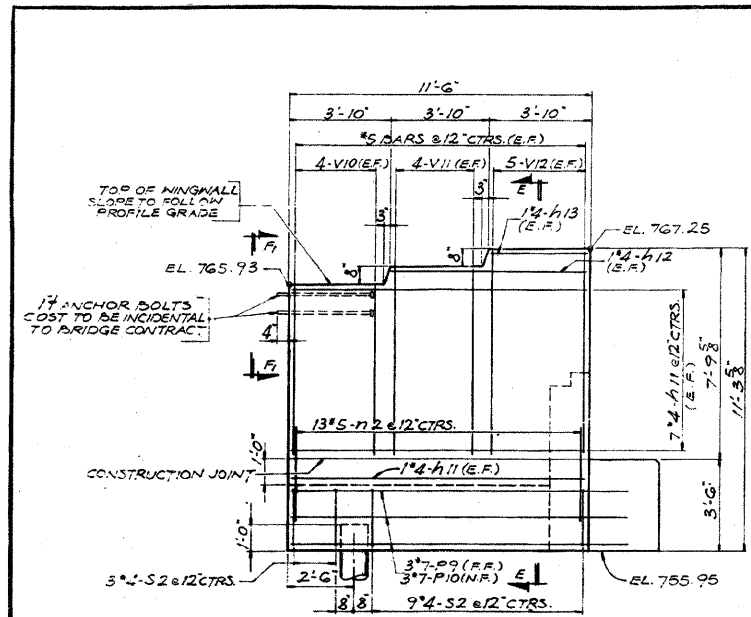


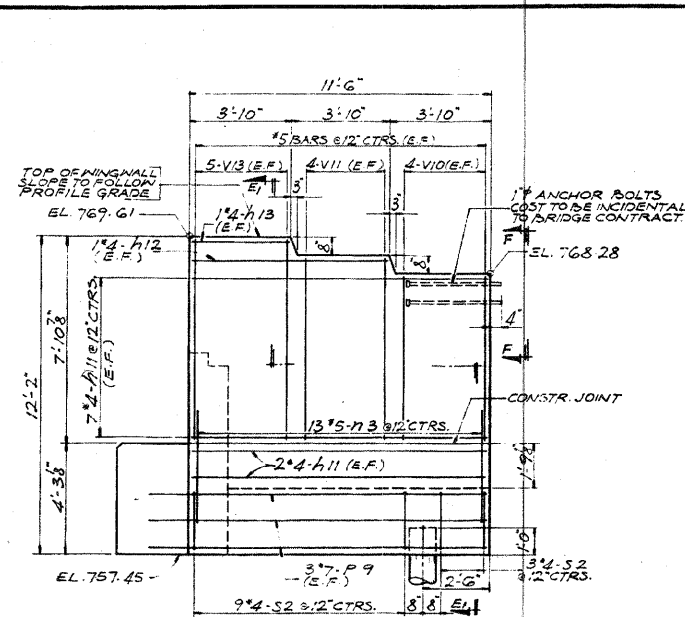
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 61	22-5HB	DUPAGE	181	82
STA.	TO STA.			
F.P. & REG. NO. 4	ILLINOIS	PROJECT		

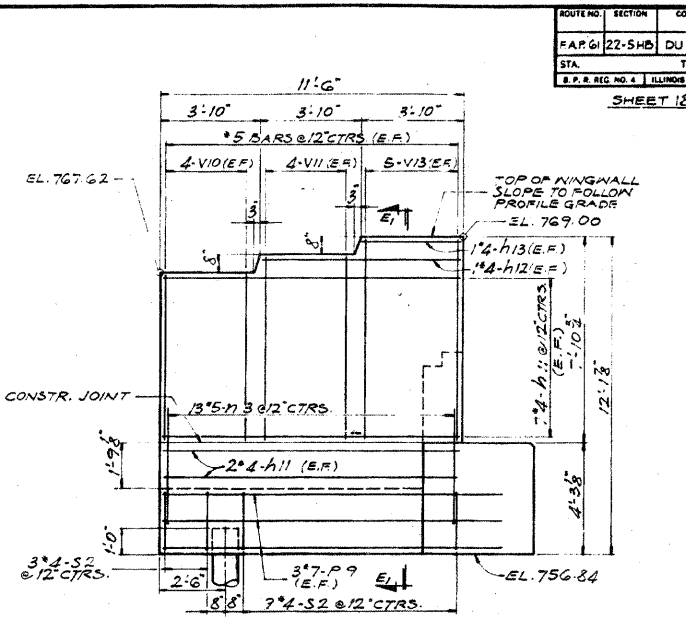
SHEET 18 OF 23



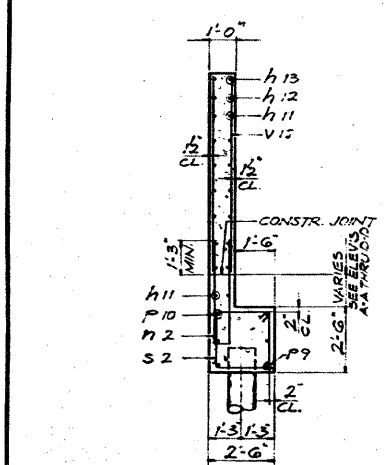
ELEVATION K-K
SCALE: 3/8"=1'-0"



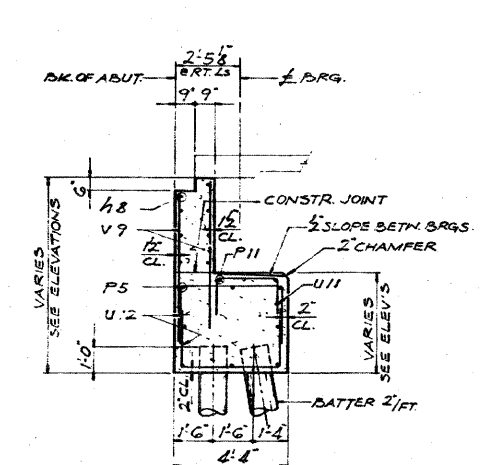
ELEVATION L-L



ELEVATION M-M

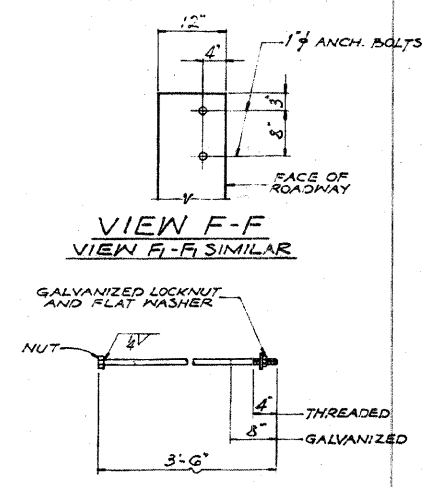


SECTION E-E
SECTION E1-E1 SIMILAR
SCALE: 3/8"=1'-0"

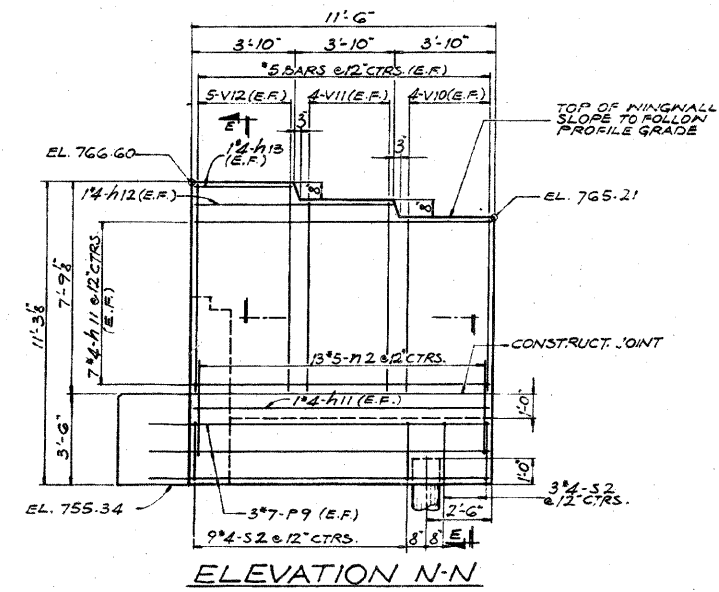


SECTION H-H
SCALE: 3/8"=1'-0"

NOTE: BAR MARKS SHOWN FOR WEST ABUTMENT.



1/4 ANCHOR BOLTS



ELEVATION N-N

ABUTMENT DETAILS-NORTH BOUND
F.A. ROUTE 61 OVER
F.A. ROUTE 6 (LAKE STREET)
PROJECT
SECTION 22-5HB
DU PAGE COUNTY
STATION 1239+49.90

ALFRED BENESCH & COMPANY
CONSULTING ENGINEERS
161 N. WASHINGTON ST., CHICAGO, ILLINOIS

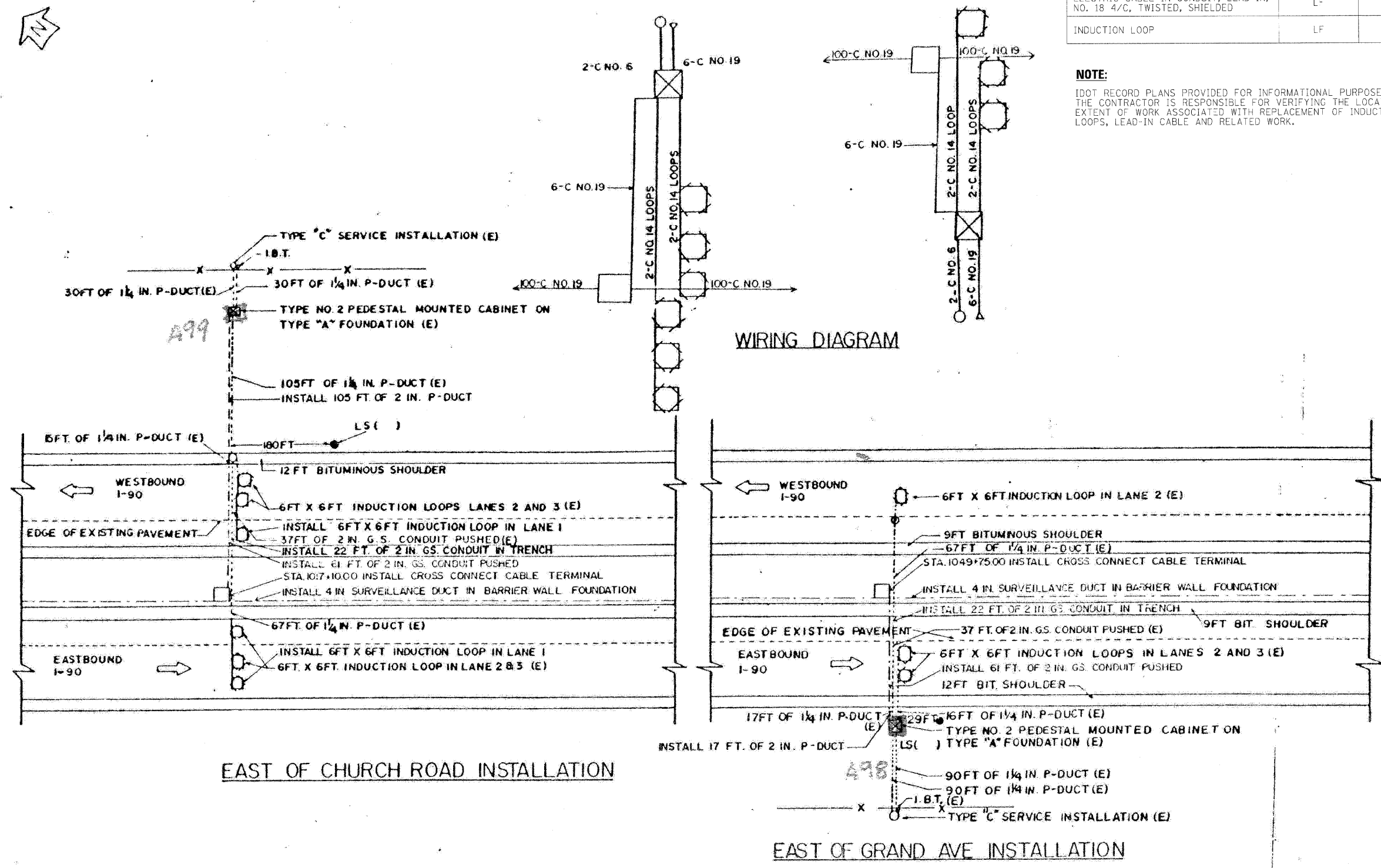
FOR INFORMATION ONLY

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Engineers • Surveyors • Planners
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-666-0460 Job No. 10060

SHEET NO. 28	F.A.I. RTE. 290/355	SECTION 22(1, 1-1, 2&3)RS-7	COUNTY DUPAGE	TOTAL SHEETS 546	SHEET NO. 501
28 SHEETS	CONTRACT NO. 60G51		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

EXISTING PLAN INFORMATION 13 OF 13
STRUCTURE NO. 022-0112

x:\100000s\100050\engineer\ng_documents\contract\1\SN.022.011.012.Lake-SA.0112-60G51-028-Exstplan.13.dgn 18:21:06 11/2/2009



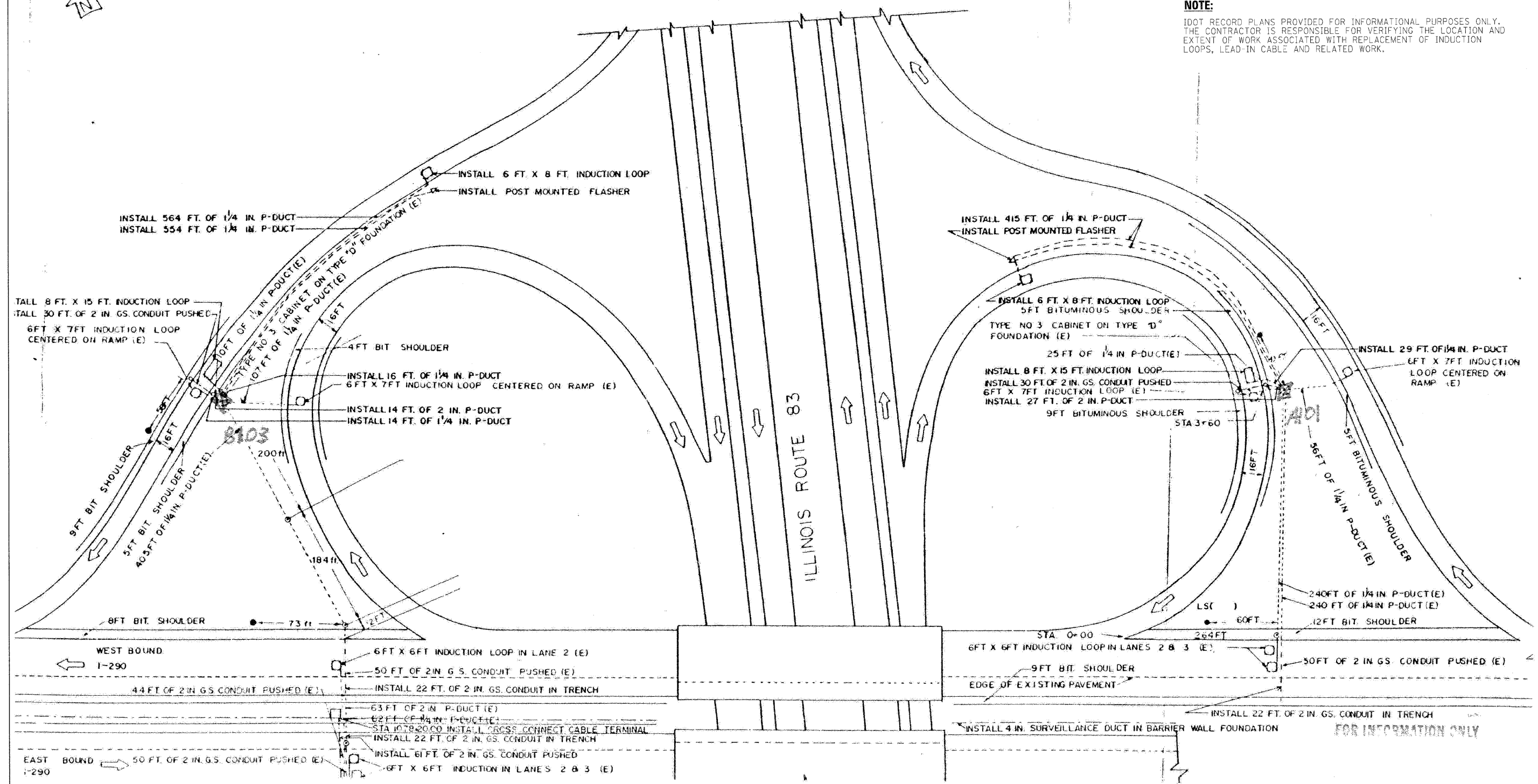
SUMMARY OF QUANTITIES (THIS SHEET)		
DESCRIPTION	UNIT	QUANTITY
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	LF	992
INDUCTION LOOP	LF	330

NOTE:
 IDOT RECORD PLANS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION AND EXTENT OF WORK ASSOCIATED WITH REPLACEMENT OF INDUCTION LOOPS, LEAD-IN CABLE AND RELATED WORK.



SUMMARY OF QUANTITIES (THIS SHEET)		
DESCRIPTION	UNIT	QUANTITY
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIEDED	LF	1146
INDUCTION LOOP	LF	190

NOTE:
 IDOT RECORD PLANS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION AND EXTENT OF WORK ASSOCIATED WITH REPLACEMENT OF INDUCTION LOOPS, LEAD-IN CABLE AND RELATED WORK.



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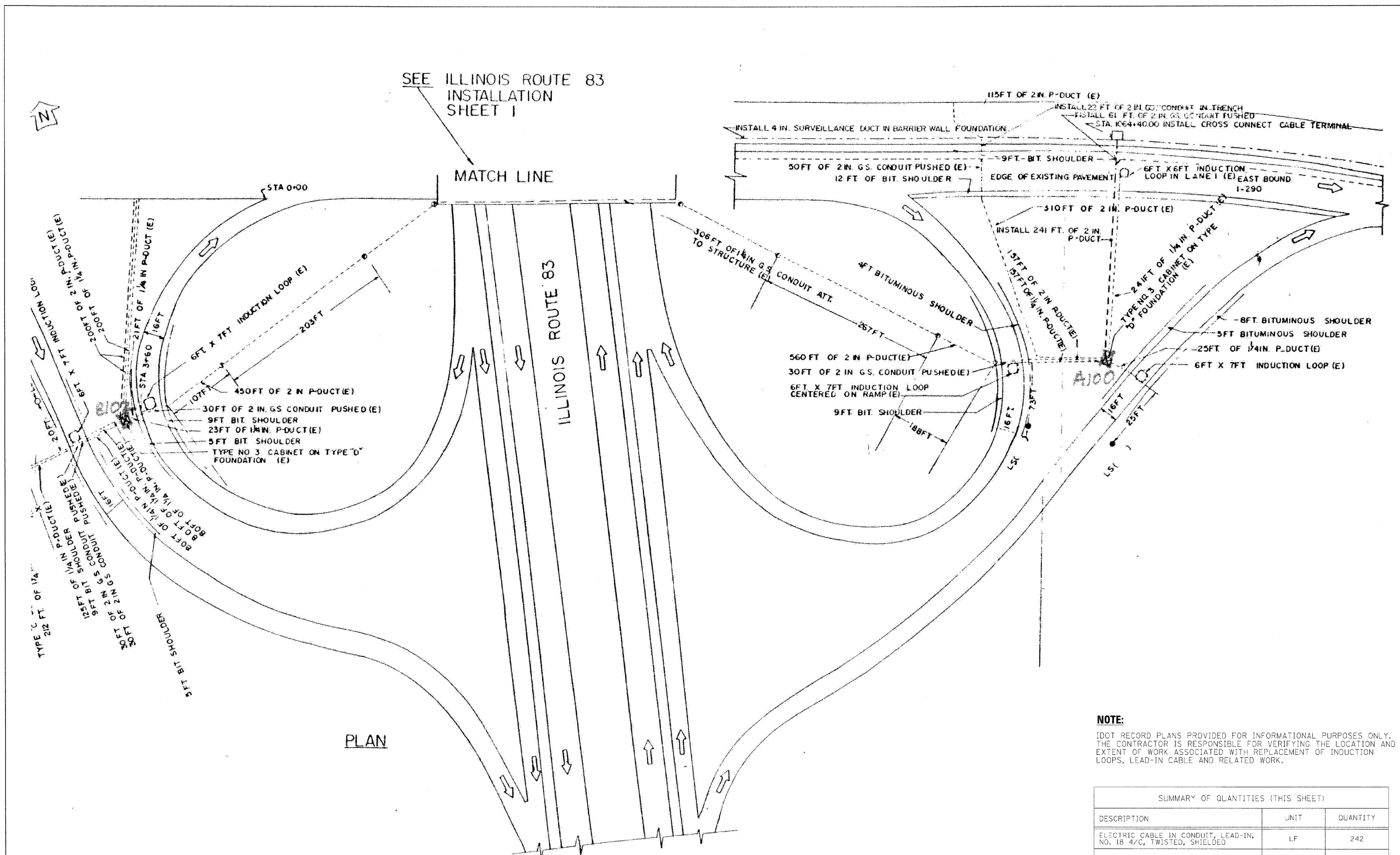
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SURVEILLANCE LOOP
KINGERY HWY (IL-83) INSTALLATION (1 OF 2)**

SCALE: N.T.S. SHEET NO. 2 OF 16 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
220	1-1, 2&3RS-7	DUPAGE	546	503
*290,355	CONTRACT NO. 60G51			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



PLAN

NOTE:
 IDOT RECORD PLANS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION AND EXTENT OF WORK ASSOCIATED WITH REPLACEMENT OF INDUCTION LOOPS, LEAD-IN CABLE AND RELATED WORK.

SUMMARY OF QUANTITIES (THIS SHEET)		
DESCRIPTION	UNIT	QUANTITY
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	LF	242
INDUCTION LOOP	LF	26

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PLOT DATE = 11/13/2009	DATE - 10/16/09	REVISED -

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SURVEILLANCE LOOP
 KINGERY HWY (IL-83) INSTALLATION (2 OF 2)**

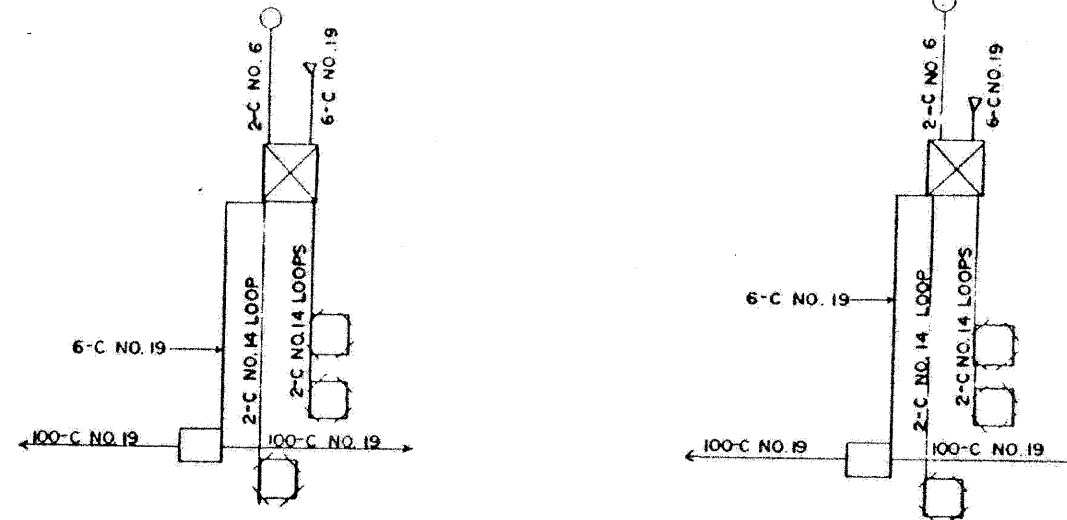
SCALE: N.T.S. SHEET NO. 3 OF 16 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	224, 1-1, 2&3RS-7	DUPAGE	546	504
*290,355		CONTRACT NO. 60G51		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

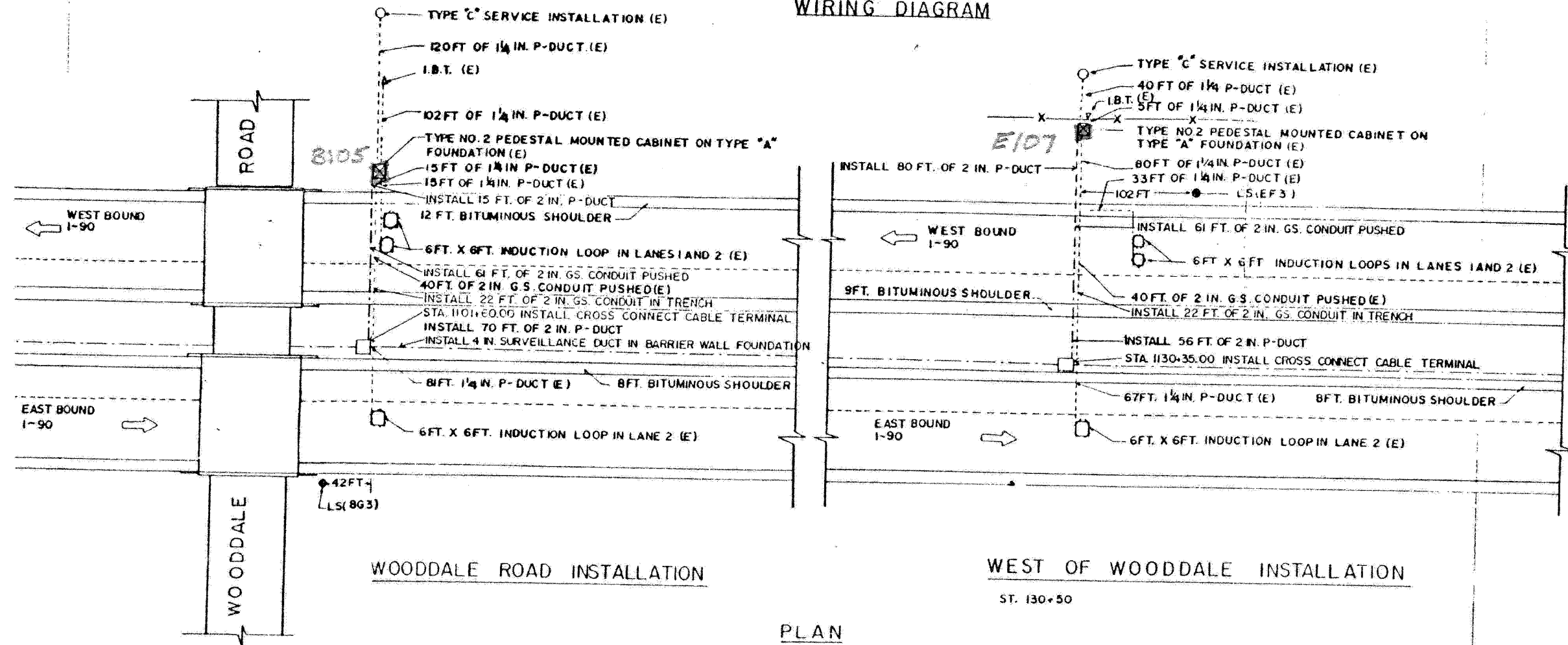
SUMMARY OF QUANTITIES (THIS SHEET)		
DESCRIPTION	UNIT	QUANTITY
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	LF	504
INDUCTION LOOP	LF	204

NOTE:

IDOT RECORD PLANS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION AND EXTENT OF WORK ASSOCIATED WITH REPLACEMENT OF INDUCTION LOOPS, LEAD-IN CABLE AND RELATED WORK.



WIRING DIAGRAM



WOODDALE ROAD INSTALLATION

WEST OF WOODDALE INSTALLATION

ST. 130+50

PLAN

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SURVEILLANCE LOOP
WOODDALE RD INSTALLATION

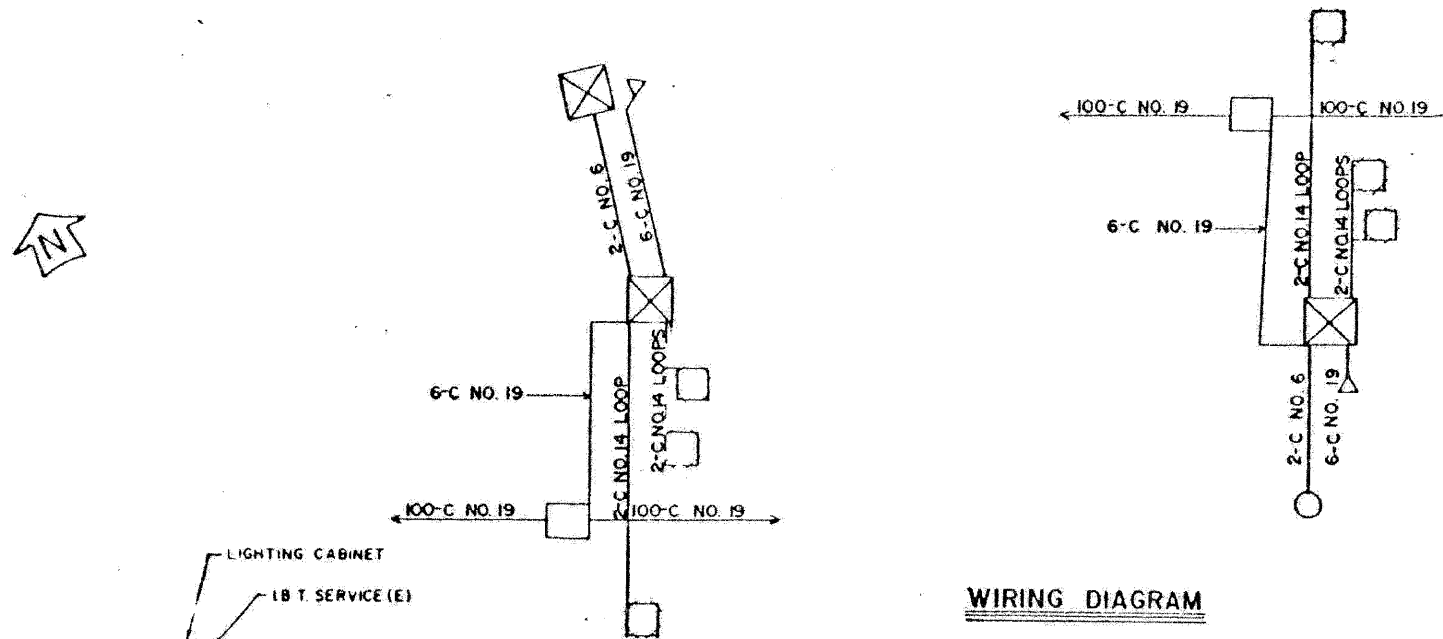
SCALE: N.T.S. SHEET NO. 4 OF 16 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	220, 1-1, 2&3RS-7	DUPAGE	546	505
•290,355			CONTRACT NO. 60G51	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

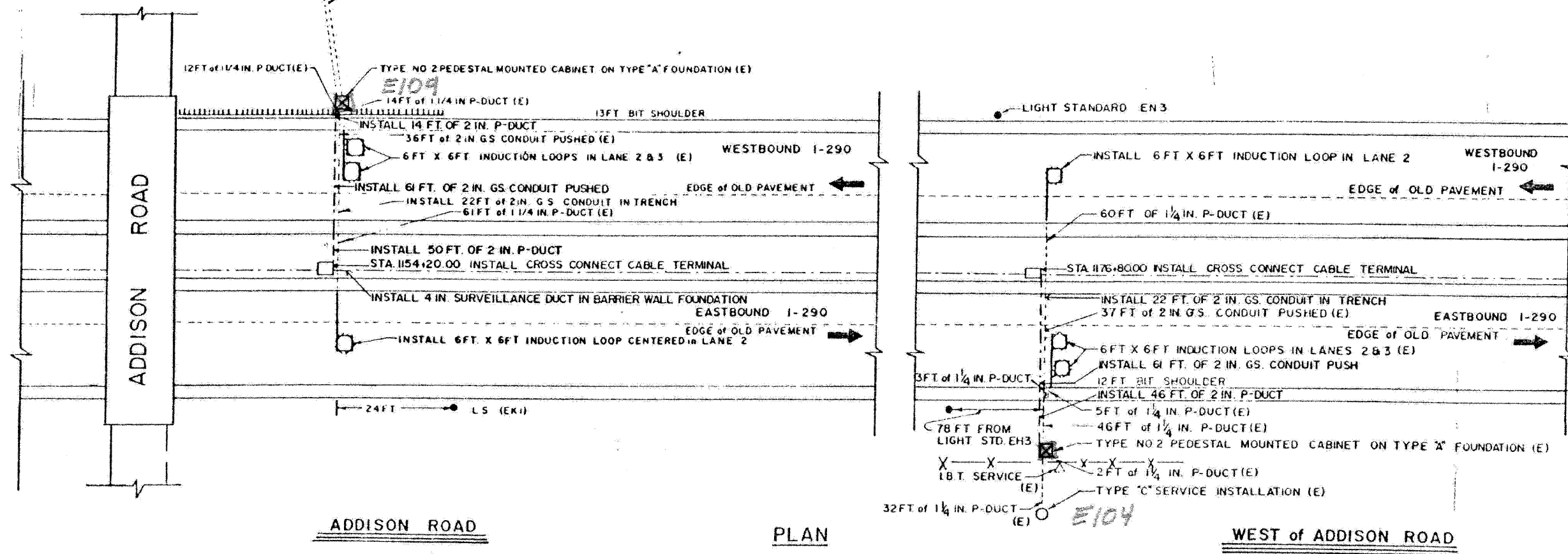
SUMMARY OF QUANTITIES (THIS SHEET)		
DESCRIPTION	UNIT	QUANTITY
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	LF	249
INDUCTION LOOP	LF	204

NOTE:

IDOT RECORD PLANS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION AND EXTENT OF WORK ASSOCIATED WITH REPLACEMENT OF INDUCTION LOOPS, LEAD-IN CABLE AND RELATED WORK.



WIRING DIAGRAM



ADDISON ROAD

PLAN

WEST of ADDISON ROAD

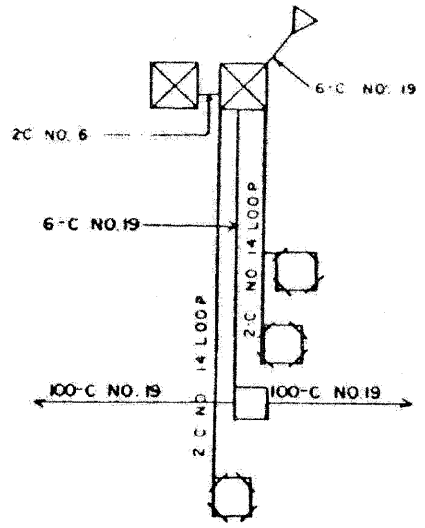
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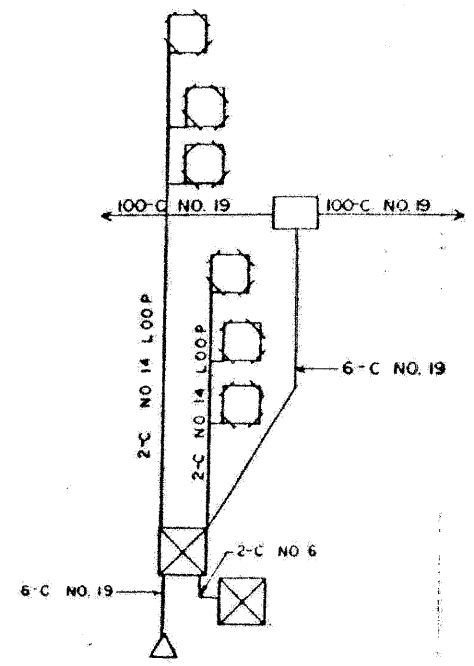
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC SURVEILLANCE LOOP ADDISON RD INSTALLATION		
SCALE: N.T.S.	SHEET NO. 5 OF 16 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290, 355	22(1, 1-1, 2&3)RS-7	DUPAGE	546	506
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60G51		

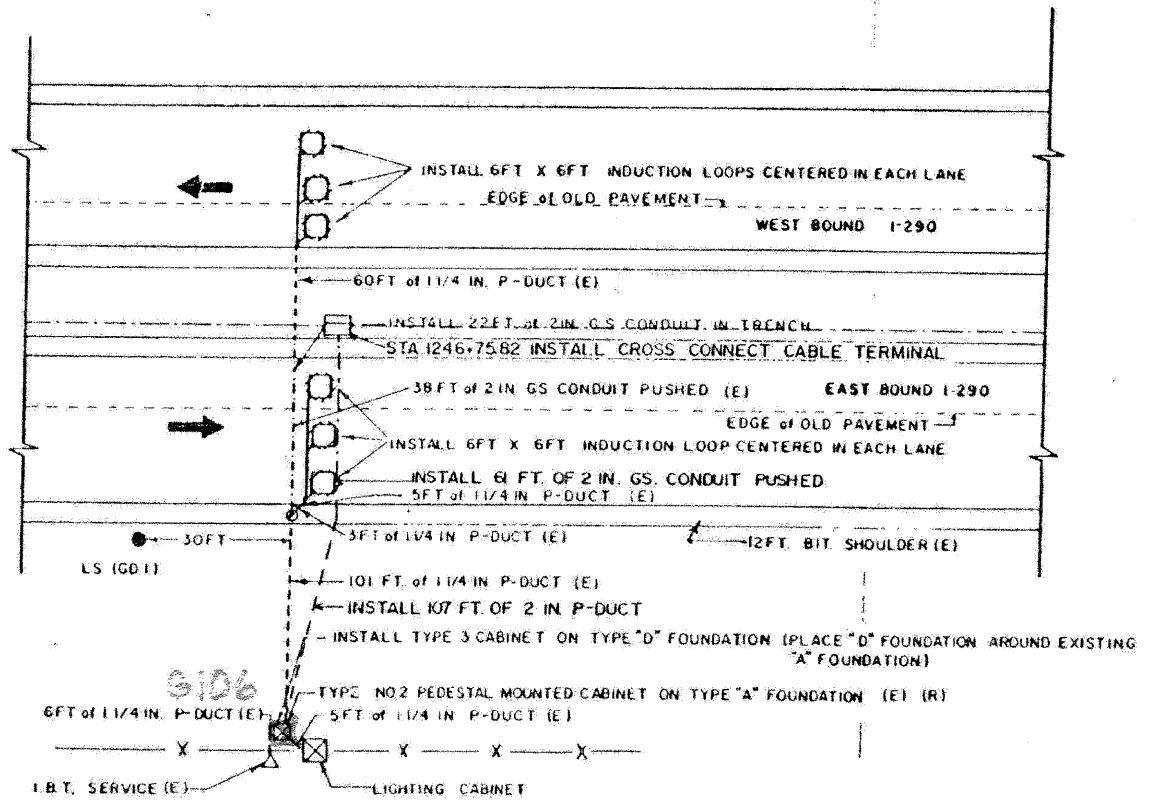
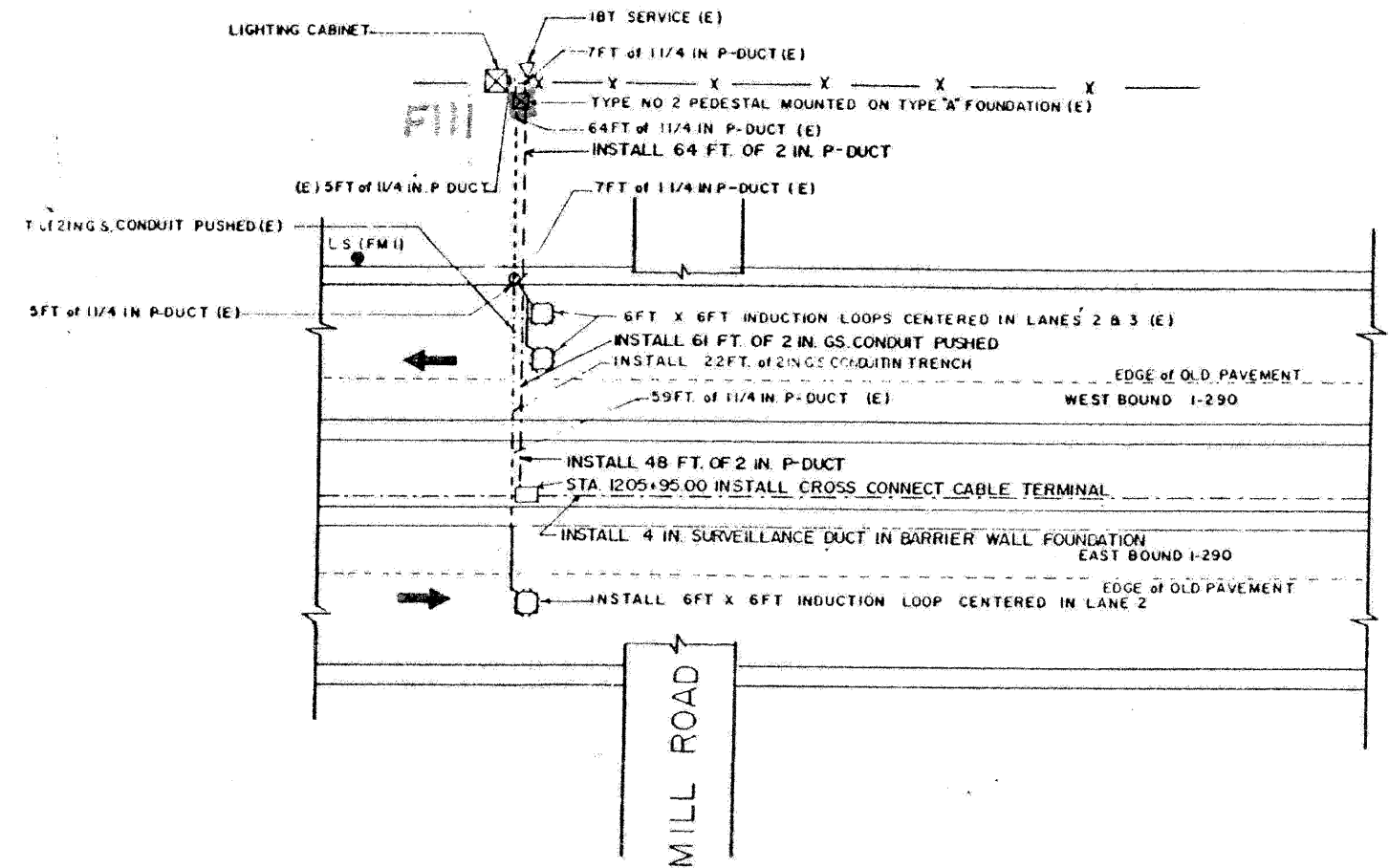


WIRING DIAGRAM



SUMMARY OF QUANTITIES (THIS SHEET)		
DESCRIPTION	UNIT	QUANTITY
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	LF	1071
INDUCTION LOOP	LF	354

NOTE:
 IDOT RECORD PLANS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION AND EXTENT OF WORK ASSOCIATED WITH REPLACEMENT OF INDUCTION LOOPS, LEAD-IN CABLE AND RELATED WORK.



