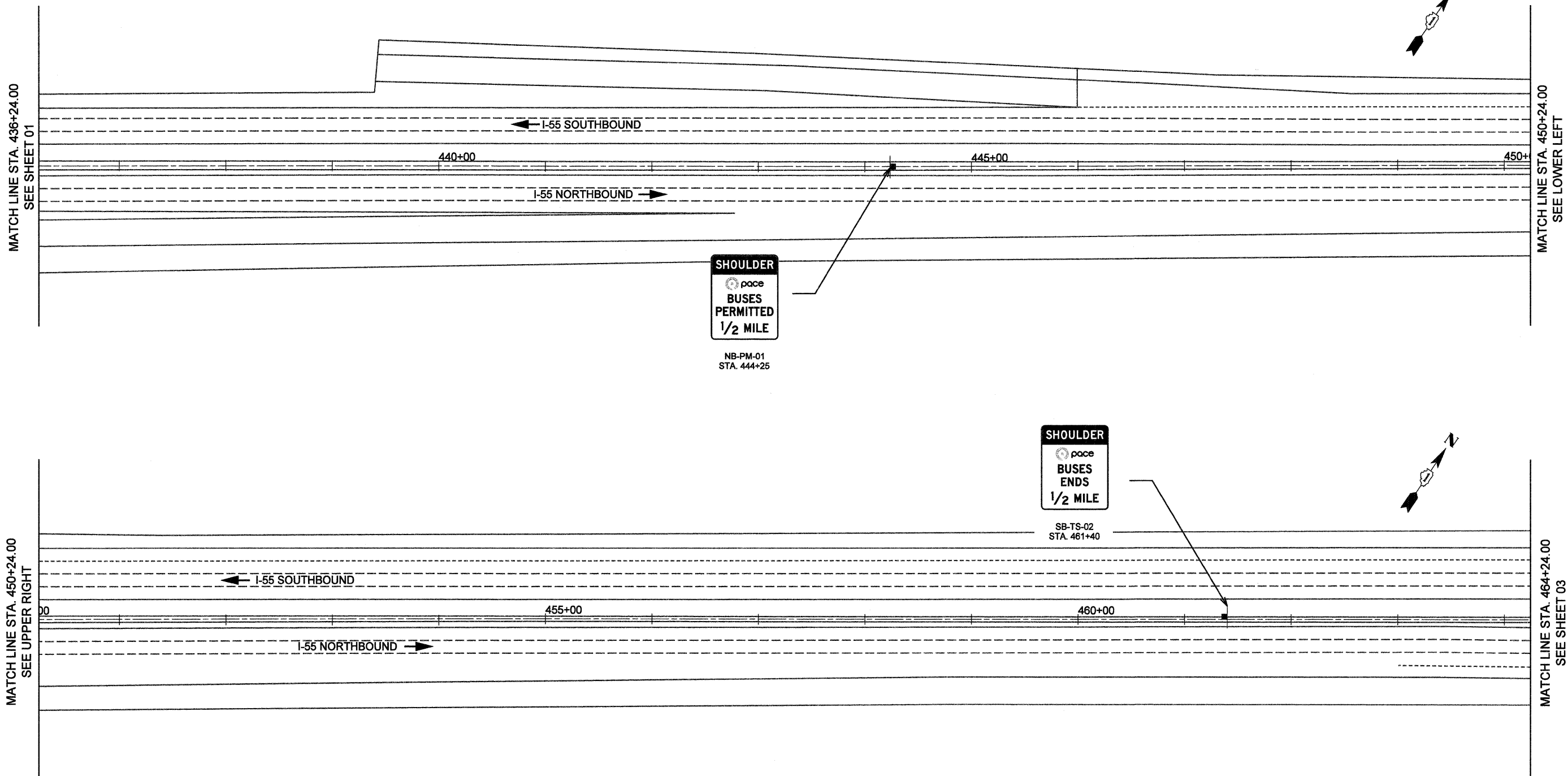
NOTES:

- 1.- THERE EXISTS SOME LOCATIONS THAT HAVE MORE THAN 1-2" GSC GOING TO THE SIDE OF THE ROAD. THE ENGINEER SHALL DECIDE HOW MANY ARE NEEDED.
- 2.- SPLICES SHALL BE IN JUNCTION BOX.
- 3.- THE MINIMUM SPACING OF CONDUITS ENTERING JUNCTION BOX SHALL BE 4IN.

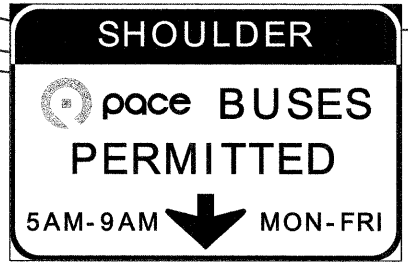
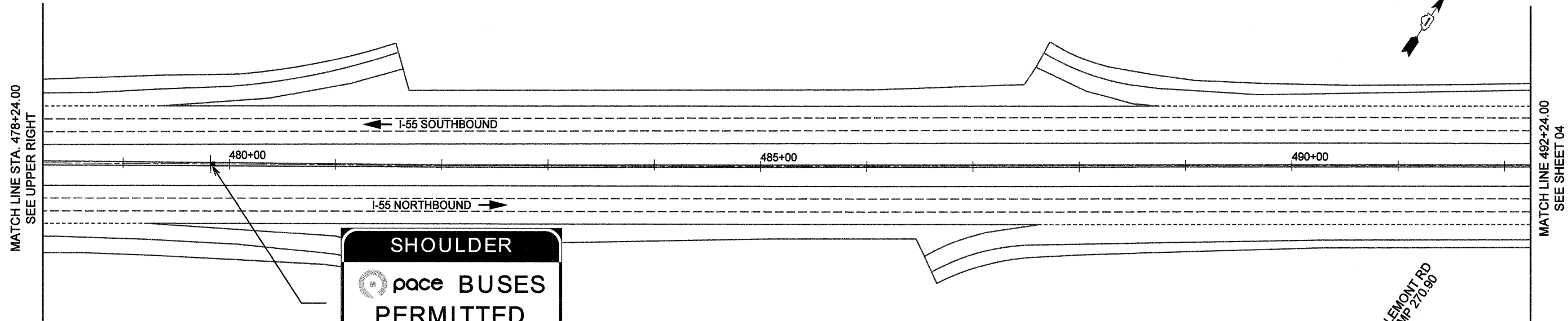
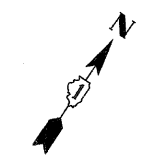
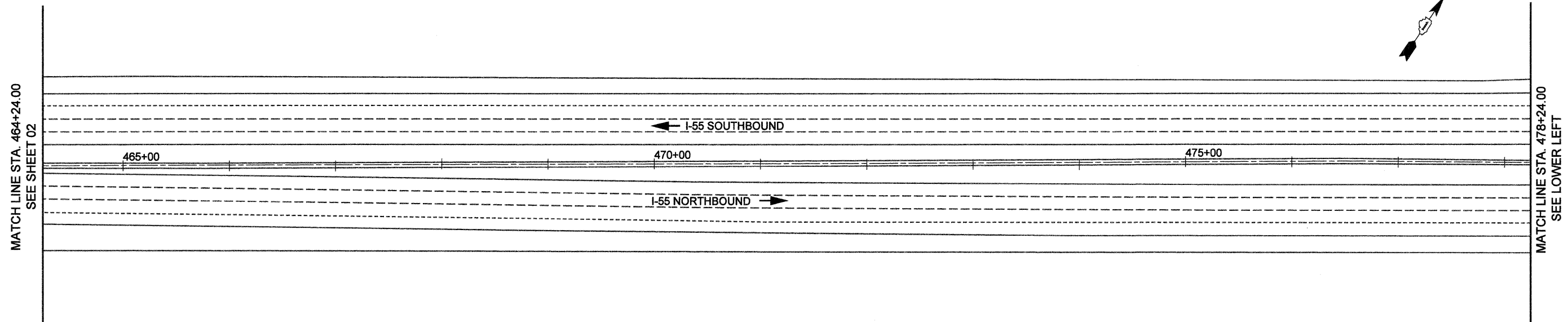
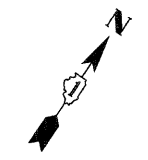
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PLOT SCALE = 100.0000 "/ IN.		CHECKED - J.G.	REVISED -		SCALE: NONE	SHEET NO. OF SHEETS STA. TO STA.	CONTRACT NO. 60LG7					
PLOT DATE = 11/8/2010		DATE - 11/08/2010	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
TRAFFIC SYSTEMS CENTER (TY-1TSC-663#18)												



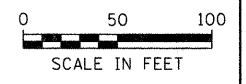
1-13-11				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		SIGNING PLAN I-55 BUS ON SHOULDER PROJECT			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE NAME =	USER NAME = *USER*	DESIGNED - SEW	REVISED -			55	2010-079-RS	DUPAGE	26	66			
FILEL	PLOT SCALE = *SCALE*	DRAWN - SEW	REVISED -			CONTRACT NO. 60L67			ILLINOIS FED. AID PROJECT				
	PLOT DATE = *DATE*	CHECKED - ST	REVISED -			SCALE: 1" = 50' SHEET NO. 01 OF 14 SHEETS STA. TO 423+00.00 STA. 436+24.00							
		DATE - 12/2010	REVISED -										



1. 13. 11				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				SIGNING PLAN I-55 BUS ON SHOULDER PROJECT				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE NAME =	USER NAME = #USER#	DESIGNED - SEW	REVISED -					55	2010-079-RS	DUPAGE	96	67				
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	PLOT DATE = #DATE#	CHECKED - ST	REVISED -					ILLINOIS FED. AID PROJECT								
				SCALE: 1" = 50'				SHEET NO. 02 OF 14 SHEETS STA. 436+24.00 TO STA. 464+24.00								

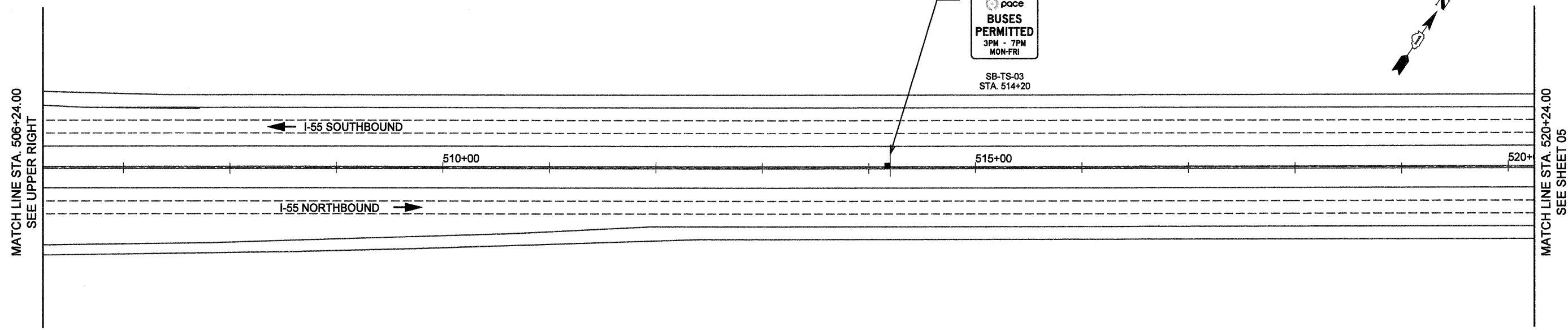
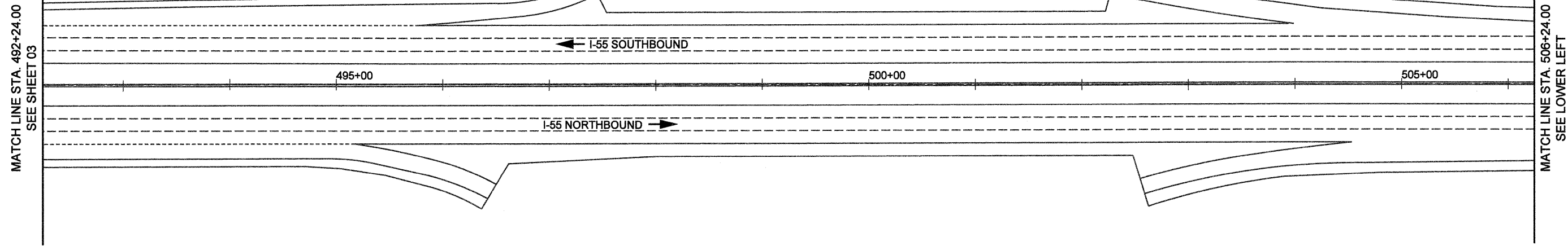
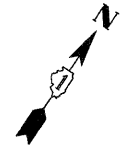


NB-TM-02
STA. 479+80



I. 13-11		DESIGNED - SEW		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		SIGNING PLAN I-55 BUS ON SHOULDER PROJECT			F.A.I. RTE. 55	SECTION 2010-079-RS	COUNTY DUPAGE	TOTAL SHEETS 96	SHEET NO. 68
FILE NAME = #FILE#	USER NAME = #USER#	DRAWN - SEW	REVIS	REVIS	REVIS			SCALE: 1" = 50'	SHEET NO. 03 OF 14 SHEETS	STA. 464+24.00 TO STA. 492+24.00	CONTRACT NO. 60L67 ILLINOIS FED. AID PROJECT				
PLOT SCALE = #SCALE#		CHECKED - ST	REVIS	REVIS	REVIS										
PLOT DATE = #DATE#		DATE - 12/2010	REVIS	REVIS	REVIS										

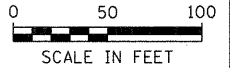
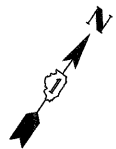
LEMONT RD
MP 270.90



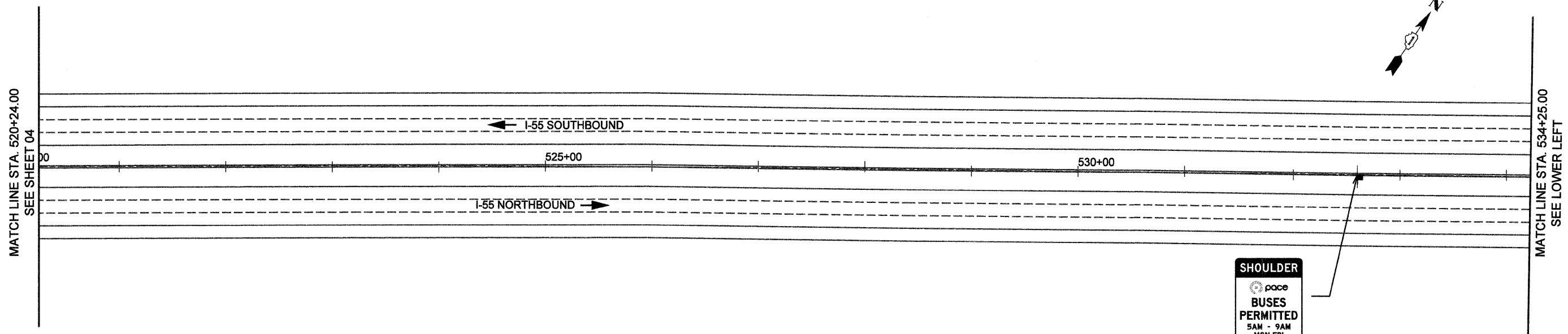
SHOULDER

BUSES PERMITTED
 3PM - 7PM
 MON-FRI

SB-TS-03
 STA. 514+20

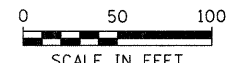
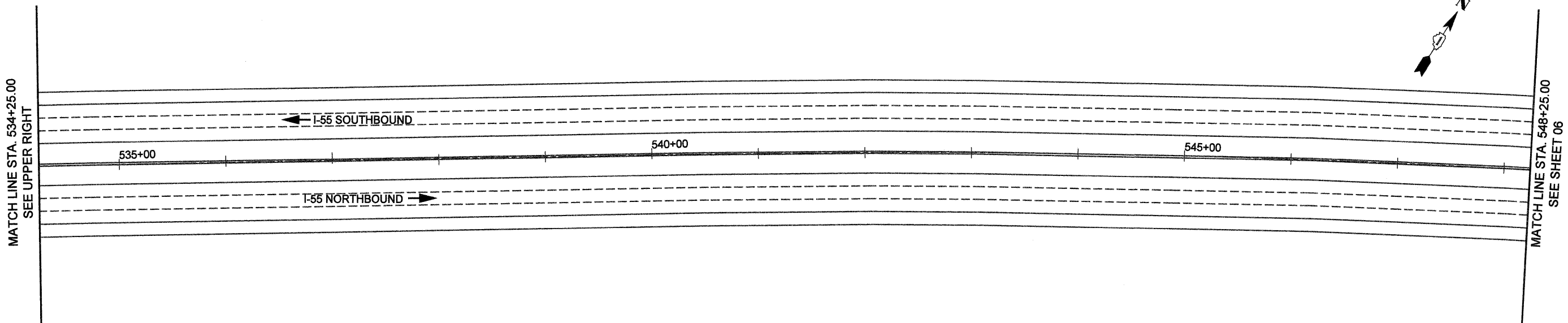


1-13-11		DESIGNED - SEW		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		SIGNING PLAN I-55 BUS ON SHOULDER PROJECT		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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#FILEL#	PLT SCALE = #SCALE#	CHECKED - ST	REVISED -	SCALE: 1" = 50'		SHEET NO. 04 OF 14 SHEETS		STA. 492+24.00 TO STA. 520+24.00		CONTRACT NO. 60L67				
	PLT DATE = #DATE#	DATE - 12/2010	REVISED -							ILLINOIS FED. AID PROJECT				