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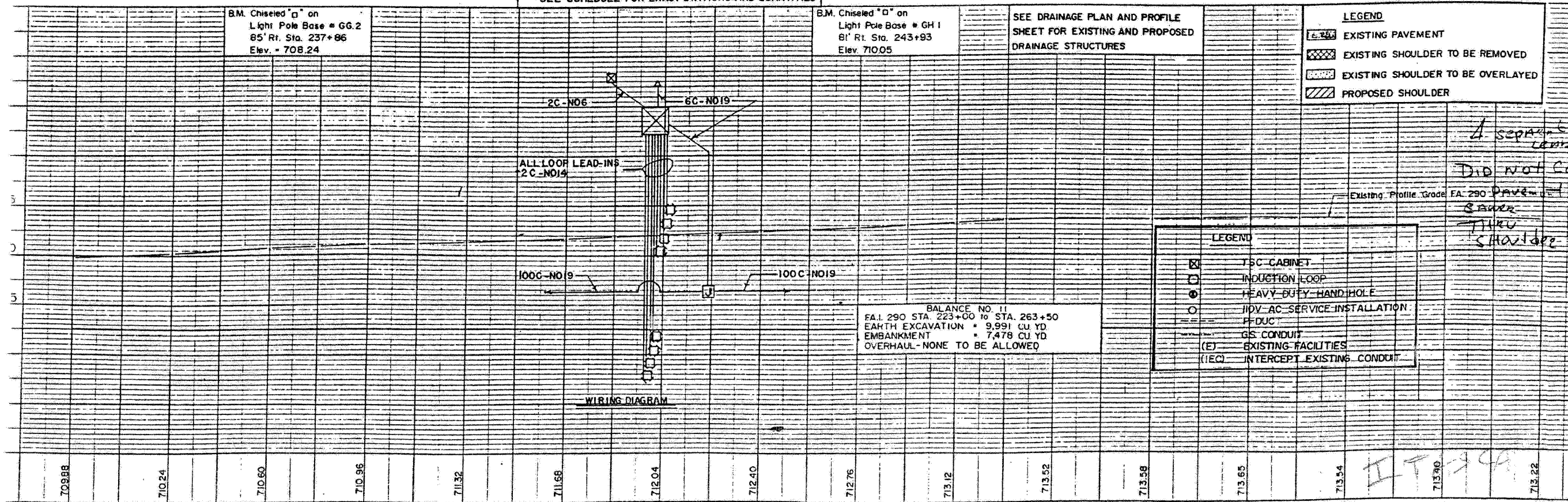
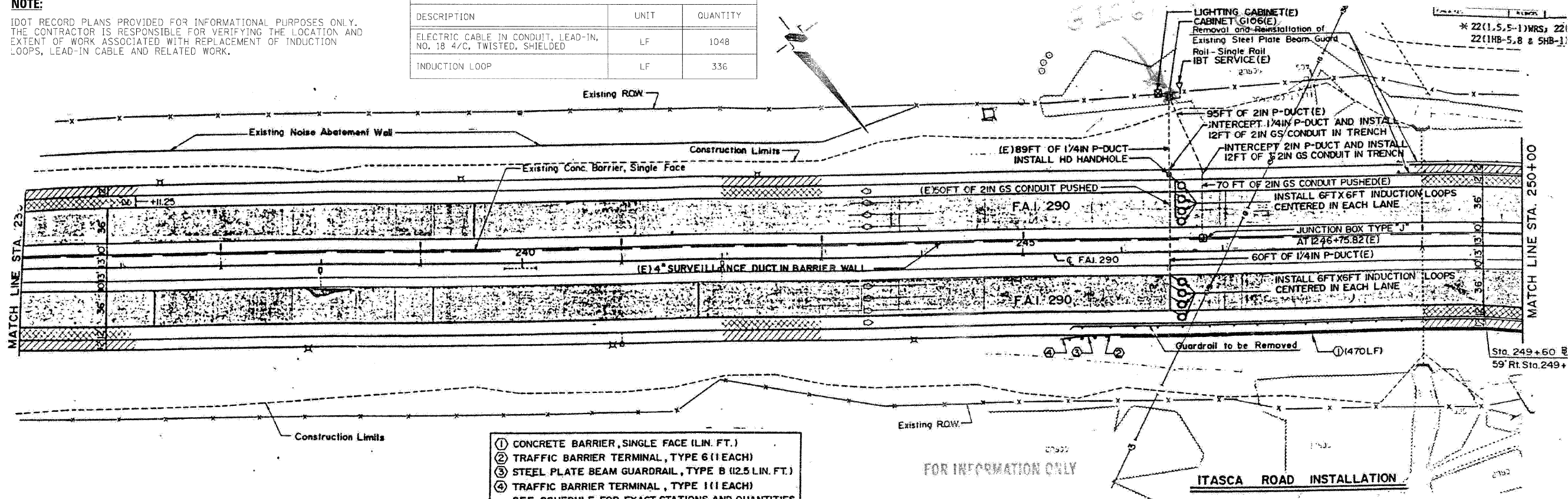
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TRAFFIC SURVEILLANCE LOOP MILL RD INSTALLATION		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: N.T.S.		220	1-1, 2&3RS-7	DUPAGE	546	507
SHEET NO. 6 OF 16 SHEETS		290,355	CONTRACT NO. 60G51		ILLINOIS FED. AID PROJECT	

NOTE:

IDOT RECORD PLANS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION AND EXTENT OF WORK ASSOCIATED WITH REPLACEMENT OF INDUCTION LOOPS, LEAD-IN CABLE AND RELATED WORK.

SUMMARY OF QUANTITIES (THIS SHEET)		
DESCRIPTION	UNIT	QUANTITY
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	LF	1048
INDUCTION LOOP	LF	336



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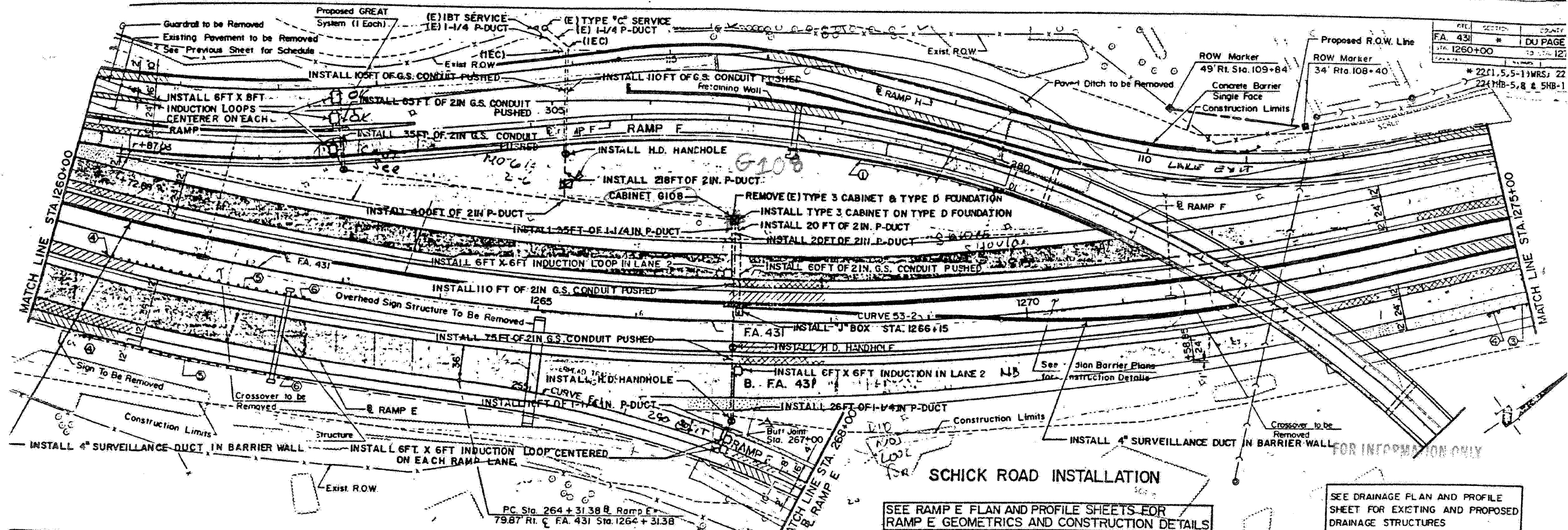
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SURVEILLANCE LOOP
ITASCA RD INSTALLATION

SCALE: N.T.S. SHEET NO. 7 OF 16 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
* 220, 1-1, 2&3RS-7	DUPAGE	546	508	
* 290, 355				CONTRACT NO. 60G51
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



FILE	SECTION	COUNTY
FA. 431	* DU PAGE	
STA. 1260+00	13 STA. 127	
* 221, 5, 5-1 WRS; 22		
224 MB-5, 8 & 5HB-1		

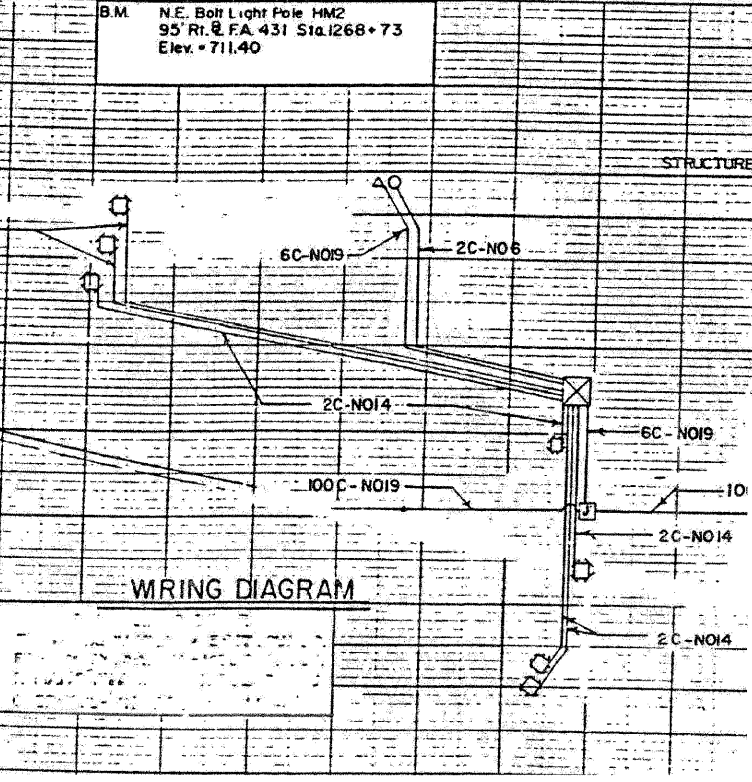
SEE RAMP E PLAN AND PROFILE SHEETS FOR RAMP E GEOMETRICS AND CONSTRUCTION DETAILS

SEE DRAINAGE PLAN AND PROFILE SHEET FOR EXISTING AND PROPOSED DRAINAGE STRUCTURES

B.M. Chiseled 'O' on East Edge of Median Inlet Box, 3' Rt. Sta. 1261+57 Elev. = 721.25	CURVE 53-2 PI. STA. 1269+61.86 PC. STA. 1258+41.39 $\Delta = 42^\circ 43' 21.2''$ PT. STA. 1279+77.52 $D = 2^\circ 00' 00''$ S.E. Transition Sta. 1256+75 $R = 2864.79'$ to Sta. 1259+25 $T = 1120.47'$ S.E. Transition Sta. 1278+90 $L = 2136.13'$ to Sta. 1281+40 $E = 211.32'$ S.E. = 0.056'/ft.		B.M. N.E. Bolt Light Pole HM2 95' Rt. FA. 431 Sta. 1268+73 Elev. = 711.40
--	---	--	---

- ① CONCRETE BARRIER, SINGLE FACE (TYPE, L.F)
- ② TRAFFIC BARRIER TERMINAL, TYPE 6 (1 EACH)
- ③ STEEL PLATE BEAM GUARDRAIL, TYPE B (12.5 L.F)
- ④ TRAFFIC BARRIER TERMINAL, TYPE 1 (1 EACH)
- ⑤ SEE SCHEDULE FOR EXACT STATIONS AND QUANTITIES
- ⑥ STEEL PLATE BEAM GUARDRAIL, TYPE A (L.F)
- ⑦ TRAFFIC BARRIER TERMINAL, TYPE 2 (1 EACH)

LEGEND	
	TSC CABINET
	INDUCTION LOOP
	HEAVY DUTY HAND HOLE
	110V AC SERVICE INSTALLATION
	P-DUCT
	G.S. CONDUIT
	EXISTING FACILITIES
	INTERCEPT EXISTING CONDUIT



LEGEND	
	EXISTING PAVEMENT
	EXISTING SHOULDER TO BE REMOVED
	EXISTING SHOULDER TO BE OVERLAID
	PROPOSED SHOULDER

NOTE:
IDOT RECORD PLANS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION AND EXTENT OF WORK ASSOCIATED WITH REPLACEMENT OF INDUCTION LOOPS, LEAD-IN CABLE AND RELATED WORK.

SUMMARY OF QUANTITIES (THIS SHEET)		
DESCRIPTION	UNIT	QUANTITY
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	LF	2013
INDUCTION LOOP	LF	321

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SURVEILLANCE LOOP
SCHICK RD INSTALLATION

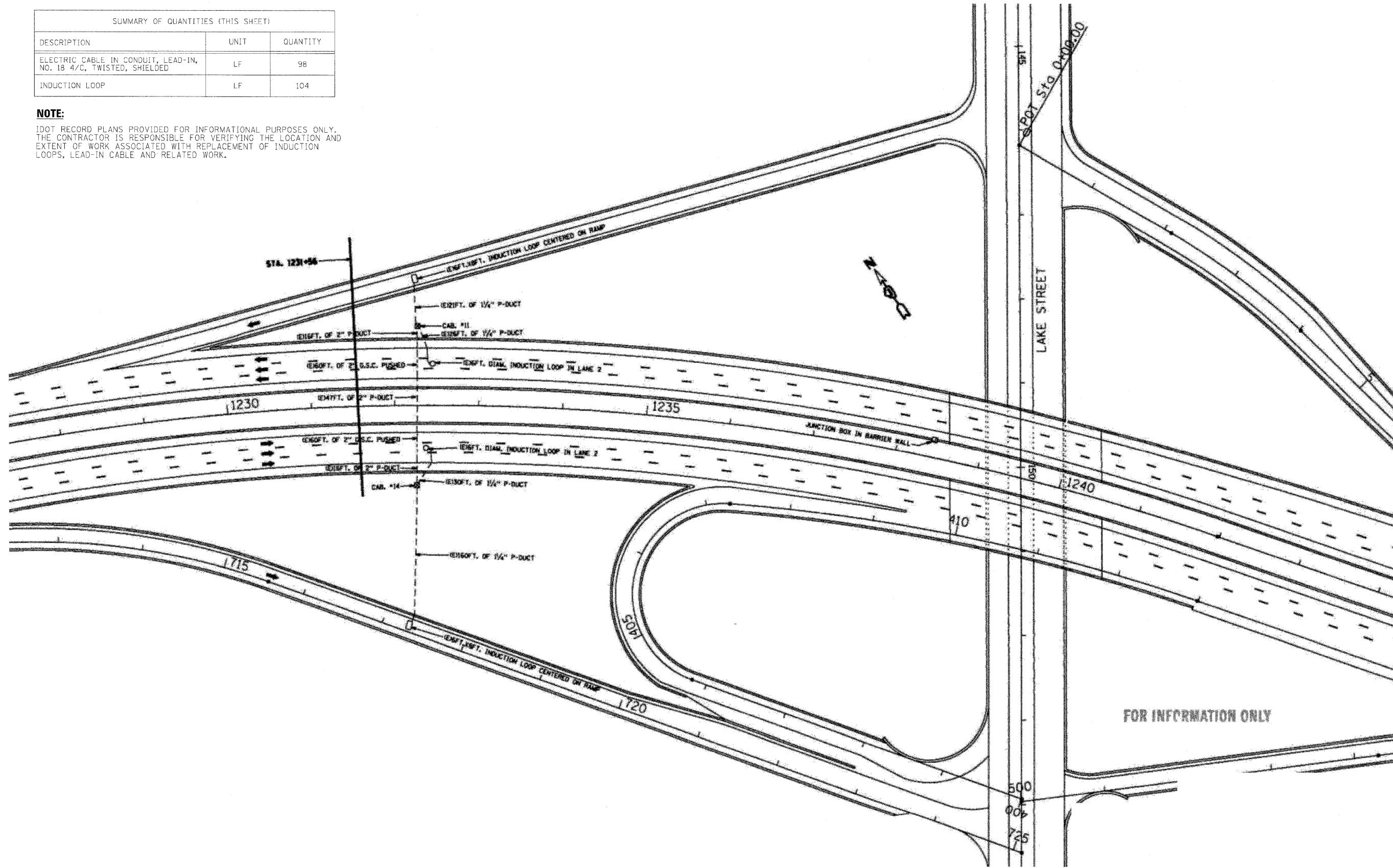
SCALE: N.T.S. SHEET NO. 8 OF 16 SHEETS STA. TO STA.

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
* 290,355	221, 1-1, 2&3RS-7	DUPAGE	546	509
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO. 60G51	

SUMMARY OF QUANTITIES (THIS SHEET)		
DESCRIPTION	UNIT	QUANTITY
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	LF	98
INDUCTION LOOP	LF	104

NOTE:

IDOT RECORD PLANS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION AND EXTENT OF WORK ASSOCIATED WITH REPLACEMENT OF INDUCTION LOOPS, LEAD-IN CABLE AND RELATED WORK.



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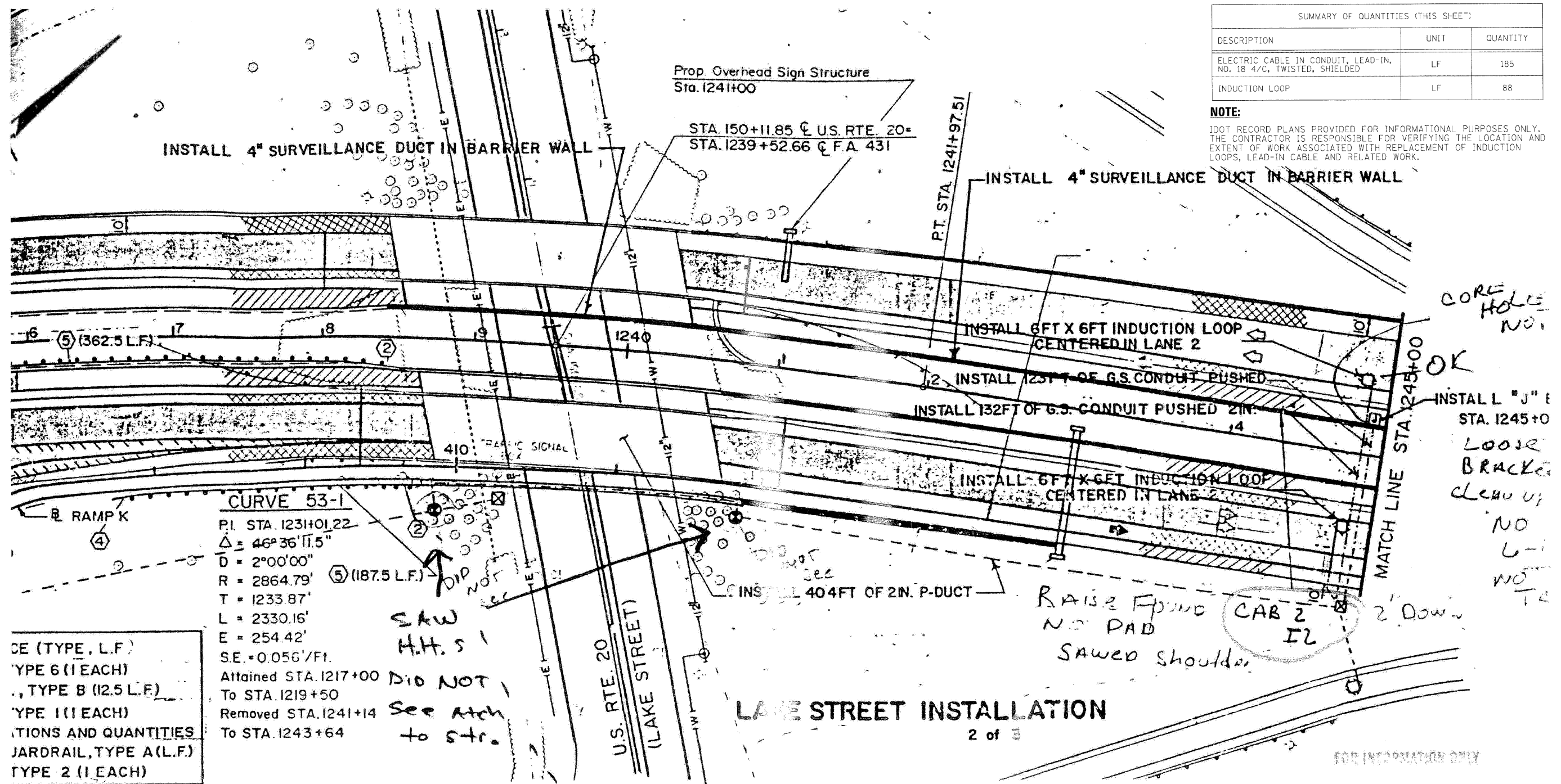
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC SURVEILLANCE LOOP LAKE ST INSTALLATION (1 OF 3)	
SCALE: N.T.S.	SHEET NO. 9 OF 16 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	2211, 1-1, 2&3IRS-7	DUPAGE	546	510
*290,355		CONTRACT NO. 60G51		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES (THIS SHEET)		
DESCRIPTION	UNIT	QUANTITY
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	LF	185
INDUCTION LOOP	LF	88

NOTE:
 IDOT RECORD PLANS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION AND EXTENT OF WORK ASSOCIATED WITH REPLACEMENT OF INDUCTION LOOPS, LEAD-IN CABLE AND RELATED WORK.



CURVE 53-1
 P.I. STA. 1231+01.22
 $\Delta = 46^\circ 36' 11.5''$
 $D = 2^\circ 00' 00''$
 $R = 2864.79'$ (5) (187.5 L.F.)
 $T = 1233.87'$
 $L = 2330.16'$
 $E = 254.42'$
 $S.E. = 0.056\%/ft.$
 Attained STA. 1217+00
 To STA. 1219+50
 Removed STA. 1241+14
 To STA. 1243+64

DESCRIPTION	TYPE	L.F.
TYPE 6	(1 EACH)	
TYPE B	(12.5 L.F.)	
TYPE 1	(1 EACH)	
TRAFFIC SIGNAL		
RAILRAIL, TYPE A	(L.F.)	
TYPE 2	(1 EACH)	

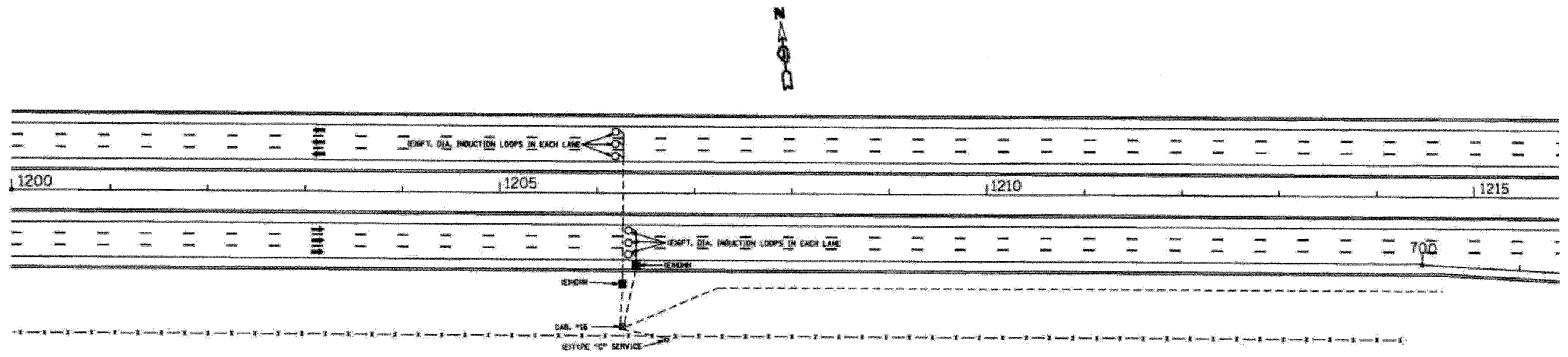
SAW H.H.S.
 DID NOT SEE ARCH TO STR.

LAKE STREET INSTALLATION
 2 of 3

DESCRIPTION	STATION	WIDTH	DEPTH	REMARKS
Transition From Normal Bituminous Overlay to Bridge Approach Pavement (See Butt Joint Details Sheet 1/7)				See U.S. Rt. 20 Bridge Plans SBL Bridge Elevations
Bridge Approach Pavement (See Sheet 1/7 for Details)	237+41.74	10.5	8.05	SBL
	238+01.74	10.5	8.05	NBL
	238+41.74	10.5	8.05	SBL
	240+51.79	10.5	8.05	NBL
	241+35.32	10.5	8.05	SBL

LEGEND

- EXISTING PAVEMENT
- EXISTING SHOULDER TO BE REMOVED
- EXISTING SHOULDER TO BE OVERLAYED
- PROPOSED SHOULDER



NOTE:
 IDOT RECORD PLANS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION AND EXTENT OF WORK ASSOCIATED WITH REPLACEMENT OF INDUCTION LOOPS, LEAD-IN CABLE AND RELATED WORK.

SUMMARY OF QUANTITIES (THIS SHEET)		
DESCRIPTION	UNIT	QUANTITY
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	LF	1107
INDUCTION LOOP	LF	216

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

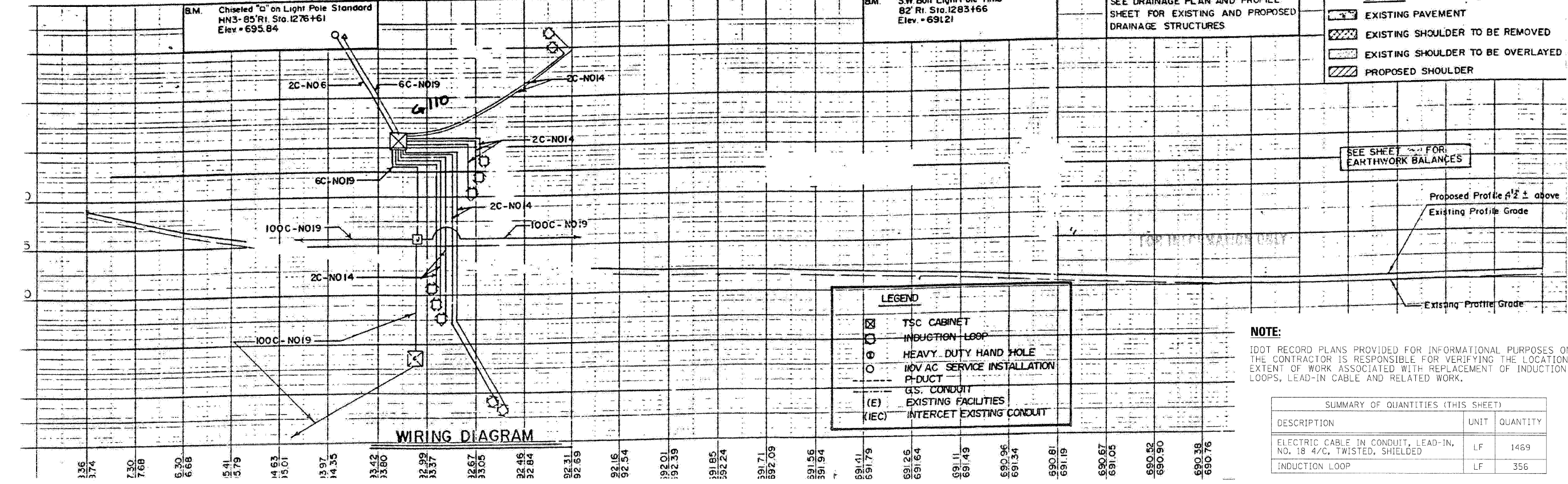
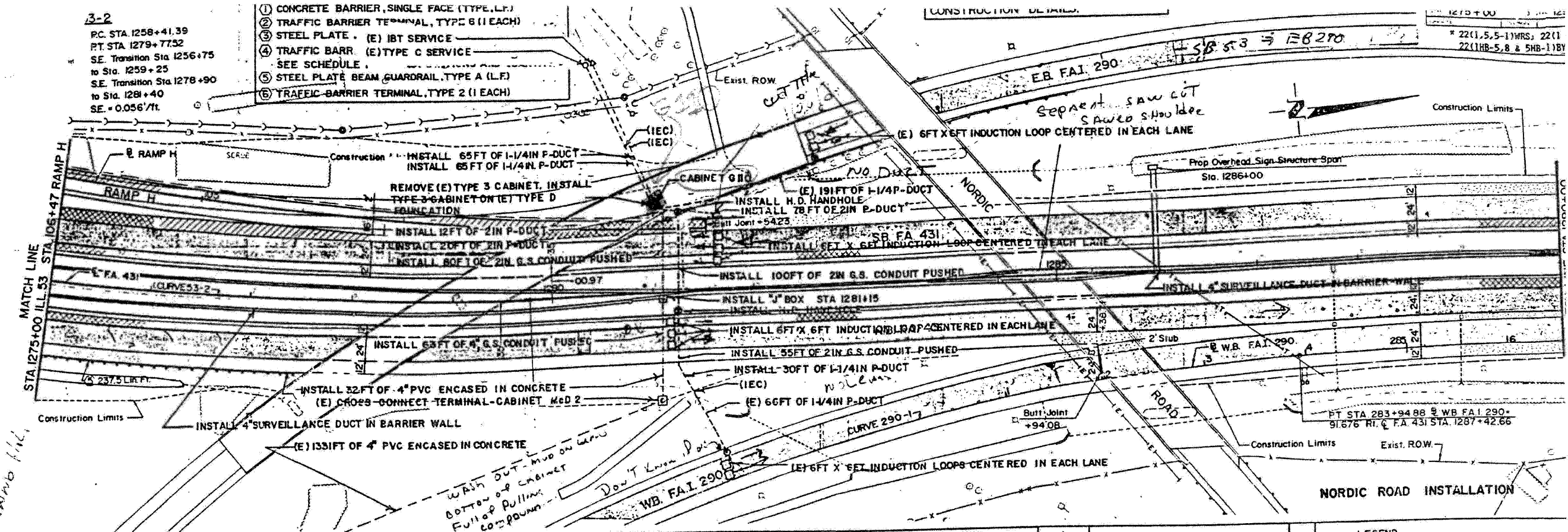
TRAFFIC SURVEILLANCE LOOP
KINGS POINT INSTALLATION

SCALE: N.T.S. SHEET NO. 11 OF 16 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	22(1, 1-1, 2&3)RS-7	DUPAGE	546	512
*290,355	CONTRACT NO. 60G51			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

3-2
 P.C. STA. 1258+41.39
 P.T. STA. 1279+77.52
 to Sta. 1256+75
 to Sta. 1259+25
 S.E. Transition Sta. 1278+90
 to Sta. 1281+40
 SE = 0.056'/ft.

- 1 CONCRETE BARRIER, SINGLE FACE (TYPE L.F.)
- 2 TRAFFIC BARRIER TERMINAL, TYPE 6 (1 EACH)
- 3 STEEL PLATE (E) 1BT SERVICE
- 4 TRAFFIC BARR. (E) TYPE C SERVICE
- SEE SCHEDULE.
- 5 STEEL PLATE BEAM GUARDRAIL, TYPE A (L.F.)
- 6 TRAFFIC BARRIER TERMINAL, TYPE 2 (1 EACH)

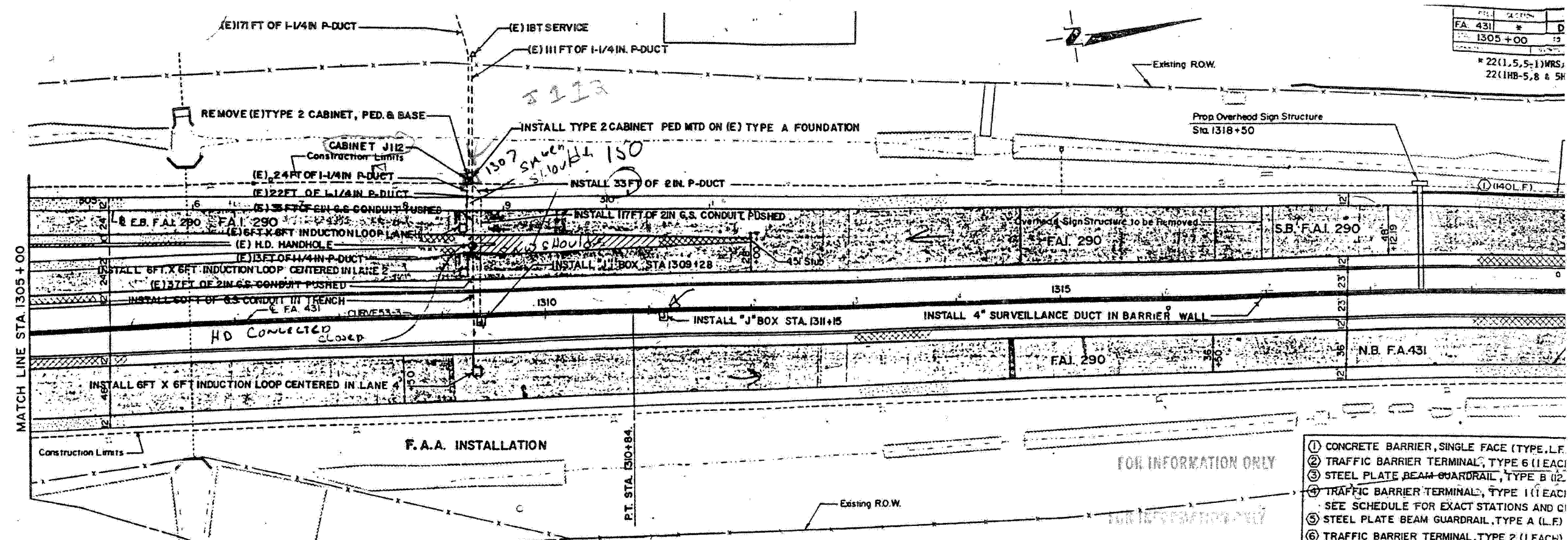


- LEGEND**
- EXISTING PAVEMENT
 - EXISTING SHOULDER TO BE REMOVED
 - EXISTING SHOULDER TO BE OVERLAYED
 - PROPOSED SHOULDER

- LEGEND**
- TSC CABINET
 - INDUCTION LOOP
 - HEAVY DUTY HAND HOLE
 - 10V AC SERVICE INSTALLATION
 - P-DUCT
 - G.S. CONDUIT
 - (E) EXISTING FACILITIES
 - (IEC) INTERCET EXISTING CONDUIT

NOTE:
 IDOT RECORD PLANS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION AND EXTENT OF WORK ASSOCIATED WITH REPLACEMENT OF INDUCTION LOOPS, LEAD-IN CABLE AND RELATED WORK.