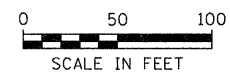
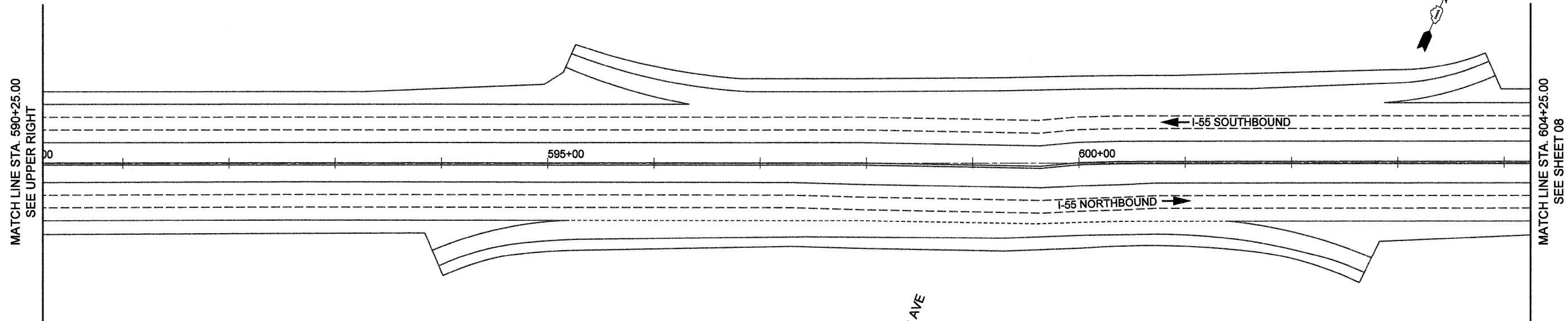
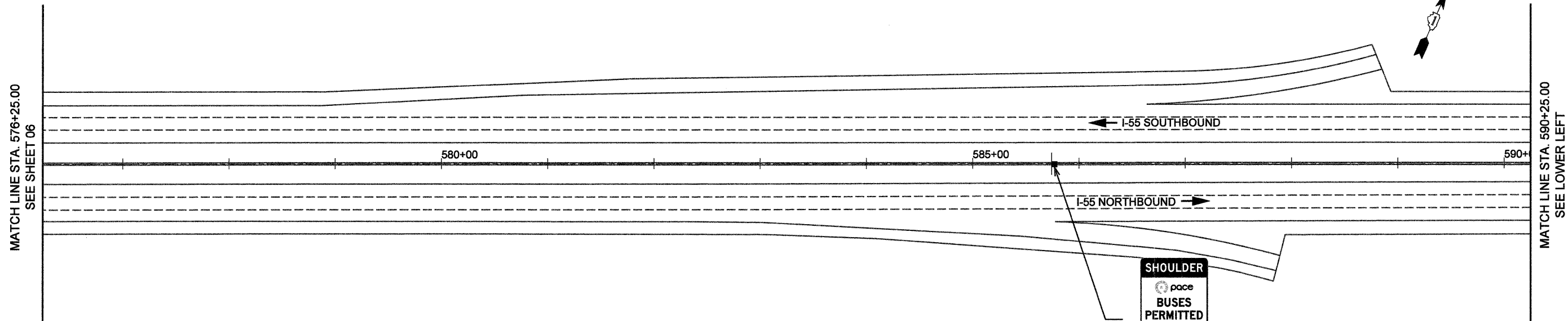


SHOULDER

BUSES PERMITTED
 5AM - 9AM
 MON-FRI
 NB-TS-03
 STA. 532+60



1. 13. 11				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		SIGNING PLAN I-55 BUS ON SHOULDER PROJECT			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE NAME =	USER NAME = *USER*	DESIGNED - SEW	REVISED -			55	2010-079-RS	DUPAGE	96	70			
FILEL	PLOT SCALE = *SCALE*	DRAWN - SEW	REVISED -			CONTRACT NO. 60L67			ILLINOIS FED. AID PROJECT				
	PLOT DATE = *DATE*	CHECKED - ST	REVISED -			SCALE: 1" = 50' SHEET NO. 05 OF 14 SHEETS STA. 520+24.00 TO STA. 548+25.00							
		DATE - 12/2010	REVISED -										



1-13-11

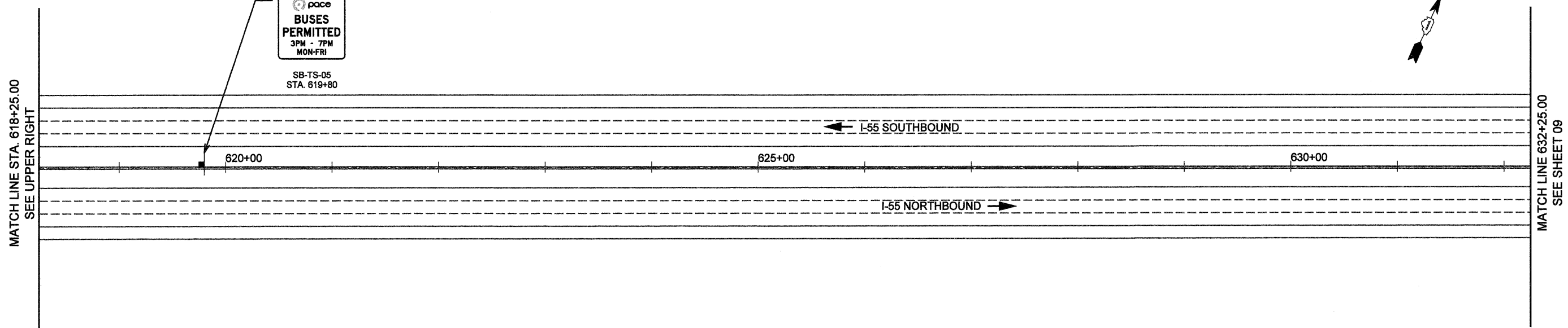
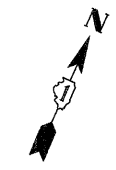
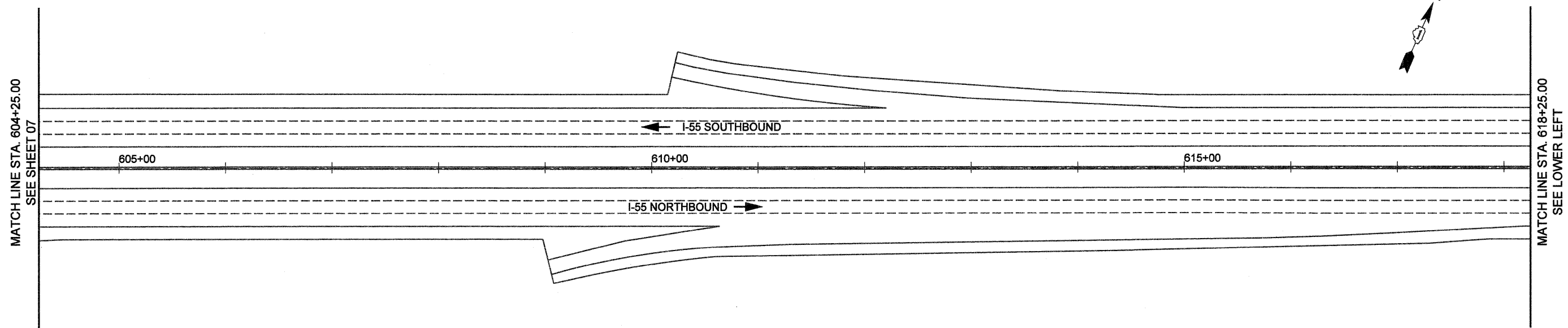
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

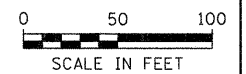
**SIGNING PLAN
I-55 BUS ON SHOULDER PROJECT**

SCALE: 1" = 50' SHEET NO. 07 OF 14 SHEETS STA. 576+25.00 TO STA. 604+25.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-079-RS	DUPAGE	96	72
CONTRACT NO. 60L67			ILLINOIS FED. AID PROJECT	

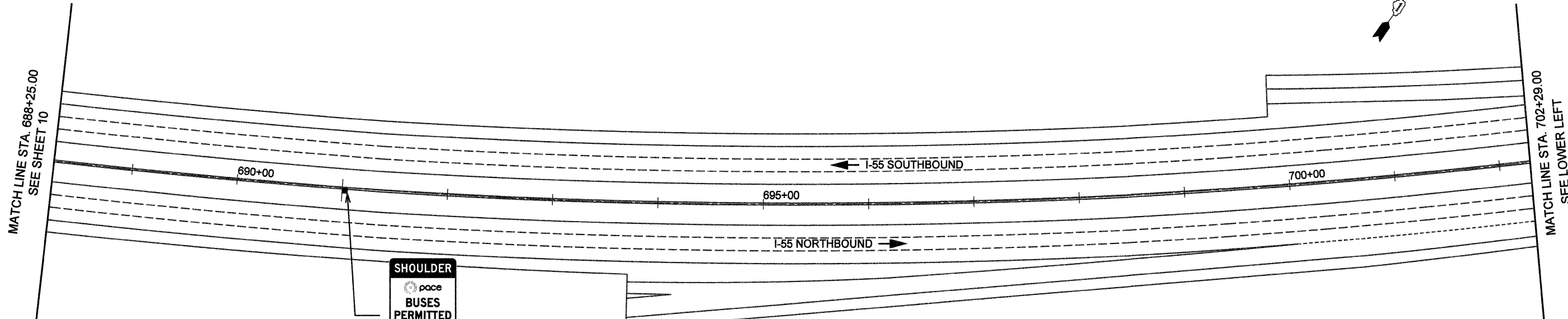


SHOULDER

BUSES PERMITTED
 3PM - 7PM
 MON-FRI
 SB-TS-05
 STA. 619+80



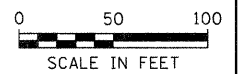
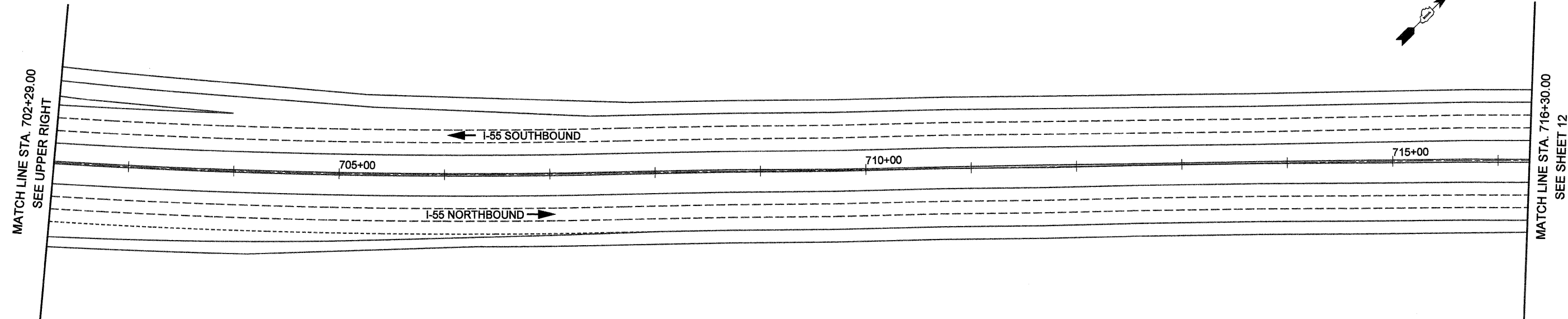
1-13-11

FILE NAME =	USER NAME = #USER#	DESIGNED - SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNING PLAN I-55 BUS ON SHOULDER PROJECT			F.A.I. RTE. 55	SECTION 2010-079-RS	COUNTY DUPAGE	TOTAL SHEETS 96	SHEET NO. 73
#FILE#		DRAWN - SEW	REVISED -		SCALE: 1" = 50'	SHEET NO. 08 OF 14 SHEETS	STA. 604+25.00 TO STA. 632+25.00	CONTRACT NO. 60L67				
		CHECKED - ST	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 12/2010	REVISED -									



SHOULDER

BUSES PERMITTED
 5AM - 9AM
 MON-FRI
 NB-TS-06
 STA. 691+00



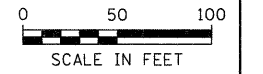
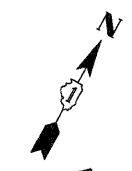
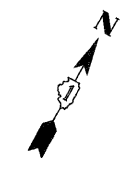
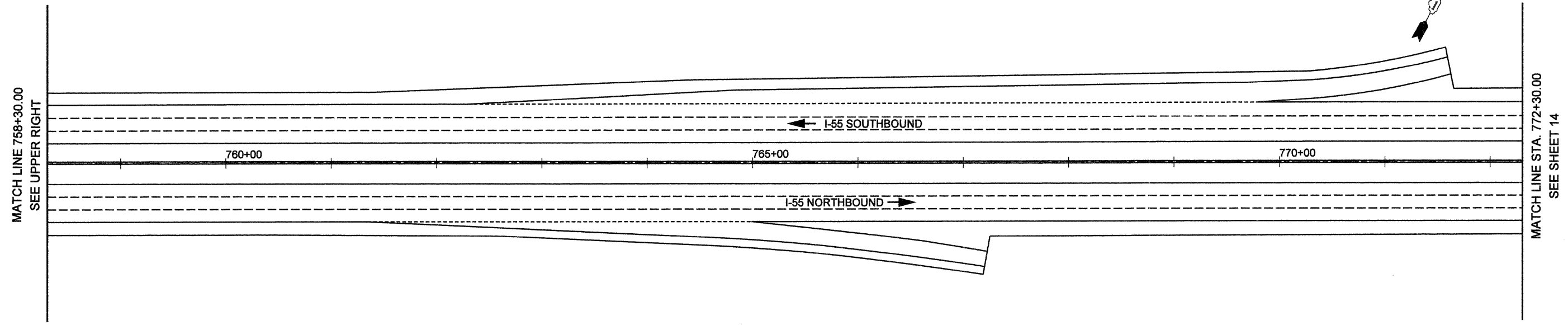
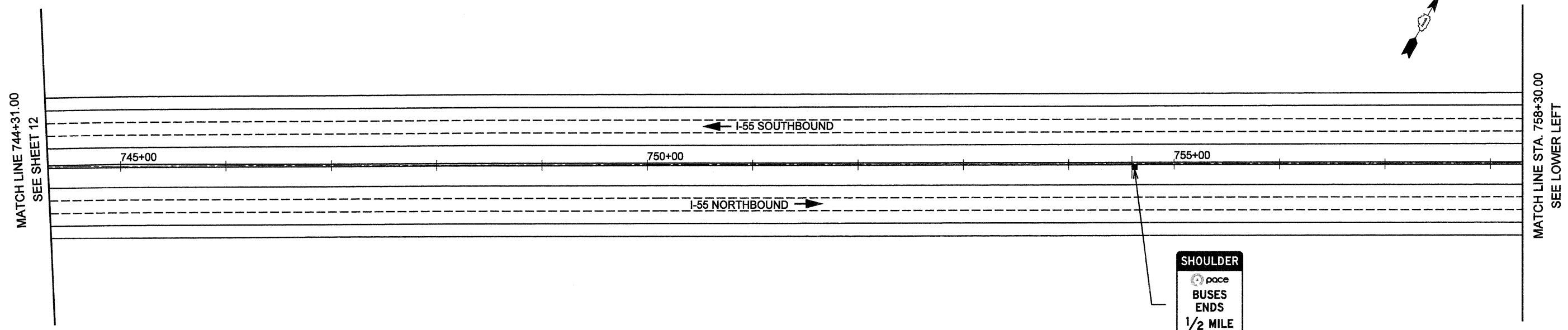
1-13-11

FILE NAME =	USER NAME = #USER#	DESIGNED - SEW	REVISED -
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		CHECKED - ST	REVISED -
		DATE - 12/2010	REVISED -

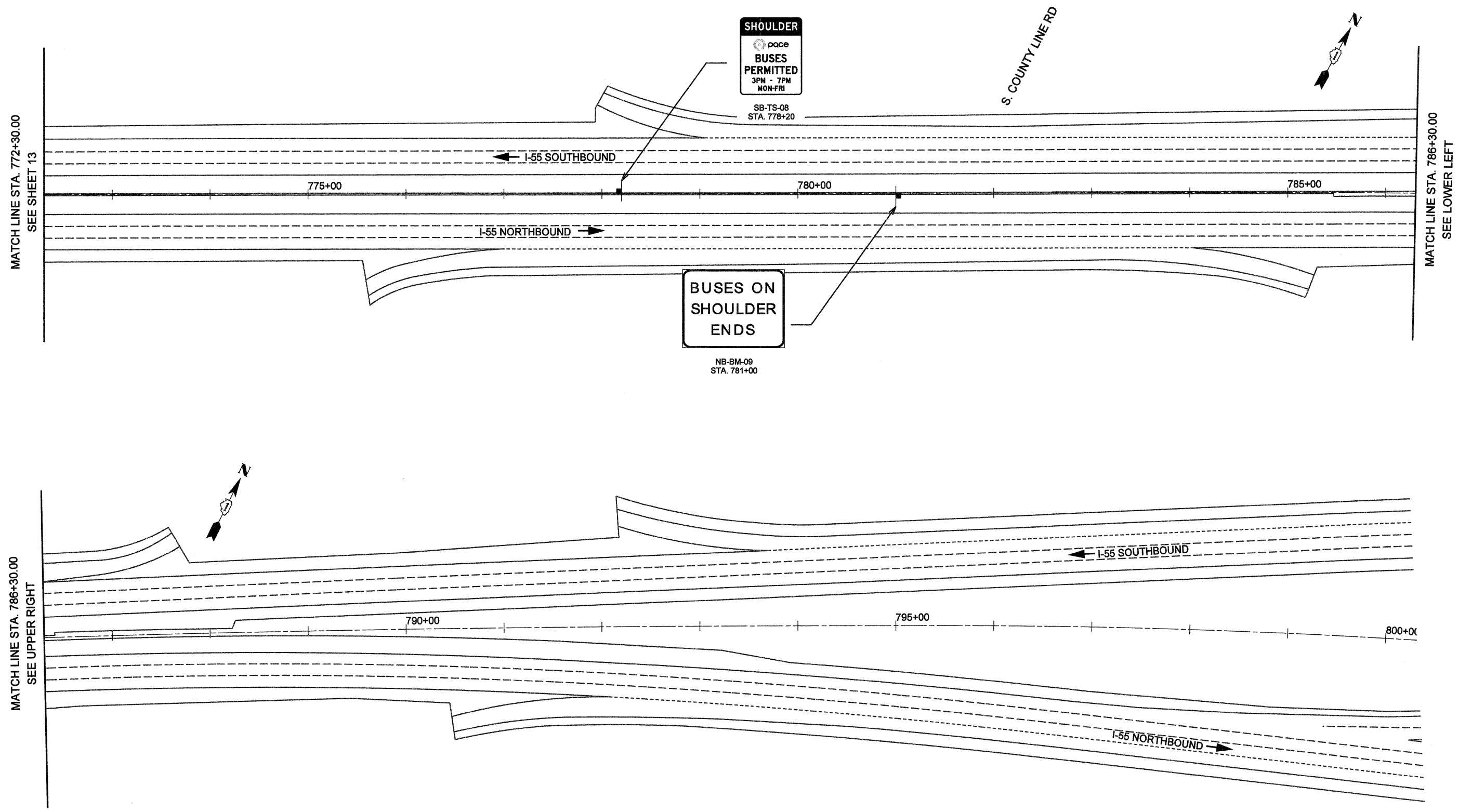
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN		
I-55 BUS ON SHOULDER PROJECT		
SCALE: 1" = 50'	SHEET NO. 11 OF 14 SHEETS	STA. 668+25.00 TO STA. 716+30.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-079-RS	DUPAGE	96	76
CONTRACT NO. 60L67			ILLINOIS FED. AID PROJECT	