SUMMARY OF QUANTITIES (THIS SHEET)		
DESCRIPTION	UNIT	QUANTITY
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	LF	1469
INDUCTION LOOP	LF	356



- FOR INFORMATION ONLY
- ① CONCRETE BARRIER, SINGLE FACE (TYPE 1, L.F.)
 - ② TRAFFIC BARRIER TERMINAL, TYPE 6 (1 EACH)
 - ③ STEEL PLATE BEAM GUARDRAIL, TYPE B (12)
 - ④ TRAFFIC BARRIER TERMINAL, TYPE 1 (1 EACH)
 - ⑤ SEE SCHEDULE FOR EXACT STATIONS AND QTY
 - ⑥ STEEL PLATE BEAM GUARDRAIL, TYPE A (L.F.)
 - ⑦ TRAFFIC BARRIER TERMINAL, TYPE 2 (1 EACH)

CURVE 53-3

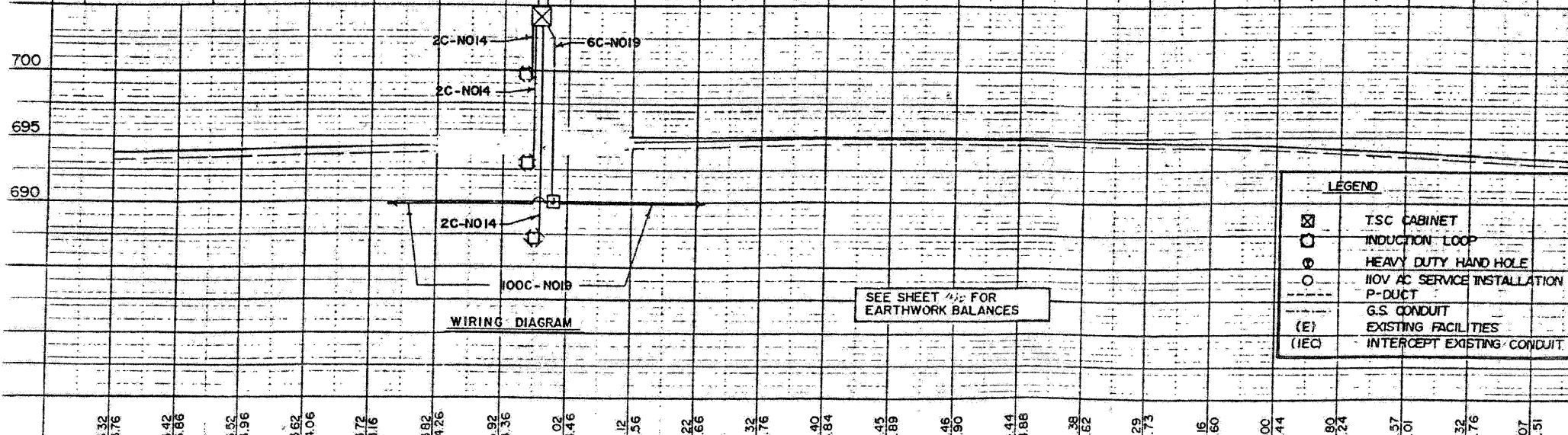
PI. STA. 1304+30.53
Δ = 3°16'17.6"
D = 0°15'00"
R = 22,918.31'
T = 654.49'
L = 1,308.62'
E = 9.34'
S.E. = Normal Crown
P.C. STA. 1297+76.04
P.T. STA. 1310+84.66

BM. Chiseled "D" Light Pole Standard JK2
107' Rt. Sta. 1308+88
Elev. +690.98

SEE DRAINAGE PLAN AND PROFILE SHEET FOR EXISTING AND PROPOSED DRAINAGE STRUCTURES

BM. Chiseled "D" Light Pole Standard JK1
98' Rt. Sta. 1315+95
Elev. +690.78

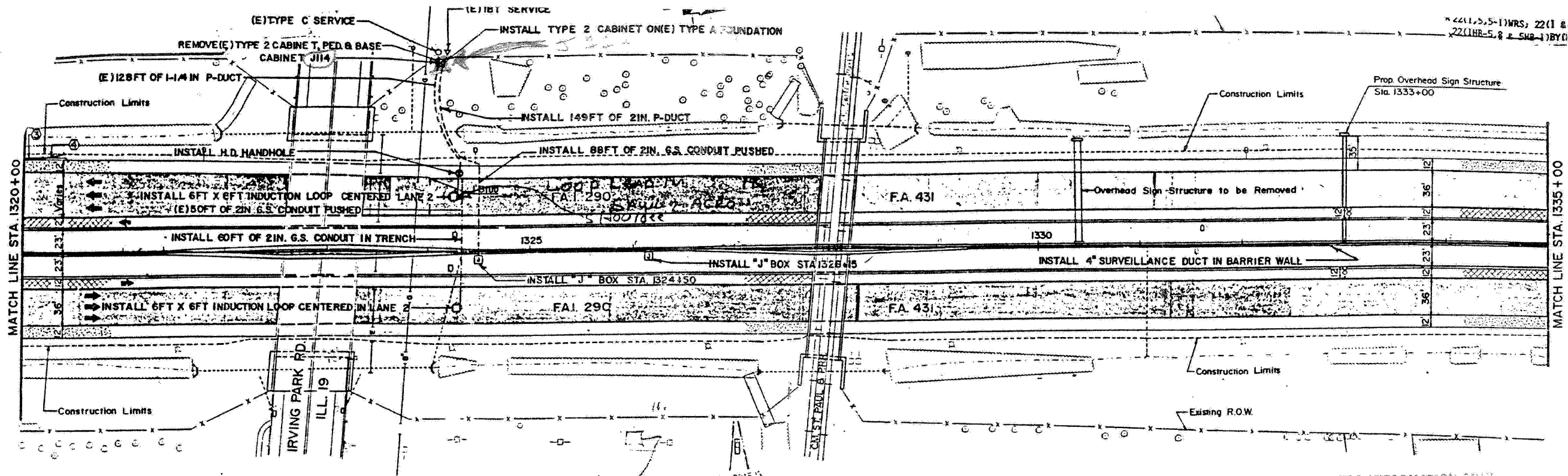
- LEGEND**
- ▨ EXISTING PAVEMENT
 - ▨ EXISTING SHOULDER TO BE REMOVED
 - ▨ EXISTING SHOULDER TO BE OVERLAY
 - ▨ PROPOSED SHOULDER



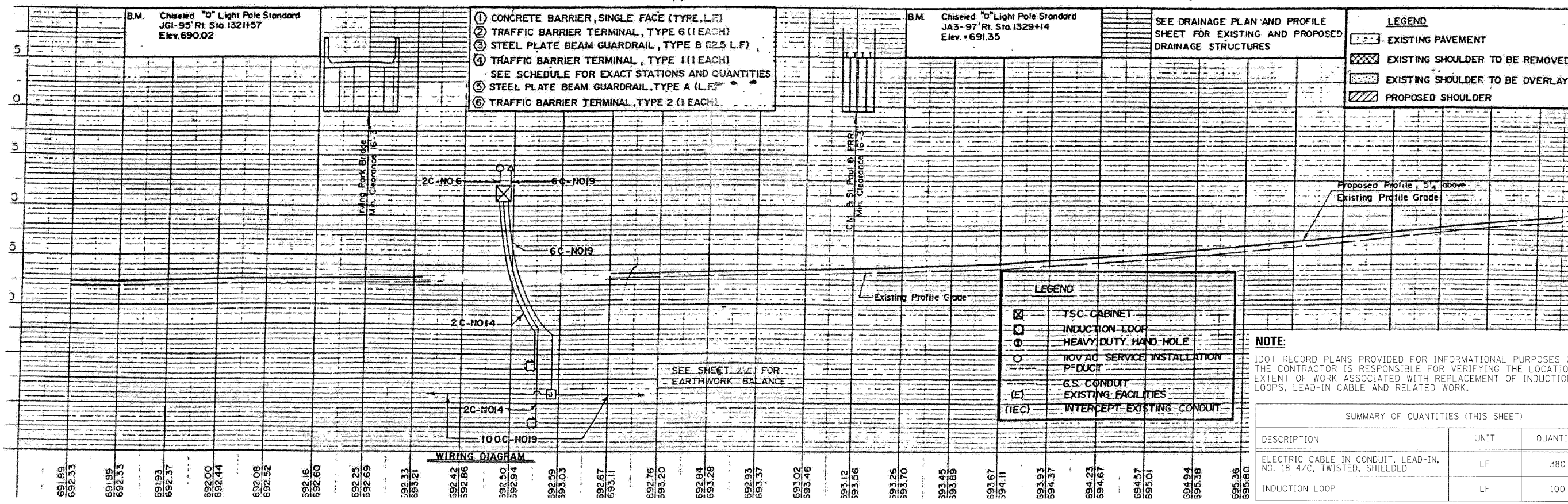
NOTE:
IDOT RECORD PLANS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION AND EXTENT OF WORK ASSOCIATED WITH REPLACEMENT OF INDUCTION LOOPS, LEAD-IN CABLE AND RELATED WORK.

SUMMARY OF QUANTITIES (THIS SHEET)

DESCRIPTION	UNIT	QUANTITY
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	LF	240
INDUCTION LOOP	LF	114



IRVING PARK ROAD INSTALLATION FOR INFORMATION ONLY



- 1 CONCRETE BARRIER, SINGLE FACE (TYPE, L.F.)
- 2 TRAFFIC BARRIER TERMINAL, TYPE 6 (1 EACH)
- 3 STEEL PLATE BEAM GUARDRAIL, TYPE B (25 L.F.)
- 4 TRAFFIC BARRIER TERMINAL, TYPE 1 (1 EACH)
- SEE SCHEDULE FOR EXACT STATIONS AND QUANTITIES
- 5 STEEL PLATE BEAM GUARDRAIL, TYPE A (L.F.)
- 6 TRAFFIC BARRIER TERMINAL, TYPE 2 (1 EACH)

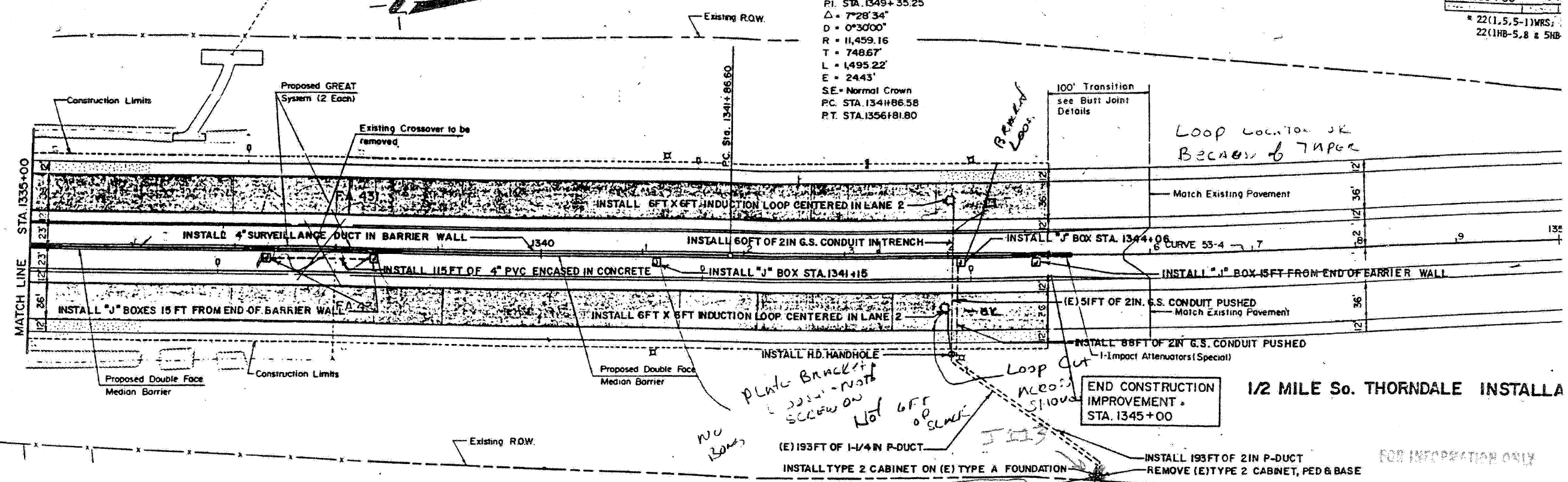
- LEGEND**
- [Pattern] EXISTING PAVEMENT
 - [Pattern] EXISTING SHOULDER TO BE REMOVED
 - [Pattern] EXISTING SHOULDER TO BE OVERLAY
 - [Pattern] PROPOSED SHOULDER

- LEGEND**
- [Symbol] TSC CABINET
 - [Symbol] INDUCTION LOOP
 - [Symbol] HEAVY DUTY HAND HOLE
 - [Symbol] 110V AC SERVICE INSTALLATION
 - [Symbol] P-DUCT
 - [Symbol] G.S. CONDUIT
 - [Symbol] EXISTING FACILITIES
 - [Symbol] INTERCEPT EXISTING CONDUIT

NOTE:
 IDOT RECORD PLANS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION AND EXTENT OF WORK ASSOCIATED WITH REPLACEMENT OF INDUCTION LOOPS, LEAD-IN CABLE AND RELATED WORK.

SUMMARY OF QUANTITIES (THIS SHEET)		
DESCRIPTION	UNIT	QUANTITY
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	LF	380
INDUCTION LOOP	LF	100

CURVE 53-4
 P.I. STA. 1349+35.25
 $\Delta = 7^{\circ}28'34"$
 $D = 0^{\circ}30'00"$
 $R = 11,459.16$
 $T = 748.67$
 $L = 1,495.22'$
 $E = 24.43'$
 SE = Normal Crown
 P.C. STA. 1344+86.58
 R.T. STA. 1356+81.80



LOOP LOCATION JK
 BECAUSE OF TAPER

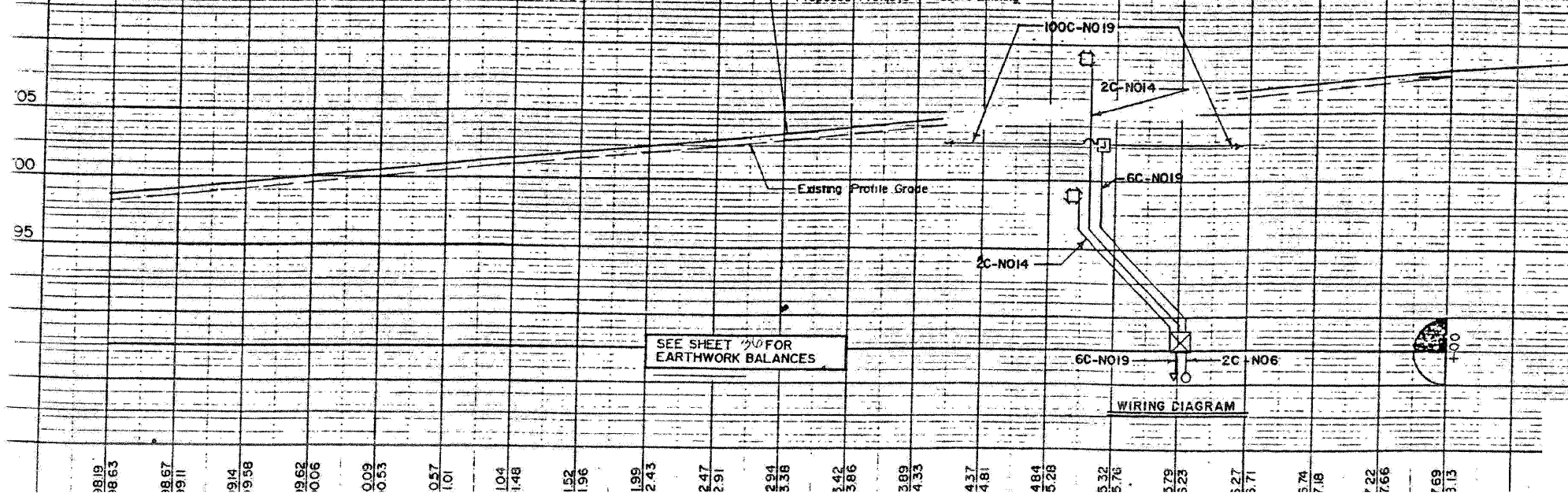
END CONSTRUCTION
 IMPROVEMENT
 STA. 1345+00

1/2 MILE So. THORNDALE INSTALLA

FOR INFORMATION ONLY

B.M. Chiseled "D" Light Pole Standard JC4-96 Rt. Sta. 1335+06 Elev. 696.12	B.M. N.W. Bolt Light Standard JB4 94 Rt. Sta. 1341+33 Elev. 701.84	SEE DRAINAGE PLAN AND PROFILE SHEET FOR EXISTING AND PROPOSED DRAINAGE STRUCTURES	LEGEND
			EXISTING PAVEMENT
			EXISTING SHOULDER TO BE REMO
			EXISTING SHOULDER TO BE OVERL
			PROPOSED SHOULDER

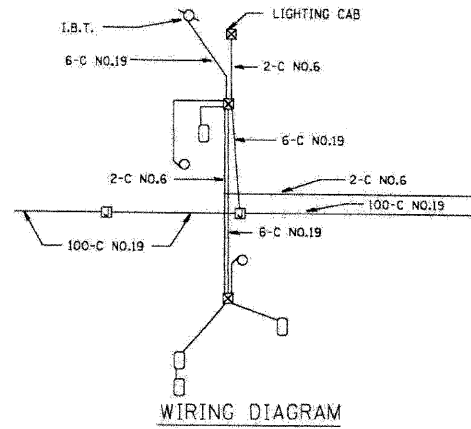
DESCRIPTION	UNIT	QUANTITY
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	LF	530
INDUCTION LOOP	LF	100



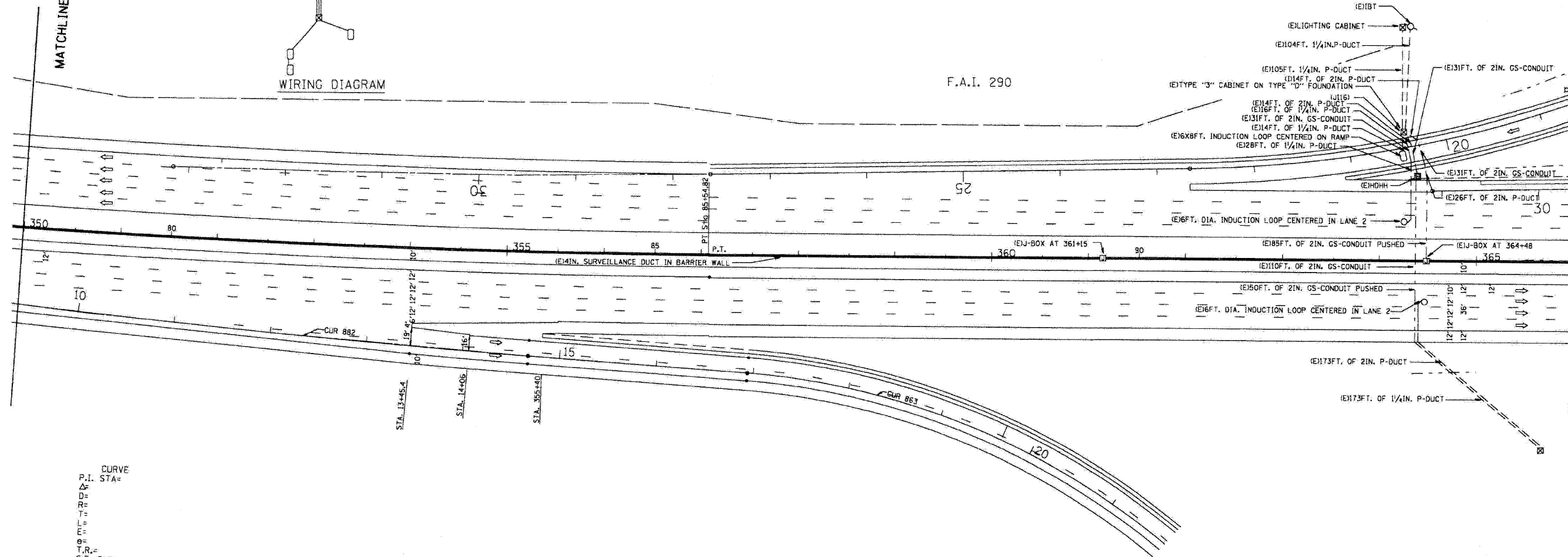
	TSC CABINET
	INDUCTION LOOP
	HEAVY DUTY HAND HOLE
	110V AC SERVICE INSTALLATION
	P-DUCT
	G.S. CONDUIT
	EXISTING FACILITIES
	INTERCEPT EXISTING CONDUIT

NOTE:
 IDOT RECORD PLANS PROVIDED FOR INFORMATIONAL PURPOSES ONLY.
 THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION AND
 EXTENT OF WORK ASSOCIATED WITH REPLACEMENT OF INDUCTION
 LOOPS, LEAD-IN CABLE AND RELATED WORK.

MATCHLINE 350+00



F.A.I. 290



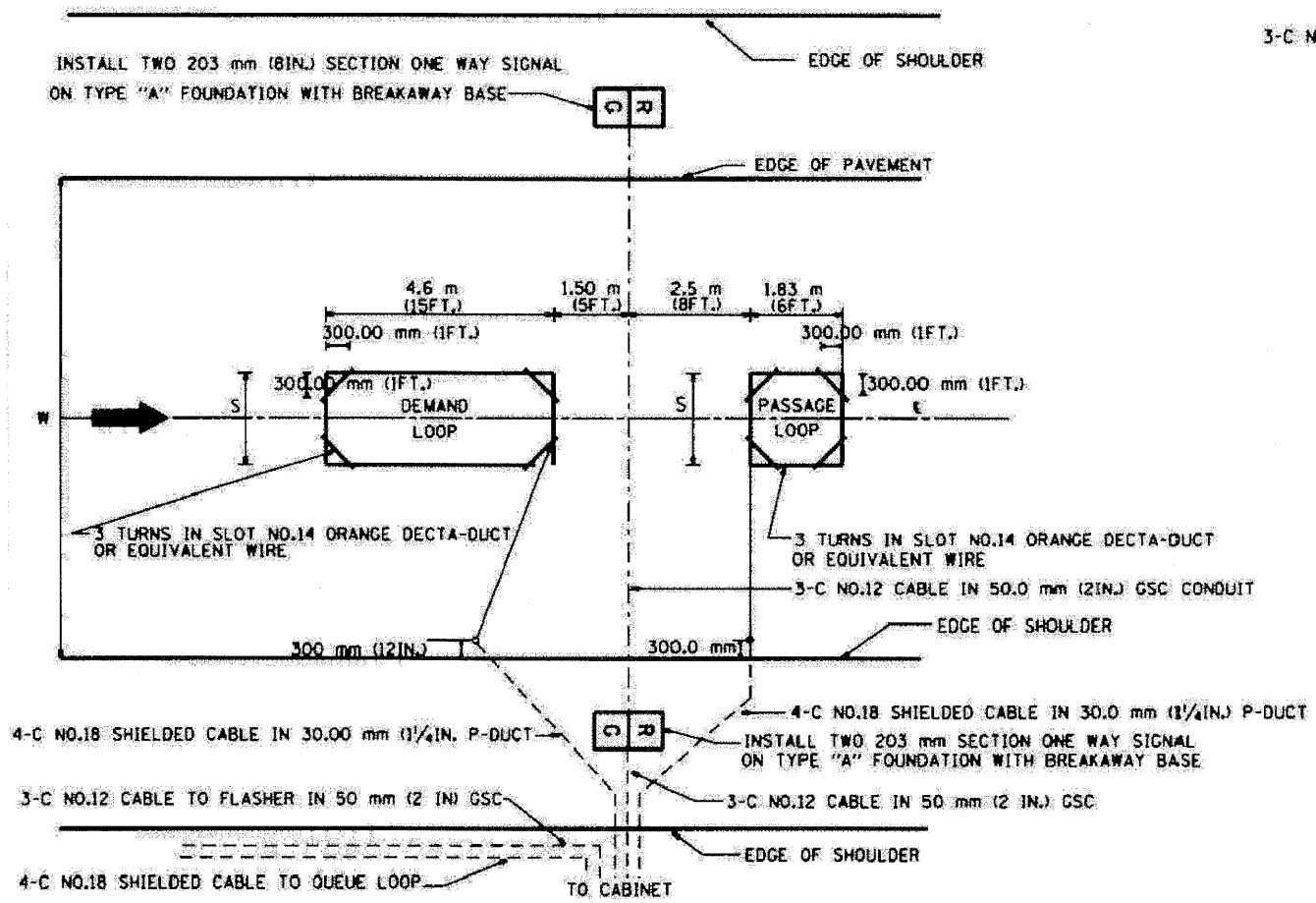
CURVE
 P.I. STA=
 Δ= Δ
 D= D
 R= R
 T= T
 L= L
 E= E
 θ= θ
 T.R.=
 S.E. RUN=
 P.C. STA=
 P.T. STA=

SYMBOL	LEGEND
☒	TSC CABINET
○	ROUND INDUCTION LOOP
○	INDUCTION LOOP
●	HEAVY DUTY HAND HOLE
○	SERVICE INSTALLATION
△	TELEPHONE SERVICE
☐	JUNCTION BOX
Ⓢ	EXISTING
Ⓜ	INSTALL
Ⓜ	REMOVE
---	GALVANIZED STEEL CONDUIT
---	POLYETHYLENE DUCT

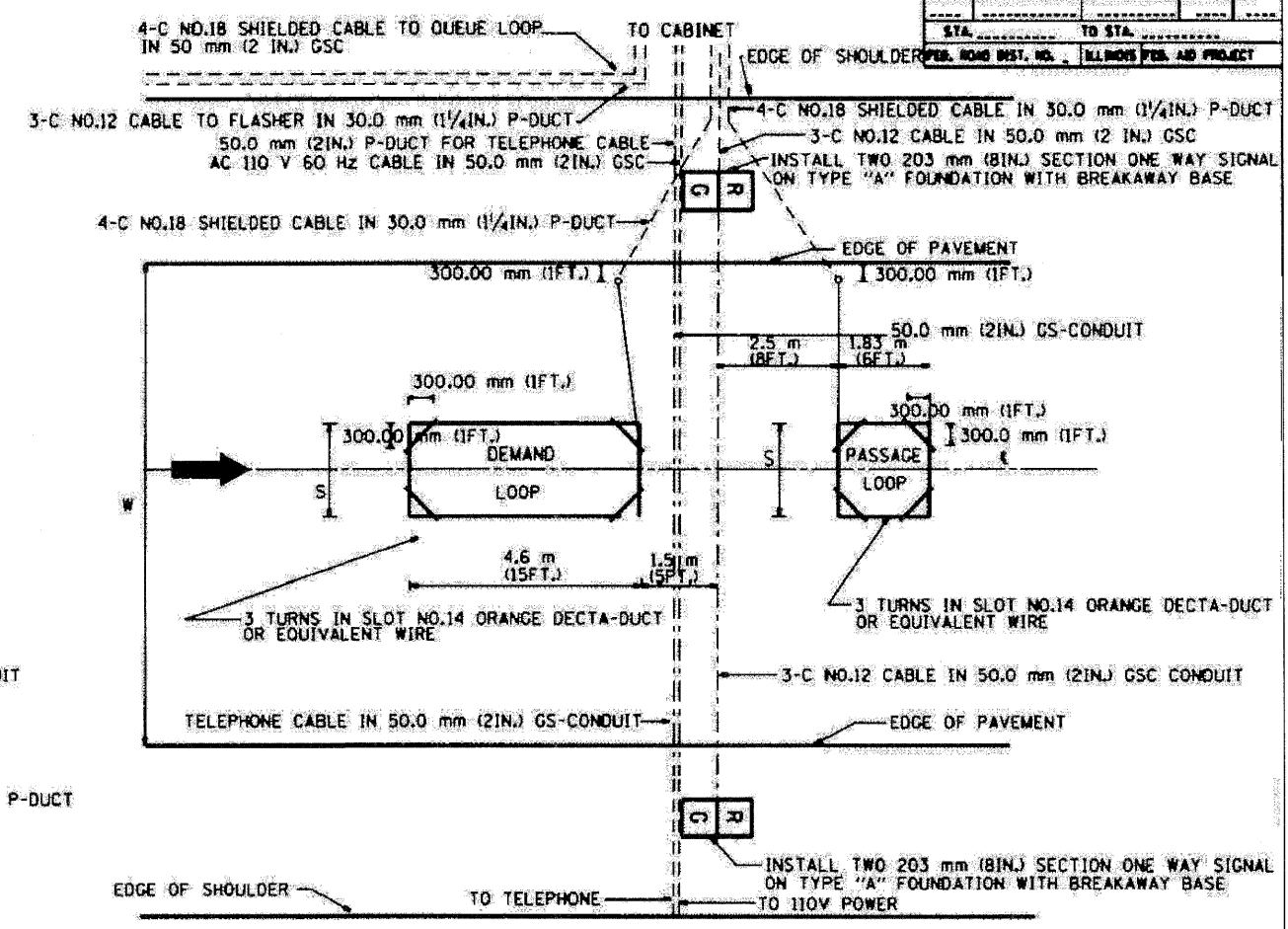
NOTE:
 IDOT RECORD PLANS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION AND EXTENT OF WORK ASSOCIATED WITH REPLACEMENT OF INDUCTION LOOPS, LEAD-IN CABLE AND RELATED WORK.

SUMMARY OF QUANTITIES (THIS SHEET)		
DESCRIPTION	UNIT	QUANTITY
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	LF	272
INDUCTION LOOP	LF	96

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA.	TO STA.			
	FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	

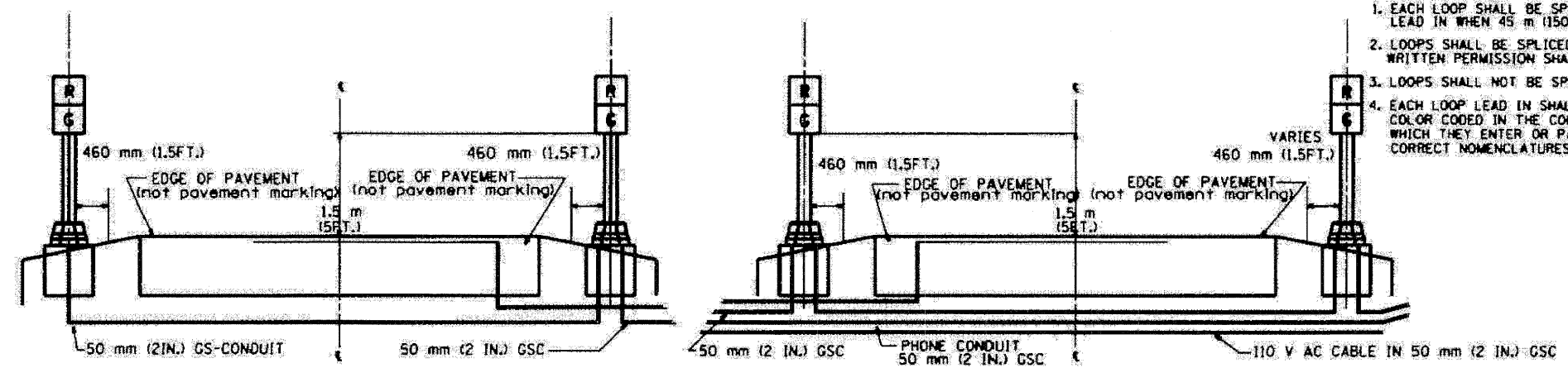


TYPICAL SIGNAL AND LOOP LAYOUT (TYPE I)



TYPICAL SIGNAL AND LOOP LAYOUT (TYPE II)

NOTE: ALL SIGNALS & FOUNDATIONS SHALL BE FIELD LOCATED FOR ACTUAL SITE AND TRAFFIC CONDITIONS.



SECTION

SECTION

- NOTES
1. EACH LOOP SHALL BE SPliced TO A 4-C NO.18 TWISTED SHIELDED LEAD IN WHEN 45 m (150FT.) OR MORE FROM CABINET.
 2. LOOPS SHALL BE SPliced IN HANDHOLES ONLY, OTHERWISE WRITTEN PERMISSION SHALL BE OBTAINED FROM TSC ENGINEER.
 3. LOOPS SHALL NOT BE SPliced IN SERIES.
 4. EACH LOOP LEAD IN SHALL BE IDENTIFIED AND PERMANENTLY COLOR CODED IN THE COREHOLE, HANDHOLE & CABINETS THRU WHICH THEY ENTER OR PASS AND TAGGED WITH THE CORRECT NOMENCLATURES.

WIDTH (W)	WIDTH (S)
3.7 m (12')	2.5 m (8')
4.0 m (13')	2.8 m (9')
4.3 m (14')	3.1 m (10')
4.6 m (15')	3.4 m (11')
4.9 m (16')	3.7 m (12')
5.2 m (17')	4.0 m (13')
5.5 m (18')	4.3 m (14')
5.8 m (19')	4.6 m (15')
6.1 m (20')	4.9 m (16')
6.4 m (21')	5.2 m (17')
6.7 m (22')	5.5 m (18')
7.0 m (23')	5.8 m (19')
7.3 m (24')	6.1 m (20')
7.6 m (25')	6.4 m (21')

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER	
NO.	DATE	TYPICAL RAMP METERING INSTALLATION TYPE I & II (FOR RAMP WITHOUT CURBS & GUTTERS)	
1.	2/94	SCALE: N.T.S.	DRAWN BY: G.J.
2.	2/98	DATE: 6-22-94	CHECKED BY: R.L.

TRAFFIC SYSTEMS CENTER (TY-ITSC-400*)

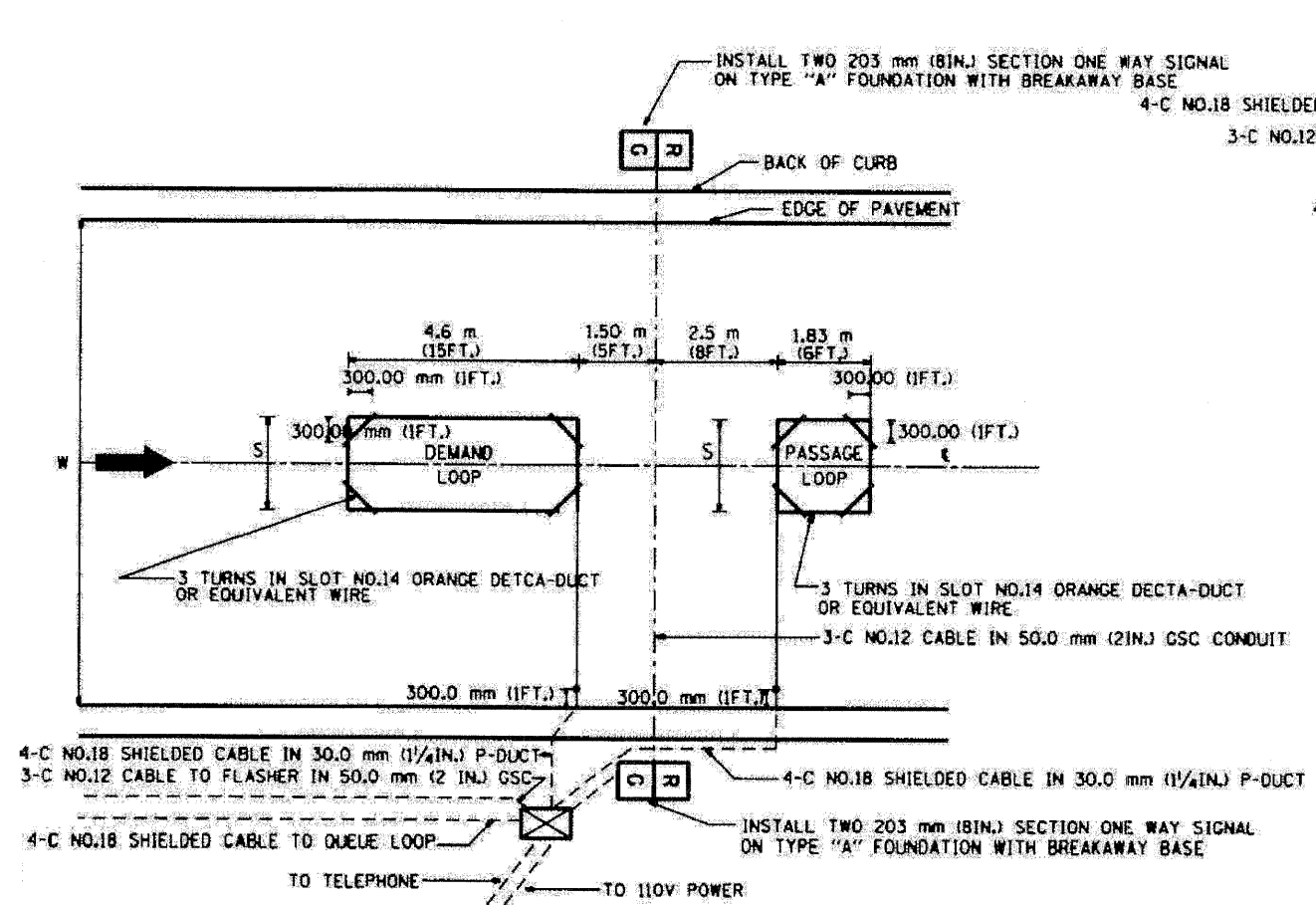
FILE NAME =	DESIGNED - GHT	REVISED -
...Nprp.in.ABC.C1.TS_DET_01.dgn	DRAWN - TMB	REVISED -
USER NAME = tblank	CHECKED - MPM	REVISED -
PLOT DATE = 11/13/2009	DATE - 10/16/09	REVISED -

benesch

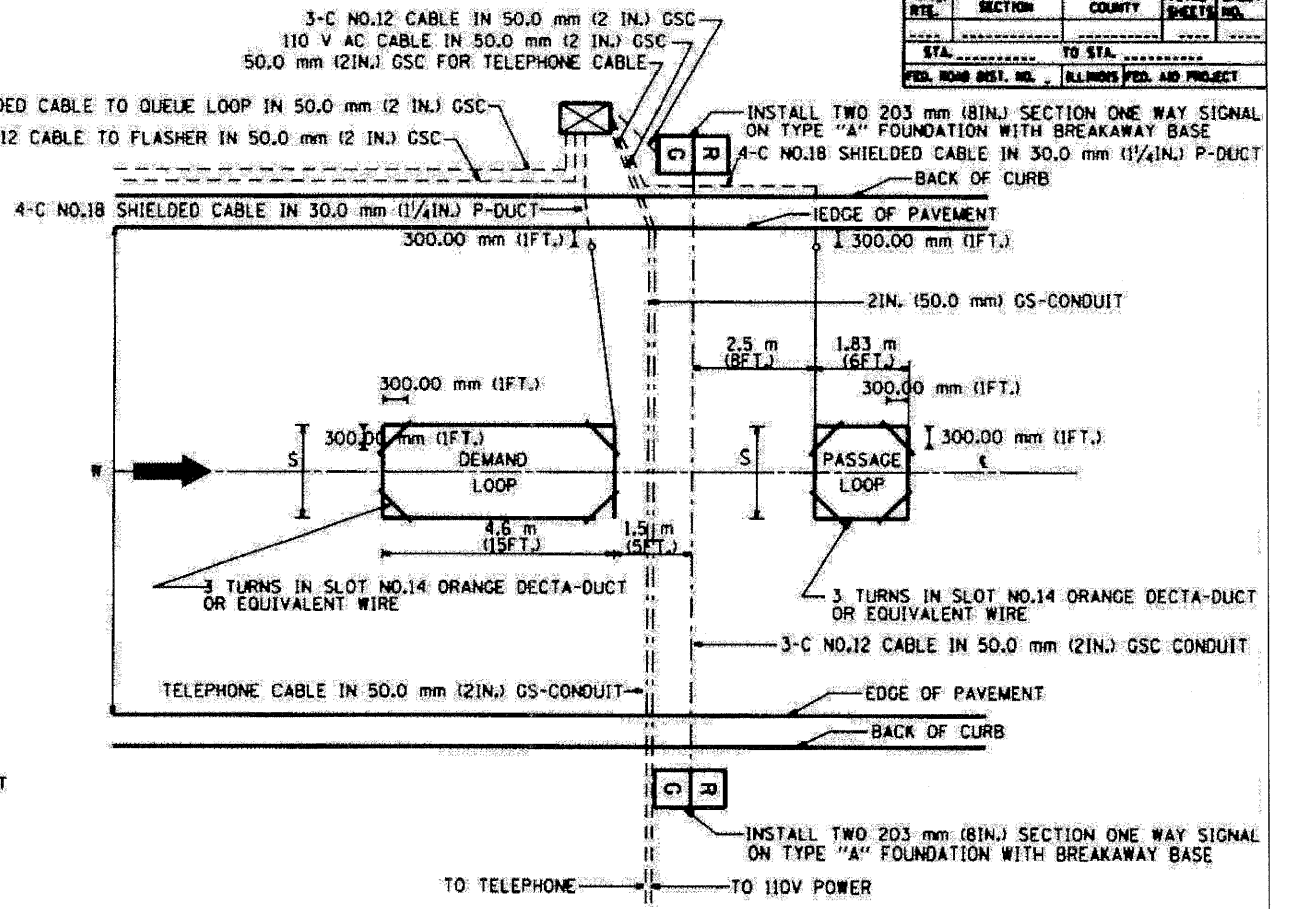
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC SYSTEMS CENTER		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DETAIL SHEETS			221, 1-1, 2&3RS-7		546	518
SCALE: N.T.S.	SHEET NO. 1 OF 14 SHEETS	STA.	TO STA.		CONTRACT NO. 60G51	
				FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



TYPICAL SIGNAL AND LOOP LAYOUT (TYPE I)



TYPICAL SIGNAL AND LOOP LAYOUT (TYPE II)

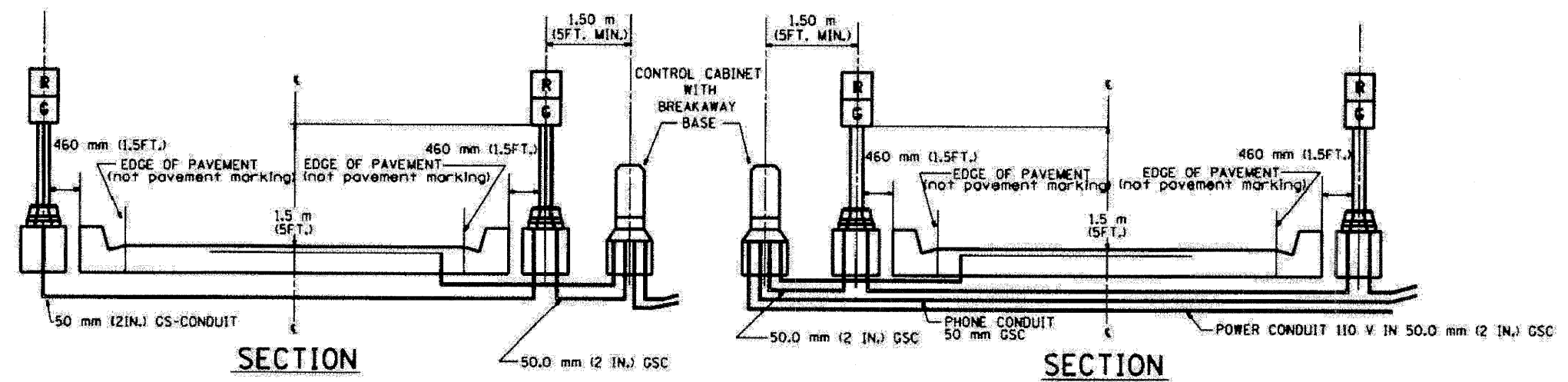


TABLE 1

WIDTH (W)	WIDTH (S)
3.7 m (12')	2.5 m (8')
4.0 m (13')	2.8 m (9')
4.3 m (14')	3.1 m (10')
4.6 m (15')	3.4 m (11')
4.9 m (16')	3.7 m (12')
5.2 m (17')	4.0 m (13')
5.5 m (18')	4.3 m (14')
5.8 m (19')	4.6 m (15')
6.1 m (20')	4.9 m (16')
6.4 m (21')	5.2 m (17')
6.7 m (22')	5.5 m (18')
7.0 m (23')	5.8 m (19')
7.3 m (24')	6.1 m (20')
7.6 m (25')	6.4 m (21')

- NOTES
1. EACH LOOP SHALL BE SPLICED TO A 4-C NO.18 TWISTED SHIELDED LEAD IN WHEN 150FT. (45 m) OR MORE FROM CABINET.
 2. LOOPS SHALL BE SPLICED IN HANDHOLES ONLY, OTHERWISE WRITTEN PERMISSION SHALL BE OBTAINED FROM TSC ENGINEER.
 3. LOOPS SHALL NOT BE SPLICED IN SERIES.
 4. EACH LOOP LEAD IN SHALL BE IDENTIFIED AND PERMANENTLY COLOR CODED IN THE COREHOLE, HANDHOLE & CABINETS THRU WHICH THEY ENTER OR PASS AND TAGGED WITH THE CORRECT NOMENCLATURES.

REVISION	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER

**TYPICAL RAMP METERING
INSTALLATION TYPE I & II
(WITH CURB & GUTTER)**

SCALE: VERT. NONE
DATE: 6-22-94

DRAWN BY: G.M.
CHECKED BY: R.L.

TRAFFIC SYSTEMS CENTER (TY-ITSC-400*2)

FILE NAME =	DESIGNED - GHT	REVISED -
...Narp1...ABC.C1.TS_DET_02.dgn	DRAWN - TMB	REVISED -
USER NAME = tblank	CHECKED - MPM	REVISED -
PLOT DATE = 11/13/2009	DATE - 10/16/09	REVISED -

benesch

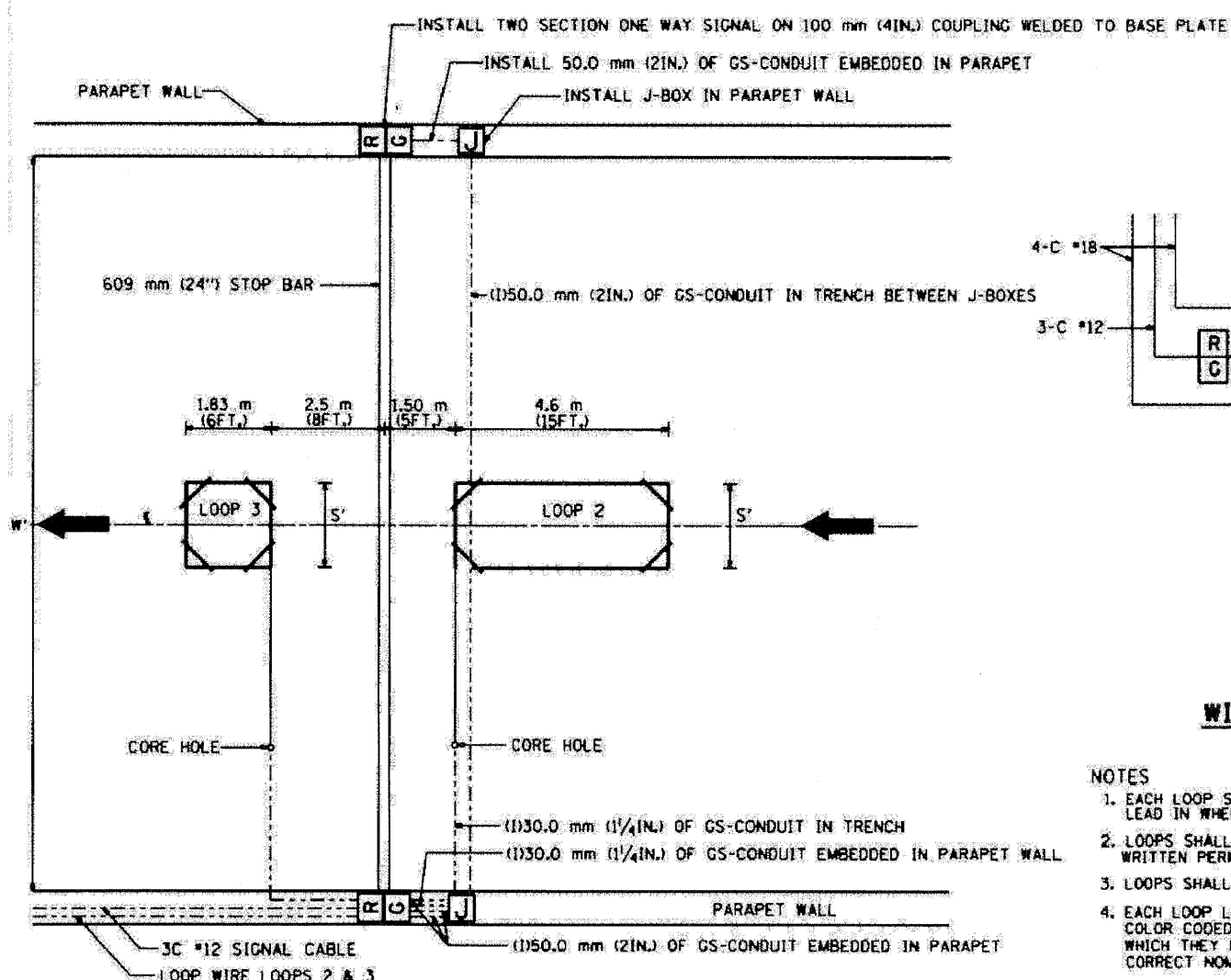
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SYSTEMS CENTER
DETAIL SHEETS

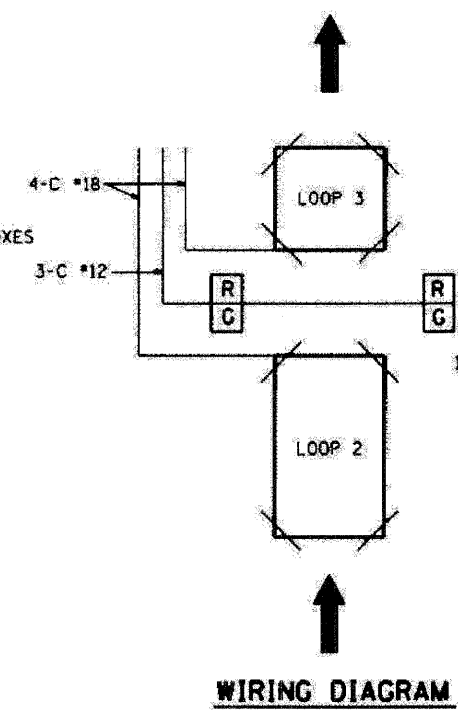
SCALE: N.T.S. SHEET NO. 2 OF 14 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22(1, 1-1, 2&3)RS-7			546	519
*290,355	CONTRACT NO. 60G51			
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

F.A.J. SITE	SECTION	COUNTY	TOTAL SHEETS
NO.	NO.	NO.	NO.
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

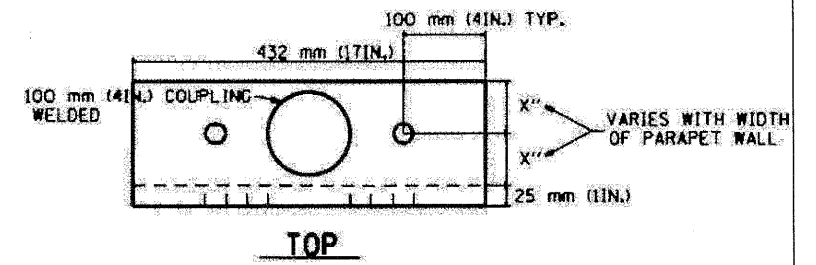


TYPICAL LOOP LAYOUT

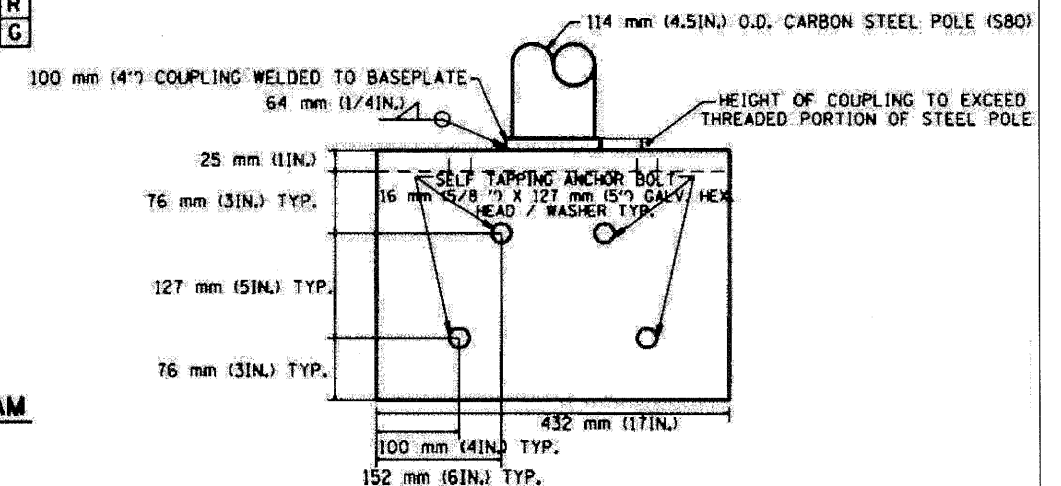


WIRING DIAGRAM

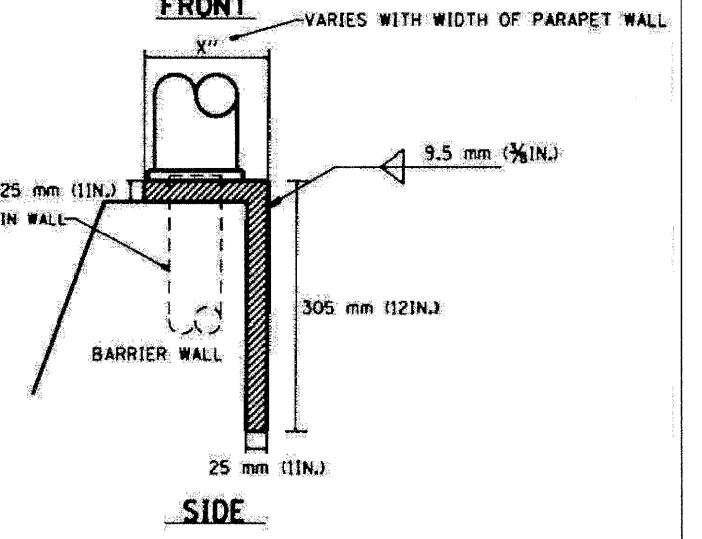
- NOTES**
1. EACH LOOP SHALL BE SPLICED TO A 4-C NO.18 TWISTED SHIELDED LEAD IN WHEN 45 m (150FT.) OR MORE FROM CABINET.
 2. LOOPS SHALL BE SPLICED IN HANDHOLES OR J-BOX ONLY, OTHERWISE WRITTEN PERMISSION SHALL BE OBTAINED FROM TSC ENGINEER.
 3. LOOPS SHALL NOT BE SPLICED IN SERIES.
 4. EACH LOOP LEAD IN SHALL BE IDENTIFIED AND PERMANENTLY COLOR CODED IN THE COREHOLE, HANDHOLE & CABINETS THRU WHICH THEY ENTER OR PASS AND TAGGED WITH THE CORRECT NOMENCLATURES.



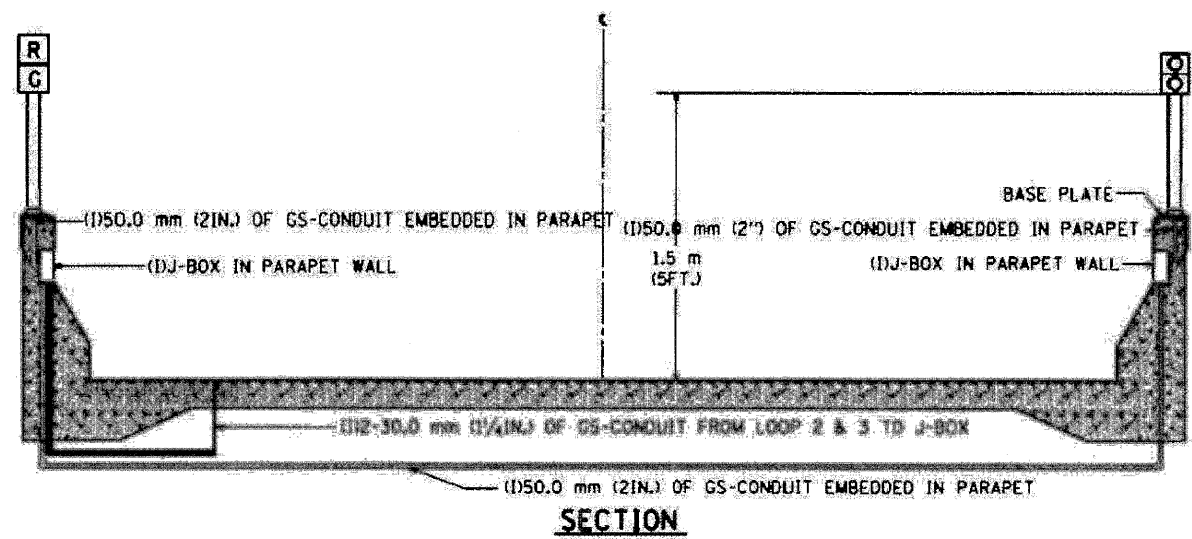
TOP



FRONT



SIDE



SECTION

WIDTH (W)	WIDTH (S)
3.7 m (12')	2.5 m (8')
4.0 m (13')	2.8 m (9')
4.3 m (14')	3.1 m (10')
4.6 m (15')	3.4 m (11')
4.9 m (16')	3.7 m (12')
5.2 m (17')	4.0 m (13')
5.5 m (18')	4.3 m (14')
5.8 m (19')	4.6 m (15')
6.1 m (20')	4.9 m (16')
6.4 m (21')	5.2 m (17')
6.7 m (22')	5.5 m (18')
7.0 m (23')	5.8 m (19')
7.3 m (24')	6.1 m (20')
7.6 m (25')	6.4 m (21')

REVISIONS	DATE
RL	1/94
RL	2/96
T.C.	3/96
RL	2/98

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TRAFFIC SYSTEMS CENTER
**TYPICAL RAMP METERING
 TYPE 3 BARRIER WALL
 INSTALLATION**
 SCALE: VERT. NONE
 HORIZ. 1/8"=1'-0"
 DATE: 5-22-94
 DRAWN BY: G.A.
 CHECKED BY: R.L.

TRAFFIC SYSTEMS CENTER (TY-1TSC-400*3)

FILE NAME =	DESIGNED - GHT	REVISED -
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USER NAME = tblank	CHECKED - MPM	REVISED -
PLOT DATE = 11/13/2009	DATE - 10/16/09	REVISED -

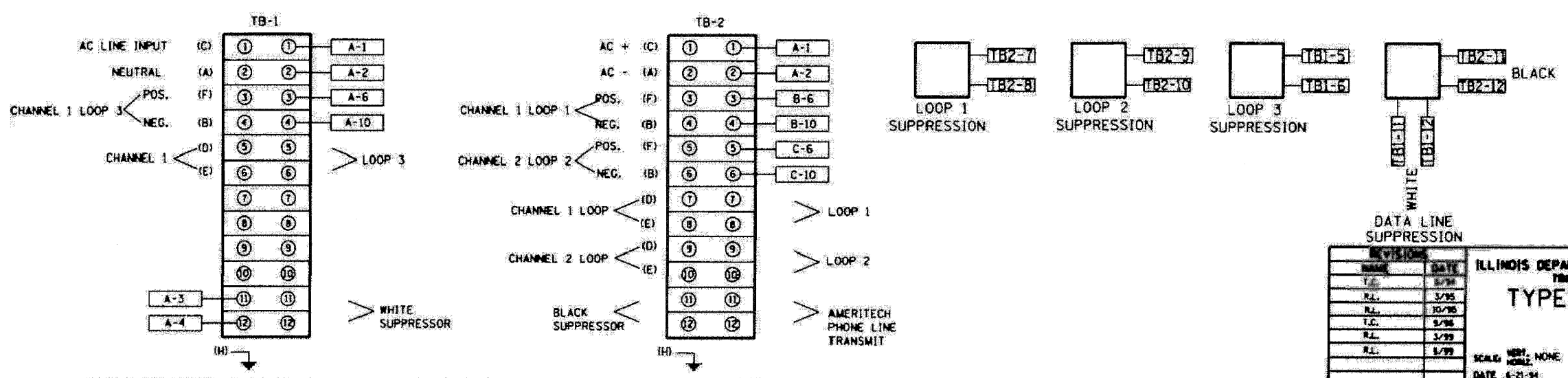
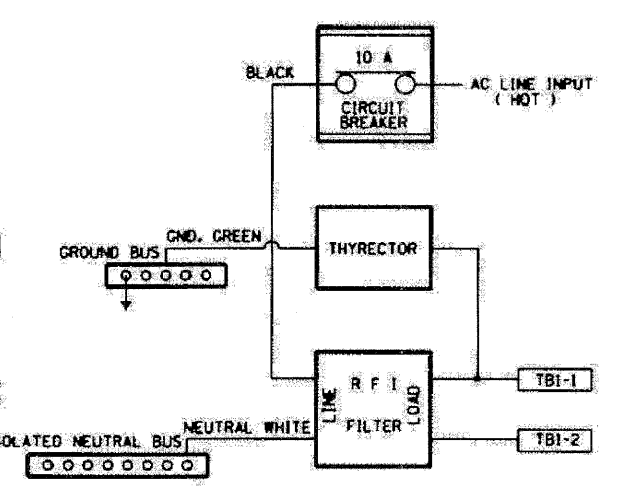
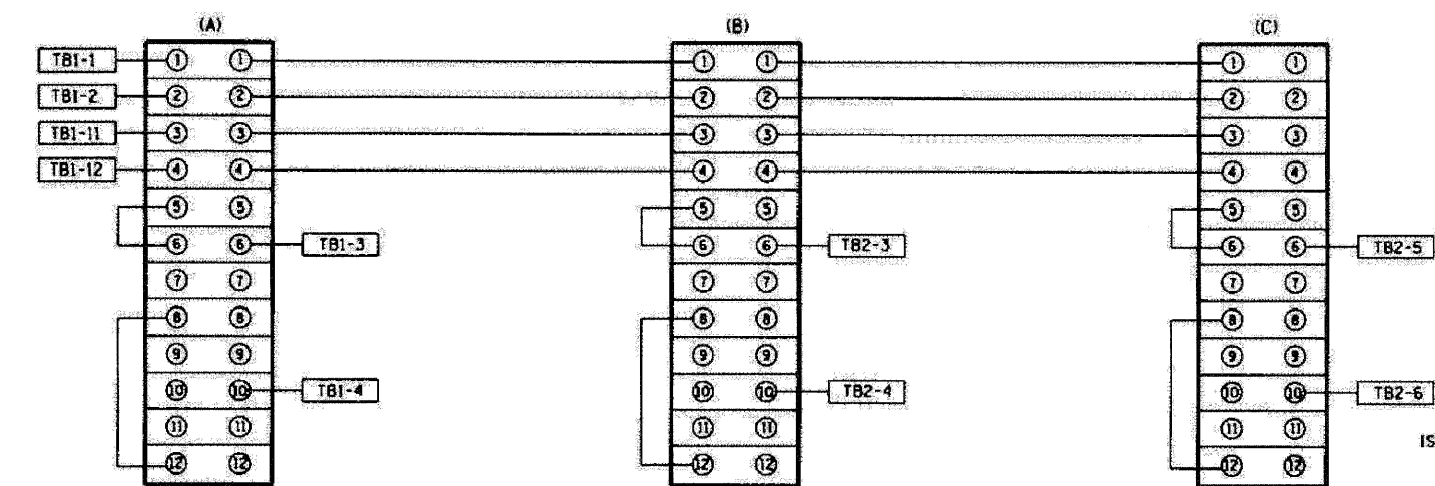
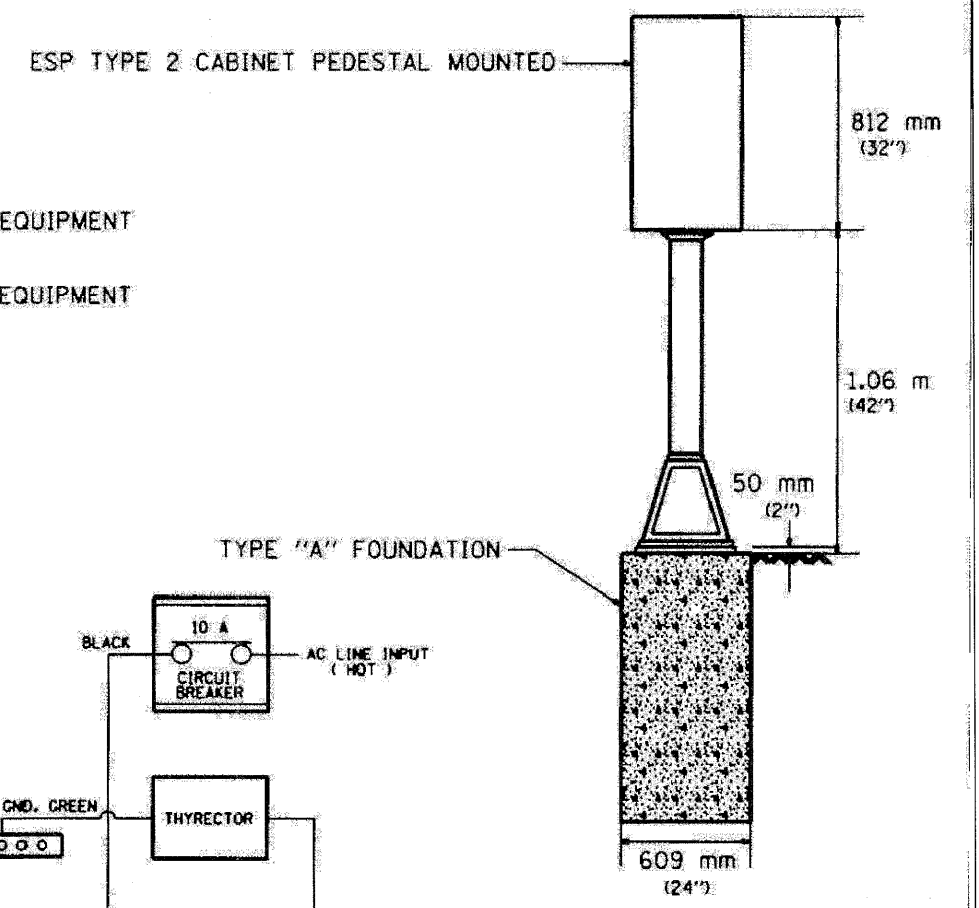
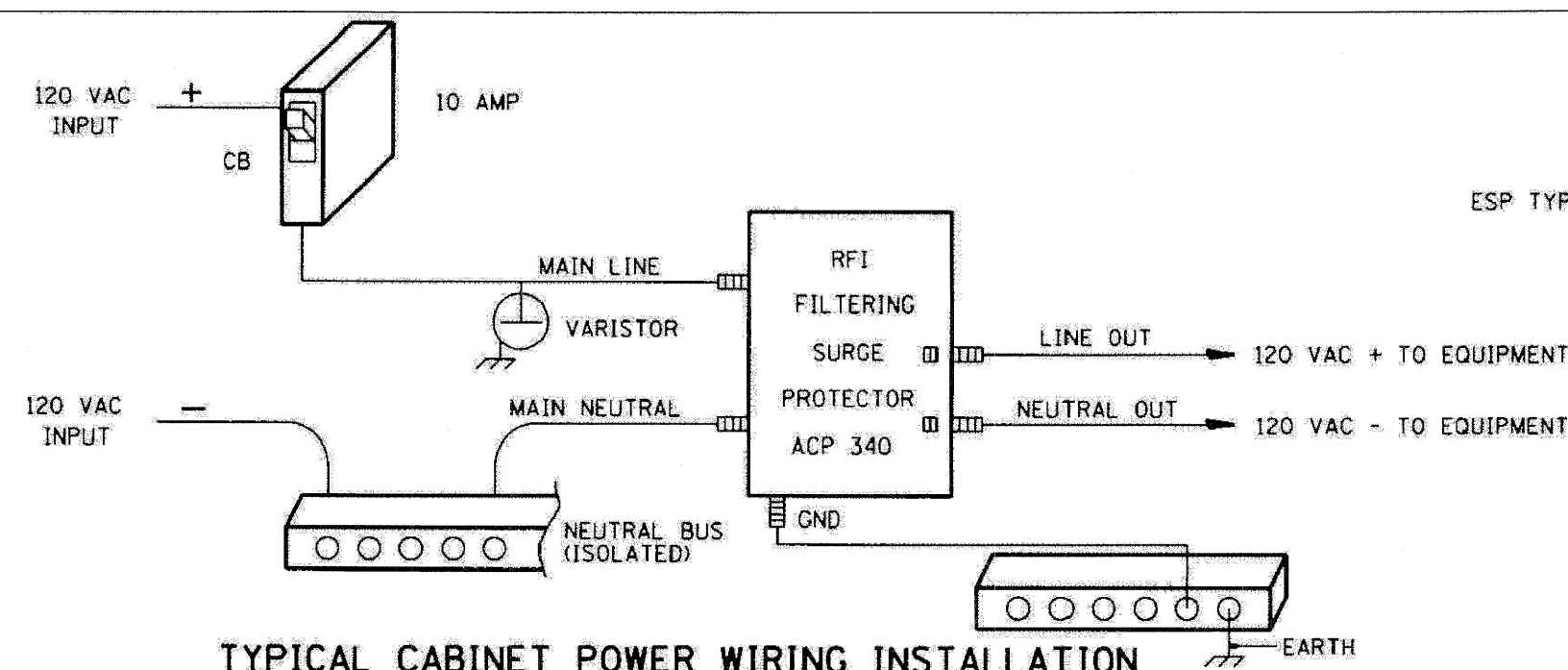
benesch

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TRAFFIC SYSTEMS CENTER DETAIL SHEETS		
SCALE: N.T.S.	SHEET NO. 3 OF 14 SHEETS	STA. TO STA.

F.A.J. SITE	SECTION	COUNTY	TOTAL SHEETS
NO.	NO.	NO.	NO.
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA. _____	TO STA. _____		546	521
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT _____		



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER	
NO.	DATE	TYPE II CABINET WIRING	
T.C.	8/94	SCALE: VERT. NONE HORIZ. NONE DATE: 6-21-94 DRAWN BY: GAL CHECKED BY: T.C.	
R.L.	3/95		
R.L.	10/95		
T.C.	3/96		
R.L.	3/99		
R.L.	1/99		

TRAFFIC SYSTEMS CENTER (TY-1TSC-400*5)

FILE NAME = ...Npp111.ABC.C1.TS_DET_04.dgn	DESIGNED - GHT	REVISED -
USER NAME = tblank	DRAWN - TMB	REVISED -
PLOT DATE = 11/13/2009	CHECKED - MPV	REVISED -
	DATE - 10/16/09	REVISED -

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

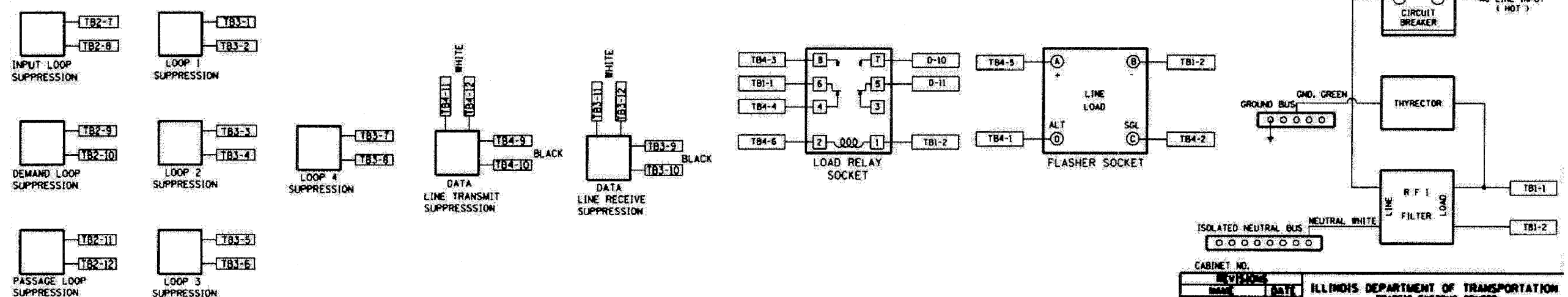
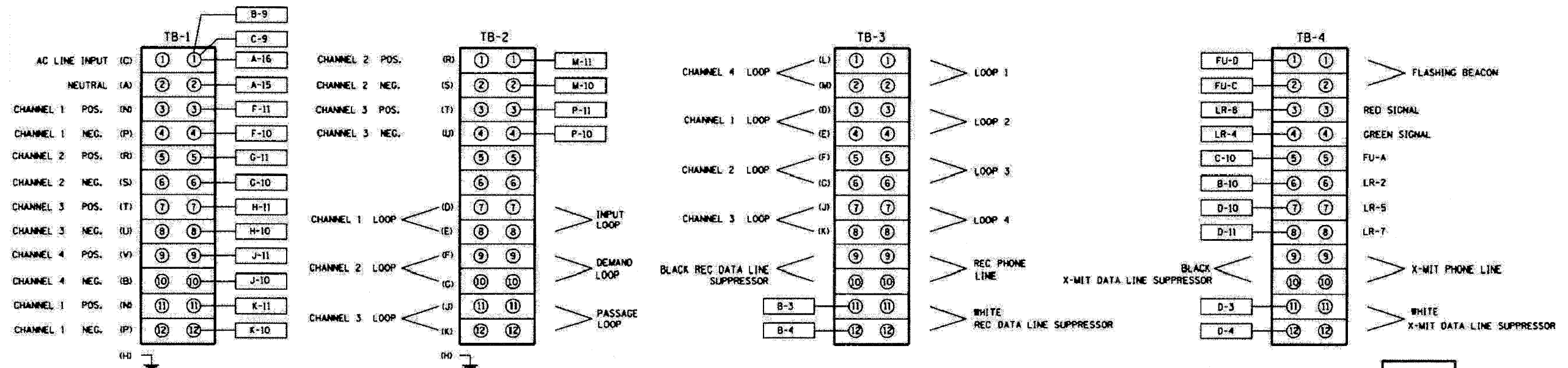
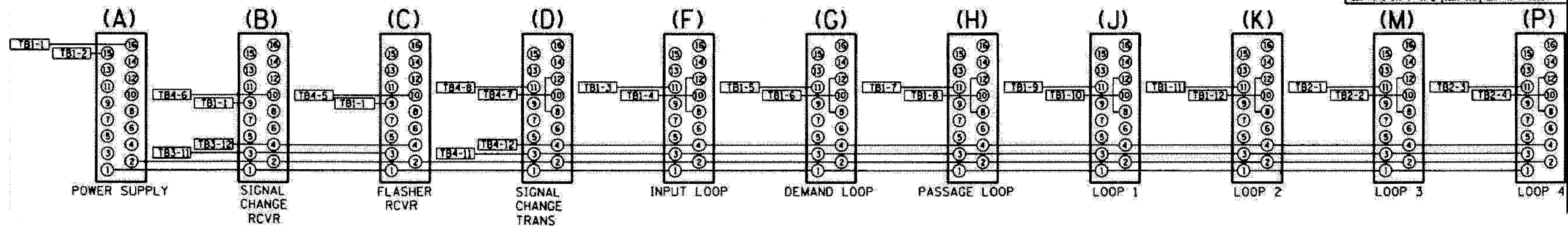
TRAFFIC SYSTEMS CENTER
DETAIL SHEETS

SCALE: N.T.S. SHEET NO. 4 OF 14 SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	220, 1-1, 2&3RS-7		546	521
•290,355		CONTRACT NO. 60G51		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT _____		

BACK VIEW OF TONE RACK

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



REVISED	DATE	BY

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
**METERING CABINET
WIRING DIAGRAM**
SCALE: NONE
DATE: 6/21/94
DRAWN BY: GJM
CHECKED BY: T.C.

TRAFFIC SYSTEMS CENTER (TY-1TSC-400#8)

FILE NAME = ...	DESIGNED - GHT	REVISED -
USER NAME = tblank	DRAWN - TMB	REVISED -
PLOT DATE = 11/13/2009	CHECKED - MPV	REVISED -
	DATE - 10/16/09	REVISED -

benesch

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

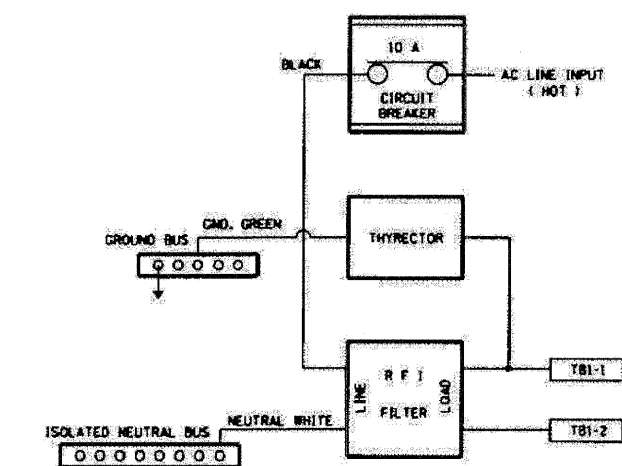
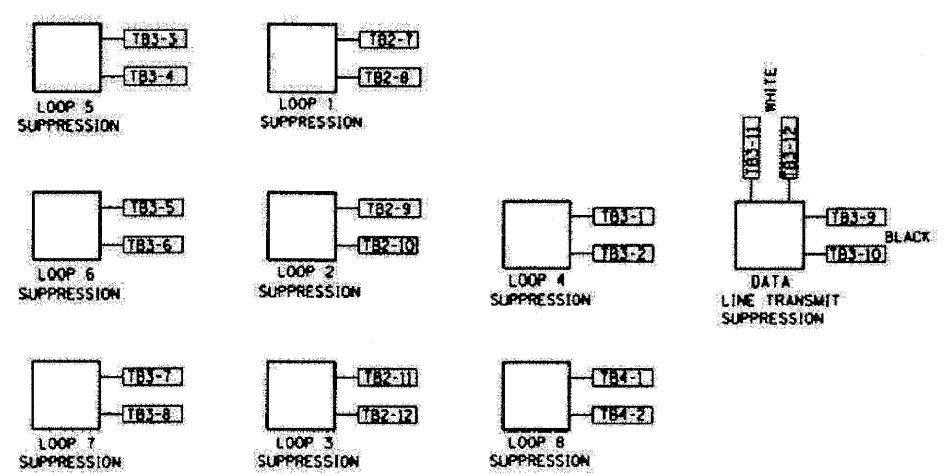
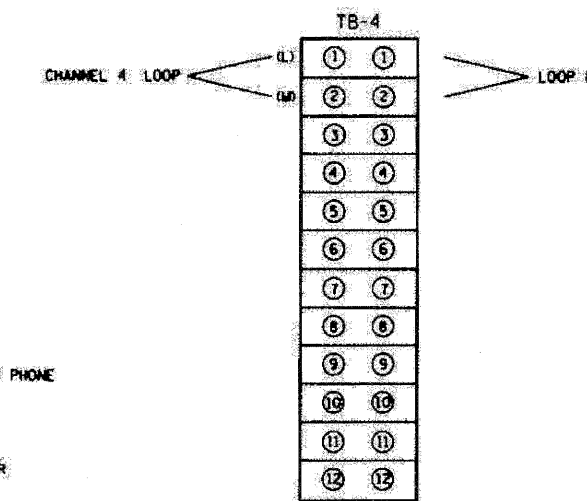
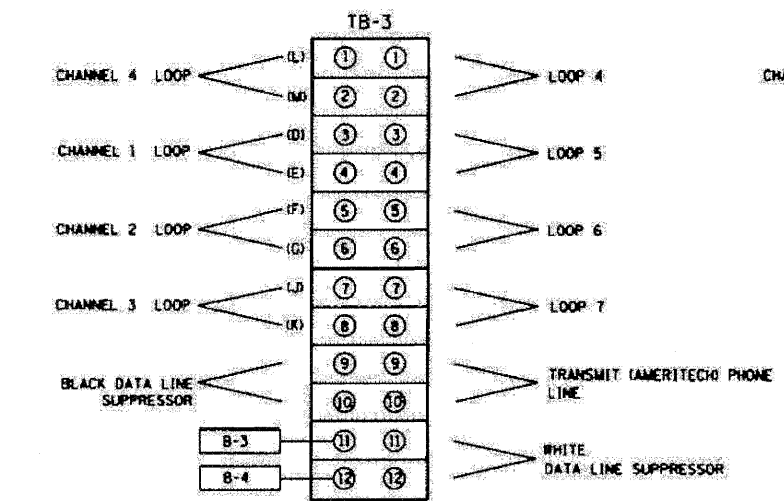
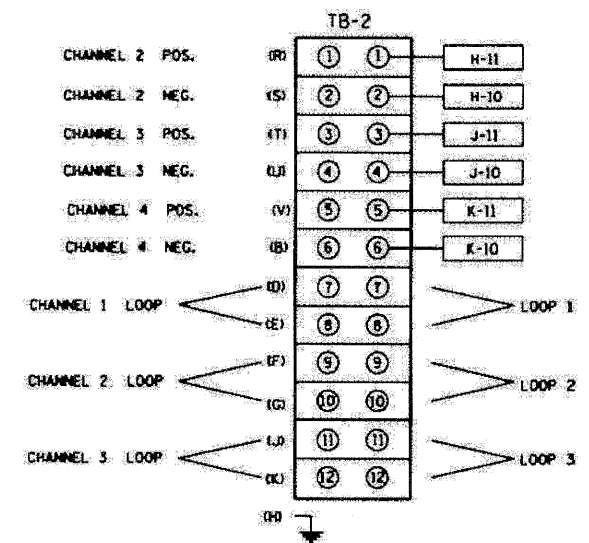
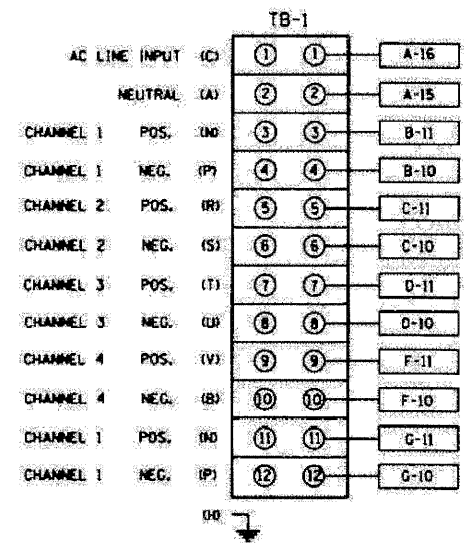
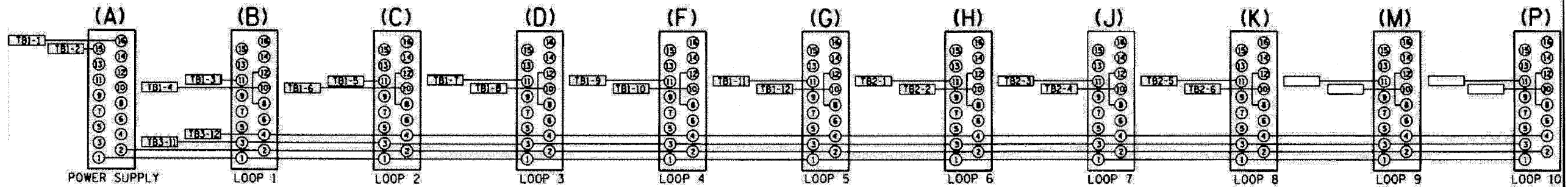
TRAFFIC SYSTEMS CENTER
DETAIL SHEETS

SCALE: N.T.S. SHEET NO. 5 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
220, 1-1, 2&3RS-7	DUPAGE	546	522	
*290,355	CONTRACT NO. 60G51			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA. _____	TO STA. _____			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

BACK VIEW OF TONE RACK



REVISIONS		CABINET NO.	ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER
NO.	DATE		
			TYPE 3 CABINET WIRING DIAGRAM
			SCALE: NONE DATE 10/17/85
			DRAWN BY G.M. CHECKED BY R.L.