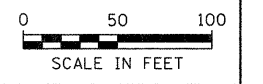
I-13-11				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				SIGNING PLAN I-55 BUS ON SHOULDER PROJECT				F.A.I. RTE. 55		SECTION 2010-079-RS		COUNTY DUPAGE		TOTAL SHEETS 96		SHEET NO. 78											
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PLOT SCALE = #SCALE#								PLOT DATE = #DATE#				REVISIONS				REVISIONS				REVISIONS				REVISIONS							
SCALE: 1" = 50'				SHEET NO. 13 OF 14 SHEETS				STA. 744+31.00 TO STA. 772+30.00				ILLINOIS FED. AID PROJECT				CONTRACT NO. 60L67															



MATCH LINE STA. 772+30.00
SEE SHEET 13

MATCH LINE STA. 786+30.00
SEE LOWER LEFT

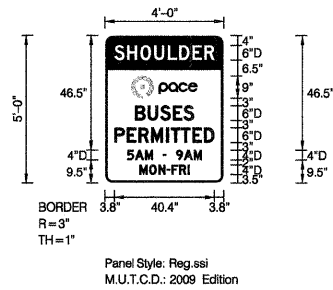
MATCH LINE STA. 786+30.00
SEE UPPER RIGHT



I-13-11		DESIGNED - SEW		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		SIGNING PLAN I-55 BUS ON SHOULDER PROJECT			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE NAME =	USER NAME = #USER#	DRAWN - SEW	REVISED -	55	2010-079-RS						DUPAGE	96	79		
#FILE#		PLOT SCALE = #SCALE#	CHECKED - ST	REVISED -	SCALE: 1" = 50' SHEET NO. 14 OF 14 SHEETS STA. 772+30.00 TO STA. 800+32.00			CONTRACT NO. 60L67			ILLINOIS FED. AID PROJECT				
		PLOT DATE = #DATE#	DATE - 12/2010	REVISED -											

SIGN DETAIL

1:75



SIGN NUMBER	3A
WIDTH x HGHT.	4'-0" x 5'-0"
BORDER WIDTH	1"
CORNER RADIUS	3"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: White
LEGEND/BORDER	TYPE: Reflective
	COLOR: Black,White /Black

SYMBOL	ROT	X	Y	WID	HT
	0	10.6	34.5	26.8	9

Panel Style: Reg.ssi
 Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)																		LENGTH	SERIESSIZE
S	H	O	U	L	D	E	R											40.4	D 2000
3.8	8.9	14.3	19.9	25.4	30	35.4	40.2											6	
B	U	S	E	S														23.7	D 2000
12.2	17.3	22.4	27.5	31.8														6	
P	E	R	M	I	T	T	E	D										40.3	D 2000
3.9	8.9	13.6	18.7	24.8	26.7	30.8	35.4	40.1										6	
5	A	M	-	9	A	M												30.1	D 2000
9	12.2	16.2	23.4	28.8	32	36												4	
M	O	N	-	F	R	I												20.2	D 2000
14	18	21.7	25	27	30.1	33.5												4	

GENERAL NOTES

SPECIFICATIONS:

DESIGN: AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals. ("AASHTO Specifications") ②

CONSTRUCTION: Current (at time of letting) Illinois Department of Transportation Standard Specifications for Road and Bridge Construction, Supplemental Specifications and Special Provisions. ("Standard Specifications")

LOADING: 90 M.P.H. WIND VELOCITY

WALKWAY LOADING: Dead load plus 500 lbs. concentrated live load.

MINIMUM CLEARANCE: 3" greater than bridge members at all locations. (All Obstructions)

WELDING: All welds to be continuous unless otherwise shown. All welding to be done in accordance with current AWS D1.1 Structural Welding Code (Steel) and the Standard Specifications.

MATERIALS: All Structural Steel Pipe shall be ASTM A53 Grade B with a minimum yield of 35,000 p.s.i., or A500 Grade B or C with a minimum yield of 46,000 p.s.i. If A500 pipe is substituted for A53, then the outside diameter shall be as detailed and wall thickness greater than or equal to A53.

All Structural Steel Plates and Shapes shall conform to AASHTO M270 Gr. 36, Gr. 50 (M183, M223 Gr. 50).

HIGH STRENGTH BOLTS: All bolts, washers, nuts and locknuts shall satisfy the requirements of ASTM designation A307 unless noted as "H.S." which shall require AASHTO M164 (A325), ASTM A449, or approved alternate. All fasteners shall be hot dip galvanized per AASHTO M232 unless otherwise specified.

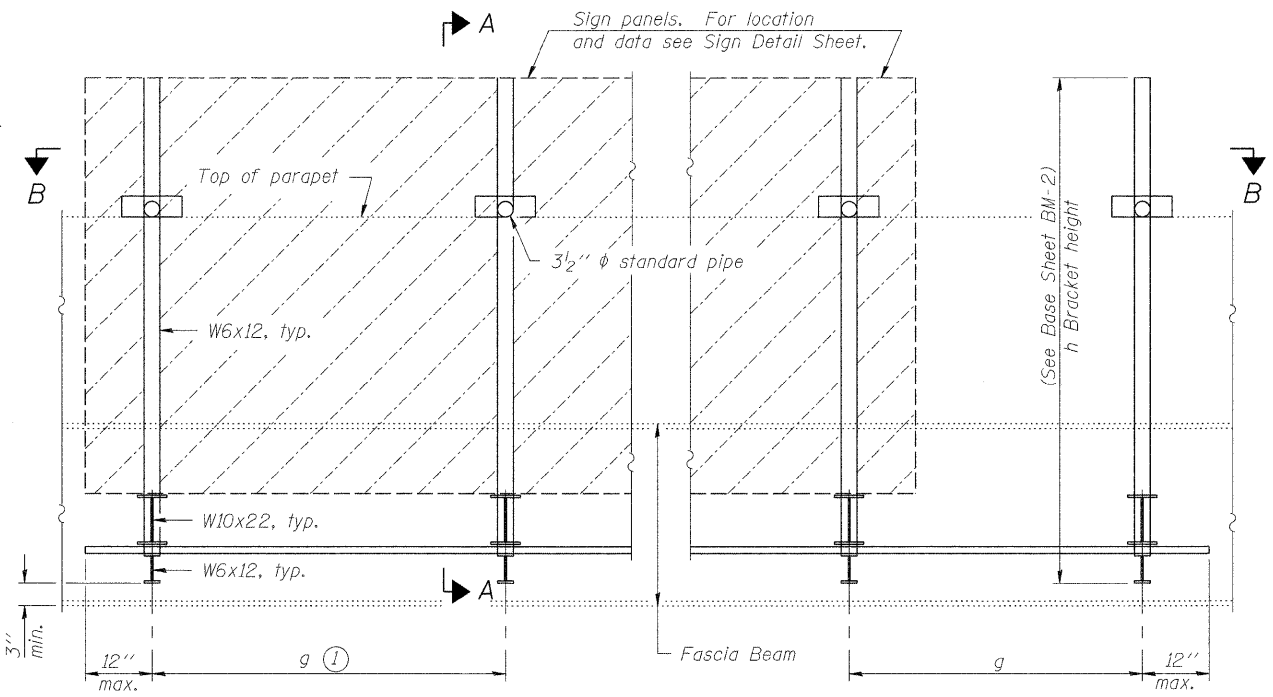
GALVANIZING: All Steel Grating, Plates, Shapes and Pipe shall be Hot Dip Galvanized after fabrication in accordance with AASHTO M111. Painting is not permitted.

ANCHOR RODS: All-threaded rod conforming to ASTM A307, 3/4" ϕ x 12" long, each with one plate washer and locknut and be hot dip galvanized per AASHTO M232. They shall be either cast into the concrete or epoxy grouted in accordance with Section 584 of the Standard Specifications. Minimum embedment in concrete shall be 9".

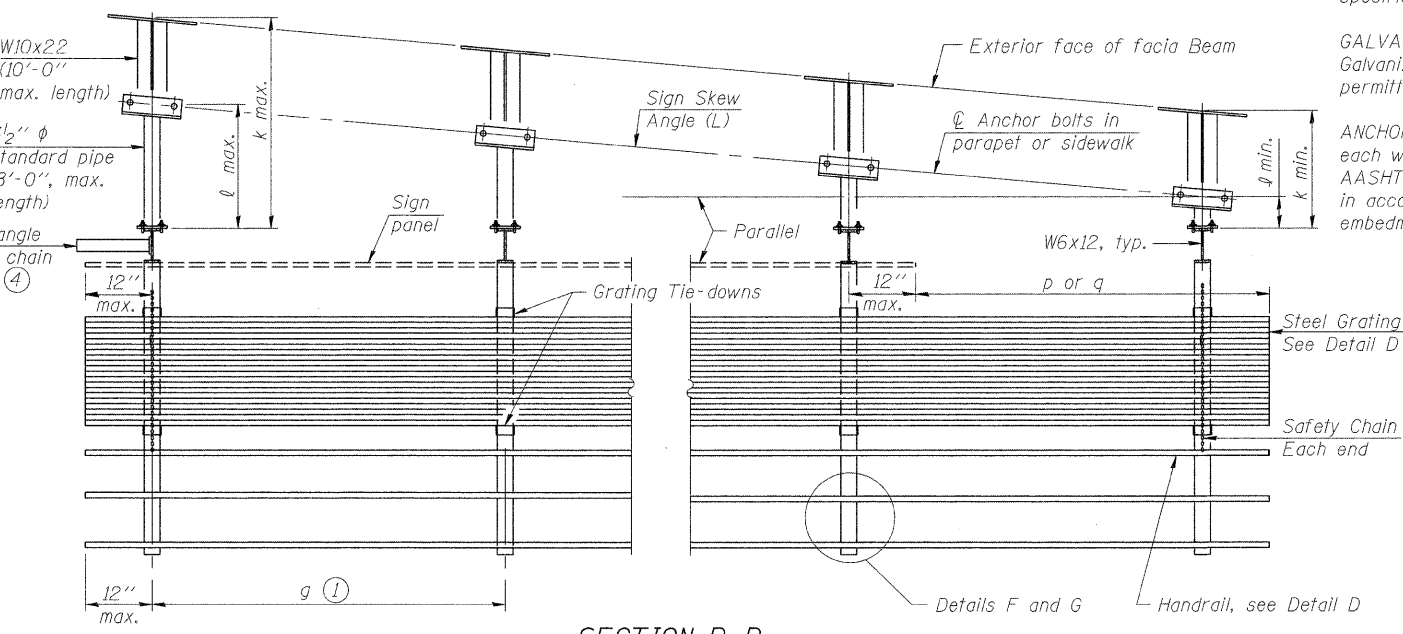
- ① Bracket spacing $g \leq 6'-0"$, max. Spacing shall be uniform if possible but may vary $\pm 6"$ to miss existing obstruction (rail post, light poles, web stiffeners, splice plates, etc.). Adjust bracket lengths accordingly on skewed structures.
- ② Any design modifications shall be based on the current version of applicable specifications and submitted for the Engineer's approval.
- ③ Unit price includes grating, handrail, brackets, supports, anchor bolts, fasteners, fabrication, delivery, erection, field drilling and other necessary items. Limits of payment are based on grating length (c_w , d_w) unless otherwise specified. For Safety Chain Details and Details D, F and G, see Base Sheet BM-4.
- ④ If walkway bracket at safety chain location is behind sign, add angle to bracket. See detail on Base Sheet BM-4.

TOTAL BILL OF MATERIAL

③ OVERHEAD SIGN STRUCTURE-BRIDGE MOUNTED	Foot	13.0
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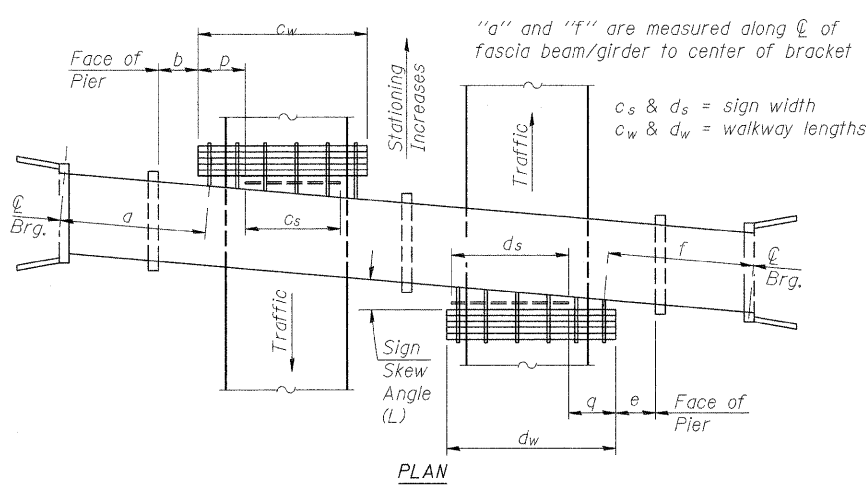
TYPICAL FRONT ELEVATION
(With lights, safety chain and handrail omitted for clarity.)



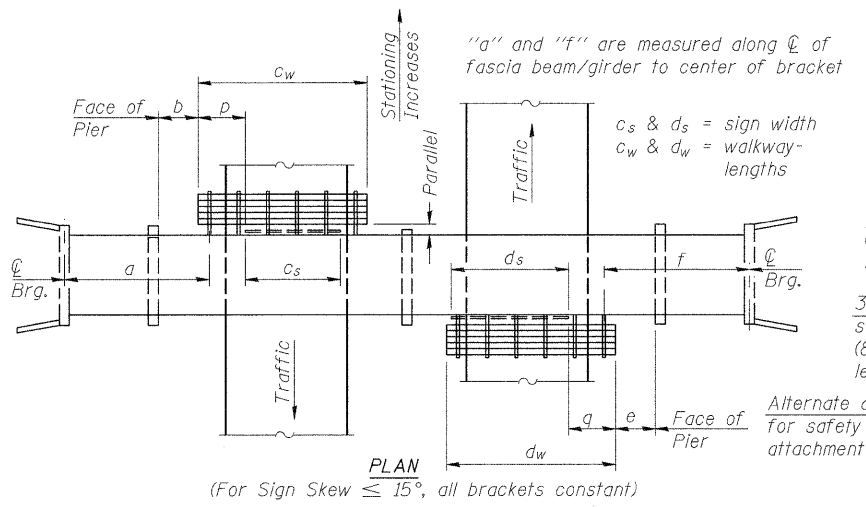
SECTION B-B
(Shown: Left Sign Skew > 15°)

Structure Number	Sign Skew Angle (L) or (R)	Bridge Station	Bridge Structure Number	Contract Route Designation	a	b	c _s	c _w	d _s	d _w	e	f	g	No. of Brackets (Total)	p	q	Total Grating/Hndrl. Lengths (c _w + d _w)
1B0161055L269.8	0°	434+30	022-0088	FAI 55	147'-11"	-	6'-6"	6'-6"	-	-	-	-	5'-0"	2	-	-	6'-6"
1B0161055R276.4	27° (L)	781+00	016-0587	FAI 55	-	-	-	-	6'-6"	6'-6"	76'-0"	126'-9"	5'-0"	2	-	-	6'-6"

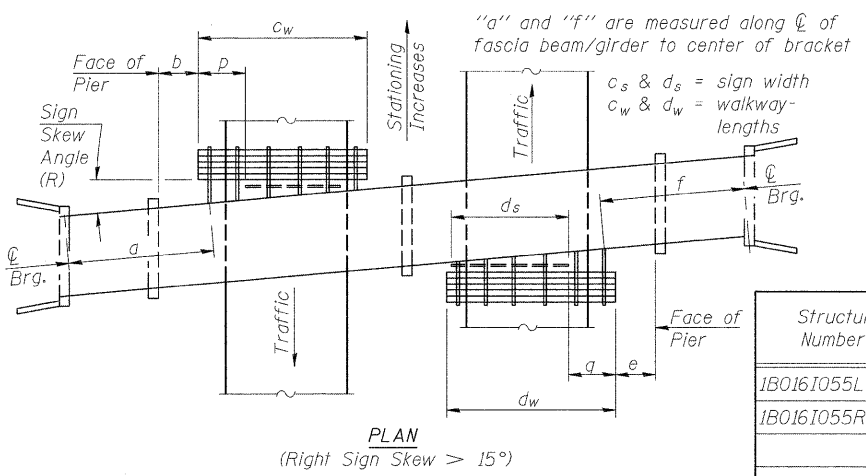
Dimensions a, b, e, f & g may vary as approved by the Engineer, see ①.
When $c_w < c_s$ and/or $d_w < d_s$, use alternate brackets without walkway supports where applicable, see ③.