TRAFFIC SYSTEMS CENTER (TY-1TSC-400*13)

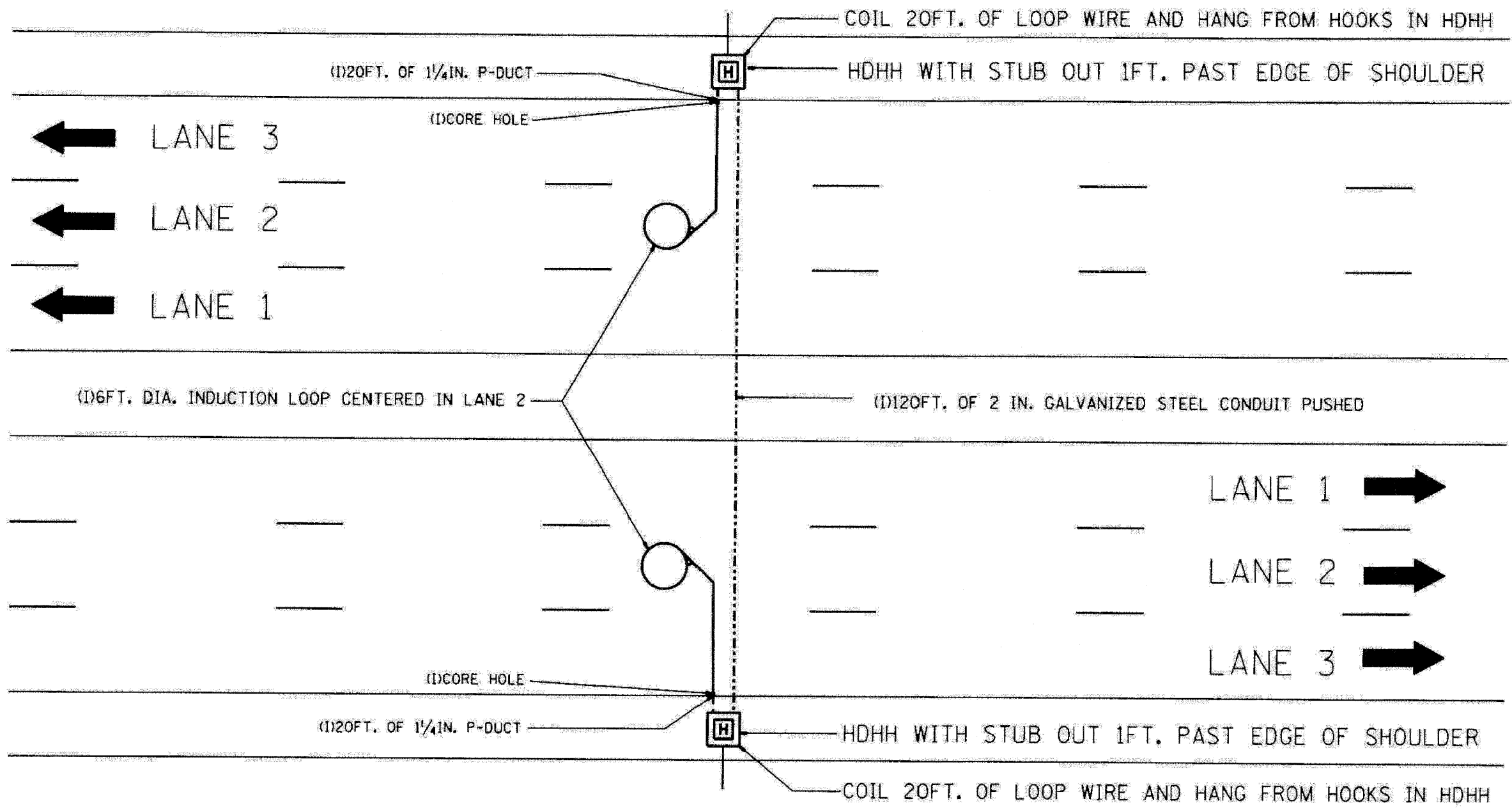
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PLOT DATE = 11/13/2009	CHECKED - MPW	REVISED -
	DATE - 10/16/09	REVISED -

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SYSTEMS CENTER DETAIL SHEETS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: N.T.S.	SHEET NO. 6 OF 14 SHEETS		22(1, 1-1, 2&3)RS-7	DUPAGE	546	523
			*290,355	CONTRACT NO.	60G51	
			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



NOTE:
 THE COST OF LOOP WIRE IN HDHH IS INCIDENTAL TO THE INDUCTION LOOP, IT SHALL NOT BE MEASURE FOR PAYMENT.

 INSTALL AT STATIONS.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NO.	DATE	ONE LANE COUNT STATION	
		SCALE: NONE	DRAWN BY: G.M.
		DATE: 01-31-07	CHECKED BY: J.G.

TRAFFIC SYSTEMS CENTER (TY-1TSC-400*31)

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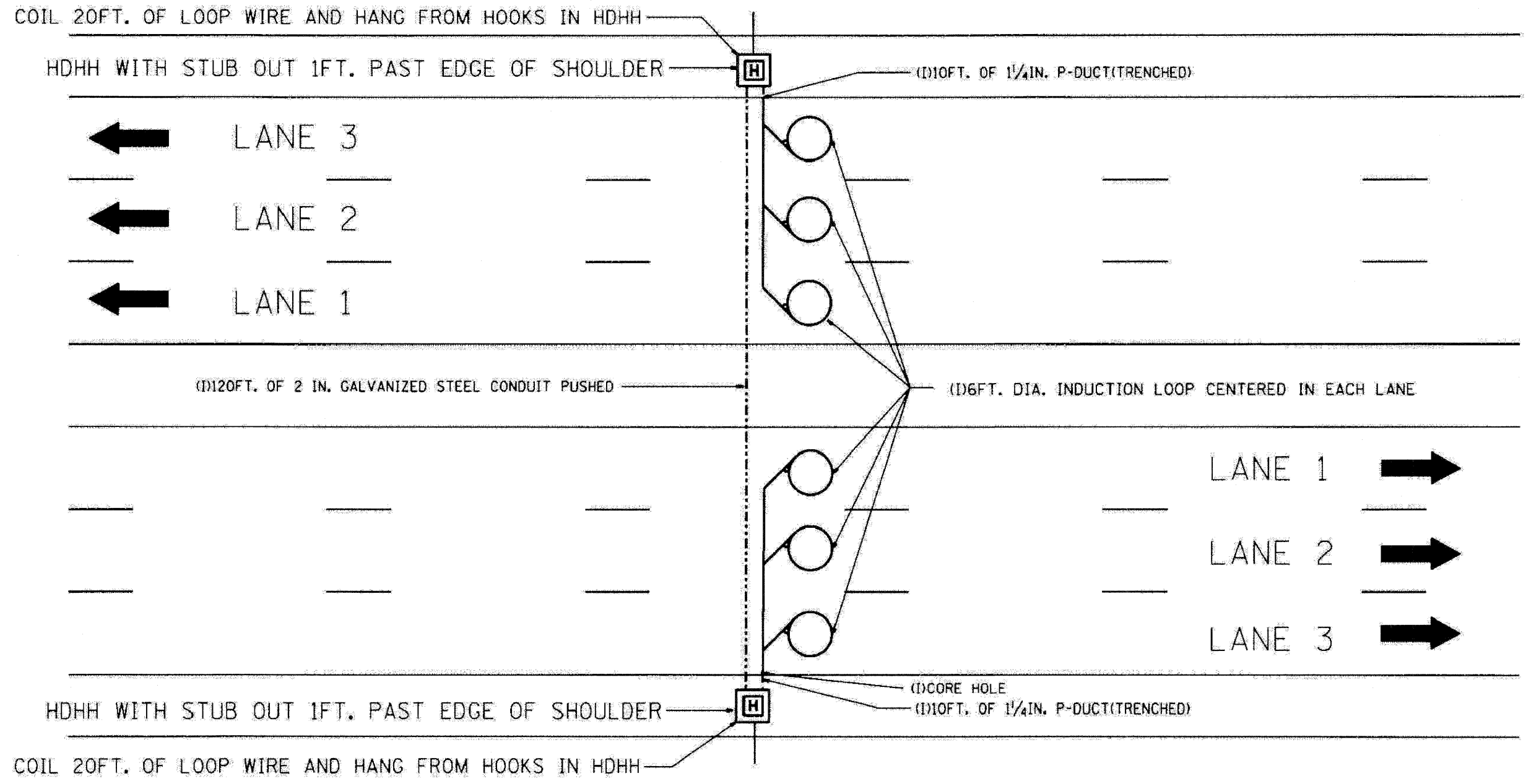
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TRAFFIC SYSTEMS CENTER DETAIL SHEETS		F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: N.T.S.		2211	1-1, 2&3RS-7	DUPAGE	546	524
SHEET NO. 7 OF 14 SHEETS		STA.		CONTRACT NO. 60G51		

F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2211	1-1, 2&3RS-7	DUPAGE	546	524
*290,355		CONTRACT NO. 60G51		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA.	TO STA.		546	525
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



NOTE:
 THE COST OF LOOP WIRE IN HDHH IS INCIDENTAL TO THE INDUCTION LOOP.
 IT SHALL NOT BE MEASURE FOR PAYMENT.

INSTALL AT STATIONS.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NO.	DATE	3 LANE COUNT STATION	
		SCALE: VERT. NONE	DRAWN BY: G.M.
		DATE: 01-31-07	CHECKED BY: J.G.

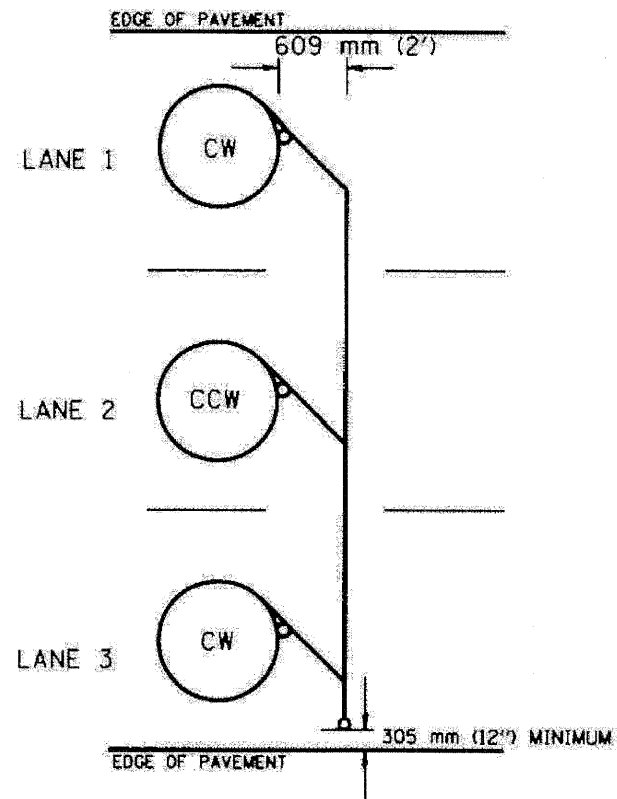
TRAFFIC SYSTEMS CENTER (TY-1TSC-400*32)

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PLOT DATE = 11/13/2009	DATE - 10/16/09	REVISED -

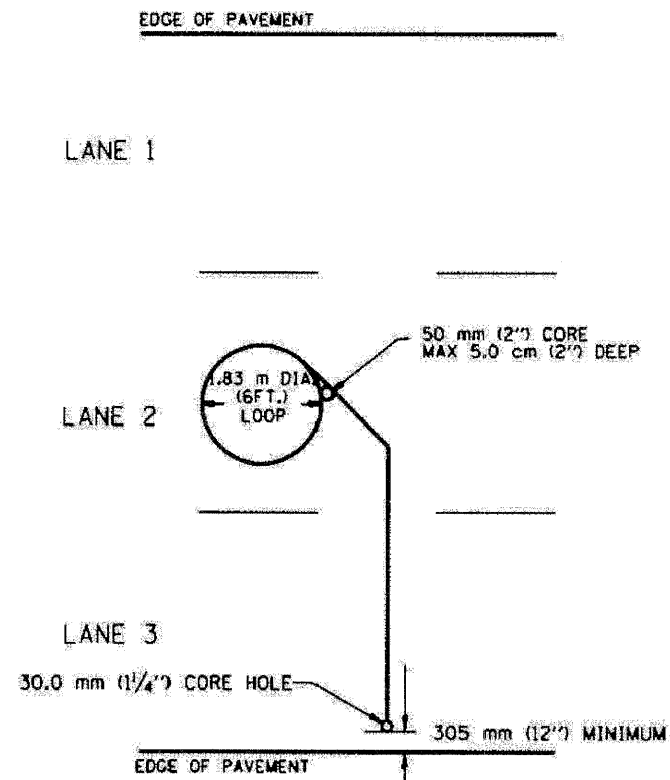
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 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TRAFFIC SYSTEMS CENTER		F.A.I. RTE.		TOTAL SHEETS	
DETAIL SHEETS		SECTION	COUNTY	DUPAGE	SHEET NO.
SCALE: N.T.S.		220, 1-1, 2&3RS-7	DUPAGE	546	525
SHEET NO. 8 OF 14 SHEETS		CONTRACT NO. 60G51	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

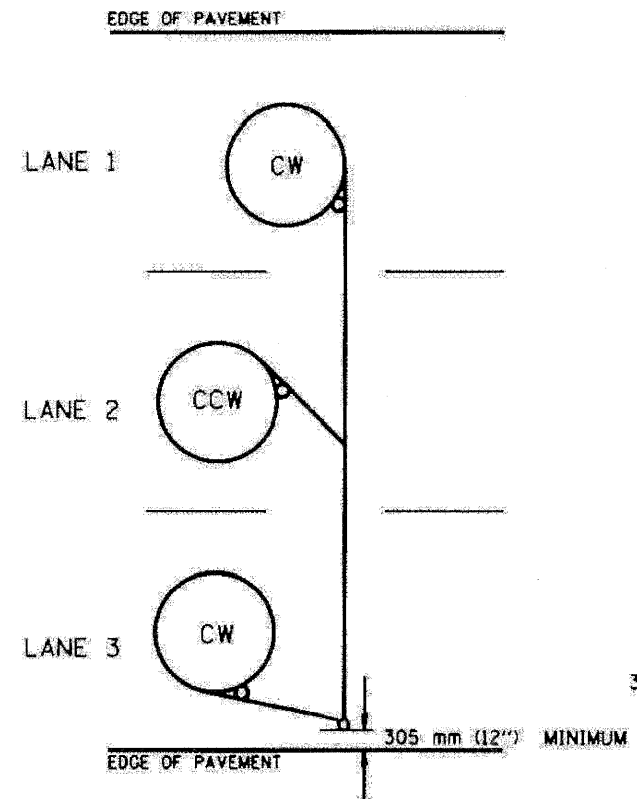
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



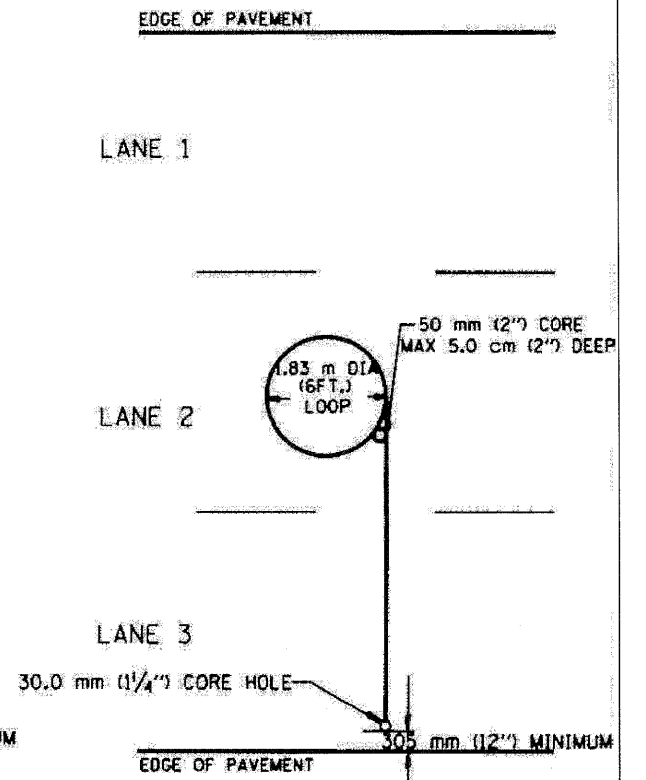
**TYPICAL 1.83 m (6FT.) DIA. INDUCTION LOOP CORE DRILL
LAYOUT FOR MULTIPLE LANE ROADWAY**



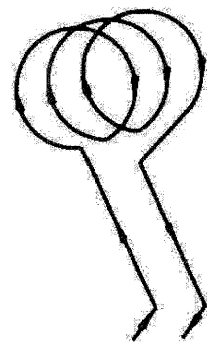
**TYPICAL 1.83 m (6') DIA. INDUCTION LOOP
LAYOUT FOR LANE 2**



**TYPICAL 1.83 m (6') DIA. INDUCTION LOOP CORE DRILL
LAYOUT FOR MULTIPLE LANE ROADWAY**



**TYPICAL 1.83 m (6') DIA. INDUCTION LOOP
LAYOUT FOR LANE 2**



WIRING DETAILS

NOTES

1. EACH LOOP SHALL BE SPLICED TO A 4-C NO.18 TWISTED SHIELDED LEAD IN WHEN 45 m (150FT.) OR MORE FROM CABINET.
2. LOOPS SHALL BE SPLICED IN HANDHOLES ONLY, OTHERWISE WRITTEN PERMISSION SHALL BE OBTAINED FROM TSC ENGINEER.
3. LOOPS SHALL NOT BE SPLICED IN SERIES.
4. EACH LOOP LEAD IN SHALL BE IDENTIFIED AND PERMANENTLY COLOR CODED IN THE COREHOLE, HANDHOLE & CABINETS THRU WHICH THEY ENTER OR PASS AND TAGGED WITH THE CORRECT NOMENCLATURES.

REVISION	DATE

**ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
EXISTING ROUND LOOP
INSTALLATION**

SCALE: VERT. NONE
HORIZ. NONE
DATE 6-22-94

DRAWN BY C.M.
CHECKED BY R.L.

TRAFFIC SYSTEMS CENTER (TY-1TSC-418#1)

FILE NAME =	DESIGNED - GHT	REVISED -
...Nrppl-ABC.C1.TS_DET_09.dgn	DRAWN - TMB	REVISED -
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PLOT DATE = 11/13/2009	DATE - 10/16/09	REVISED -

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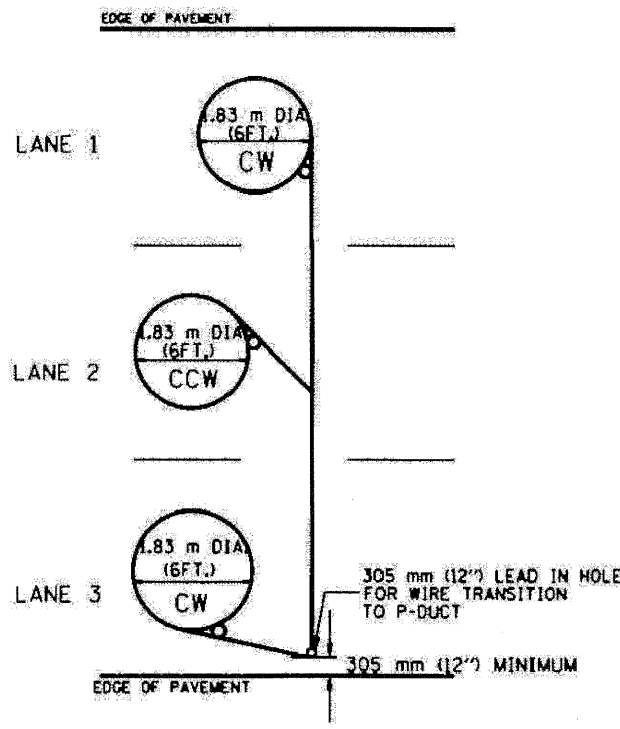
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SYSTEMS CENTER
DETAIL SHEETS**

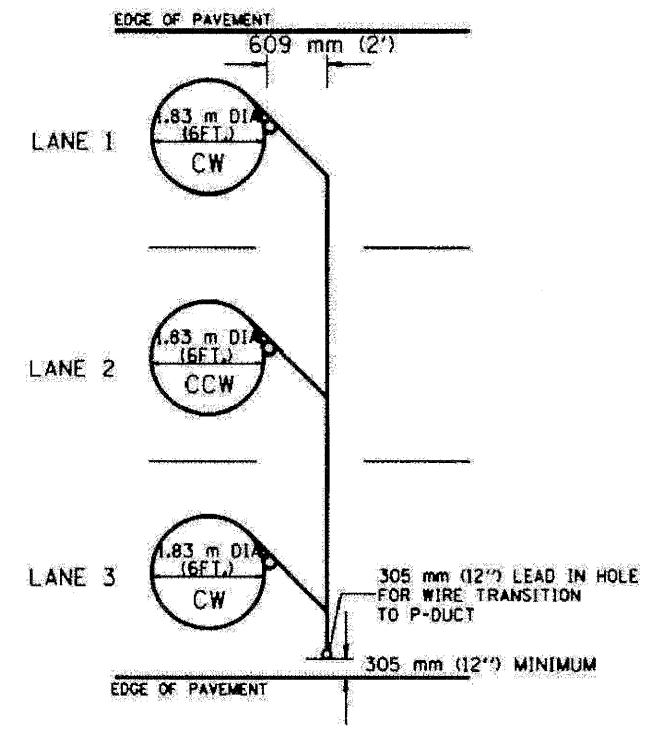
SCALE: N.T.S. SHEET NO. 9 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	220, 1-1, 2&3RS-7	DUPAGE	546	526
	*290,355	ILLINOIS	CONTRACT NO. 60G51	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

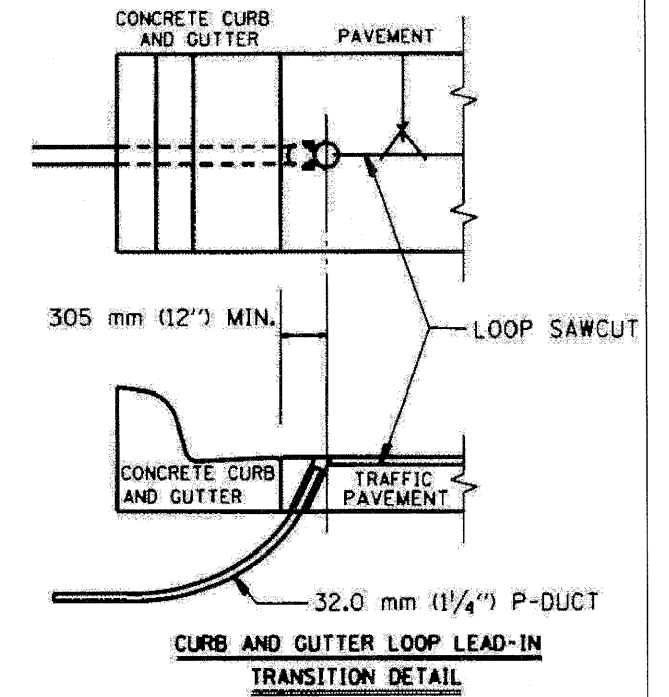
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



TYPICAL 1.83 m (6FT.) DIA. INDUCTION LOOP CORE DRILL
LAYOUT FOR MULTIPLE LANE ROADWAY

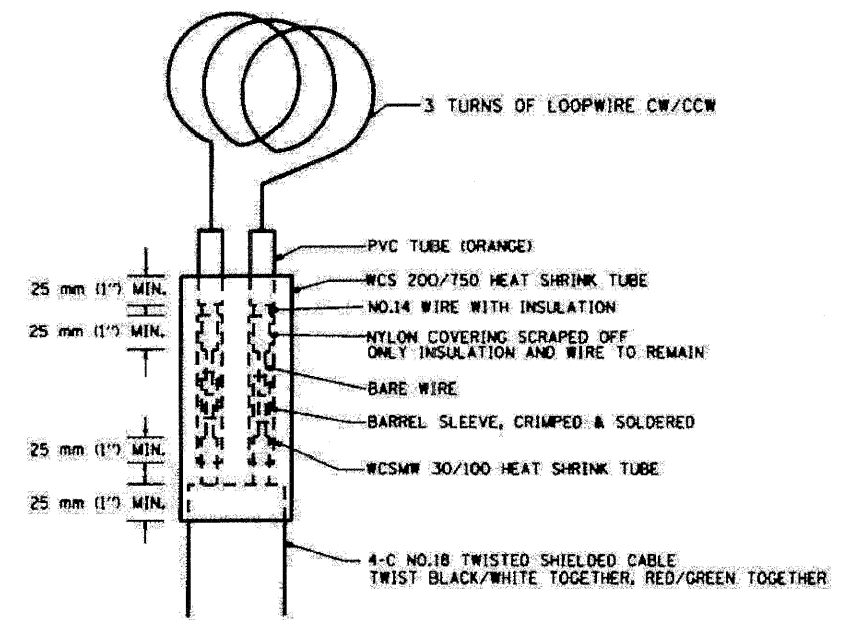


TYPICAL 1.83 m (6') DIA. INDUCTION LOOP CORE DRILL
LAYOUT FOR MULTIPLE LANE ROADWAY



NOTES

1. EACH LOOP SHALL BE SPliced TO A 4-C NO.18 TWISTED SHIELDED LEAD IN WHEN 45 m (150FT.) OR MORE FROM CABINET.
2. LOOPS SHALL BE SPliced IN HANDHOLES ONLY, OTHERWISE WRITTEN PERMISSION SHALL BE OBTAINED FROM TSC ENGINEER.
3. LOOPS SHALL NOT BE SPliced IN SERIES.
4. EACH LOOP LEAD IN SHALL BE IDENTIFIED AND PERMANENTLY COLOR CODED IN THE COREHOLE, HANDHOLE & CABINETS THRU WHICH THEY ENTER OR PASS AND TAGGED WITH THE CORRECT NOMENCLATURES.



MINIMUM 25 mm (1") HEAT SHRINK TUBING OVERLAP
ON WIRE, PVC & SHIELDED CABLE TO FORM WATER TIGHT SEAL

LOOP SPlicing REQUIREMENTS

REVISED	
BY	DATE
R.L.	6/94
T.C.	10/96

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
EXISTING ROUND INDUCTION LOOP TYPICALS
SCALE: VERT. NONE
DATE: 5-22-94
DRAWN BY: G.M.
CHECKED BY: R.L.

TRAFFIC SYSTEMS CENTER (TY-1TSC-418#2)

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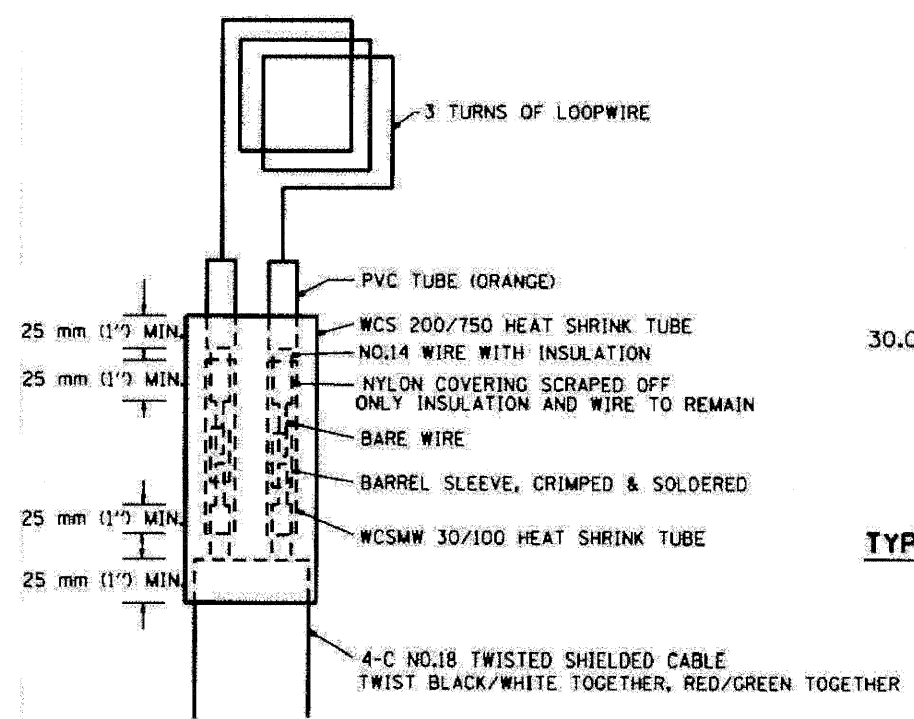
benesch

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SYSTEMS CENTER
DETAIL SHEETS

SCALE: N.T.S.	SHEET NO. 10 OF 14 SHEETS	STA. TO STA.	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				220, 1-1, 2&3RS-7	DUPAGE	546	527
			#290,355	CONTRACT NO. 60G51			
			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

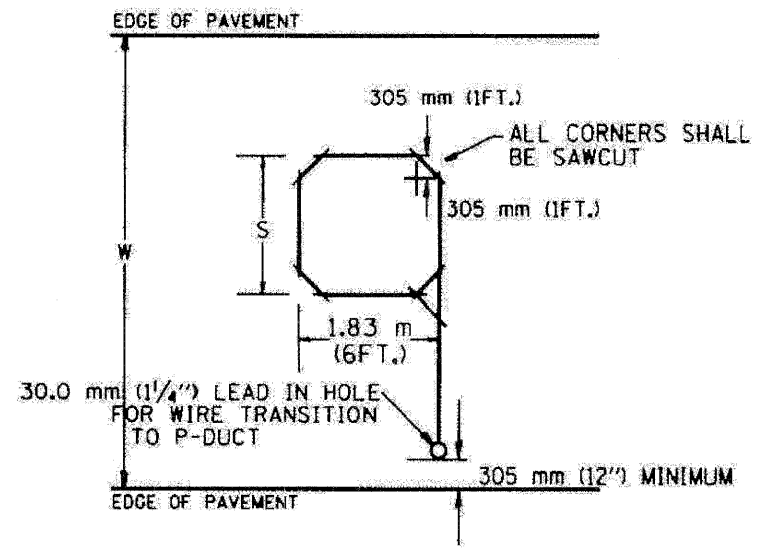
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



MINIMUM 25 mm (1") HEAT SHRINK TUBING OVERLAP ON WIRE, PVC & SHIELDED CABLE TO FORM WATER TIGHT SEAL

LOOP SPLICING REQUIREMENTS

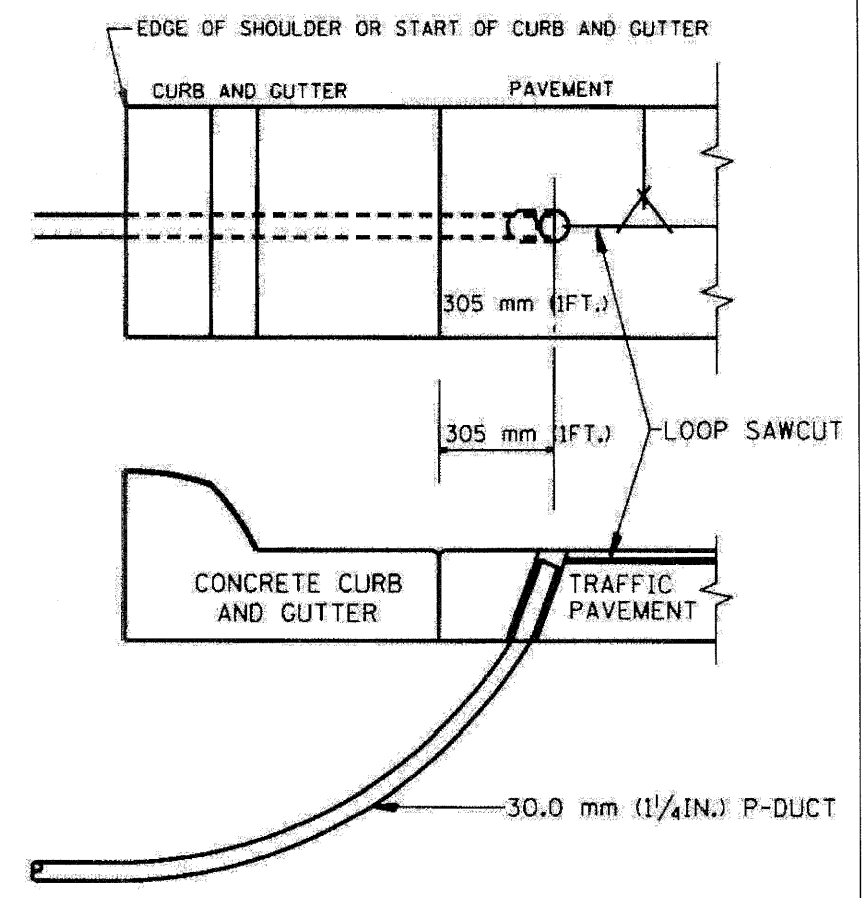
WIDTH (W)	WIDTH (S)
3.7 m (12')	2.5 m (8')
4.0 m (13')	2.8 m (9')
4.3 m (14')	3.1 m (10')
4.6 m (15')	3.4 m (11')
4.9 m (16')	3.7 m (12')
5.2 m (17')	4.0 m (13')
5.5 m (18')	4.3 m (14')
5.8 m (19')	4.6 m (15')
6.1 m (20')	4.9 m (16')
6.4 m (21')	5.2 m (17')
6.7 m (22')	5.5 m (18')
7.0 m (23')	5.8 m (19')
7.3 m (24')	6.1 m (20')
7.6 m (25')	6.4 m (21')



TYPICAL "S" FT. BY 1.83 m (6FT.) INDUCTION LOOP SAWCUT LAYOUT FOR RAMPS

NOTES

1. EACH LOOP SHALL BE SPLICED TO A 4-C NO.18 TWISTED SHIELDED LEAD IN WHEN 45 m (150FT.) OR MORE FROM CABINET.
2. LOOPS SHALL BE SPLICED IN HANDHOLES ONLY, OTHERWISE WRITTEN PERMISSION SHALL BE OBTAINED FROM TSC ENGINEER.
3. LOOPS SHALL NOT BE SPLICED IN SERIES.
4. EACH LOOP LEAD IN SHALL BE IDENTIFIED AND PERMANENTLY COLOR CODED IN THE COREHOLE, HANDHOLE & CABINETS THRU WHICH THEY ENTER OR PASS AND TAGGED WITH THE CORRECT NOMENCLATURES.



CURB AND GUTTER LOOP LEAD-IN TRANSITION DETAIL

REVISIONS	DATE	ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER
REVISIONS	DATE	ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER
R.L.	6/94	RECTANGULAR INDUCTION LOOP TYPICAL
T.C.	11/95	
R.L.	05/96	
T.C.	10/96	
SCALE: VERT. NONE	DATE 6-22-94	DRAWN BY: C.J.L.
		CHECKED BY: R.L.