WALKWAY AND HANDRAIL SKETCH
(Left Sign Skew > 15°)
(Road plan beneath structure varies.)



WALKWAY AND HANDRAIL SKETCH
(For Sign Skew $\leq 15^\circ$, all brackets constant)
(Road plan beneath structure varies.)



WALKWAY AND HANDRAIL SKETCH
(Right Sign Skew > 15°)
(Road plan beneath structure varies.)

BM-1 1-13-11 7-1-10

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Chatham, Illinois

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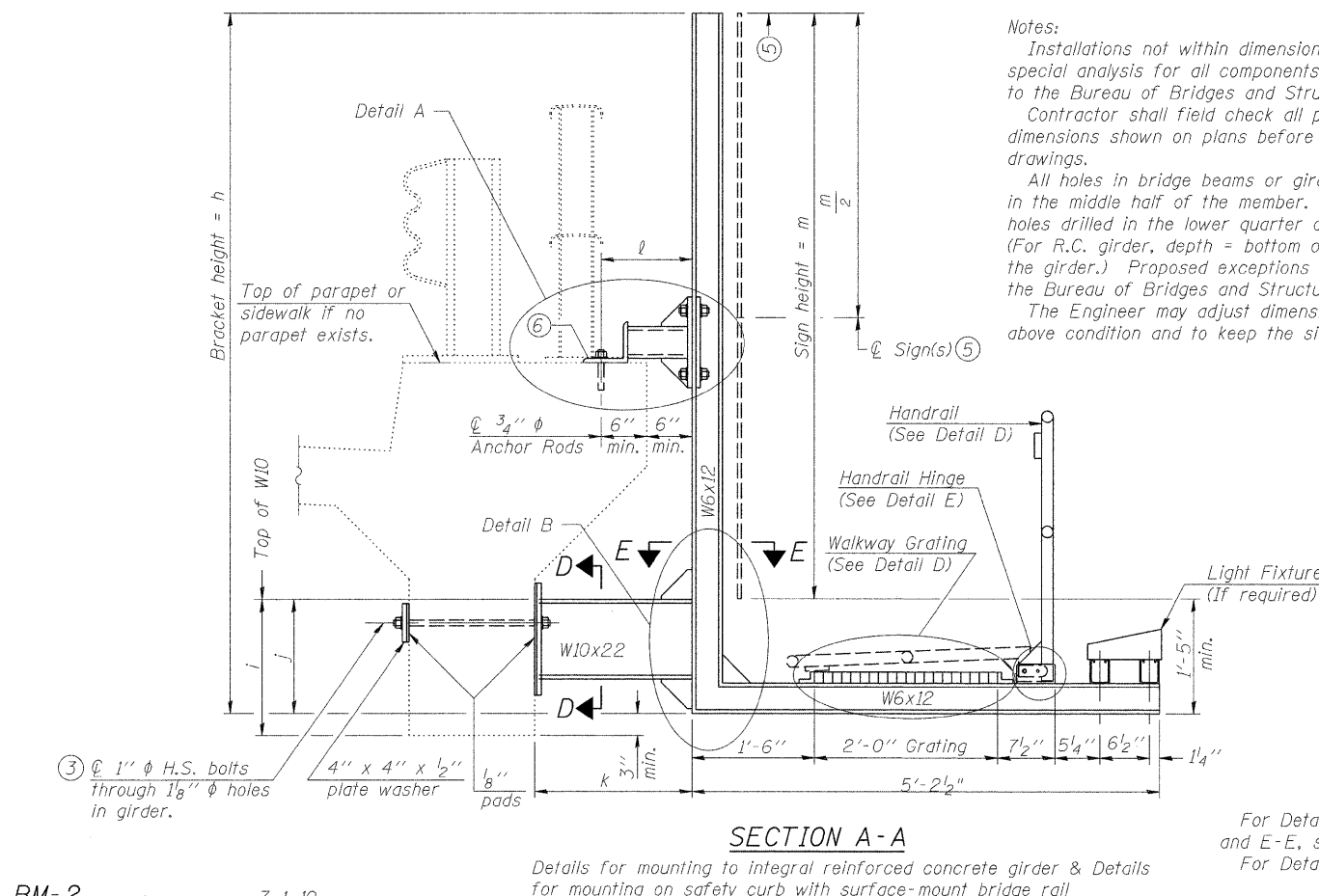
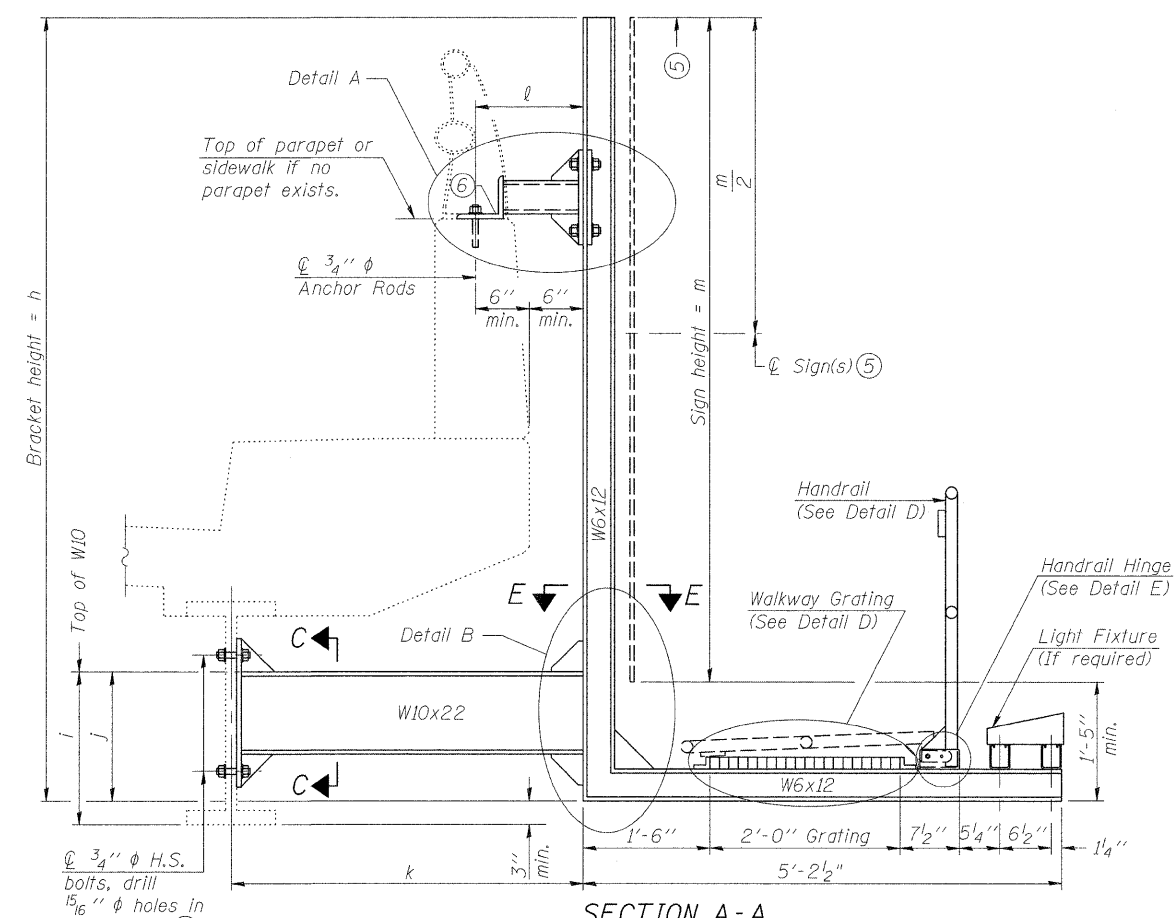
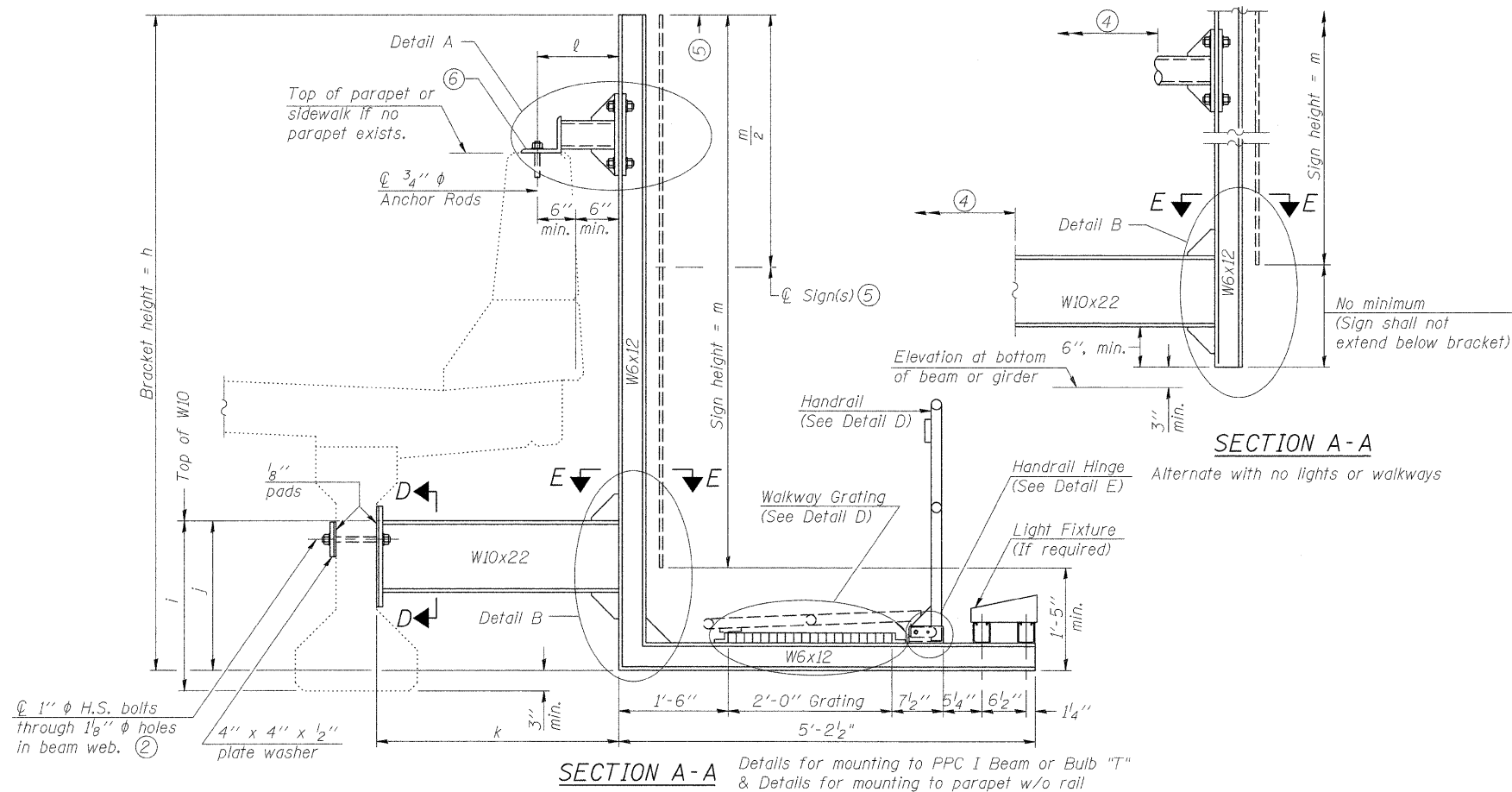
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE MOUNT SIGN STRUCTURES
GENERAL PLAN AND ELEVATION

SHEET NO. 1 OF 4 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	10101-631,ETC,0507-635KRS-3	COOK	96	87
CONTRACT NO. 60L67			ILLINOIS FED. AID PROJECT	



Notes:
 Installations not within dimensional limits shown require special analysis for all components and must be submitted to the Bureau of Bridges and Structures for approval. Contractor shall field check all pertinent existing bridge dimensions shown on plans before submitting shop drawings.
 All holes in bridge beams or girders should be located in the middle half of the member. There shall be no holes drilled in the lower quarter of the member's depth. (For R.C. girder, depth = bottom of deck to bottom of the girder.) Proposed exceptions must be approved by the Bureau of Bridges and Structures.
 The Engineer may adjust dimension "i" to meet the above condition and to keep the sign level.

- ① Holes in new steel members may be drilled in the fabrication shop or in the field. Field drill existing members.
- ② For new PPC I beams, holes shall be formed during casting. For existing PPC I beams, prestressing strand locations shall be determined and spaced to miss strands by 6", min. Minimize spalling during field drilling of existing beams.
- ③ For new construction, form holes. For existing RC beams, locate primary reinforcement and space holes to miss by 6", min. Minimize spalling and concrete fracturing/damage during field drilling of existing concrete. Spalls over 1/4" deep or beyond the coverage of the 4x4 plate washer shall be repaired with epoxy mortar before installing washer.
- ④ For attachment details of 3/2" pipe and W10x22, see other sections as applicable.
- ⑤ Sign shall not extend more than 6" above top of bracket, and this dimension may vary to keep sign level if bridge is on grade or vertical curve. Multiple signs of various heights shall share a common horizontal centerline and use equal bracket heights. If no sign is attached to a W6x12 vertical (bracket only supporting walkway), dimension h shall be the same as an adjacent bracket with a sign attached, unless Engineer specifically directs shorter brackets due to locational restraints on future uses. (See Detail A for minimum bracket height.)
- ⑥ For bridge mounted sign structures installed on new bridges with railing, during design, bracket spacing must be coordinated with railing post spacing and the Contractor must install upper brackets prior to railing installation. For bridge mounted sign structures installed on existing bridges with railing, during design, brackets spacing must be coordinated with railing post spacing and the Contractor must temporarily remove sections of railing to facilitate upper bracket installation. If it is determined during design that existing railings can't be removed, alternate upper connection details must be developed for the contract plans and approved by the Bureau of Bridges and Structures.

Structure Number	Station	h	i	j	k max. (10'-0" max.)	l max. (8'-0" max.)	m (15'-0" max.)
1B0161055L269.8	434+30	8'-9"	3'-9"	3'-6"	3'-4"	1'-0"	5'-0"
1B0161055R276.4	781+00	7'-0"	2'-0"	1'-9"	6'-3"	4'-0"	5'-0"

BM-2 1.13.11 7-1-10

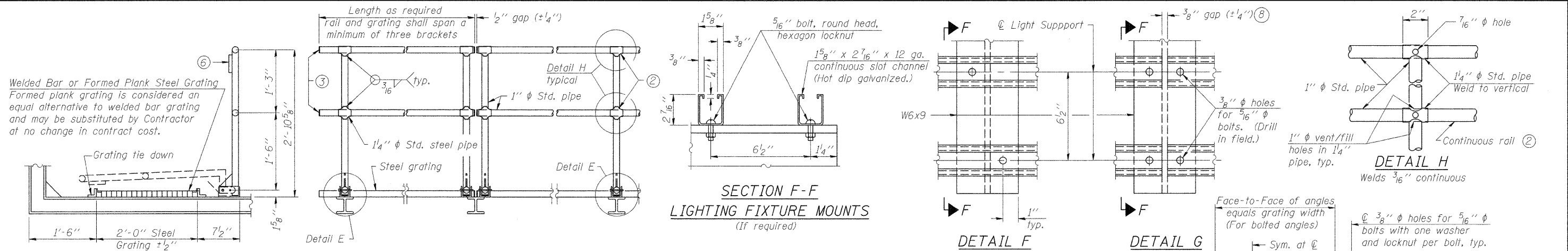
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 Chatham, Illinois

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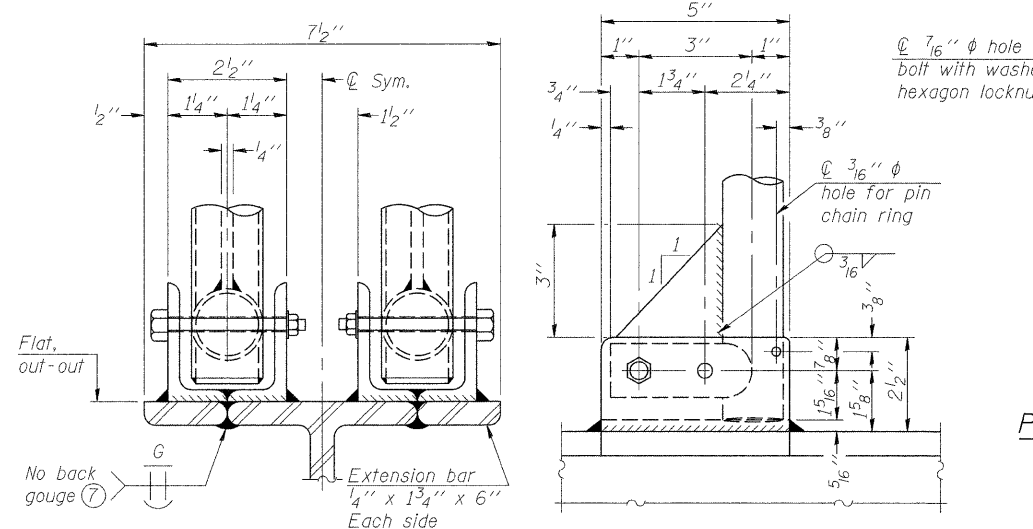
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE MOUNT SIGN STRUCTURES
WALKWAY AND CONNECTION DETAILS

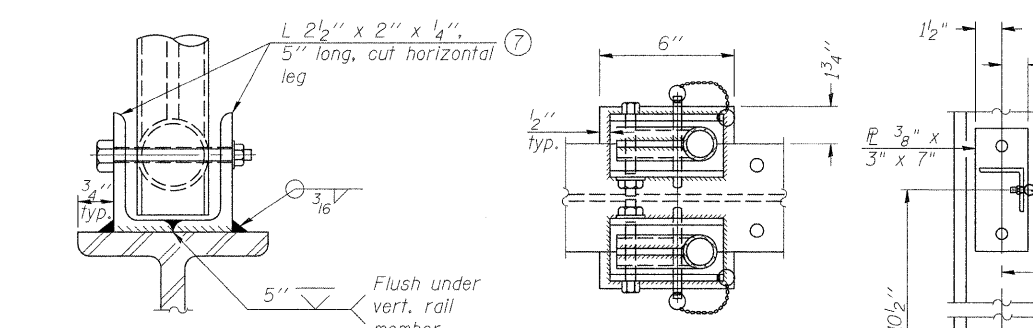
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	10101-631.ETC.0507-635KRS-3	COOK	96	88
CONTRACT NO. 60L67			ILLINOIS FED. AID PROJECT	



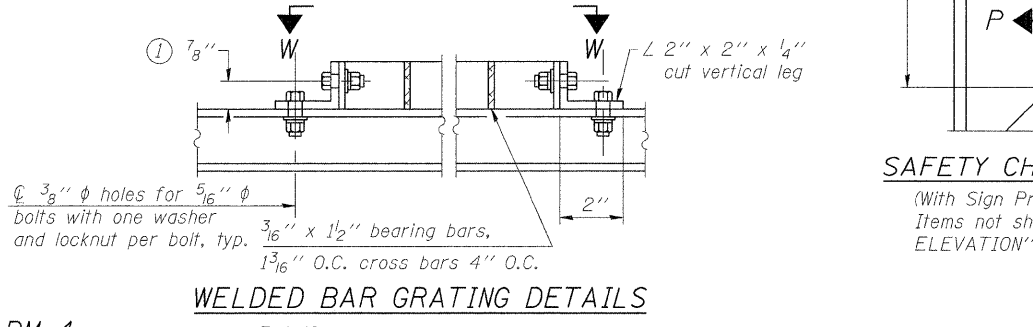
SECTION F-F LIGHTING FIXTURE MOUNTS
(If required)



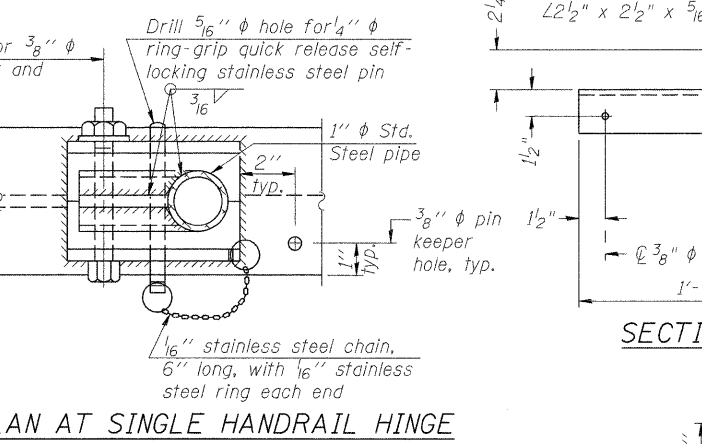
SIDE ELEVATION DETAIL D HANDRAIL FRONT ELEVATION



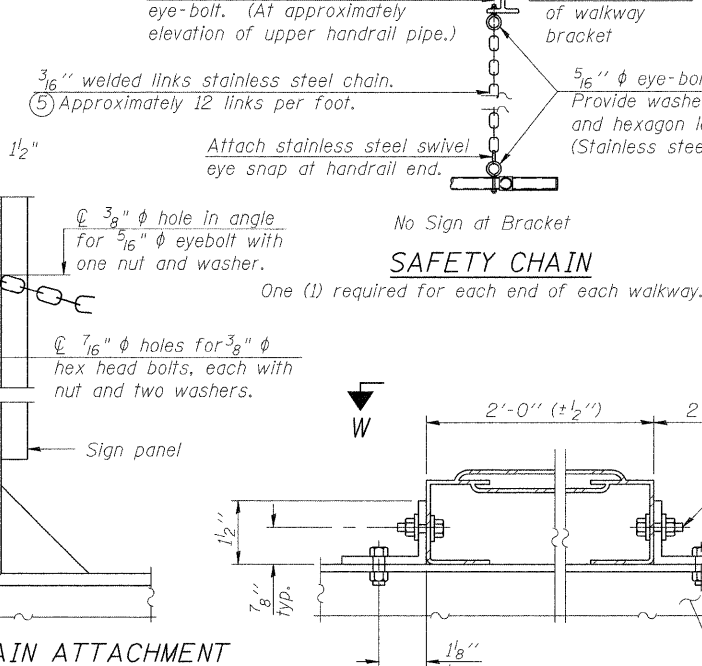
ELEVATION AT HANDRAIL JOINT SIDE ELEVATION
(Details not shown same as "FRONT ELEVATION")



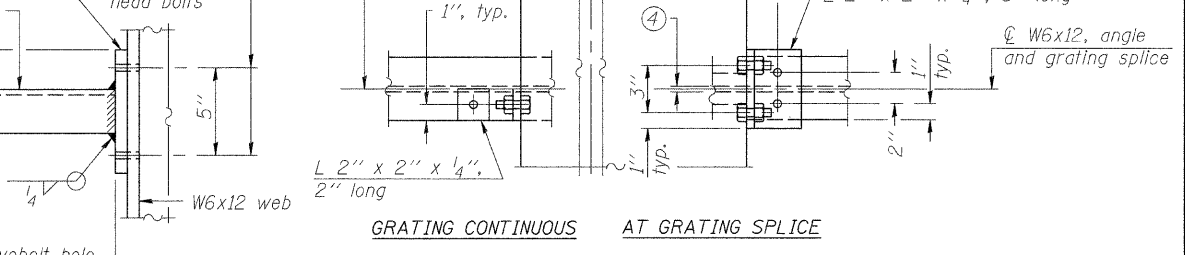
FRONT ELEVATION PLAN AT HANDRAIL JOINT SAFETY CHAIN ATTACHMENT
(See above Elevations for dimensions.) (For Details, see Elevations.)



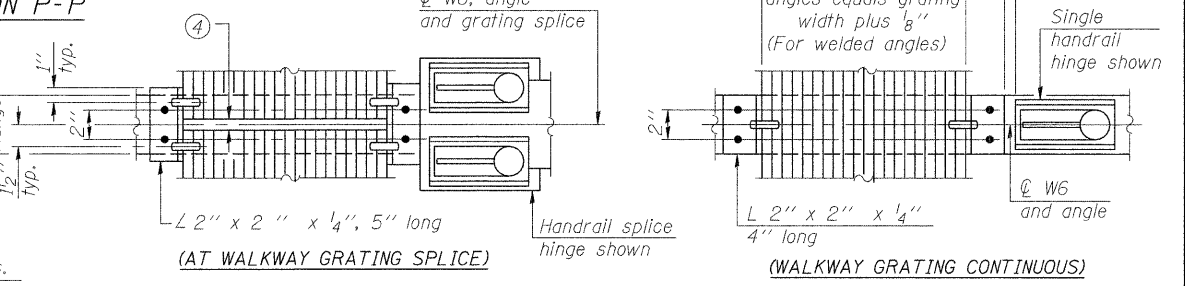
PLAN AT SINGLE HANDRAIL HINGE DETAIL E



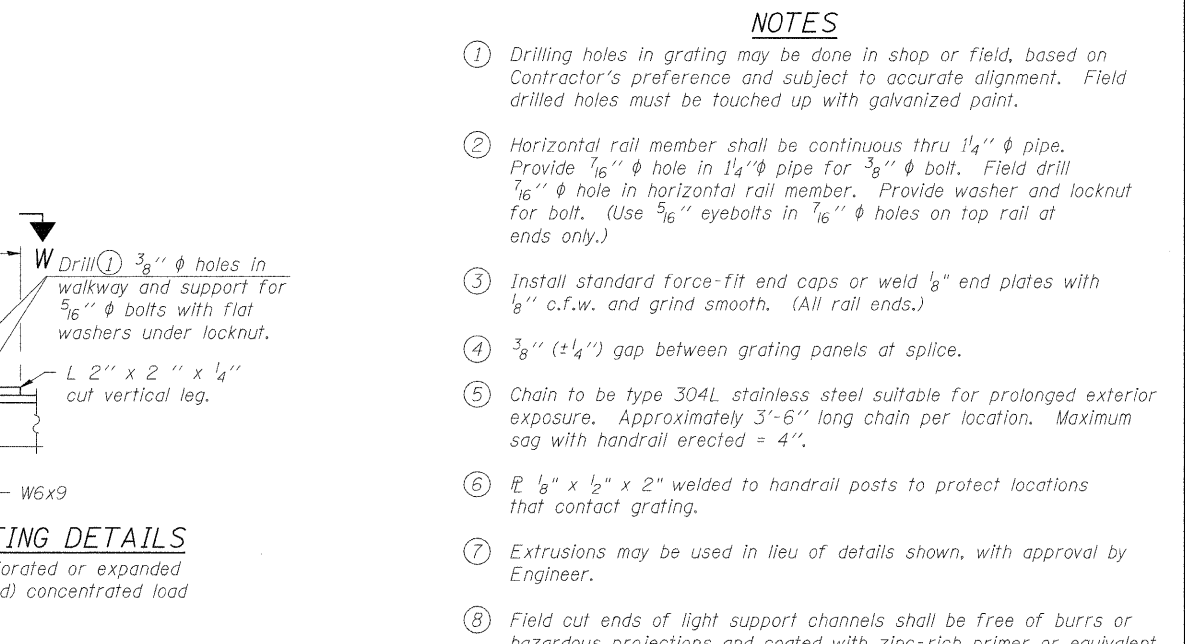
SAFETY CHAIN
One (1) required for each end of each walkway.



DETAIL F DETAIL G SECTION P-P VIEW W-W



GRATING CONTINUOUS AT GRATING SPLICE WALKWAY GRATING SPLICE WALKWAY GRATING CONTINUOUS



ALTERNATE FORMED PLANK GRATING DETAILS
Plank Grating: nominal depth = 2 1/2" (+/- 1/2"); perforated or expanded steel sheet with a non-skid surface (non-serrated) concentrated load capacity = 500 lbs. with 6'-0" clear span.

- NOTES**
- Drilling holes in grating may be done in shop or field, based on Contractor's preference and subject to accurate alignment. Field drilled holes must be touched up with galvanized paint.
 - Horizontal rail member shall be continuous thru 1 1/4 inch diameter pipe. Provide 7/16 inch diameter hole in 1 1/4 inch diameter pipe for 3/8 inch diameter bolt. Field drill 7/16 inch diameter hole in horizontal rail member. Provide washer and locknut for bolt. (Use 5/16 inch diameter eyebolts in 7/16 inch diameter holes on top rail at ends only.)
 - Install standard force-fit end caps or weld 1/8 inch end plates with 1/8 inch c.f.w. and grind smooth. (All rail ends.)
 - 3/8 inch (plus or minus 1/4 inch) gap between grating panels at splice.
 - Chain to be type 304L stainless steel suitable for prolonged exterior exposure. Approximately 3'-6" long chain per location. Maximum sag with handrail erected = 4".
 - 1/8 inch x 1/2 inch x 2 inch welded to handrail posts to protect locations that contact grating.
 - Extrusions may be used in lieu of details shown, with approval by Engineer.
 - Field cut ends of light support channels shall be free of burrs or hazardous projections and coated with zinc-rich primer or equivalent.

BM-4 1-13-11 7-1-10

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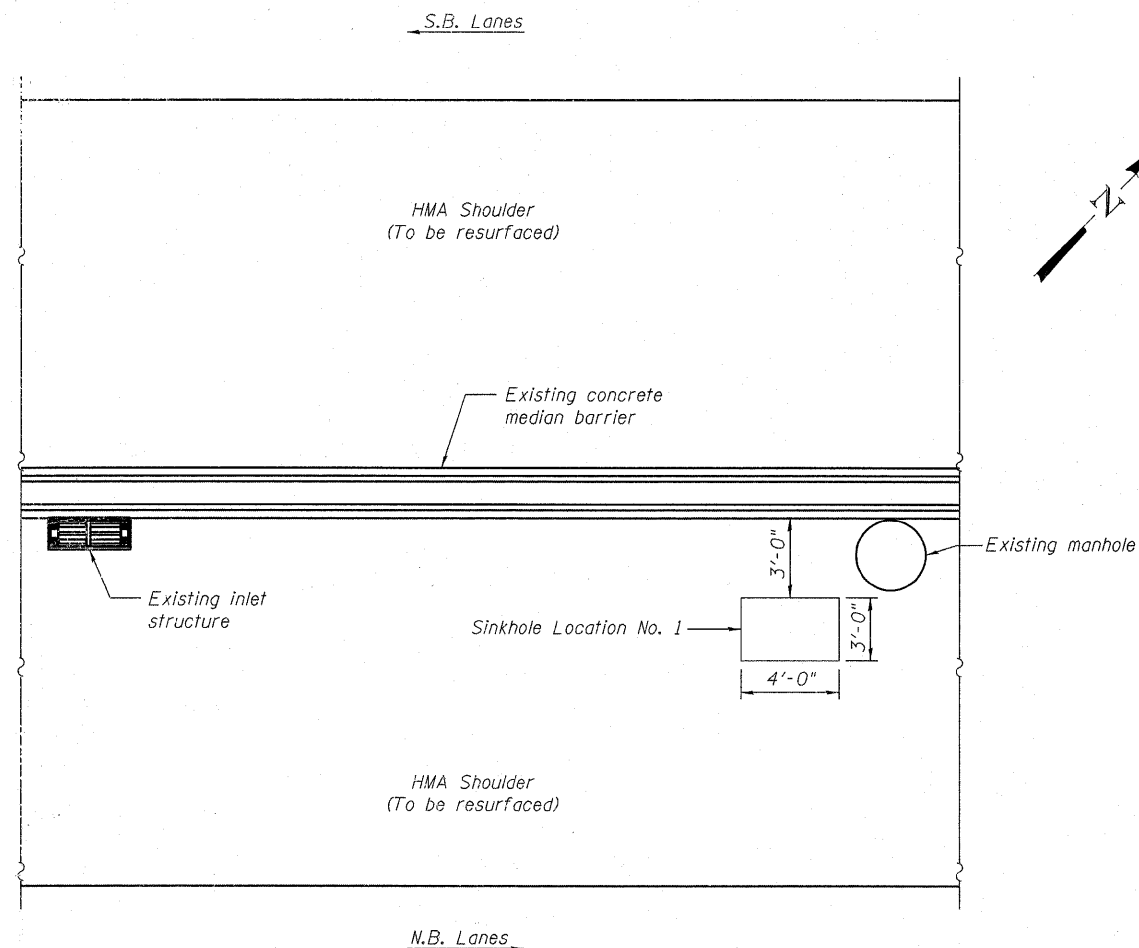
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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

BRIDGE MOUNT SIGN STRUCTURES WALKWAY DETAILS
SHEET NO. 4 OF 4 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(0101-631,ETC,0507-635)KRS-3	COOK	96	90
CONTRACT NO. 60L67			ILLINOIS FED. AID PROJECT	



PLAN

Notes:

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 at the unit price bid for the work.

Sinkhole repair dimensions shown are based on 01-05-11 field inspection and should not be considered final. The actual dimensions to be repaired will be determined by the Engineer at the time of construction.

It shall be the Contractor's responsibility to verify the location of the existing underground and/or median barrier utilities prior to starting construction.

SCOPE OF WORK

1. Saw cut and remove shoulder pavement according to Article 440 of the Standard Specifications. The sinkhole excavation limits shall be approved in the field by the Engineer.
2. Remove existing soil within the limits of excavation to a minimum depth of 2 feet below grade. Replace with Granular Subbase according to Article 311 of the Standard Specifications.
3. Replace shoulder pavement according to the resurfacing plans. The Contractor shall take appropriate measures to prevent the Granular Subbase from being exposed without HMA resurfacing for a prolonged period as determined by the Engineer. Pavement quantity included in resurfacing plans.
4. Clean out dirt and debris from existing pipe underdrain located in the inlet structure.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Removal and Disposal of Unsuitable Material	Cu. Yd.	6.7
Paved Shoulder Removal	Sq. Yd.	10
Subbase Granular Material, Type B	Cu. Yd.	6.7
Cleaning Underdrain Outlets	Each	1

1.13-II

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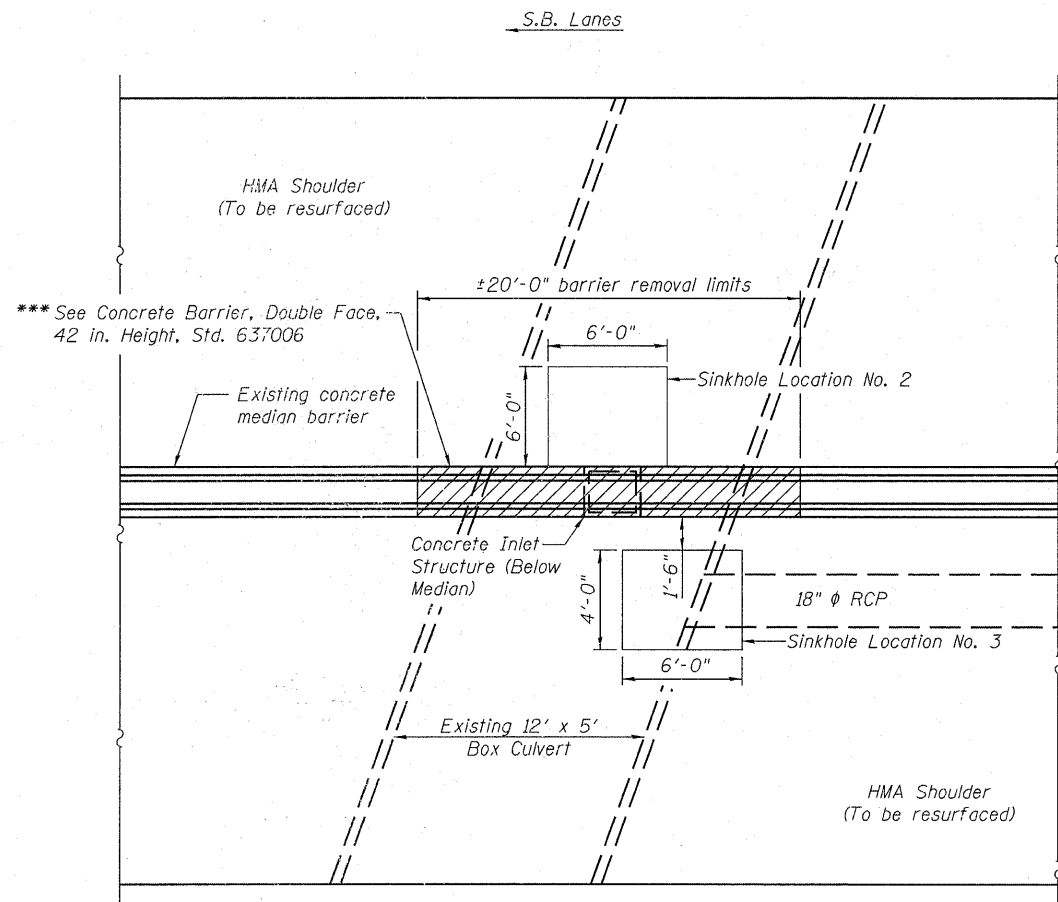
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DEPARTMENT OF TRANSPORTATION**