TRAFFIC SYSTEMS CENTER (TY-1TSC-418#3)

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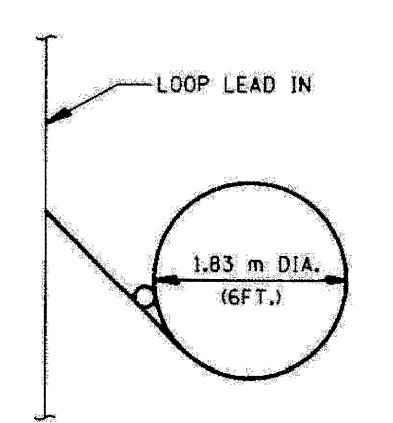
benesch

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

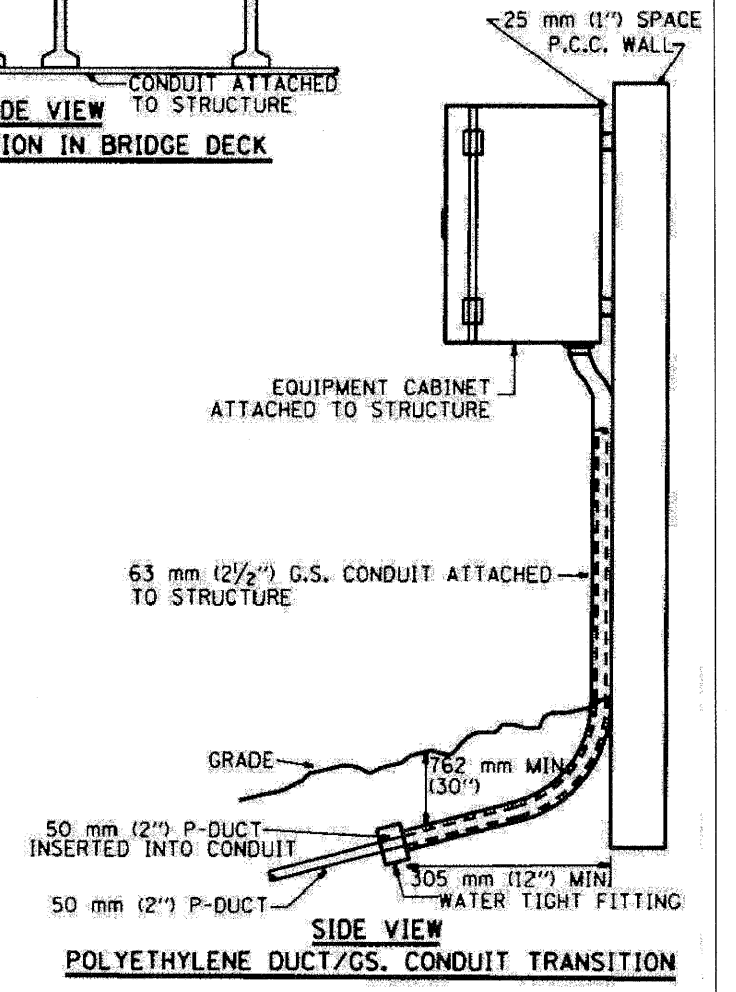
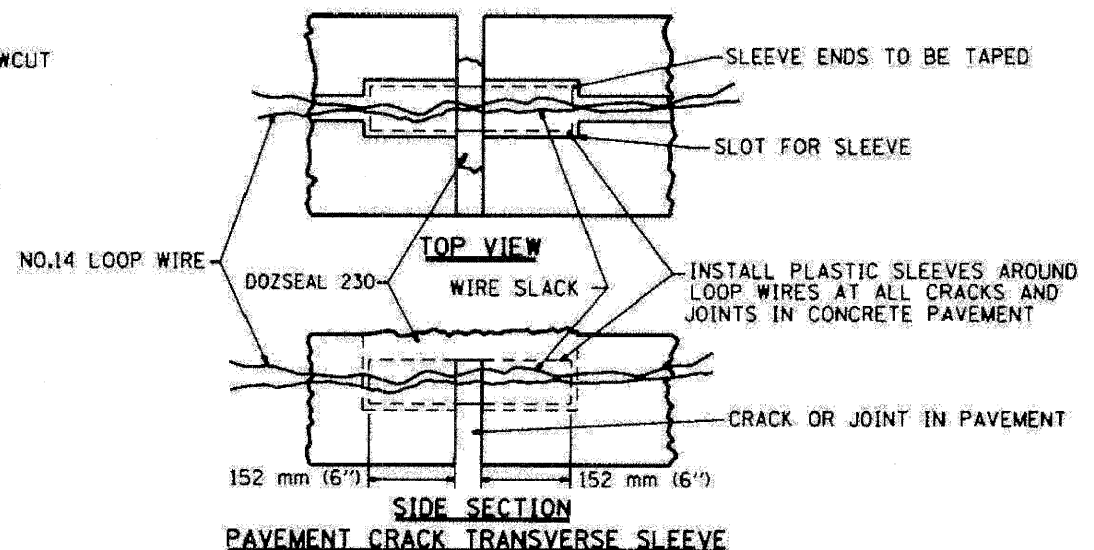
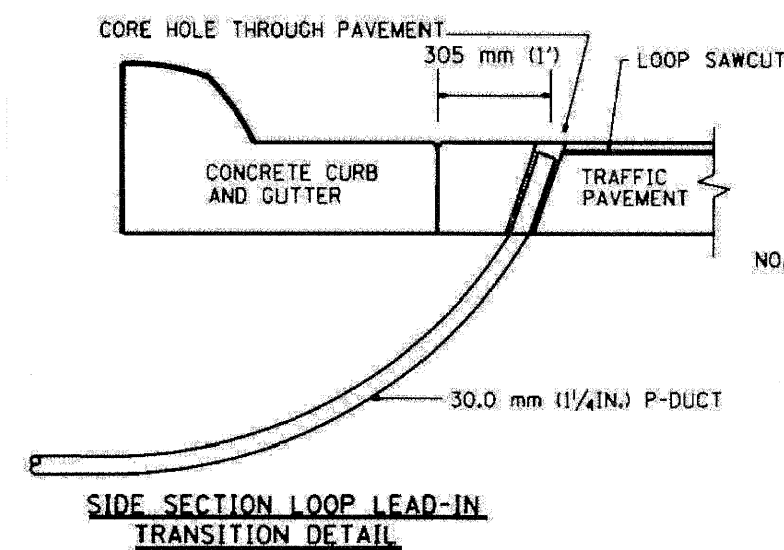
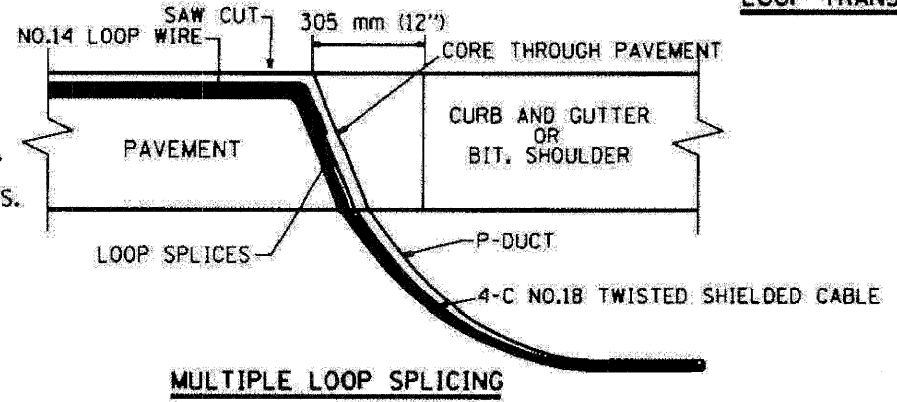
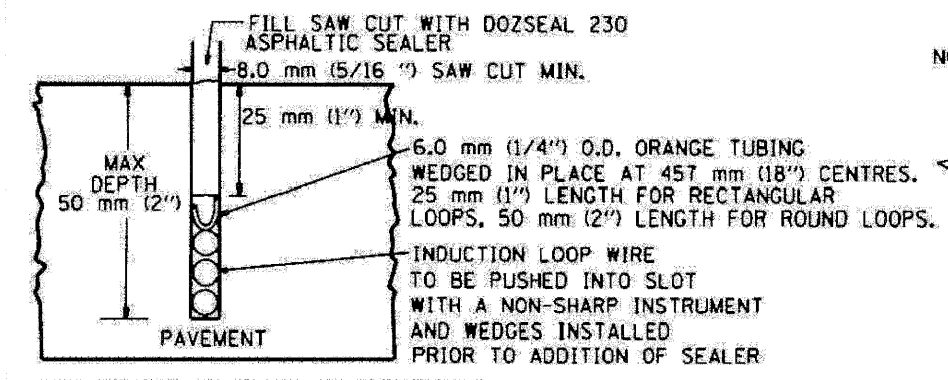
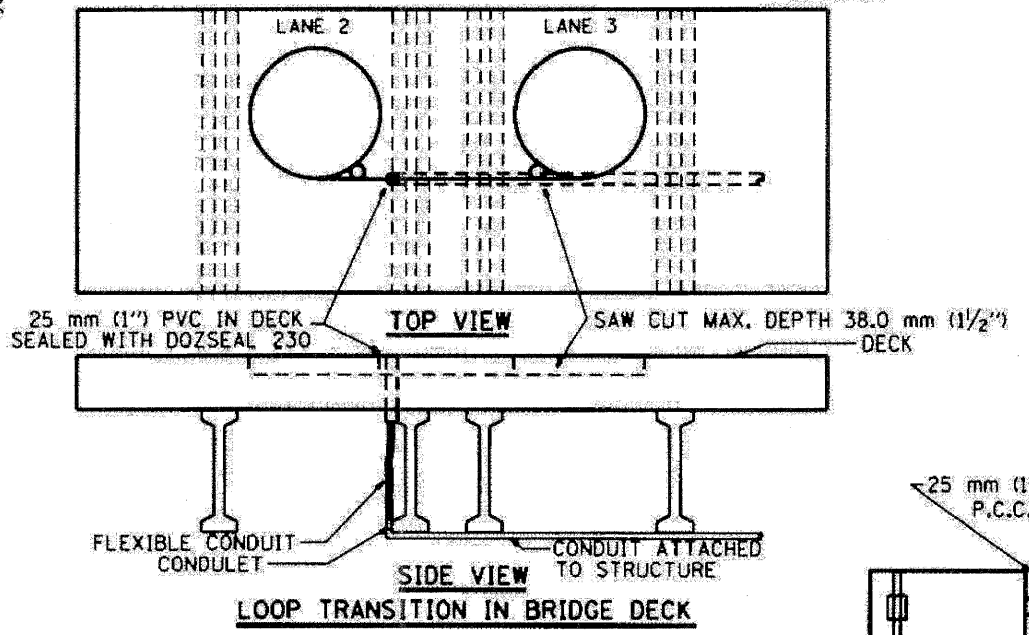
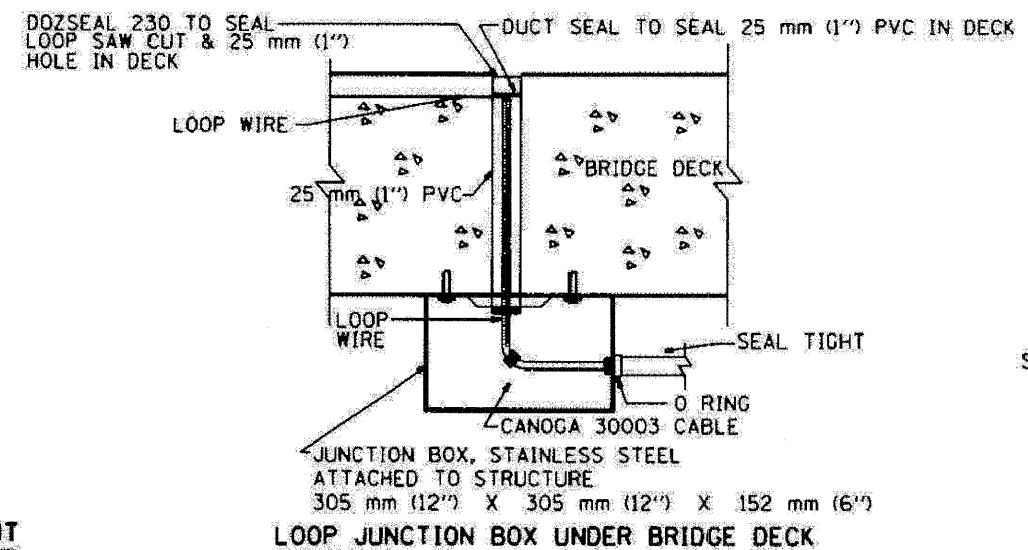
TRAFFIC SYSTEMS CENTER		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DETAIL SHEETS		220, 1-1, 2&3RS-7	DUPAGE	546	528	
SCALE: N.T.S.	SHEET NO. 11 OF 14 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
220, 1-1, 2&3RS-7	DUPAGE	546	528	
*290,355	CONTRACT NO. 60G51			

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		



TYPICAL LOOP SAWCUT LAYOUT



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER
NO.	DATE	
1.	5/09	LOOP, CONDUIT & DUCT INSTALLATION DETAILS SCALE: VERT. NONE DATE 5-22-09 DRAWN BY: DAL CHECKED BY: RL
2.	5/09	
3.	11/09	
4.	08/09	
5.	10/09	

TRAFFIC SYSTEMS CENTER (TY-1TSC-418*4)

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	DATE - 10/16/09	REVISED -

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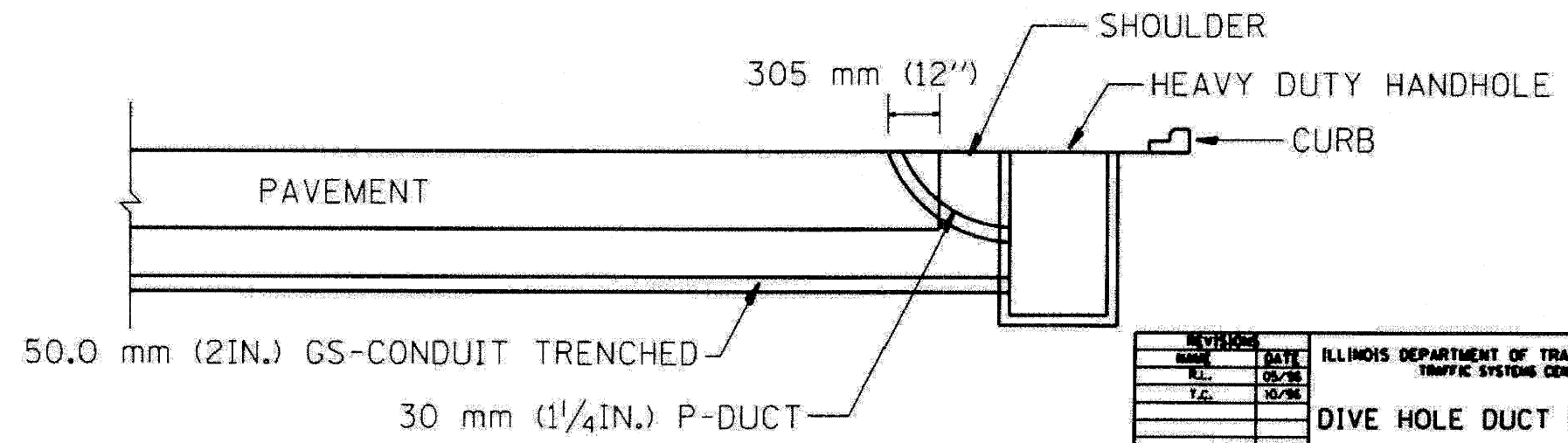
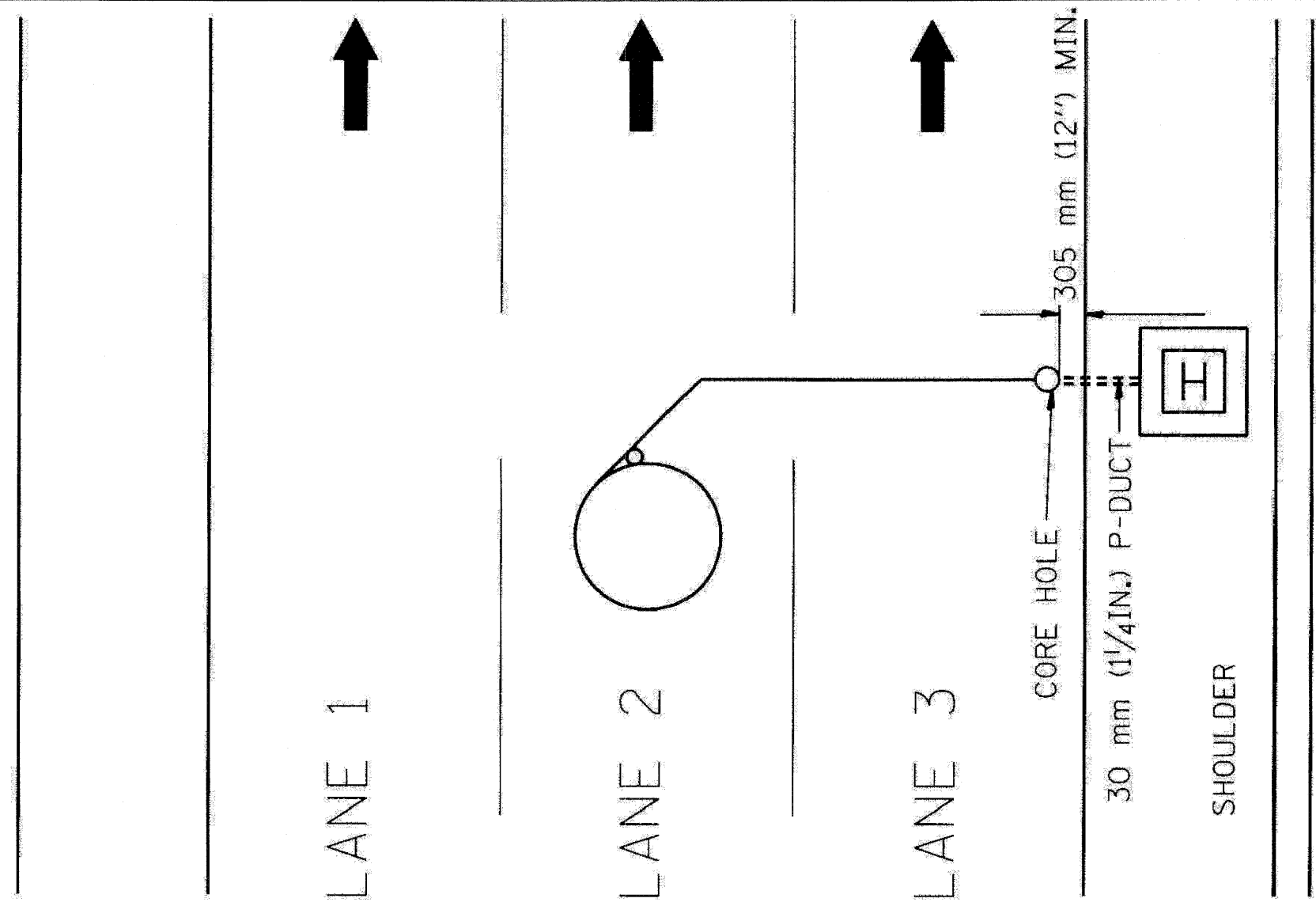
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SYSTEMS CENTER
DETAIL SHEETS

SCALE: N.T.S. SHEET NO. 12 OF 14 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
2201, 1-1, 2&3RS-7	DUPAGE		546 529
*290,355	CONTRACT NO. 60G51		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REVISIONS	
NO.	DATE
1.	05/08
2.	10/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER

DIVE HOLE DUCT SYSTEM

SCALE: NOT SHOWN
DATE 11/7/09

DRAWN BY: G.A.
CHECKED BY: R.L.

TRAFFIC SYSTEMS CENTER (TY-1TSC-418#8)

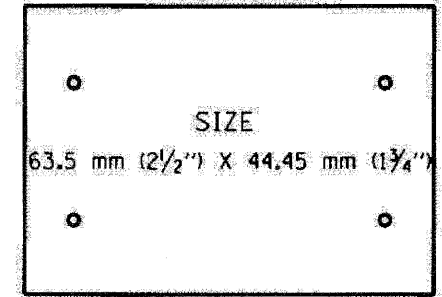
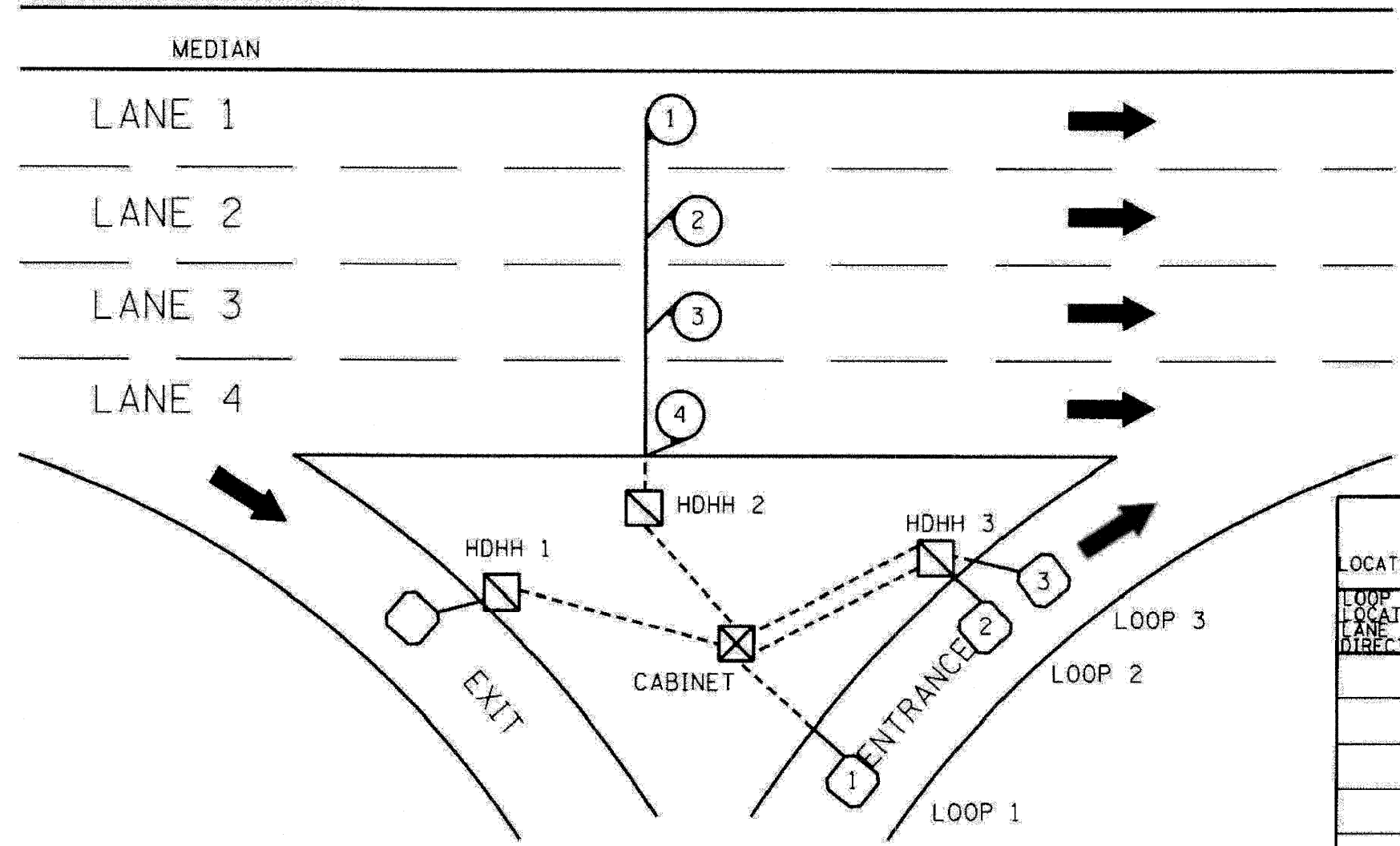
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PLOT DATE = 11/13/2009	DATE - 10/16/09	REVISED -

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SYSTEMS CENTER DETAIL SHEETS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: N.T.S.		220	1-1, 2&3IRS-7	DUPAGE	546	530
SHEET NO. 13 OF 14 SHEETS		STA.	TO STA.		CONTRACT NO. 60G51	
		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT _____		



SUGGESTED TAG
PANDUIT
*MP250W175-C
OR EQUIVALENT

LOOP ANALYZER					
LOCATION _____				DATE _____	
LOOP LOCATION LANE DIRECTION	LOOP WIRE MARKED AND CODED	LOOP SIZE	FREQ. INDUCTANCE	INSULATION	LOOP RESISTANCE

HDHH 1 EXAMPLE
IB-EB EXIT
CCW IN/
TO CABINET # _____

HDHH 2 EXAMPLE
IB (OB) LANE # _____
CCW /OUT
TO CABINET # _____

HDHH 3 EXAMPLE
IB-EB ENT.
LOOP #2
CW IN/

NOTE:
EACH LOOP WIRE SHALL BE TAGGED AS "IN" OR "OUT" AND "CW" OR "CCW". SHIELDED CABLE WILL BE TAGGED IN EACH HANDHOLE AND CABINET TO MATCH THE CABLE LOG.

REVISIONS	
NO.	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
LOOP STATUS REPORT
SCALE: VERT. NONE
DATE 6-27-94
DRAWN BY G.W.
CHECKED BY R.L.

FILE NAME =	DESIGNED - GHT	REVISED -
...NorpIn_ABC.Cl.TS_DET_14.dgn	DRAWN - TMB	REVISED -
USER NAME = tblank	CHECKED - MPM	REVISED -
PLOT DATE = 11/13/2009	DATE - 10/16/09	REVISED -

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

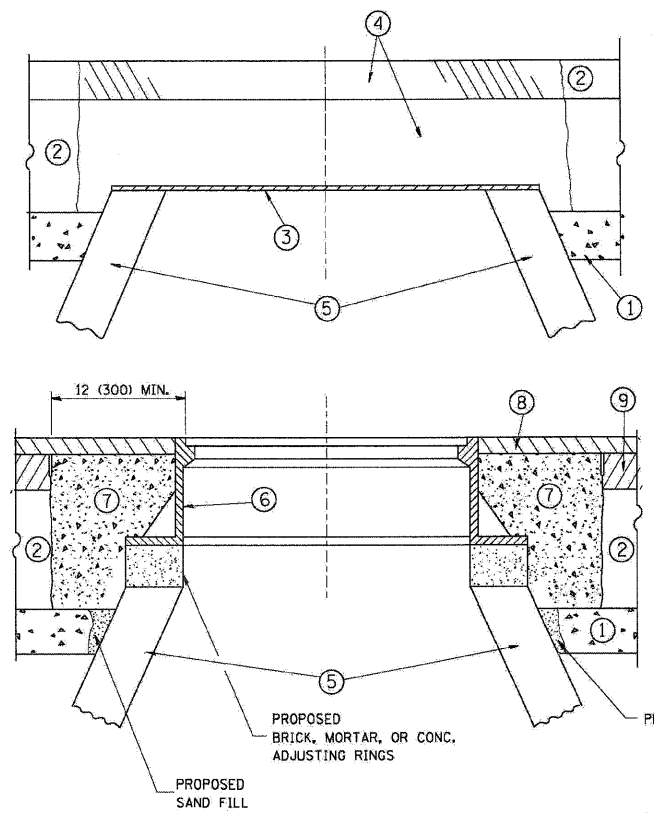
TRAFFIC SYSTEMS CENTER (TY-1TSC-418*7)

TRAFFIC SYSTEMS CENTER
DETAIL SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT _____		

SCALE: N.T.S. SHEET NO. 14 OF 14 SHEETS STA. _____ TO STA. _____

DUPAGE 546 531
CONTRACT NO. 60G51



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 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 S1 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 S1 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

BD-08

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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...vbrpin_abc.ctb.D1.BD-8.dgn	DRAWN - TMB	REVISED -
USER NAME = tblenk	CHECKED - JMM	REVISED -
PLOT DATE = 11/13/2009	DATE - 10/16/09	REVISED -

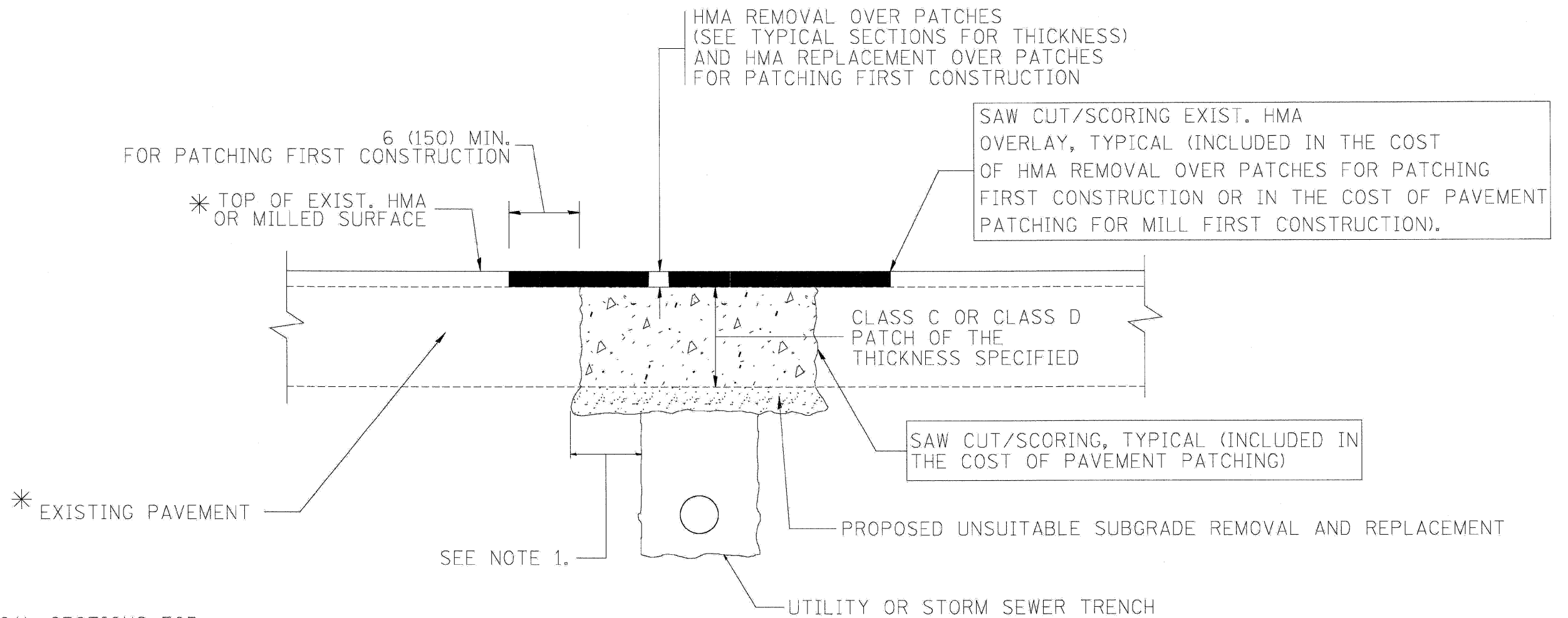
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FRAMES AND LIDS ADJUSTMENT WITH MILLING

SCALE: N.T.S. SHEET NO. 1 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	220, 1-1, 2&3RS-7	DUPAGE	546	532
+290,355			CONTRACT NO. 60G51	
FED. ROAD DIST. NO.		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)

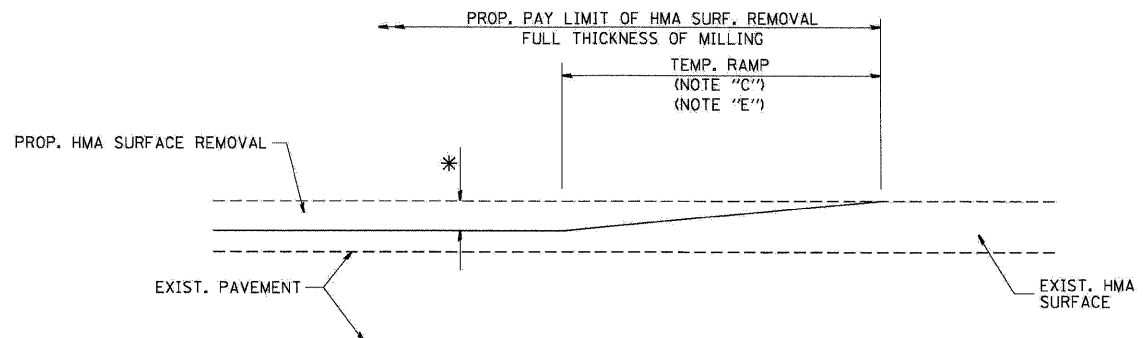
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

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.

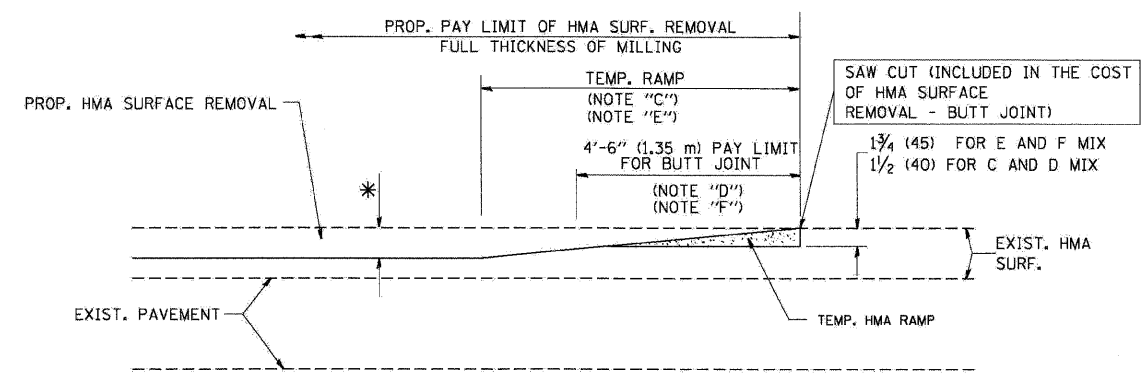
BD-22
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	DESIGNED - AJP	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\nripin\abc\01.01.bd-22.dgn	DRAWN - TMB	REVISED -				220, 1-1, 2&3RS-7	DUPAGE	546	533	
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PILOT DATE = 11/13/2009	DATE - 10/16/09	REVISED -				SCALE: N.T.S.	SHEET NO. 2 OF 15 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

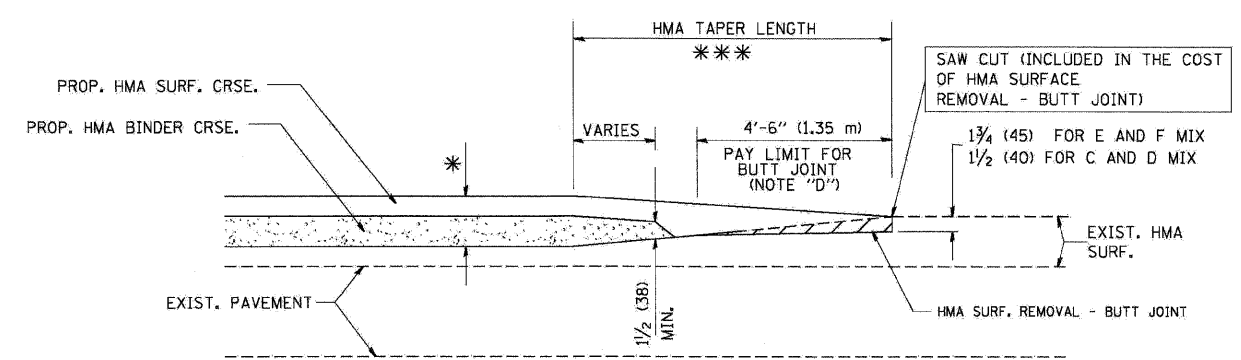
OPTION 1



HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

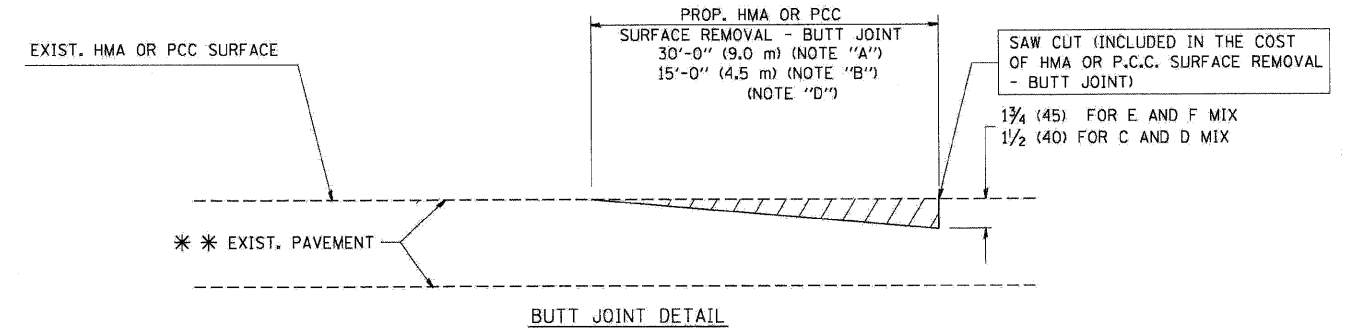
OPTION 2

TYPICAL TEMPORARY RAMP

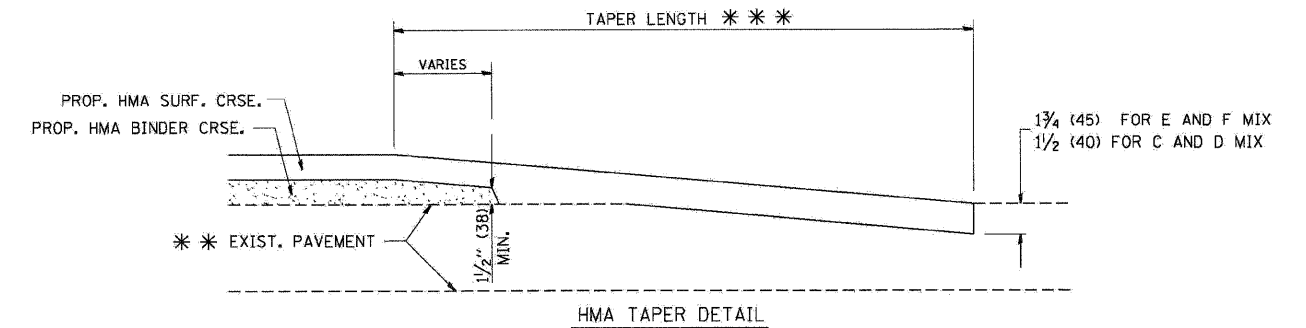


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER
FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER
FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: MINOR SIDE ROADS.
 - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
 - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
 - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
 - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

BD-32
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

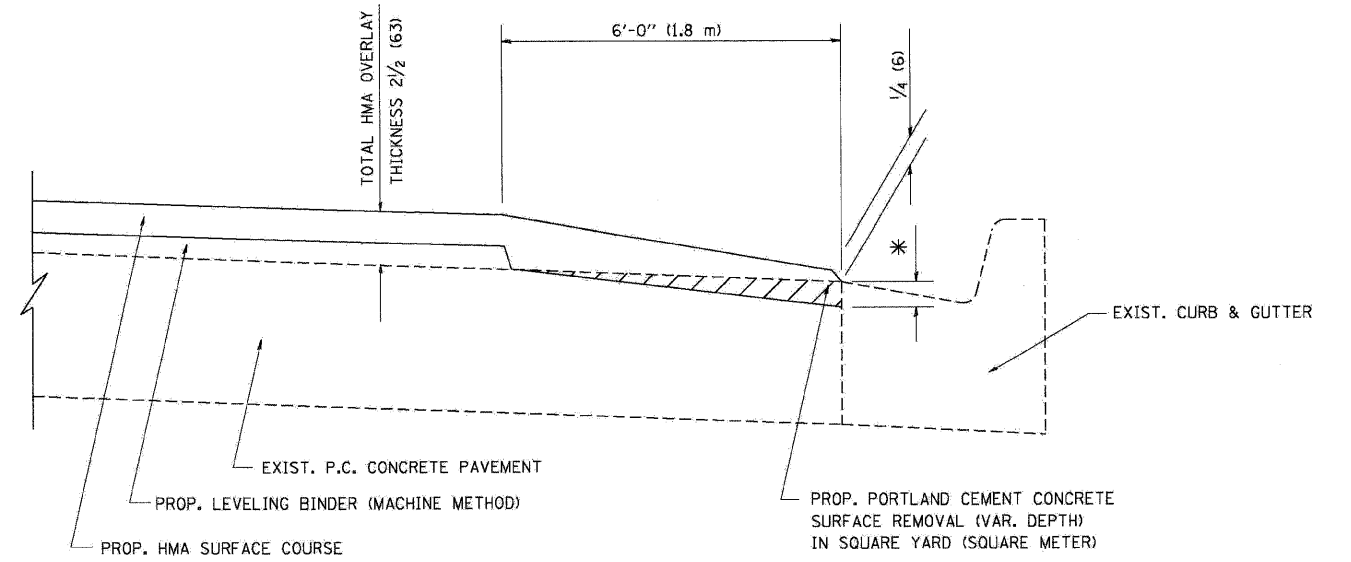
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PLT DATE = 11/13/2009	DATE - 10/16/09	REVISED -

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS AND HMA TAPER		
SCALE: N.T.S.	SHEET NO. 3 OF 15 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	220, 1-1, 2&3RS-7	DUPAGE	546	534
•290,355	CONTRACT NO. 60G51			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



HMA TAPER AT
EDGE OF P.C.C PAVEMENT

HMA SURFACE		LEVELING BINDER	
MIX	THICKNESS	THICKNESS	* MILLING AT GUTTER FLAG
C OR D	1/2 (38)	1 (25)	1/4 (33)
F	1 3/4 (44)	3/4 (19)	1/2 (38)

BD-33
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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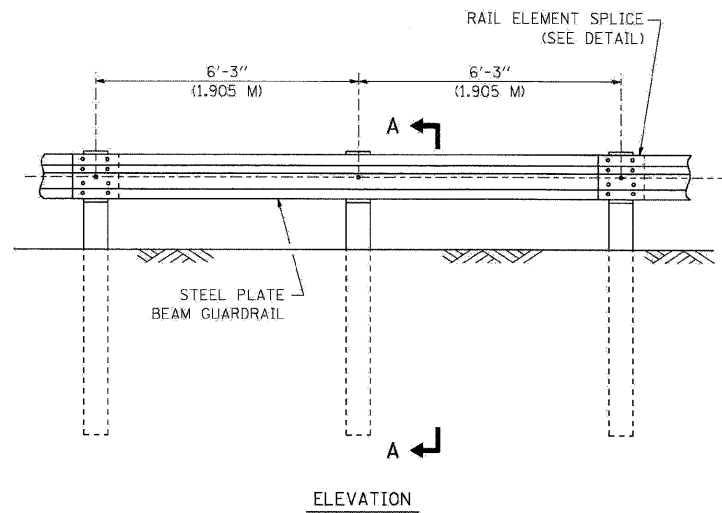
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HMA TAPER AT EDGE OF PCC PAVEMENT

SCALE: N.T.S. SHEET NO. 4 OF 15 SHEETS STA. TO STA.

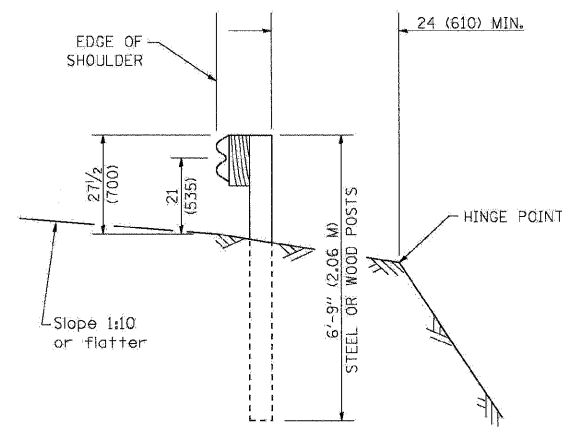
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	22(1, 1-1, 2&3)RS-7	DUPAGE	546	535
*290,355	CONTRACT NO. 60G51			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



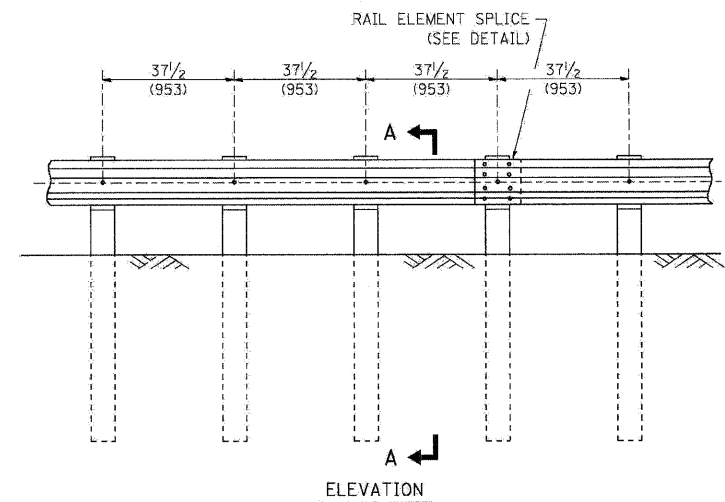
ELEVATION

TYPE A

6'-3" (1.905 M) TYPICAL POST SPACING



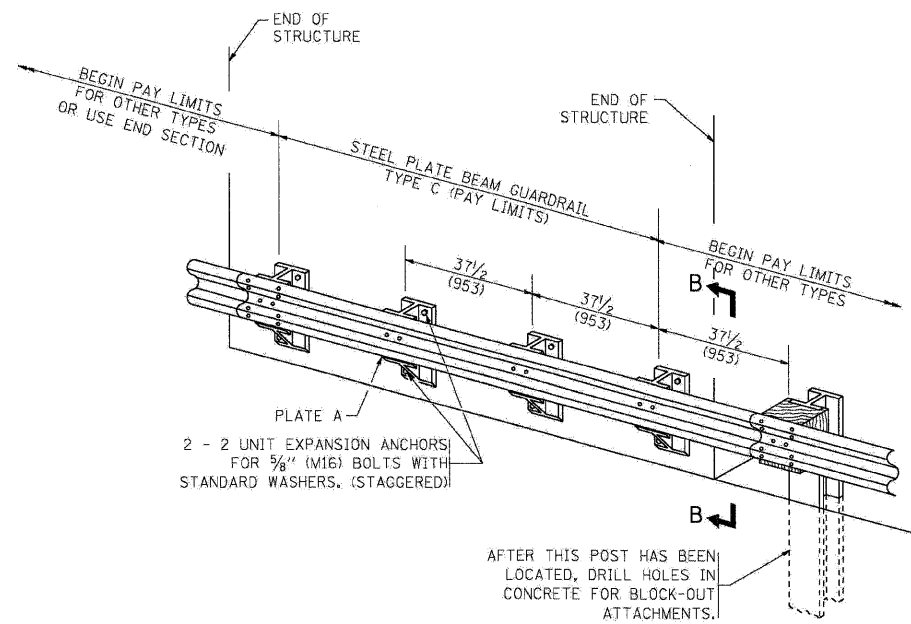
SECTION A-A



ELEVATION

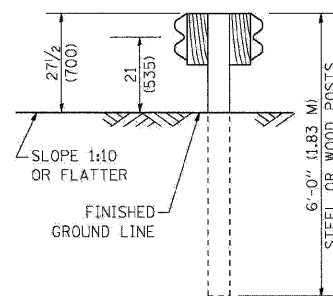
TYPE A

37 1/2 (953) CLOSED POST SPACING

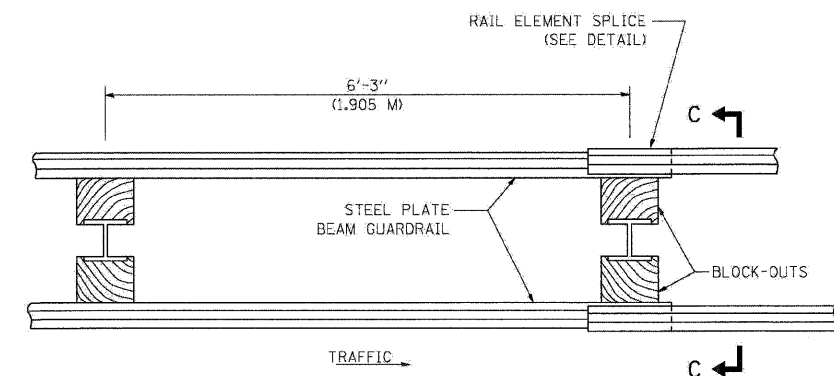


TYPE C

37 1/2 (953) BLOCK-OUT SPACING



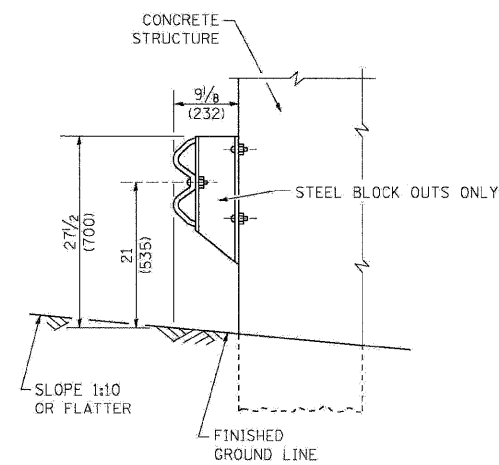
SECTION C-C



PLAN

TYPE D

DOUBLE STEEL PLATE BEAM GUARDRAIL
6'-3" (1.905 M) TYPICAL POST SPACING



SECTION B-B

GENERAL NOTES

ALL SLOPE RATIOS ARE EXPRESSED AS UNITS OF VERTICAL DISPLACEMENT TO UNITS OF HORIZONTAL DISPLACEMENT (V:H).