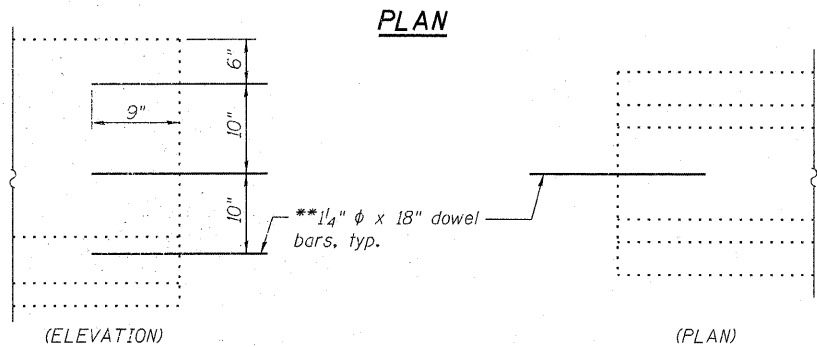
**SINKHOLE LOCATION NO. 1
NEAR STATION 165+00**

SHEET NO. 1 OF 4 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-079-RS	COOK/DUPAGE	26	20A
CONTRACT NO. 60L67			ILLINOIS FED. AID PROJECT	



*** Match existing dimensions. Protective Coat shall be applied on top and side faces of new barrier.



BARRIER REPAIR DETAIL

**Drill and epoxy grout according to Article 584 of the Standard Specifications, included in the cost of Concrete Barrier Removal and Replacement Double Face.

Notes:

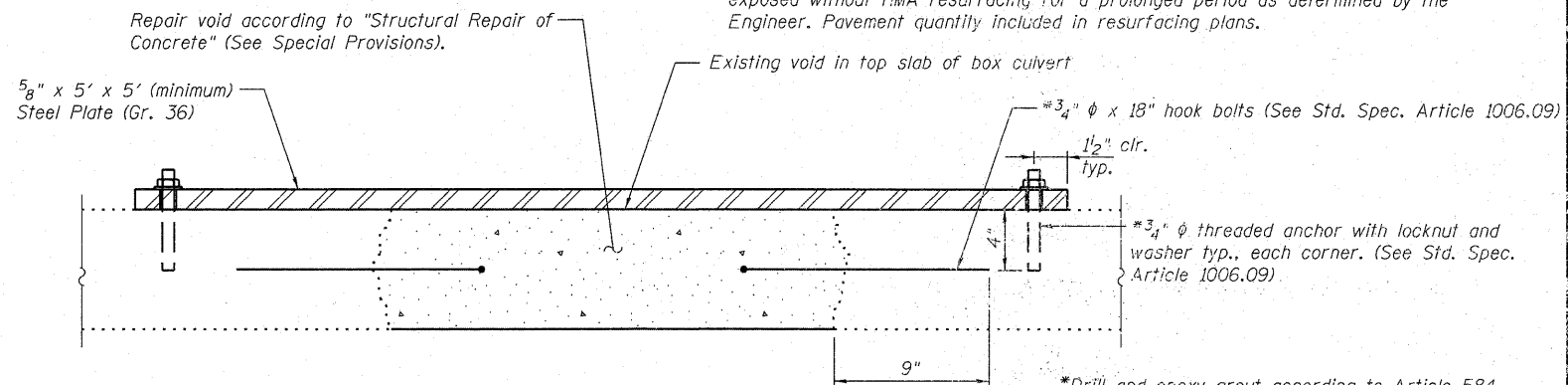
Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall 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 at the unit price bid for the work.

Sinkhole repair dimensions shown are based on 01-05-11 field inspection and should not be considered final. The actual dimensions to be repaired will be determined by the Engineer at the time of construction.

It shall be the Contractor's responsibility to verify the location of the existing underground and/or median barrier utilities prior to starting construction.

SCOPE OF WORK

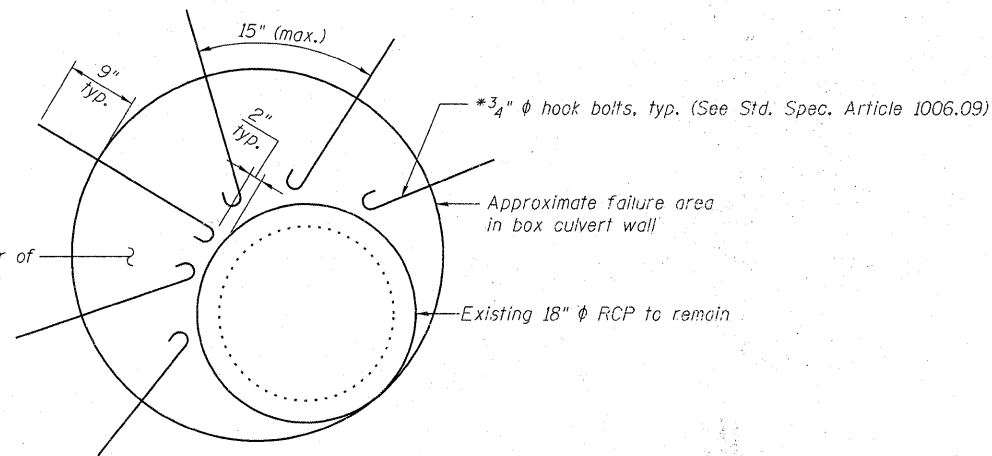
1. Saw cut and remove shoulder pavement according to Article 440 of the Standard Specifications. The sinkhole excavation limits shall be approved in the field by the Engineer.
2. Saw cut and remove Concrete Median Barrier as shown.
3. Remove concrete inlet structure and existing soil within the limits of excavation to a minimum depth of 2 feet below original grade or as necessary to complete culvert repairs. Replace with Granular Subbase according to Article 311 of the Standard Specifications. Contractor shall take appropriate precautions to protect the roadway during excavation and repair.
4. Repair culvert wall and top slab of culvert.
5. Replace the Concrete Median Barrier to match existing conditions and in accordance with Article 637 of the Standard Specifications.
6. Replace shoulder pavement according to the resurfacing plans. The Contractor shall take appropriate measures to prevent the Granular Subbase from being exposed without HMA resurfacing for a prolonged period as determined by the Engineer. Pavement quantity included in resurfacing plans.



SECTION THRU TOP SLAB OF CULVERT

*Drill and epoxy grout according to Article 584 of the Standard Specifications, included in the cost of Structural Steel Repair.

Repair void according to "Structural Repair of Concrete" (See Special Provisions) prior to backfilling and compacting behind culvert.



ELEVATION VIEW OF CULVERT WALL AT 18" RCP

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Removal and Disposal of Unsuitable Material	Cu. Yd.	29.3
Paved Shoulder Removal	Sq. Yd.	30
Subbase Granular Material, Type B	Cu. Yd.	29.3
Concrete Barrier Removal and Replacement Double Face, 42 in.	Foot	20
Structural Repair of Concrete (Depth Greater than 5 in.)	Sq. Ft.	20
Structural Steel Repair	Pound	640
Protective Coat	Sq. Yd.	20

1.13.11

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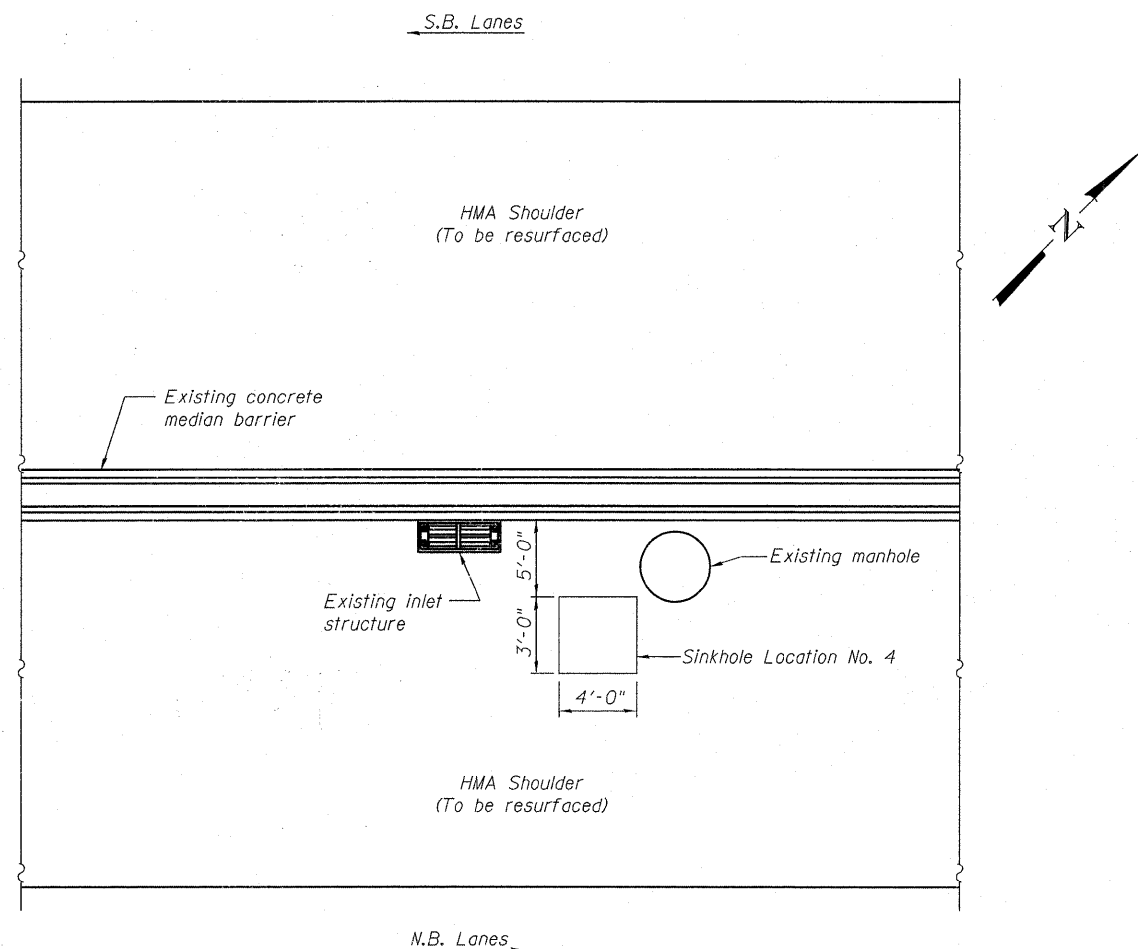
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SINKHOLE LOCATION NOS. 2 & 3
NEAR STATION 262+20**

SHEET NO. 2 OF 4 SHEETS

F.A.I. RTE. 55	SECTION 2010-079-RS	COUNTY COOK/DUPAGE	TOTAL SHEETS 26	SHEET NO. 208
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60L67	



PLAN

Notes:

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 at the unit price bid for the work.

Sinkhole repair dimensions shown are based on 01-05-11 field inspection and should not be considered final. The actual dimensions to be repaired will be determined by the Engineer at the time of construction.

It shall be the Contractor's responsibility to verify the location of the existing underground and/or median barrier utilities prior to starting construction.

SCOPE OF WORK

1. Saw cut and remove shoulder pavement according to Article 440 of the Standard Specifications. The sinkhole excavation limits shall be approved in the field by the Engineer.
2. Remove existing soil within the limits of excavation to a minimum depth of 2 feet below original grade. Replace with Granular Subbase according to Article 311 of the Standard Specifications.
3. Repair void at underdrain connection inside the manhole.
4. Replace shoulder pavement according to the resurfacing plans. The Contractor shall take appropriate measures to prevent the Granular Subbase from being exposed without HMA resurfacing for a prolonged period as determined by the Engineer. Pavement quantity included in resurfacing plans.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Removal and Disposal of Unsuitable Material	Cu. Yd.	6.7
Paved Shoulder Removal	Sq. Yd.	10
Subbase Granular Material, Type B	Cu. Yd.	6.7
Connection of Existing Pipe Underdrain	Each	1

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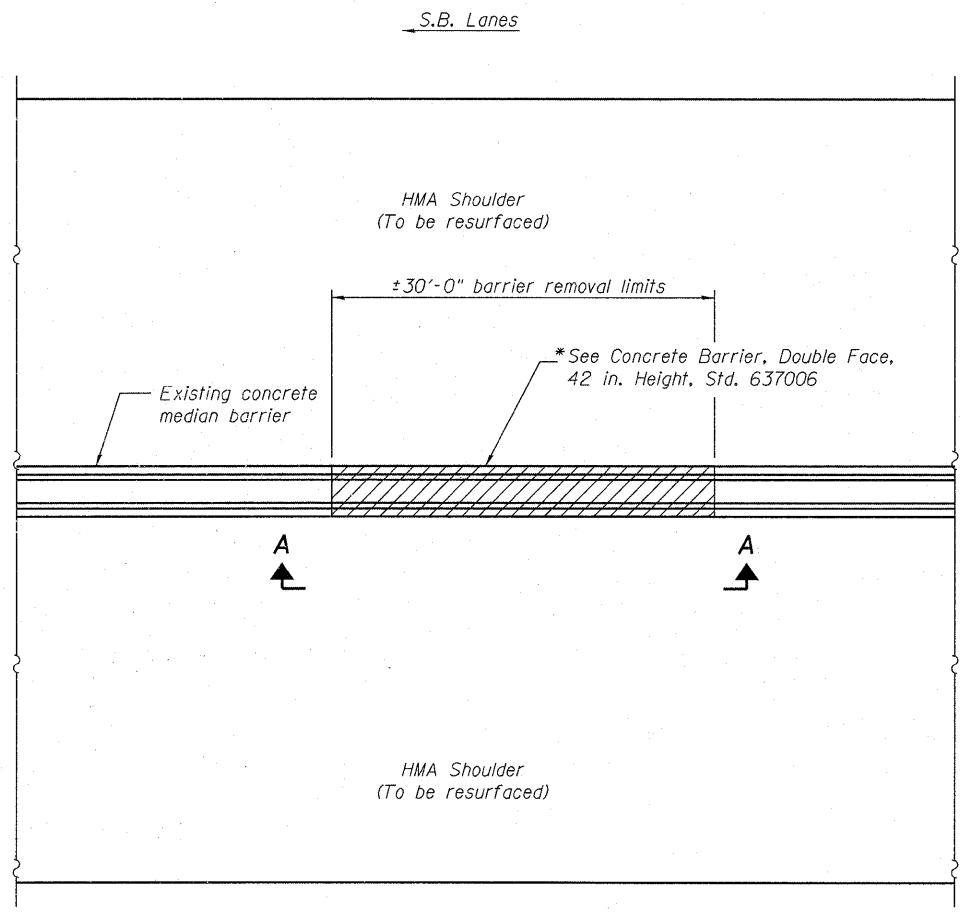
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SINKHOLE LOCATION NO. 4
NEAR STATION 288 + 44

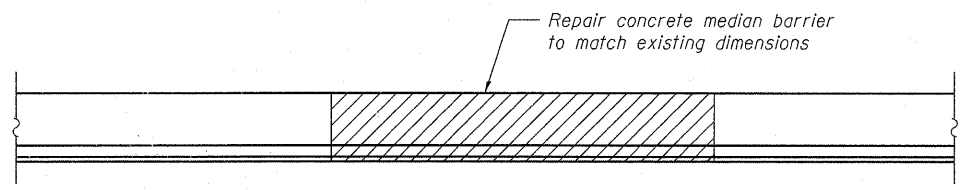
SHEET NO. 3 OF 4 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-079-RS	COOK/DUPAGE	96	90C
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60L67	



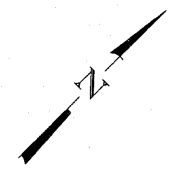
* Match existing dimensions. Protective Coat shall be applied on top and side faces of new barrier.

PLAN



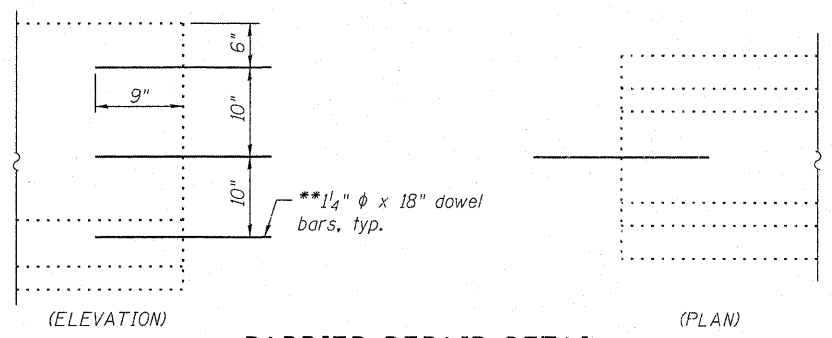
VIEW A-A

Notes:
 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 at the unit price bid for the work.
 Repair dimensions shown are based on 01-05-11 field inspection and should not be considered final. The actual dimensions to be repaired will be determined by the Engineer at the time of construction.
 It shall be the Contractor's responsibility to verify the location of the existing underground and/or median barrier utilities prior to starting construction.