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

THE EXISTING STEEL POSTS MAY BE DRILLED TO MATCH THE BOLT PATTERN SHOWN HEREIN FOR THE WOOD BLOCK-OUT, OR A NEW STEEL POST SHALL BE PROVIDED.

THIS DETAIL IS APPLICABLE TO THE GUARDRAIL SYSTEM USED PRIOR TO JANUARY 1, 2007. FOR DETAILS ON THE MIDWEST GUARDRAIL SYSTEM, SEE STANDARD 630001.

BM-21

FILE NAME =	DESIGNED - AJP	REVISED -
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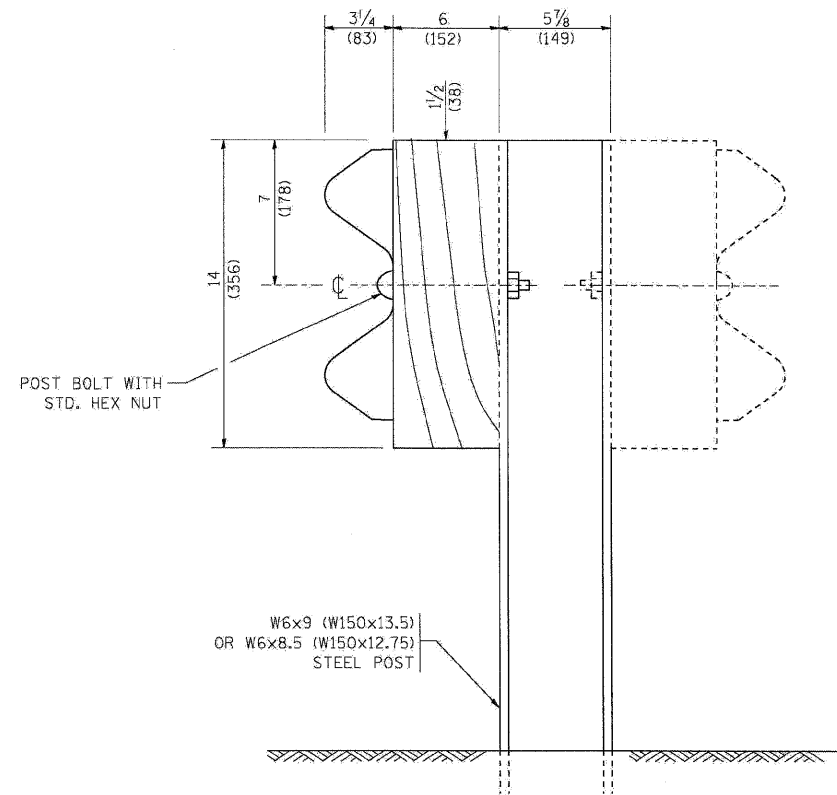
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

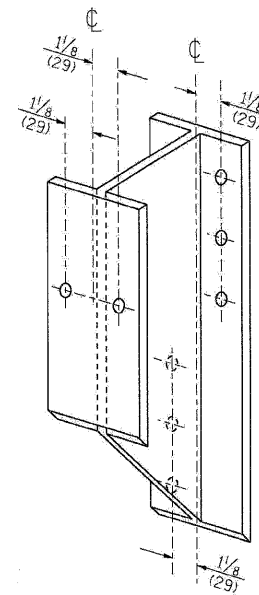
REMOVE AND REERECT GUARDRAIL

SCALE: N.T.S. SHEET NO. 5 OF 15 SHEETS STA. TO STA.

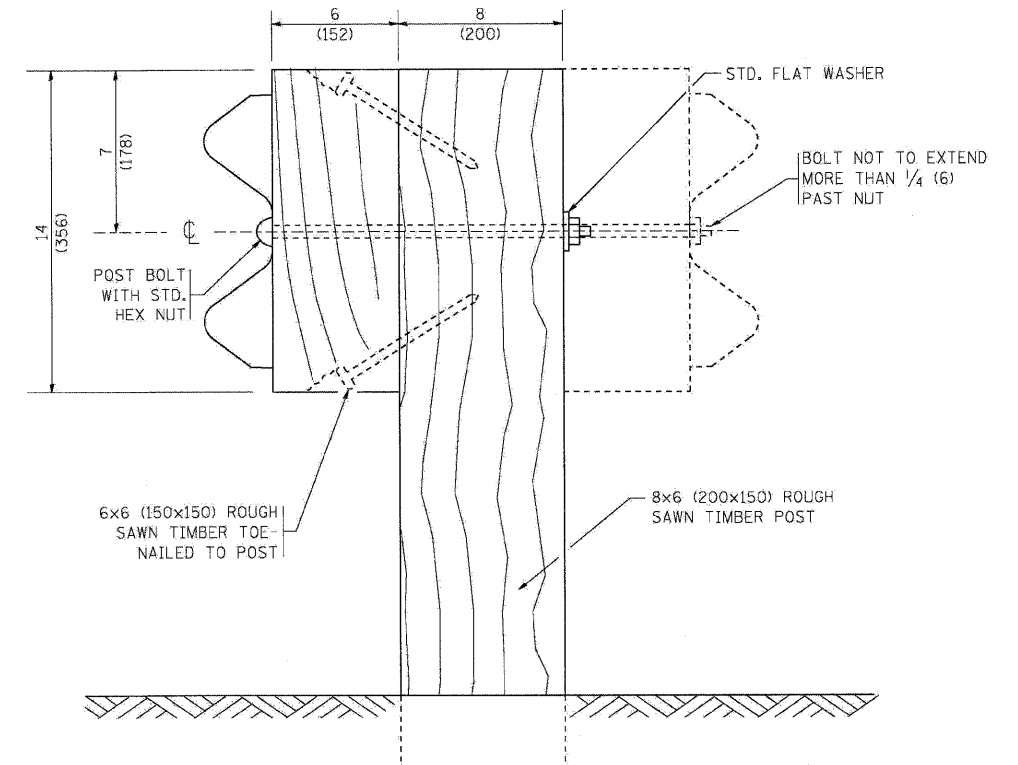
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	220, 1-1, 2&3RS-7		546	536
•290,355			CONTRACT NO. 60G51	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



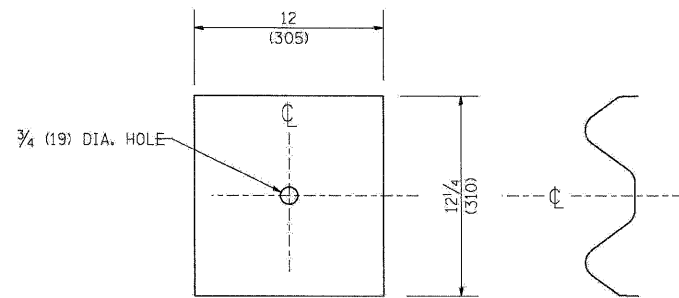
STEEL POST CONSTRUCTION



STEEL BLOCK-OUT DETAIL



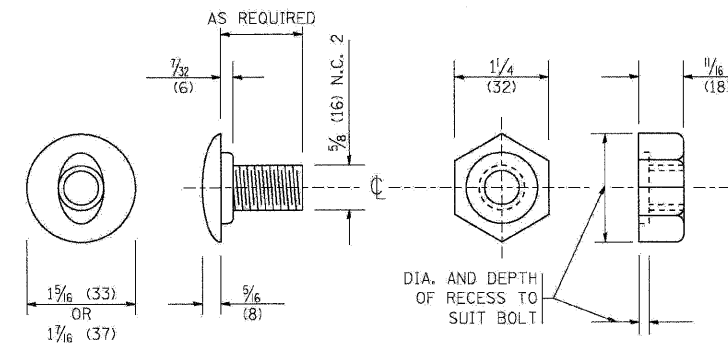
WOOD POST CONSTRUCTION



NOTE:

PLATE A SHALL BE PLACED BETWEEN RAIL ELEMENT AND BLOCK-OUT AT NON-SPLICE MOUNTING POINTS ONLY WHEN STEEL BLOCK-OUTS ARE USED.

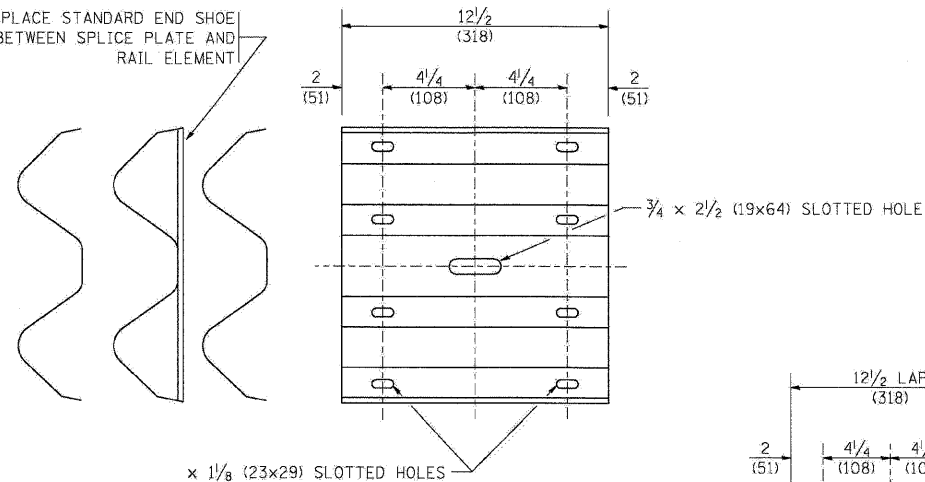
PLATE A



POST OR SPLICE BOLT & NUT

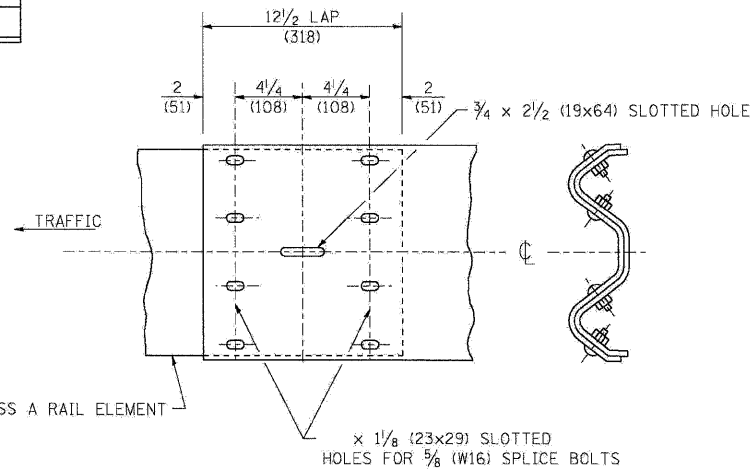
FILE NAME =	DESIGNED - AJP	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVE AND REERECT GUARDRAIL			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
...NppIn.ABC.C1.D1.BM-21B.dgn	DRAWN - TMB	REVISED -						220, 1-1, 2&3RS-7	DUPAGE	546	537		
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PLOT DATE = 11/13/2009	DATE - 10/16/09	REVISED -											

PLACE STANDARD END SHOE BETWEEN SPLICE PLATE AND RAIL ELEMENT



x 1 1/8 (23x29) SLOTTED HOLES

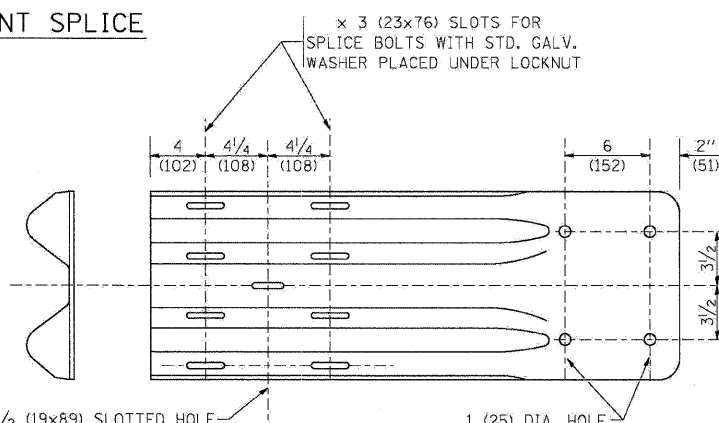
SPLICE PLATE



CLASS A RAIL ELEMENT

x 1 1/8 (23x29) SLOTTED HOLES FOR 5/8 (16) SPLICE BOLTS

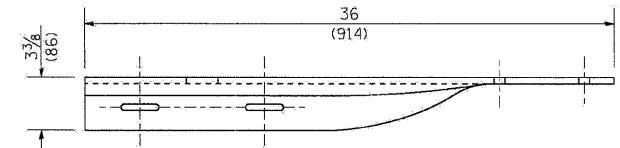
RAIL ELEMENT SPLICE



x 3 (23x76) SLOTS FOR SPLICE BOLTS WITH STD. GALV. WASHER PLACED UNDER LOCKNUT

3/4 x 3/2 (19x89) SLOTTED HOLE

1 (25) DIA. HOLE



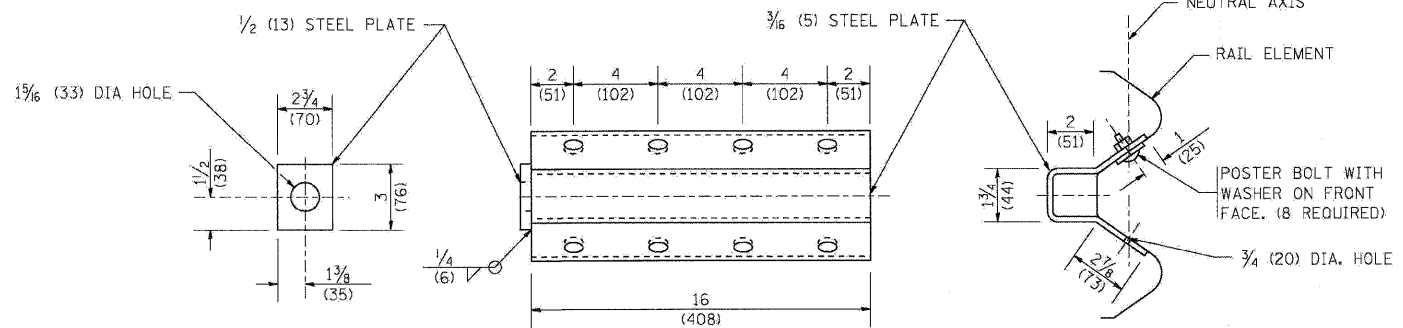
END SHOE

NOTE:

WHEN END SHOE IS ATTACHED TO A BRIDGE PARAPET WHICH HAS AN EXPANSION JOINT, THE BOLTS SHALL BE PROVIDED WITH A LOCKNUT OR DOUBLE NUT AND SHALL BE TIGHTENED ONLY TO A POINT THAT WILL ALLOW GUARDRAIL MOVEMENT.

THE STANDARD END SHOE SHALL BE ATTACHED TO THE CONCRETE WITH PRE-DRILLED OR SELF-DRILLING ANCHOR BOLTS. THE ANCHOR CONE SHALL BE SET FLUSH WITH THE SURFACE OF THE CONCRETE.

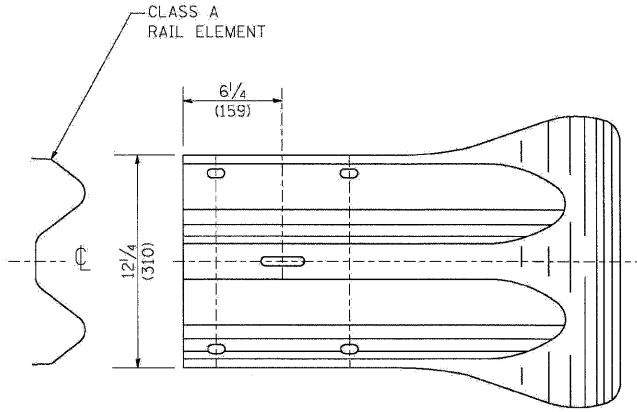
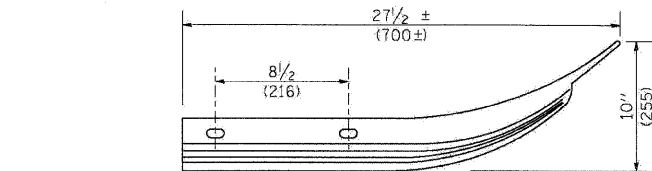
EXTERNALLY THREADED STUDS PROTRUDING FROM THE SURFACE OF THE CONCRETE WILL NOT BE PERMITTED.



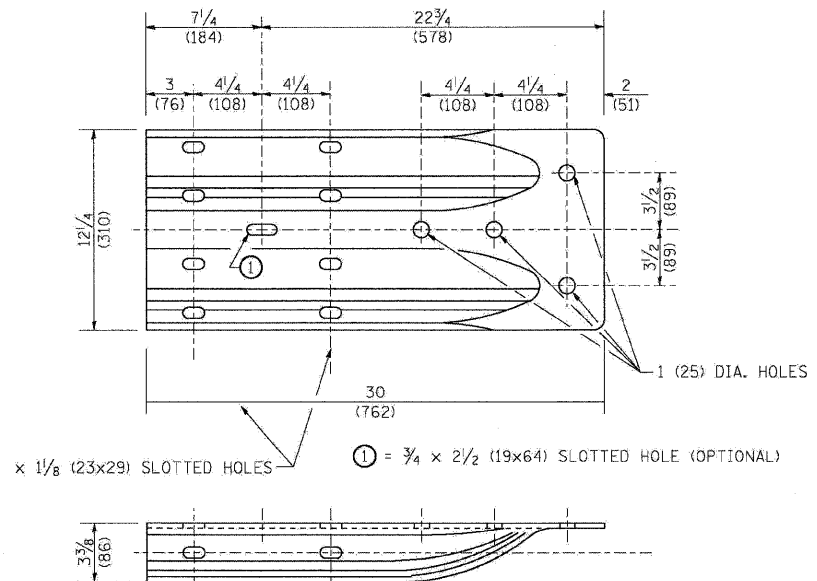
NOTE:

ANCHOR PLATE T SHALL BE USED TO ATTACH CABLE ASSEMBLY TO GUARDRAIL WHEN REQUIRED ON TRAFFIC BARRIER TERMINALS.

ANCHORE PLATE T DETAILS



END SECTION



x 1 1/8 (23x29) SLOTTED HOLES

⊙ = 3/4 x 2 1/2 (19x64) SLOTTED HOLE (OPTIONAL)

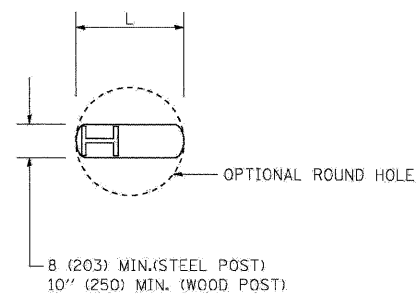
ALTERNATE END SHOE

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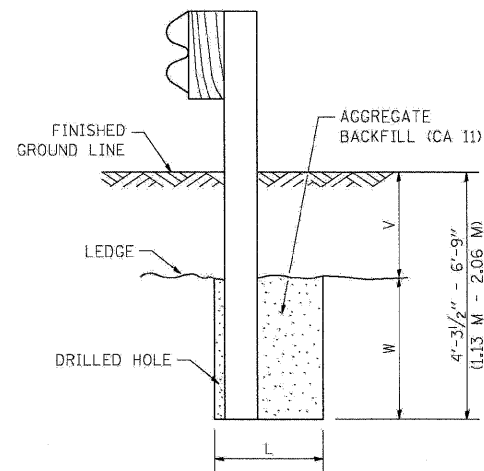
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVE AND REERECT GUARDRAIL		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: N.T.S.	SHEET NO. 7 OF 15 SHEETS	STA.	TO STA.	221, 1-1, 2&3RS-7	DUPAGE	546 538
				*290,355	CONTRACT NO. 60G51	
				FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	



PLAN

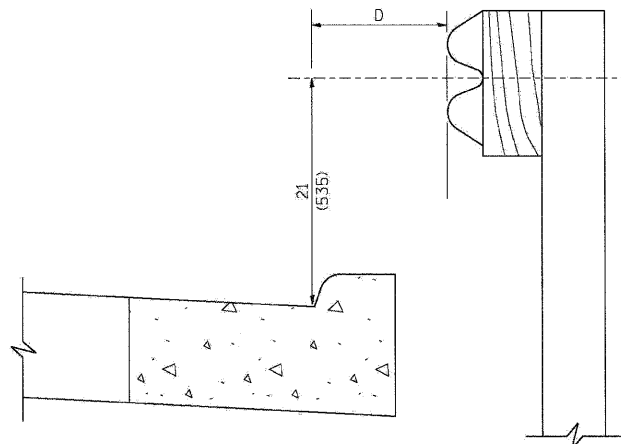


NOTE:

LEDGE LINE IS TOP OF ROCK LEDGE OR HARD SLAG FILL.

ELEVATION

FOOTING FOR POST WHEN IMPERVIOUS MATERIAL IS ENCOUNTERED

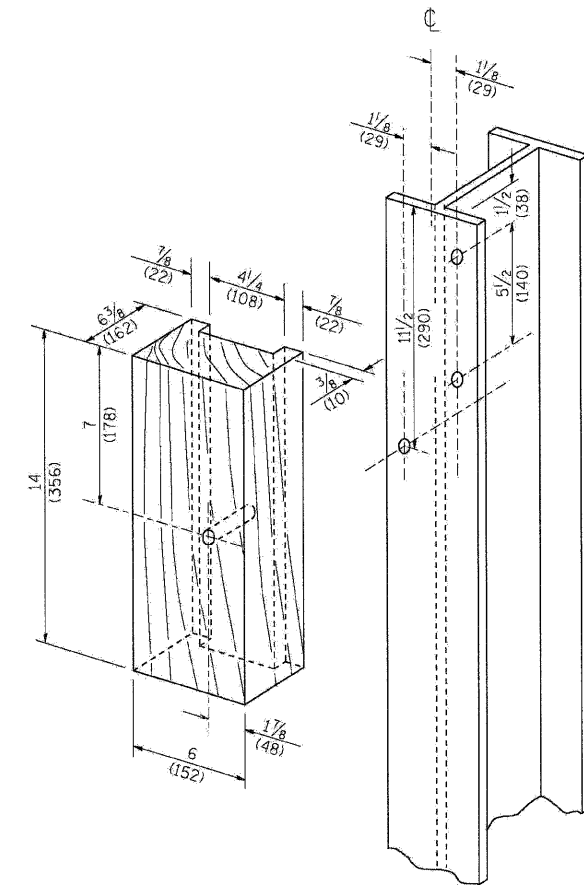


NOTE:

IF IT IS NECESSARY FOR D TO BE MORE THAN 12 (300) AND LESS THAN 10'-0" (3.0 M) TYPE M-2 (M-5) CURB AND GUTTER (STD. 60600) SHALL BE USED IN FRONT OF AND IN ADVANCE OF THE GUARDRAIL.

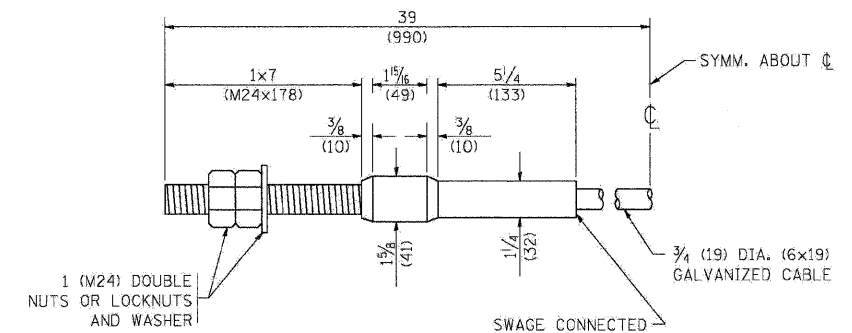
GUARDRAIL PLACED BEHIND CURB

(D = 0 DESIRABLE TO 12 (300) MAXIMUM)



WOOD BLOCK-OUT AND STEEL POST DETAILS

V	W	L	
		STEEL POST	WOOD POST
0 - 18 (0 - 460)	24 (610)	21 (530)	23 (580)
>18 - 41.5 (> 460 - 825)	12 (305)	8 (203)	10 (250)
>41.5 - 53.5 (> 825 - 1.13 M)	12 - 0 (350 - 0)	8 (203)	10 (250)



CABLE ASSEMBLY

(40,000 LBS (18,100 KG) MIN. BREAKING STRENGTH)
TIGHTEN TO TAUT TENSION

FILE NAME =	DESIGNED - AJP	REVISED -
...\\pp\In_ABC.C1.D1.BM-210.dgn	DRAWN - TMB	REVISED -
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PLOT DATE = 11/13/2009	DATE - 10/16/09	REVISED -

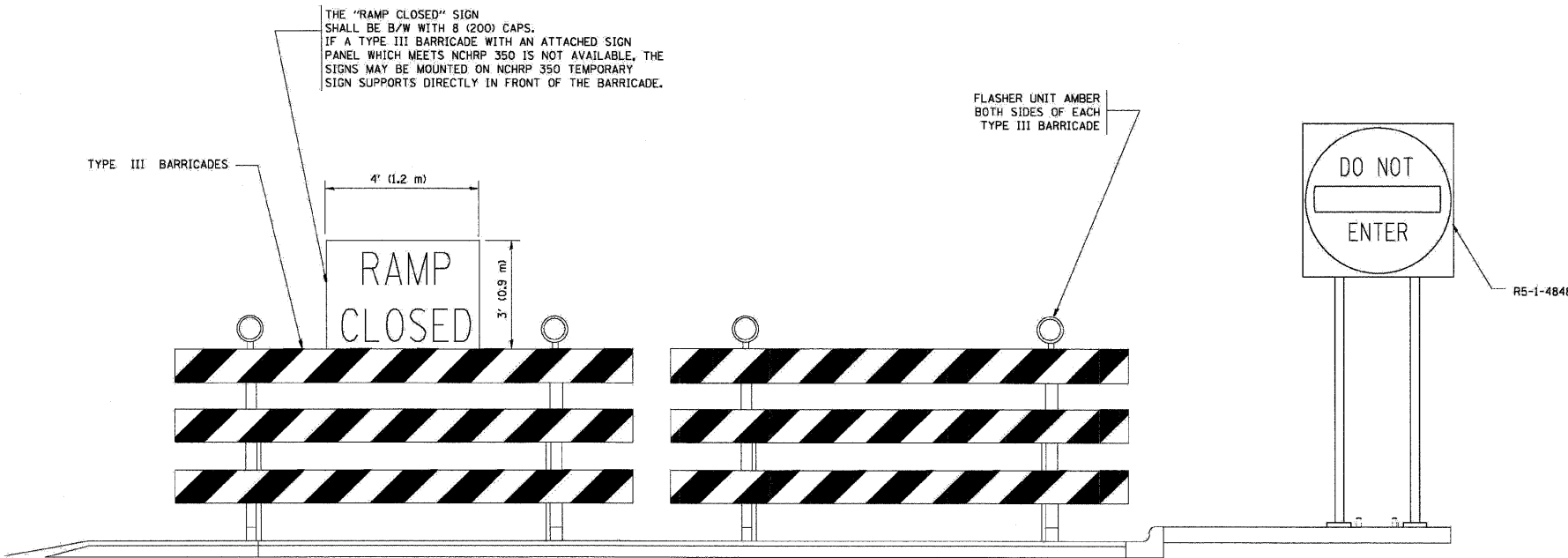
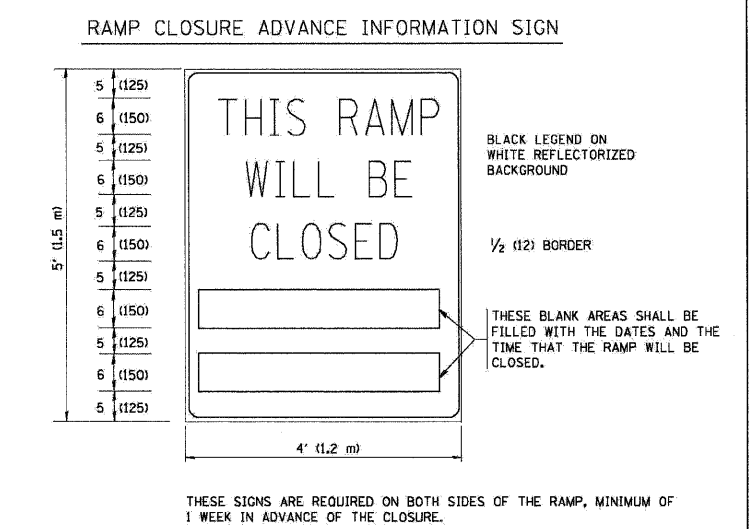
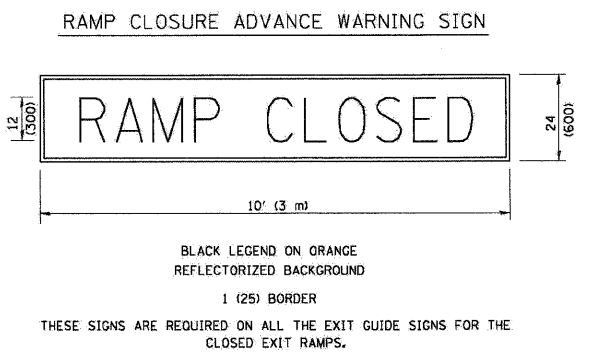
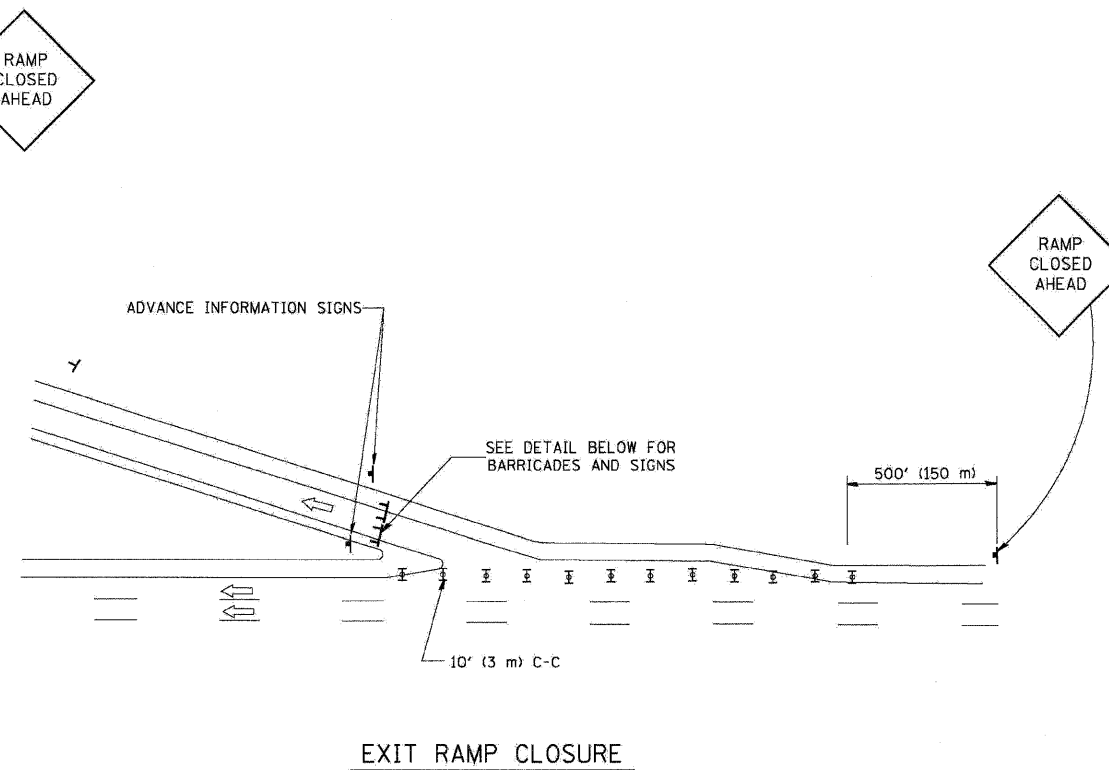
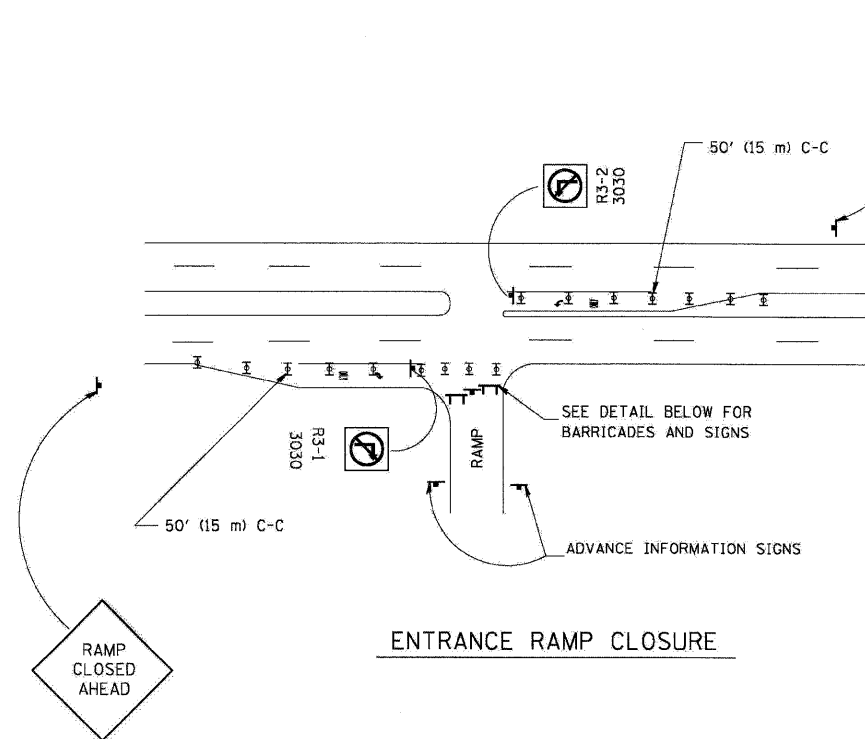
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVE AND REERECT GUARDRAIL

SCALE: N.T.S. SHEET NO. 8 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	22G, 1-1, 2&3RS-7	DUPAGE	546	539
•290,355		CONTRACT NO. 60G51		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



THE "RAMP CLOSED" SIGN SHALL BE B/W WITH 8 (200) CAPS. IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON NCHRP 350 TEMPORARY SIGN SUPPORTS DIRECTLY IN FRONT OF THE BARRICADE.

FLASHER UNIT AMBER BOTH SIDES OF EACH TYPE III BARRICADE

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

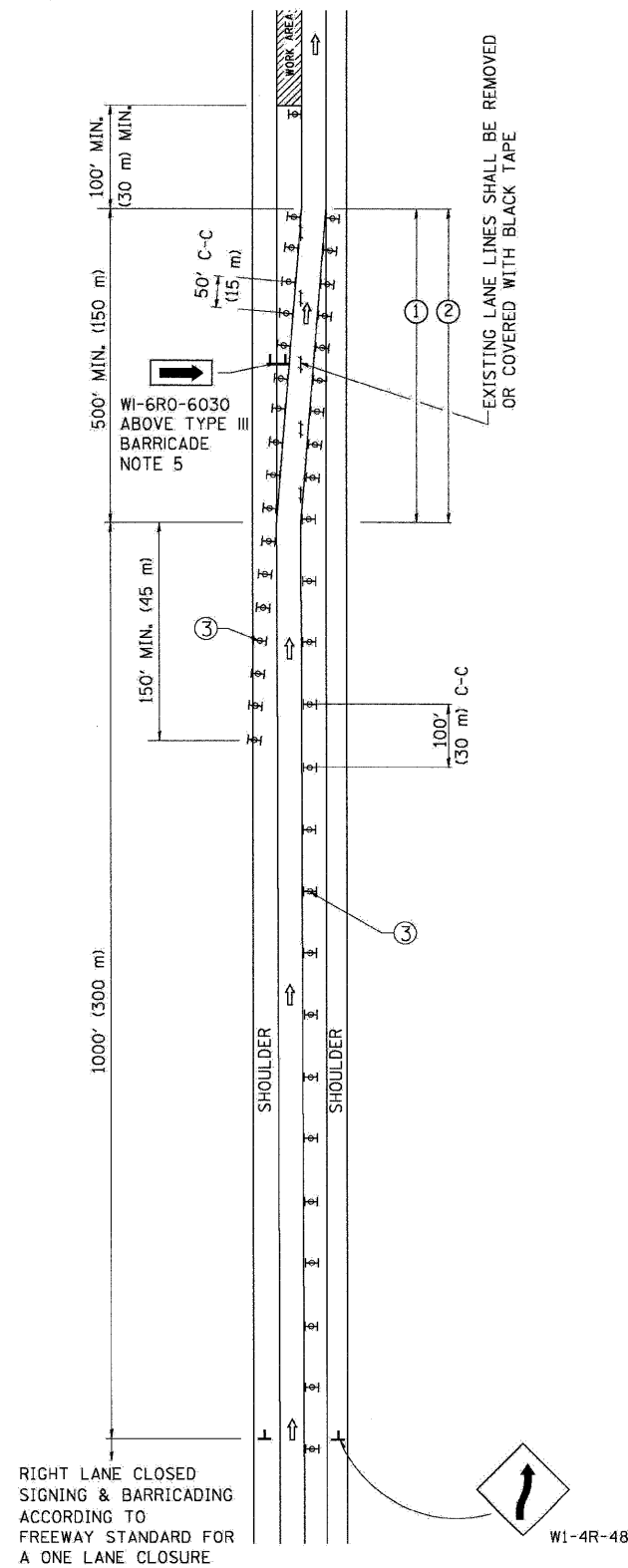
- GENERAL NOTES:**
1. CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (700) HIGH.
 2. STEADY BURN LIGHTS WILL NOT BE REQUIRED FOR DAY OPERATIONS.
 3. A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES.
 4. ALL ROUTE MARKERS AND TRAILBLAZER ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED.
 5. THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
 6. AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL RAMP CLOSURES.
 7. THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED IF THE CLOSURE TIME EXCEEDS TWENTY-FOUR (24) HOURS. ADDITIONAL ADVANCE WARNING SIGNS ON EXIT GUIDE SIGNING WILL BE REQUIRED FOR EXIT RAMP CLOSURES THAT EXCEED TWENTY-FOUR (24) HOURS IN LENGTH.