SCOPE OF WORK

1. Saw cut and remove and replace Concrete Median Barrier to match existing conditions and in accordance with Article 637 of the Standard Specifications.



BARRIER REPAIR DETAIL

**Drill and epoxy grout according to Article 584 of the Standard Specifications, included in the cost of Concrete Barrier Removal and Replacement Double Face.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Concrete Barrier Removal and Replacement Double Face, 42 in.	Foot	30
Protective Coat	Sq. Yd.	30

1. 13. 11

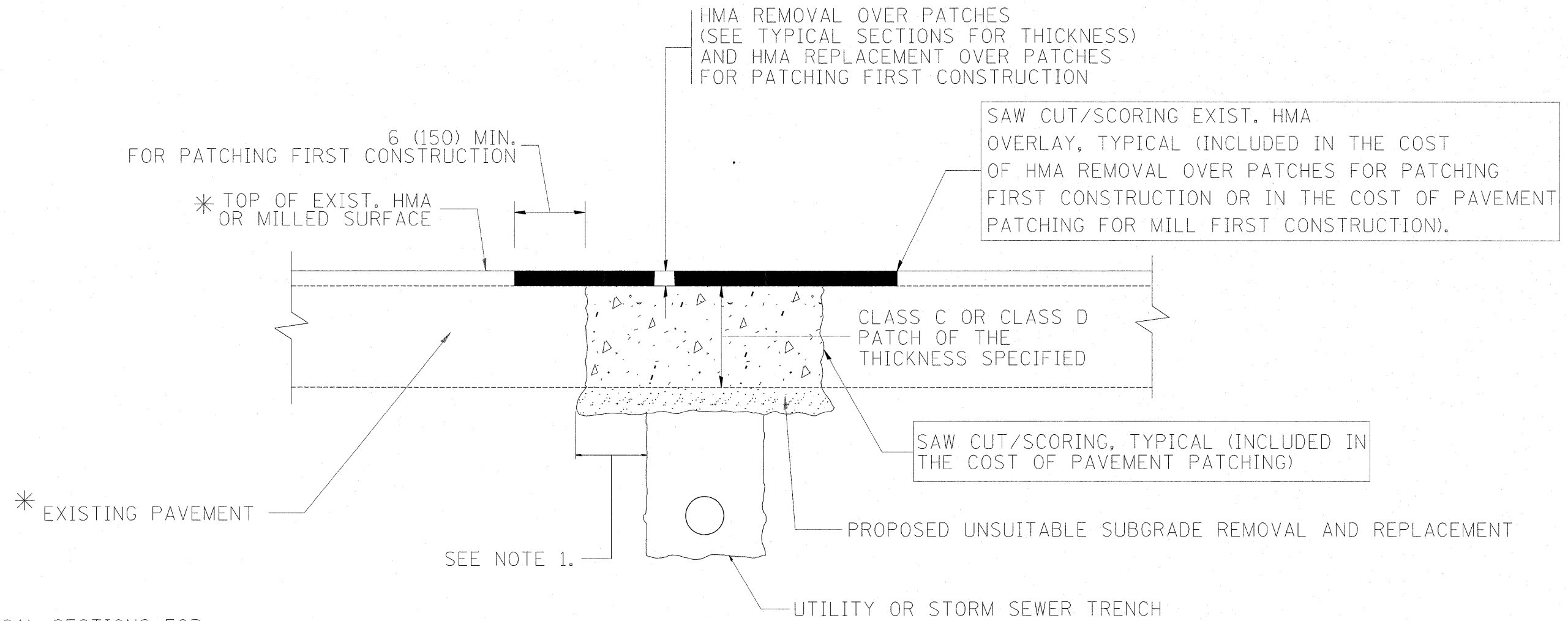
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 DEPARTMENT OF TRANSPORTATION**

**BARRIER REPAIR
 NEAR STATION 260 + 50**
 SHEET NO. 4 OF 4 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-079-RS	COOK/DUPAGE	26	20 D
CONTRACT NO. 60L67				
[ILLINOIS] FED. AID PROJECT				



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

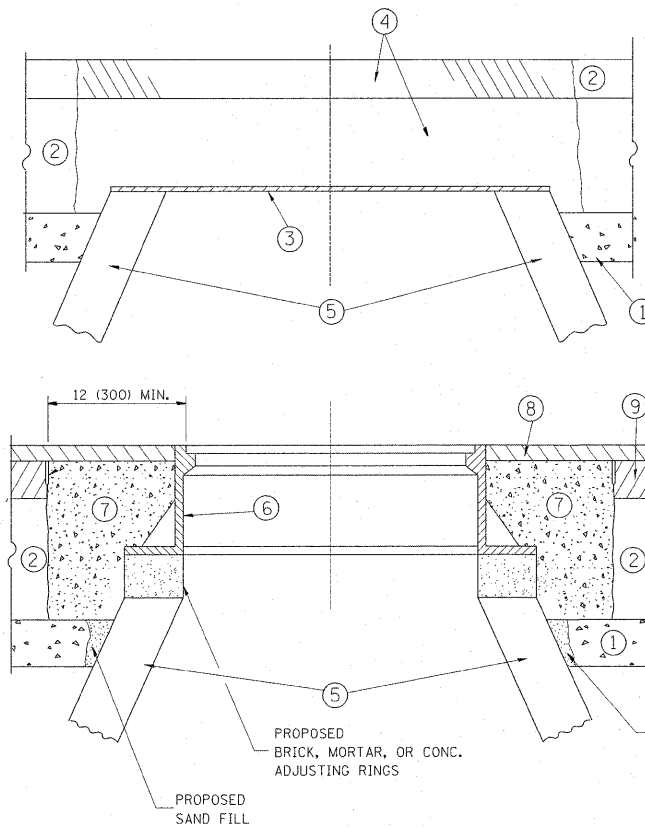
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

FILE NAME =	USER NAME = galbenjr	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw\work\pwr\d0212968\Dist	std.dgn	DRAWN -	REVISED - R. BORO 01-01-07			55	2010-079-RS	COOK/DUPAGE	96	91
	PLOT SCALE = 50.7684' / IN.	CHECKED -	REVISED - R. BORO 09-04-07			BD400-04 (BD-22)		CONTRACT NO. 60L67		
	PLOT DATE = 1/3/2011	DATE - 10-25-94	REVISED - K. ENG 10-27-08			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS SI CONCRETE, OR HMA SURFACE COURSE OR HMA BINDER COURSE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS.

LEGEND

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS SI CONCRETE, HMA SURFACE COURSE OR HMA BINDER COURSE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES:

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT: THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "FRAMES AND LIDS TO BE ADJUSTED, SPECIAL"

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

NOTES:

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

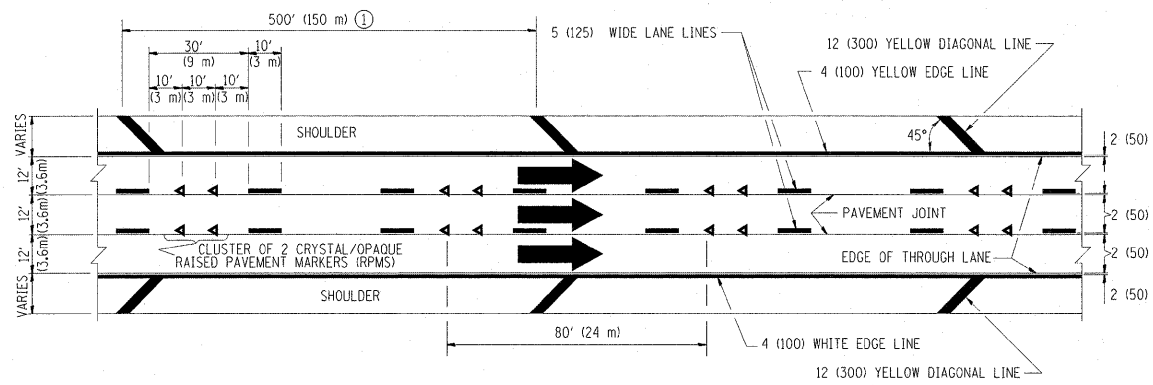
THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

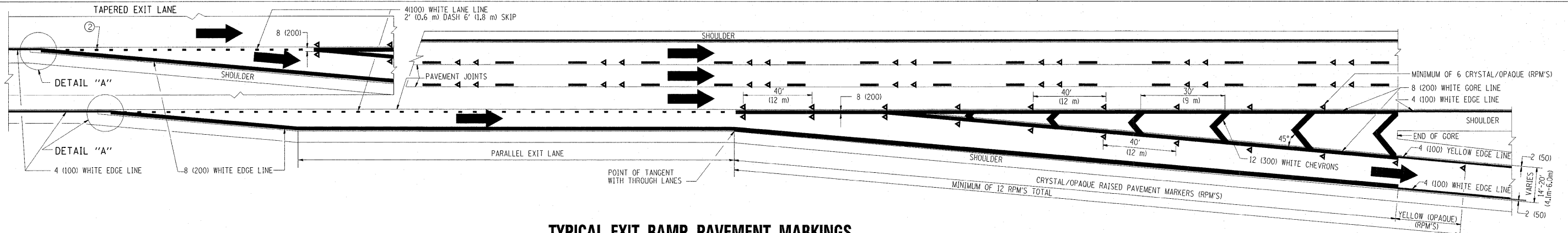
FILE NAME =	USER NAME = galbanjr	DESIGNED - R. SHAH	REVISED - R. SHAH 03-10-95	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING	F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pwork\pwork\galbanjr\0212963\01.st	DRAWN -	REVISED - A. ABBAS 03-21-97	55			2010-079-RS	COOK/DUPAGE	96	92	
PLOT SCALE = 50.7684' / IN.	CHECKED -	REVISED - R. WIEDEMAN 05-14-04	BD600-03 (BD-8)			CONTRACT NO. 60L67				
PLOT DATE = 1/3/2011	DATE - 10-25-94	REVISED - R. BORO 01-01-07	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							



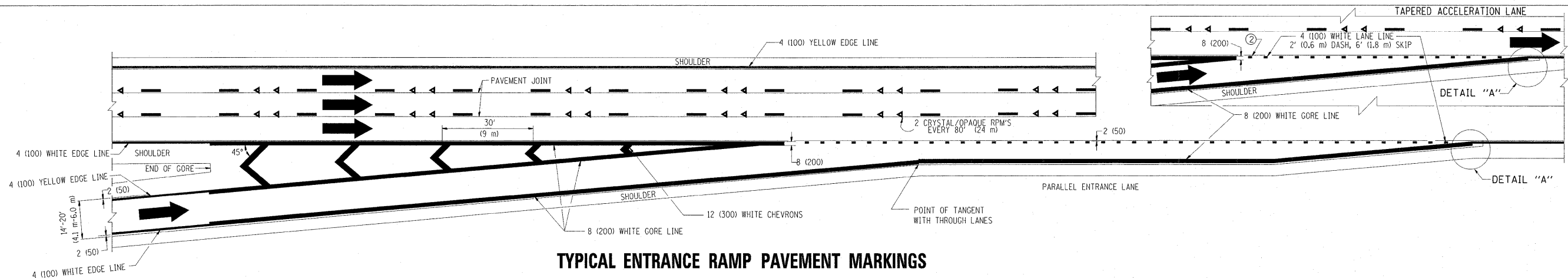
TYPICAL EDGE LINES & LANE LINES

PAVEMENT MARKING MATERIALS

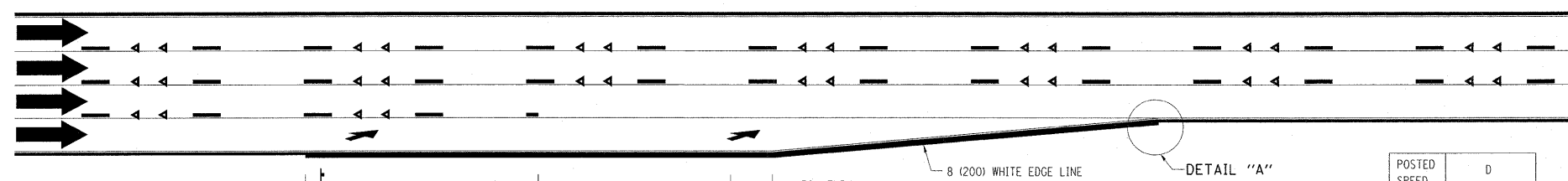
1. THERMO PLASTIC PAVEMENT MARKING LINE SHALL BE USED FOR THE EDGE LINES, GORE LINES, AND DIAGONAL LINES ON BITUMINOUS PAVEMENT ONLY.
2. PREFORMED PLASTIC TYPE B PAVEMENT MARKING LINE SHALL BE USED FOR ALL LANE LINES ON BITUMINOUS PAVEMENT.
3. POLYUREA PAVEMENT MARKING SHALL BE USED FOR ALL MARKINGS ON PCC.



TYPICAL EXIT RAMP PAVEMENT MARKINGS

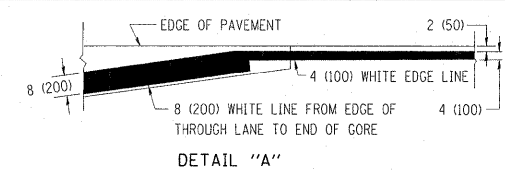


TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS



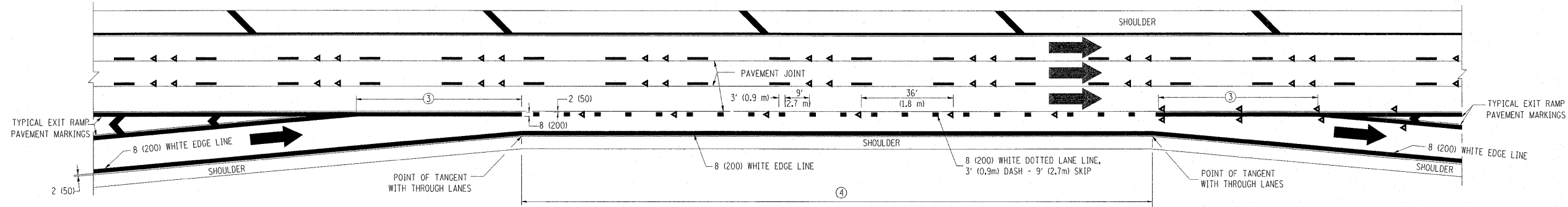
LANE REDUCTION PAVEMENT MARKINGS

POSTED SPEED LIMIT	D DISTANCE
45 MPH	750' (230 m)
55 MPH	950' (290 m)
65 MPH	1200' (365 m)

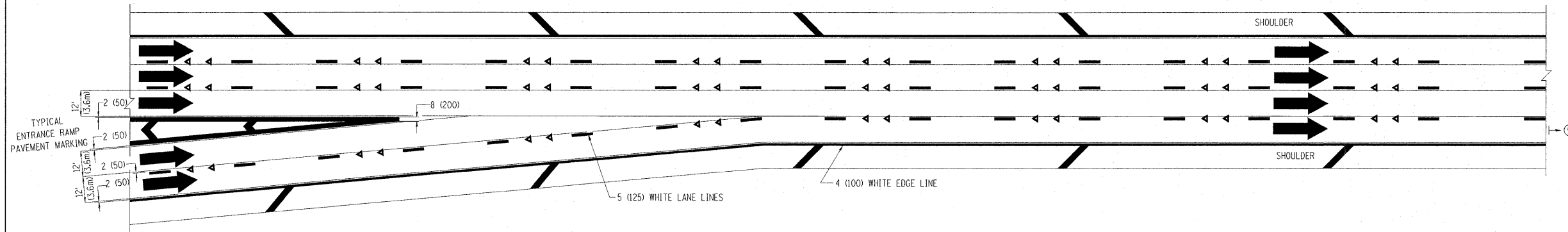


NOTES:

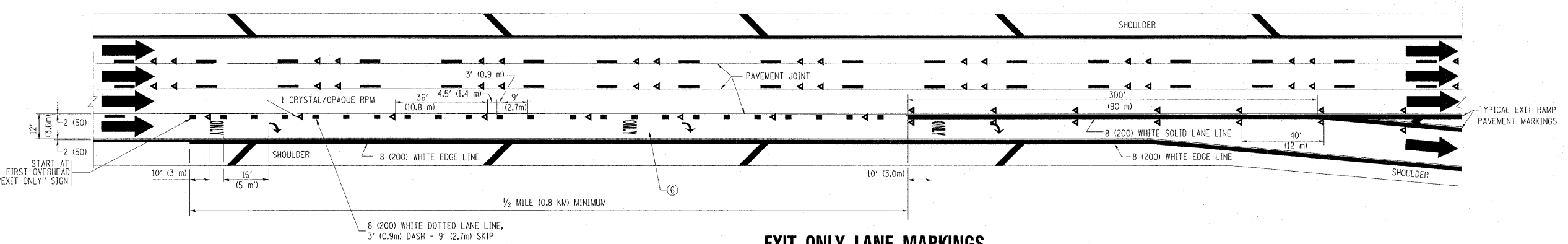
- ① THE DIAGONAL LINES SHALL BE SPACED AT 40' (12 m) C-C ACROSS ALL STRUCTURES WHICH ARE 500' (150 m) OR LESS IN LENGTH. THE DIAGONAL LINES ARE NOT REQUIRED ON SHOULDERS WHICH ARE 6' (1.8 m) OR LESS IN WIDTH.
- ② 4" (2' DASH, 6' SKIP) MARKING ON TAPERED ENTRANCE AND EXIT RAMP SHALL BE OMITTED ON TANGENT SECTIONS.



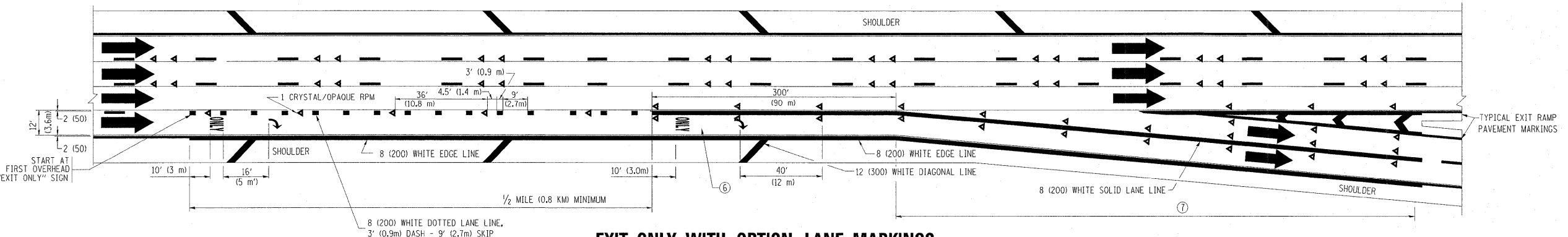
AUXILIARY LANE MARKINGS



TWO LANE ENTRANCE RAMP WITH MERGE MARKINGS



EXIT ONLY LANE MARKINGS

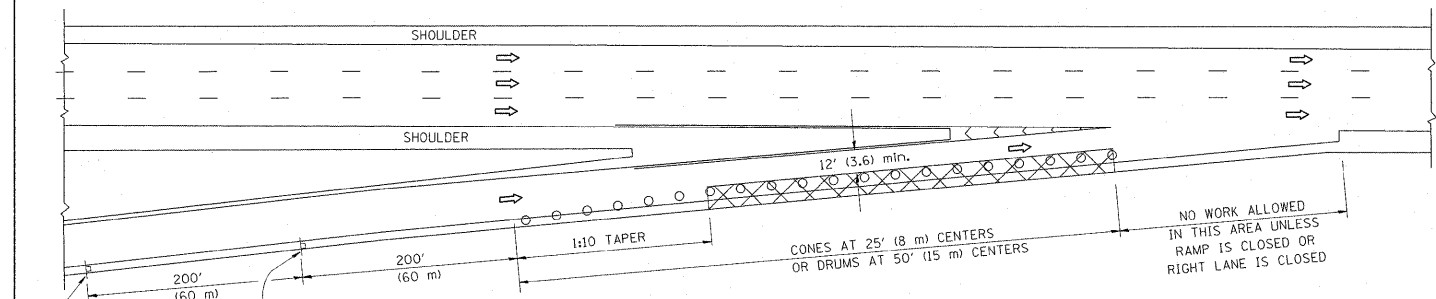


EXIT ONLY WITH OPTION LANE MARKINGS

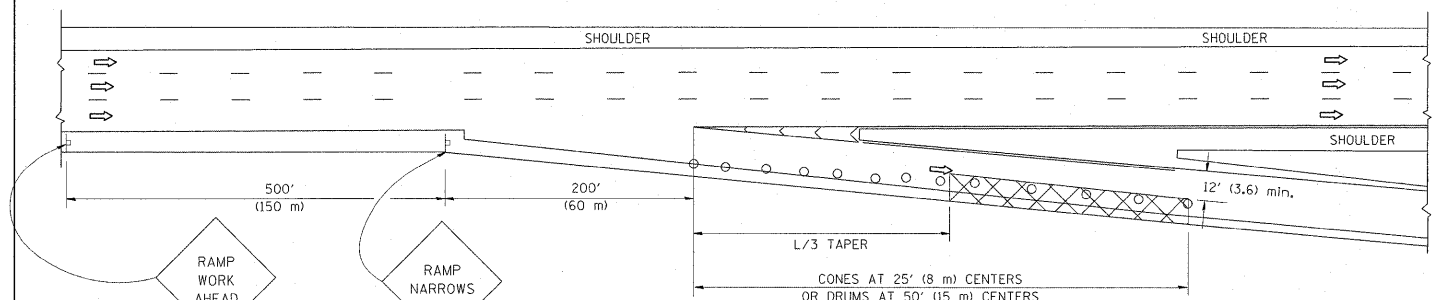
- NOTES**
- ③ OMIT WHEN LENGTH OF AUXILIARY LANE IS LESS THAN 500' (150 m).
 - ④ 8-INCH WIDE DOTTED LANE LINE MARKINGS SHALL BE USED WHEN THE LENGTH OF THE AUXILIARY LANE IS 2 MILES OR LESS.
 - ⑤ FOR TWO-LANE ENTRANCE RAMP, IF RIGHT LANE ENDS, USE TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS.
 - ⑥ ONLY AND ARROWS EQUALLY SPACED, 500' (150 m) MAXIMUM SPACING. FULL SIZE LETTERS AND ARROW SHALL BE USED.
 - ⑦ CONTINUE 8" SOLID LANE LINE THROUGH EXIT TO END OF PAVED GORE.

FILE NAME =	USER NAME = galbarjr	DESIGNED - D.W.S.	REVISED - D.W.S. 07-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS		F.A.I. RTE. 55	SECTION 2010-079-RS	COUNTY COOK/DUPAGE	TOTAL SHEETS 96	SHEET NO. 94
cr:\pwork\pwidot\galbarjr\d0212963\01st	Std.dgn	DRAWN -	REVISED - J.A.F. 02-06		SCALE: NONE	SHEET NO. 2 OF 2 SHEETS	STA. TO STA.	TC-12		CONTRACT NO. 60L67	
	PLOT SCALE = 50.7684' / IN.	CHECKED -	REVISED - S.P.B. 01-07		FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT						
	PLOT DATE = 1/31/2011	DATE - 01-90	REVISED - S.P.B. 01-10								

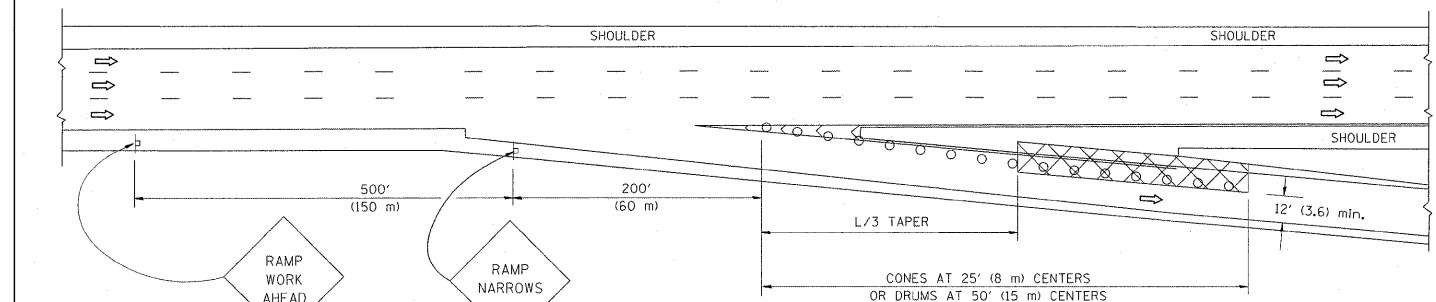
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

SYMBOLS

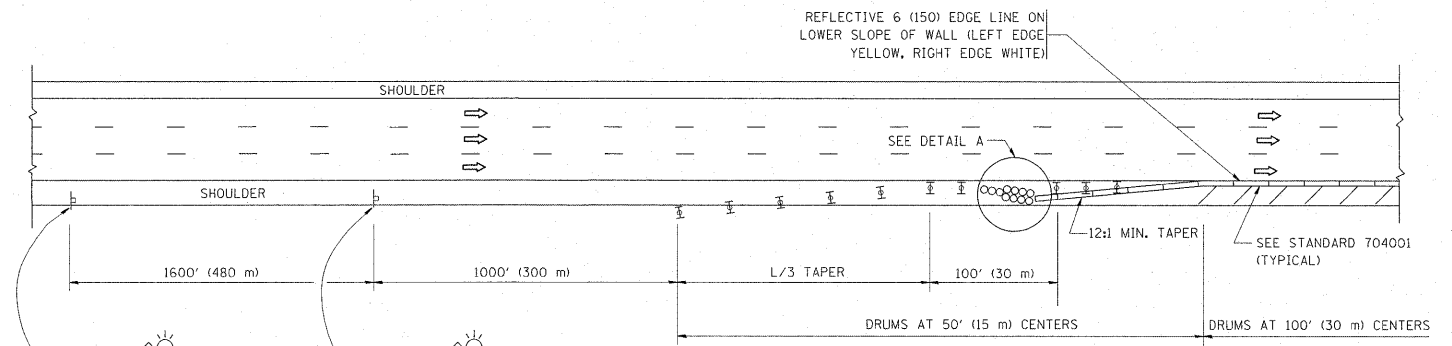
- ACTIVE WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE

GENERAL NOTES

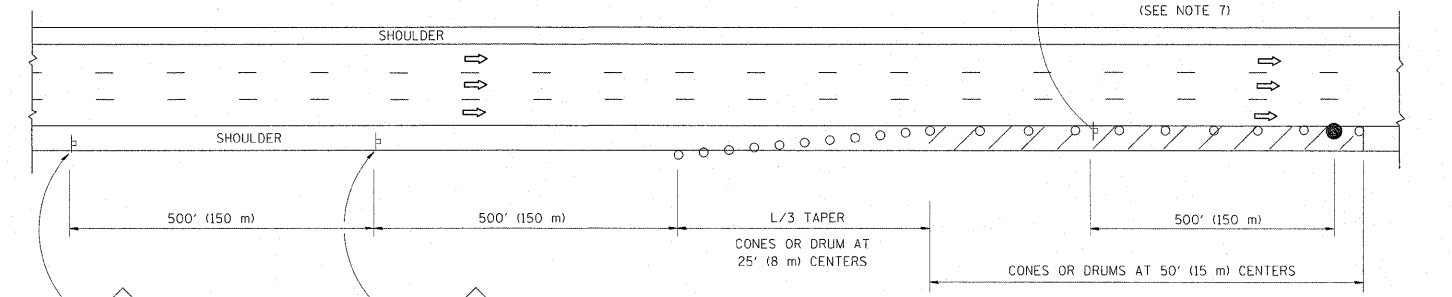
1. THE "L" DISTANCE EQUALS:

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

SHOULDER CLOSURE DETAILS



PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE

THIS DETAIL IS USED WHERE:
1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCR OACH IN AN AREA CLOSER THAN 15' (4.5 m) TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES.

ARRAY DESIGN PER MANUFACTURER TO BE NCHRP 350 COMPLIANT.

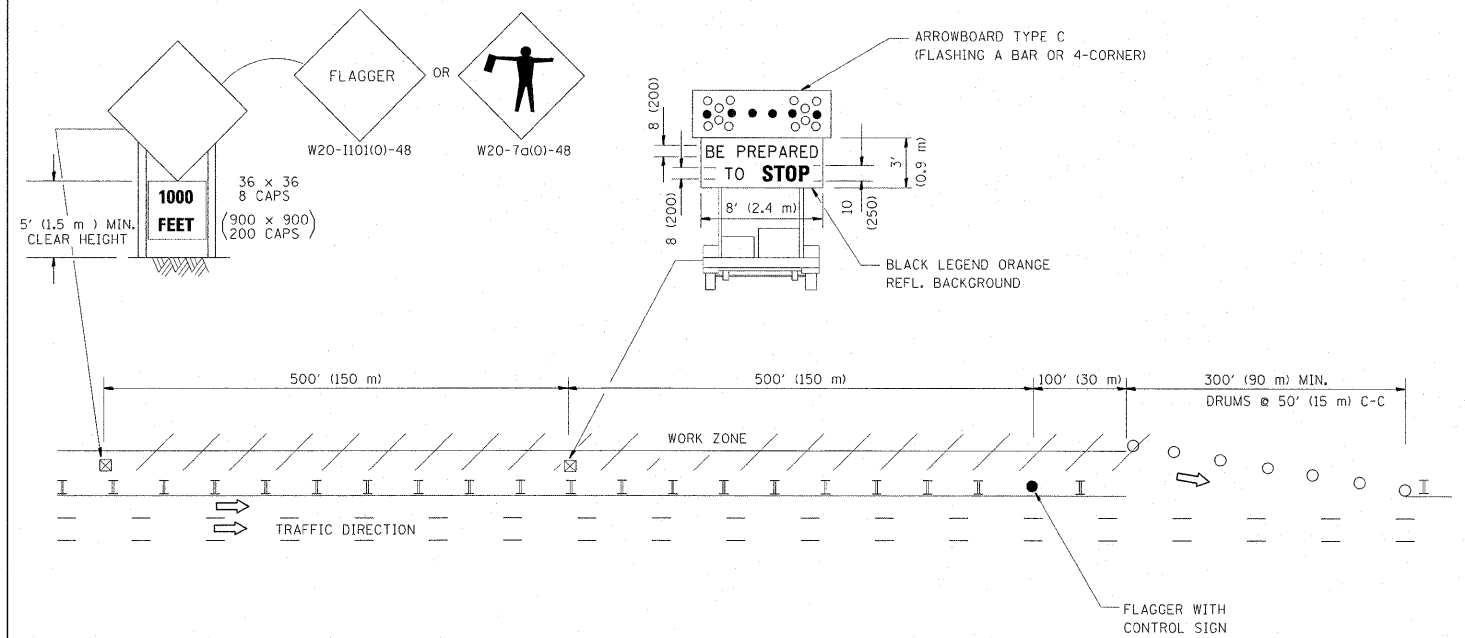
DETAIL "A"
IMPACT ATTENUATOR, TEMPORARY
(SEE NOTE 5)

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

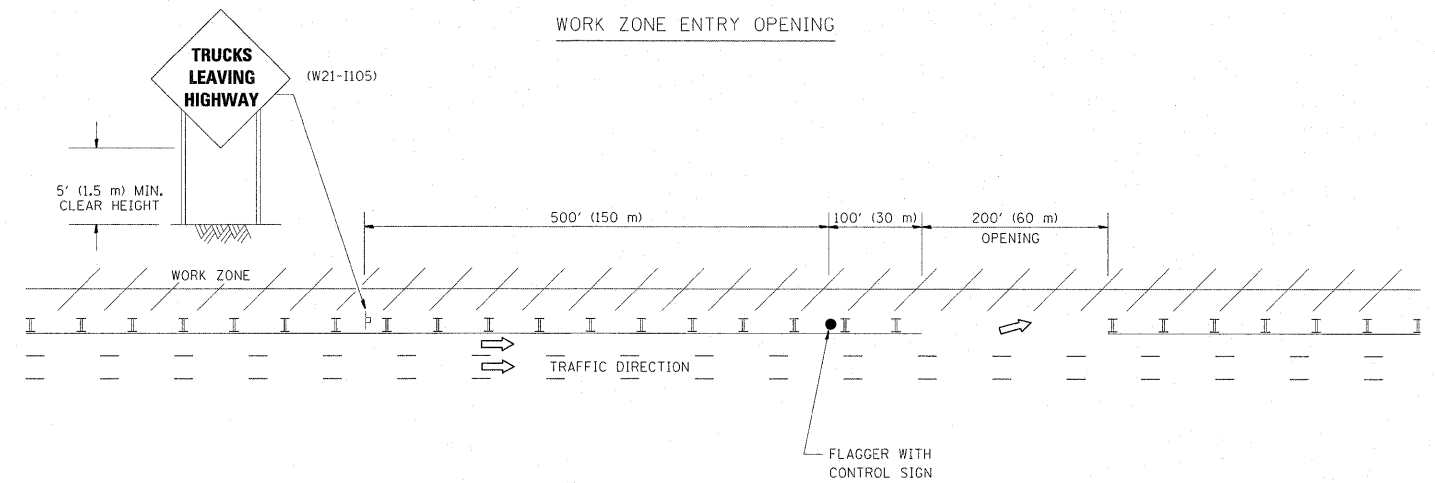
FILE NAME =	USER NAME = galbenjr	DESIGNED -	REVISED - 04-03	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES	F.A.I. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca:\pwork\pwidot\galbenjr\d212968\01std.dgn	DRAWN - D.W.S.	REVISED - J.A.F. 12-06	REVISED - S.P.B. 01-07			55	2010-079-RS	COOK/DUPAGE	96	95	
PLOT SCALE = 50/7684 // IN.	CHECKED -	REVISED - S.P.B. 12-09				TC-17		CONTRACT NO. 60L67			
PLOT DATE = 1/31/2011	DATE - 11-96					SCALE: NONE		SHEET NO. 1 OF 1 SHEETS		STA. TO STA.	

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

WORK ZONE EXIT OPENING



WORK ZONE ENTRY OPENING



NOTES:

1. THE ARROWBOARD, THE FLAGGER AHEAD SIGN AND THE TRUCKS LEAVING HIGHWAY SIGN SHALL BE REMOVED OR TURNED AWAY FROM TRAFFIC AND THE EXIT AND ENTRY OPENINGS SHALL BE CLOSED WHEN THE FLAGGING OPERATION CEASES. NON OPERATING EQUIPMENT SHALL COMPLY WITH ARTICLE 701.11
2. WORK ZONE EXIT OPENINGS SHOULD BE A MINIMUM OF ONE HALF MILE APART.
3. EXITING THE WORK ZONE AT ANY PLACE OTHER THAN AT A WORK ZONE EXIT OPENING WILL BE PROHIBITED.
4. ALL VEHICLES SHALL ENTER THE WORK ZONE AT ENTRY OPENINGS, USING THEIR TURN SIGNALS TO WARN MOTORISTS

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = galbanjr	DESIGNED -	REVISED - J.A.F. 04-03
ct:\pw_work\pwidot\galbanjr\0212968\Dist\Std.dgn		DRAWN -	REVISED - J.A.F. 02-06
	PLOT SCALE = 50.7684 1/1 IN.	CHECKED -	REVISED - S.P.B. 01-07
	PLOT DATE = 1/3/2011	DATE -	REVISED - S.P.B. 12-09

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING FOR FLAGGING OPERATIONS
AT WORK ZONE OPENINGS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-079-RS	COOK/DUPAGE	96	96
TC-18			CONTRACT NO. 60L67	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				