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

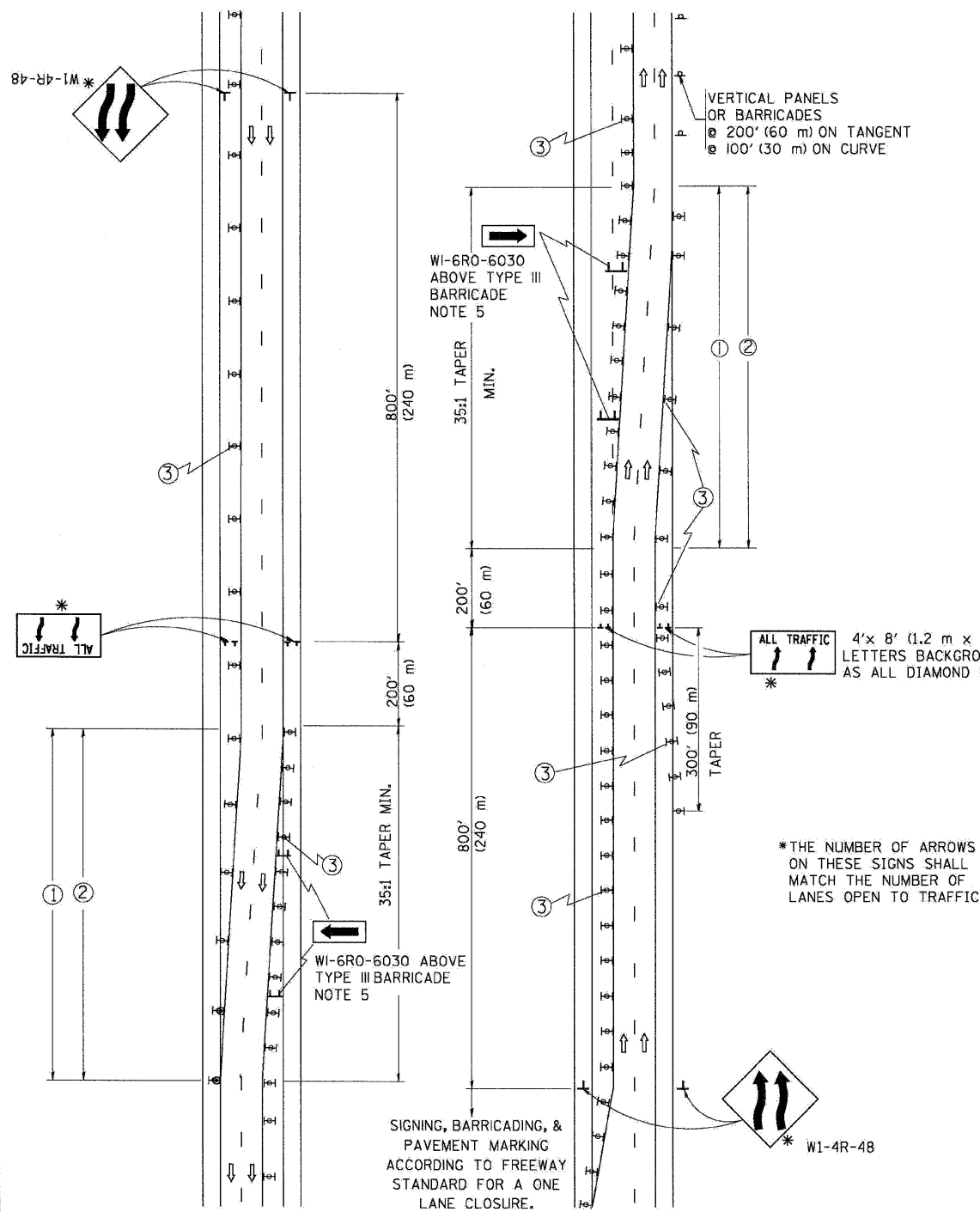
FILE NAME =	DESIGNED - AJP	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ENTRANCE AND EXIT RAMP CLOSURE DETAILS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...Npp1-1-ABC.C1.D1.TC-8.dgn	DRAWN - TMB	REVISED -			* 220, 1-1, 2&3RS-7	DUPAGE	546	540			
USER NAME = tblank	CHECKED - JMM	REVISED -			*290,355	CONTRACT NO. 60G51					
PLOT DATE = 11/13/2009	DATE - 10/16/09	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT					
			SCALE: N.T.S.	SHEET NO. 9 OF 15 SHEETS	STA.	TO STA.					

TC-08

SINGLE LANE WEAVE



MULTI-LANE WEAVE



GENERAL NOTES

- EXISTING CONFLICTING PAVEMENT MARKING LINES SHALL BE REMOVED OR COVERED WITH BLACK TAPE. PAVEMENT MARKING REMOVAL OR BLACK TAPE SHALL NOT BE REQUIRED FOR LANE CLOSURES UNDER 24 HOURS IN DURATION.
- CONTINUOUS REFLECTIVE TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND FOR 300' (90 m) ALONG SIDE THE WORK AREA WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS. THE LEFT EDGE LINE SHALL BE YELLOW AND THE RIGHT EDGE LINE SHALL BE WHITE. FOR MULTI-LANE WEAVE LANE LINES SHALL BE 10'-30' (3 m-9 m) SKIP DASH, WHITE.
- PLASTIC DRUMS WITH STEADY BURN LIGHTS AT 50' (15 m) C-C SPACING IN TAPERS AND 100' (30 m) C-C SPACING IN TANGENTS.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON NCHRP 350 TEMPORARY SIGN SUPPORTS DIRECTLY IN FRONT OF THE BARRICADE.
- IF THE WIDTH OF OFFSET IS LESS THAN 6' THEN THE TYPE III BARRICADE WITH ATTACHED ARROW SIGN PANEL CAN BE ELIMINATED IN THE TAPER AREAS.

SYMBOLS

- ↑ DIRECTION OF TRAFFIC
- ▨ WORK AREA
- ⊥ SIGN ON PORTABLE OR PERMANENT SUPPORT
- ⊚ TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT

TC-09

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	DESIGNED - AJP	REVISED -
... \prpln\ABC\1.D1_TC-9.dgn	DRAWN - TMB	REVISED -
USER NAME = tbenk	CHECKED - JMM	REVISED -
PLOT DATE = 11/13/2009	DATE - 10/16/09	REVISED -

benesch

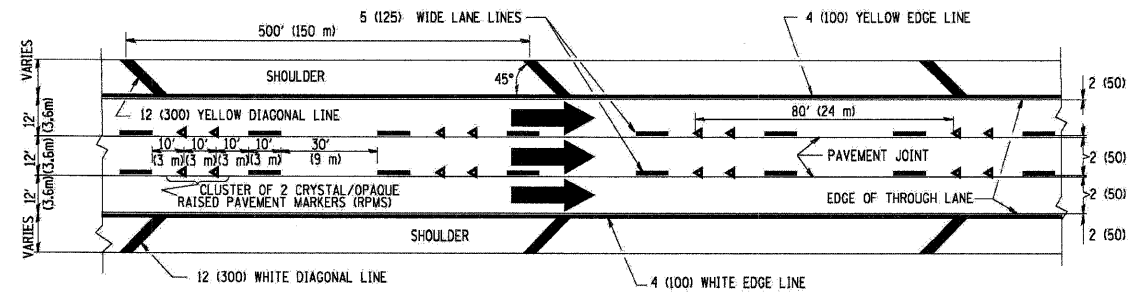
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FREEWAY SINGLE AND MULTI-LANE WEAVE

SCALE: N.T.S. SHEET NO. 10 OF 15 SHEETS STA. TO STA.

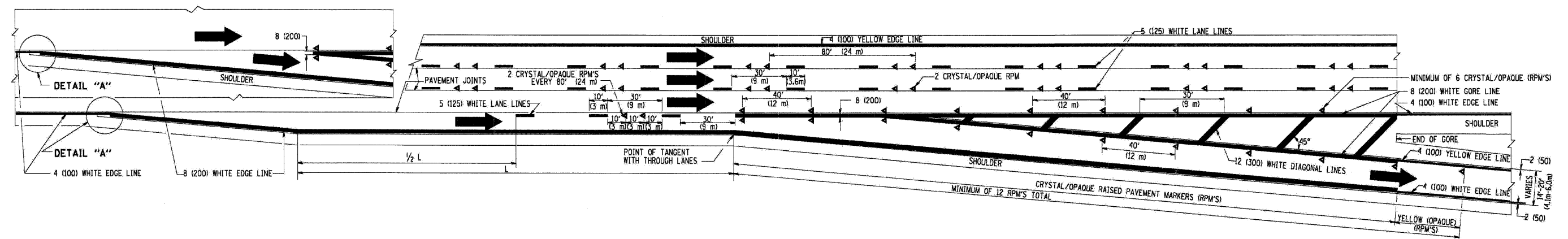
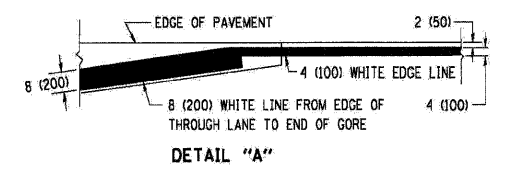
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290,355	22(1, 1-1, 2&3)RS-7	DUPAGE	546	541
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60G51	

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

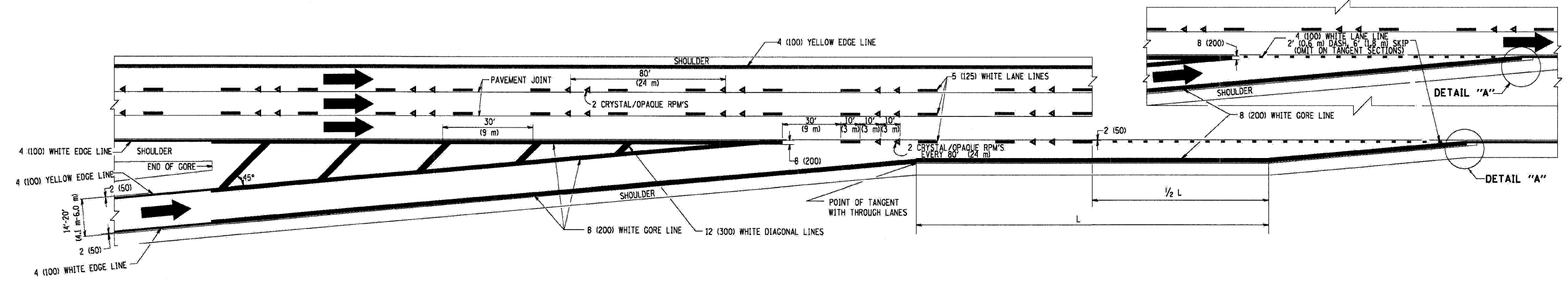


TYPICAL EDGE LINES & LANE LINES

- NOTES:
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

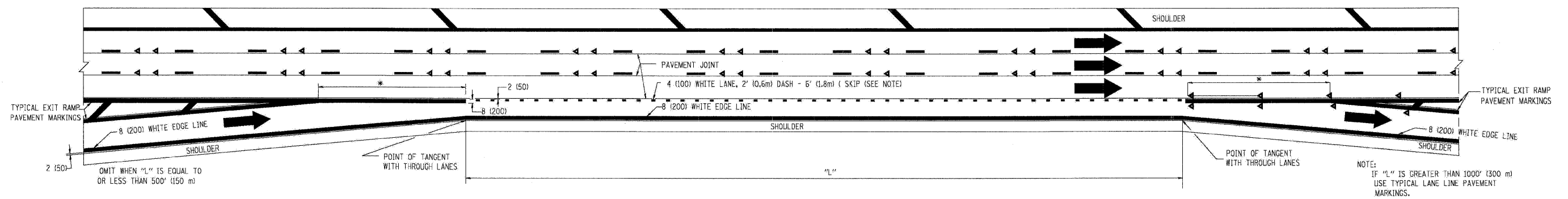


TYPICAL EXIT RAMP PAVEMENT MARKINGS

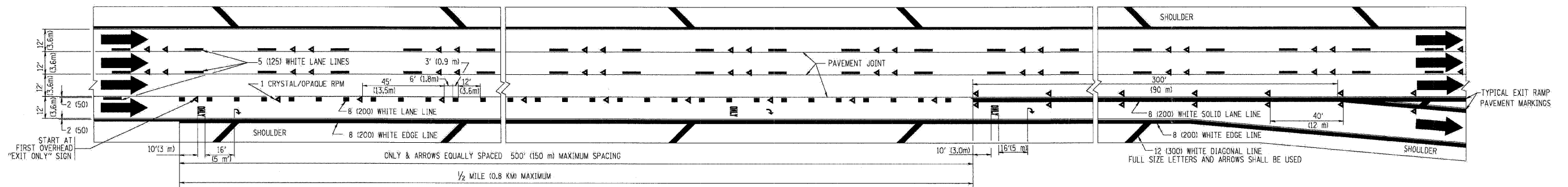


TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS

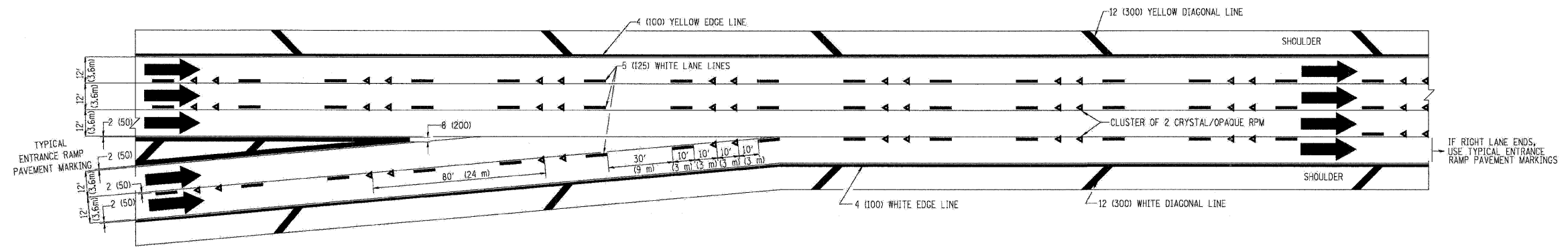
FILE NAME =	DESIGNED - AJP	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MULTI-LANE FREEWAY PAVEMENT MARKING		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
... \prip\in_ABC\01.D1_TC-12A.dgn	DRAWN - TMB	REVISED -					22(1, 1-1, 2&3)RS-7	DUPAGE	546	542	
USER NAME = tjbank	CHECKED - JMM	REVISED -					*290,355	CONTRACT NO. 60G51			
PLCT DATE = 11/13/2009	DATE - 10/16/09	REVISED -					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
			SCALE: N.T.S.		SHEET NO. 11 OF 15 SHEETS		STA. TO STA.				



TYPICAL ENTRANCE/EXIT RAMP COMBINATION PAVEMENT MARKINGS



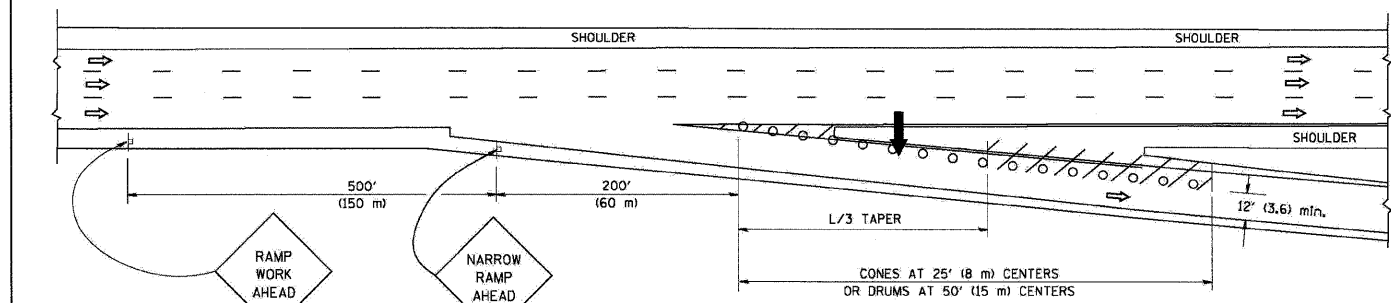
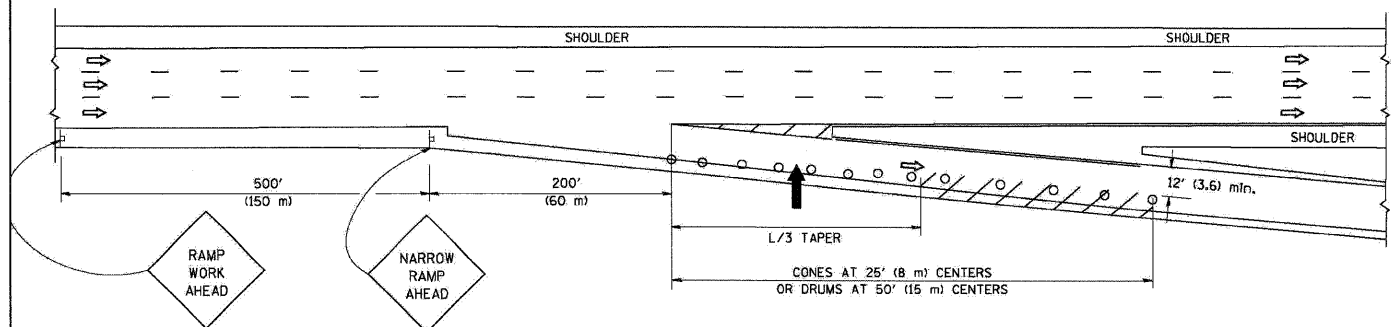
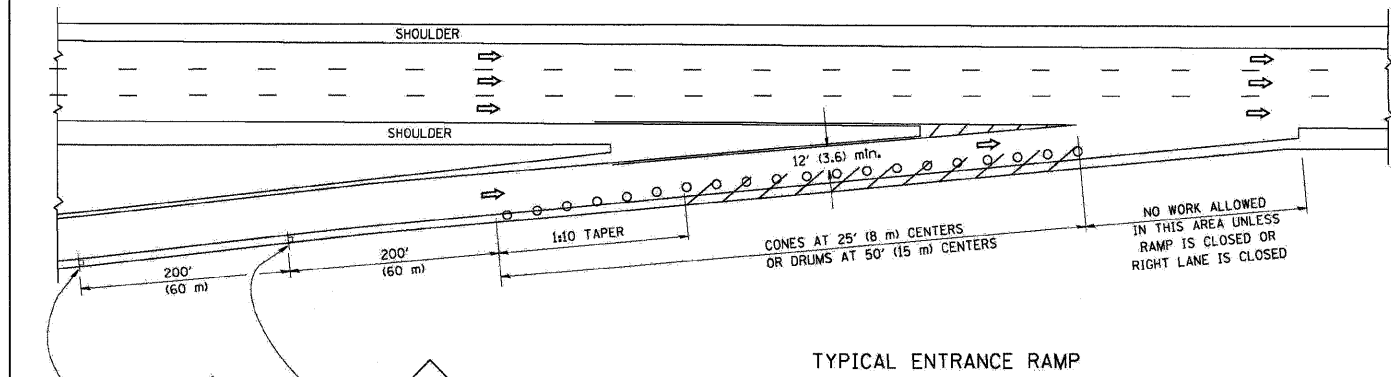
TYPICAL EXIT ONLY LANE PAVEMENT MARKINGS



TYPICAL TWO LANE ENTRANCE RAMP PAVEMENT MARKINGS

FILE NAME = ...Nprpln_08C.01.01.TC-12B.dgn	DESIGNED - AJP	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MULTI-LANE FREEWAY PAVEMENT MARKING			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME = tblank	DRAWN - TMB	REVISED -			SCALE: N.T.S.	SHEET NO. 12 OF 15 SHEETS	STA.	TO STA.	22(1, 1-1, 2&3)RS-7	DUPAGE	546	543
PLOT DATE = 11/13/2009	CHECKED - JMM	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			CONTRACT NO.	60G51		
	DATE - 10/16/09	REVISED -										

PARTIAL RAMP CLOSURE DETAILS



SYMBOLS

- ARROWBOARD
- 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

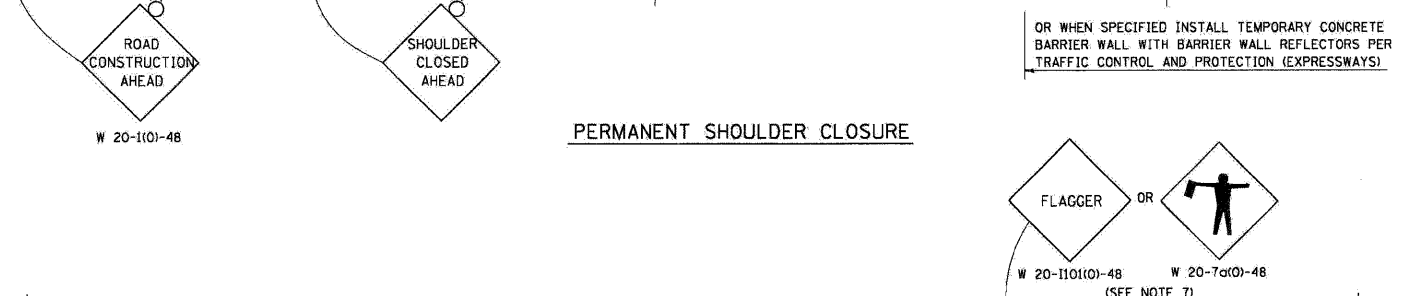
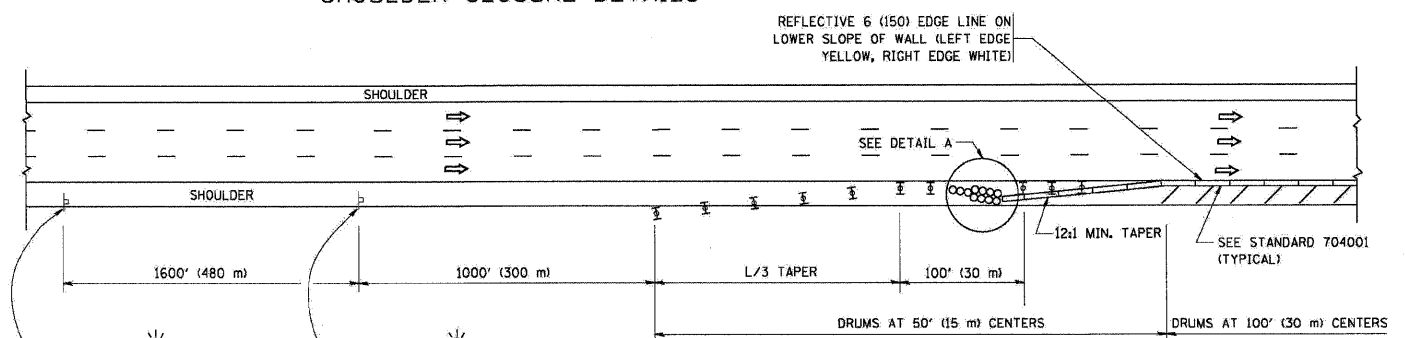
GENERAL NOTES

1. THE "L" DISTANCE EQUALS:

SPEED LIMIT	FORMULAS
45 mph (80 km/h) OR GREATER:	METRIC ENGLISH
	$L = 0.6S(WXS)$ $L = (WXS)$

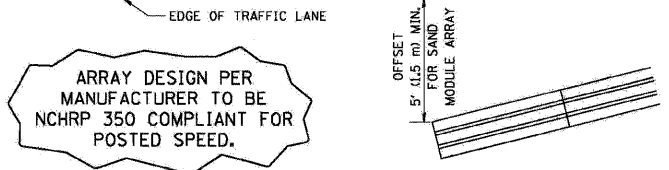
W = WIDTH OF OFFSET IN FEET (METERS)
S = NORMAL POSTED SPEED MPH (KM/H)
2. PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES.
3. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
4. FLASHING LIGHTS SHALL BE USED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

SHOULDER CLOSURE DETAILS



THIS DETAIL IS USED WHERE:

1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCRUCH IN AN AREA CLOSER THAN 15' (4.5 m) TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES.



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

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

FILE NAME =	DESIGNED - AJP	REVISED -
...vprpln_abc.ci.dl.tc-17.dgn	DRAWN - TMB	REVISED -
USER NAME = tblank	CHECKED - JMM	REVISED -
PLCT DATE = 11/13/2009	DATE - 10/16/09	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

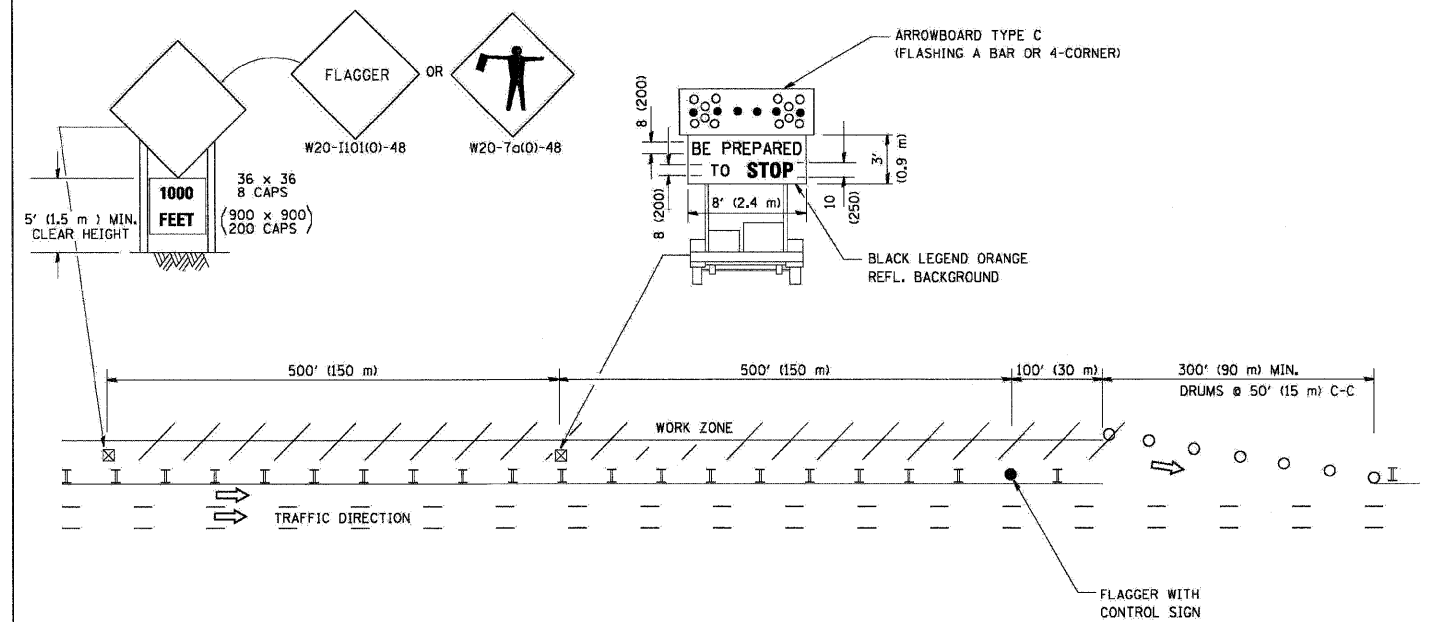
TRAFFIC CLOSURE FOR SHOULDER CLOSURES
AND PARTIAL RAMP CLOSURES

SCALE: N.T.S. SHEET NO. 13 OF 15 SHEETS STA. TO STA.

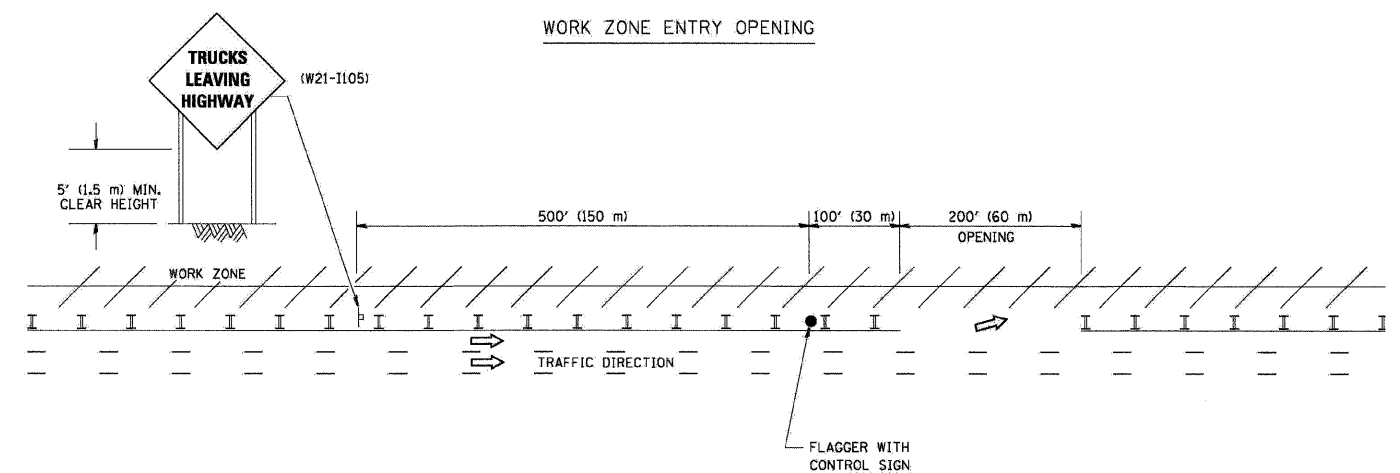
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290,355	22(1, 1-1, 2&3)RS-7	DUPAGE	546	544
CONTRACT NO. 60G51		ILLINOIS FED. AID PROJECT		

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

WORK ZONE EXIT OPENING



WORK ZONE ENTRY OPENING



NOTES:

1. The Arrowboard, the Flagger Ahead trailer mounted 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.
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.

TC-18

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	DESIGNED - AJP	REVISED -
...vprpin_abc.d1.01.tc-18.dgn	DRAWN - TMB	REVISED -
USER NAME = tblank	CHECKED - JMM	REVISED -
PLOT DATE = 11/13/2009	DATE - 10/16/09	REVISED -

benesch

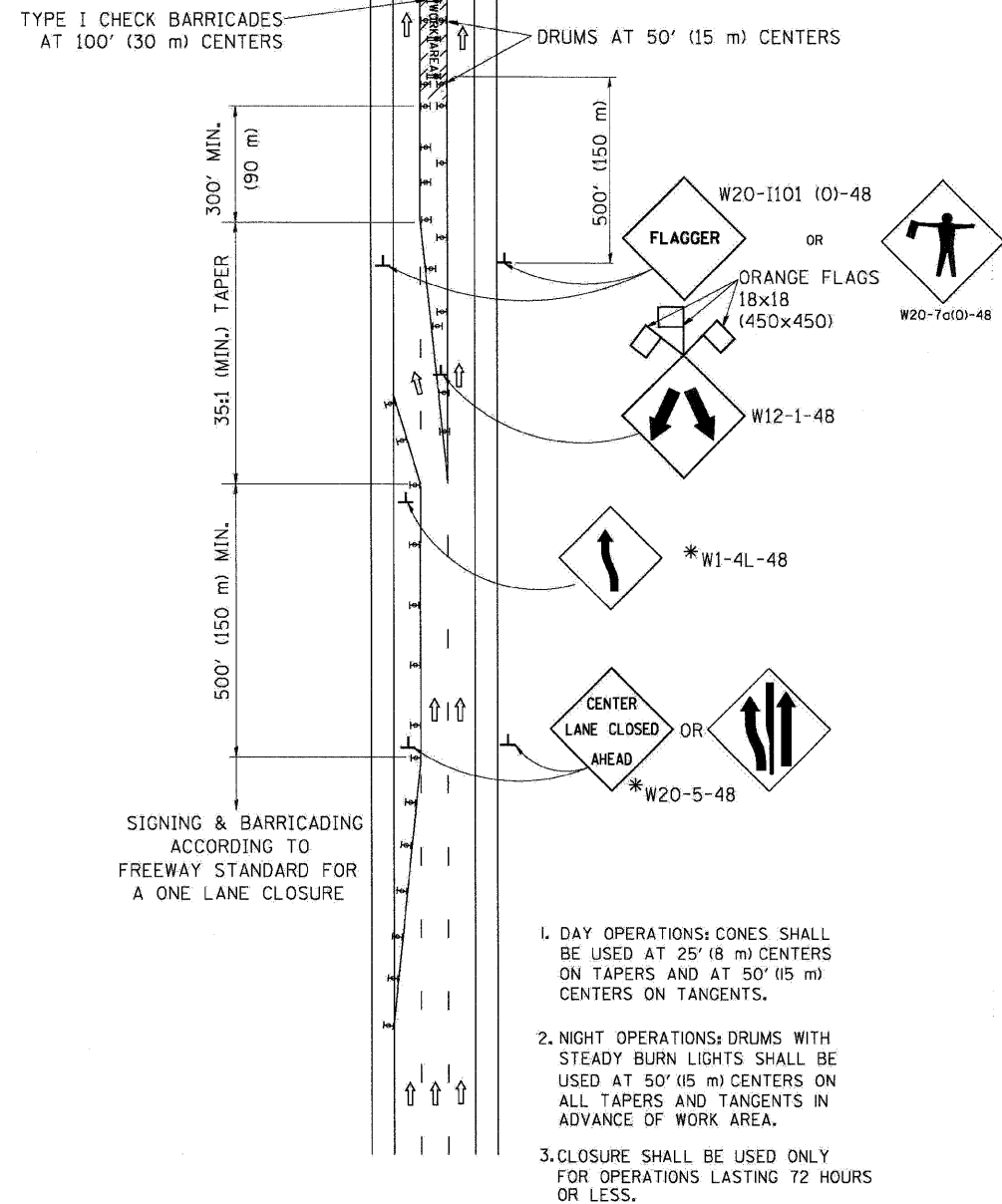
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIGNING FOR FLAGGING OPERATIONS AT
WORK ZONE OPENINGS**

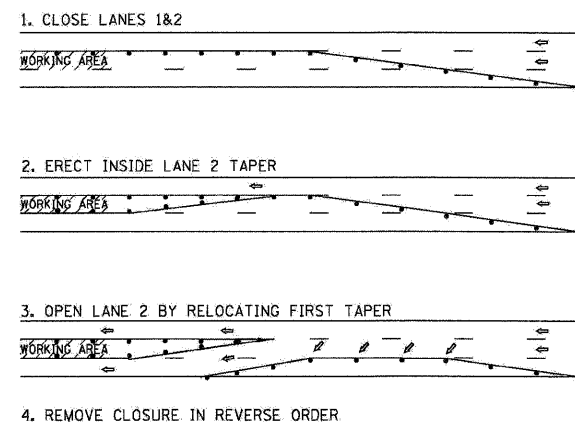
SCALE: N.T.S. SHEET NO. 14 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	22(1, 1-1, 2&3)RS-7	DUPAGE	546	545
•290,355			CONTRACT NO. 60G51	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CENTER LANE CLOSURE

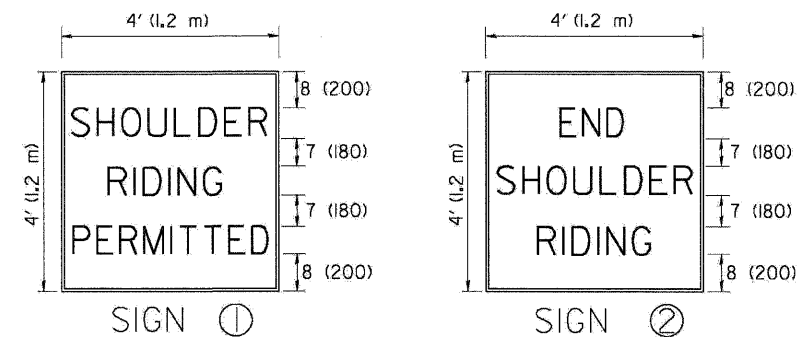
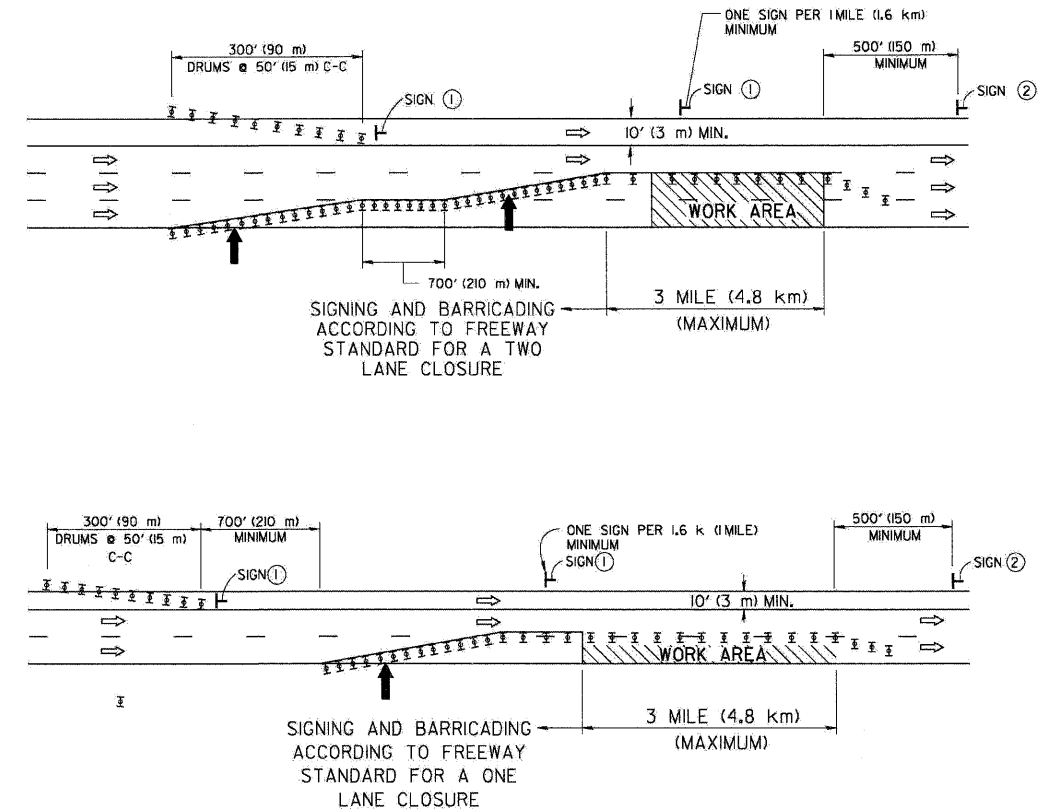


INSTALLATION SEQUENCE



SHOULDER LANE

NOTE: CLOSURE SHALL BE USED ONLY FOR OPERATIONS LASTING 72 HOURS OR LESS.



6 (150) SERIES "C" LEGEND
BLACK LEGEND
WHITE REFLECT. BACKGROUND
1 (25) BORDER

SYMBOLS

- ↑ DIRECTION OF TRAFFIC
- ➔ ARROWBOARD
- ▨ WORK AREA
- ◇ SIGN WITH 18x18 (450x450) ORANGE FLAGS ATTACHED *
- ┌ SIGN ON PORTABLE OR PERMANENT SUPPORT *
- ⊥ TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH MONO-DIRECTIONAL STEADY BURN LIGHT

TC-25

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

* ALL SIGNS SHALL BE MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).

FILE NAME = ...xprpln_48C.D1.D1.TC-25.dgn	DESIGNED - AJP	REVISED -
USER NAME = tblank	DRAWN - TMB	REVISED -
PL_PLOT DATE = 11/13/2009	CHECKED - JMM	REVISED -
	DATE - 10/16/09	REVISED -

benesch

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION


TRAFFIC CONTROL DETAILS FOR FREEWAY
CENTER LANE CLOSURE SHOULDER LANE

SCALE: N.T.S. SHEET NO. 15 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
•	221, 1-1, 2&3/RS-7	DUPAGE	546 546
*290,355		CONTRACT NO.	60G51
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

EASTBOUND SIGN SCHEDULE			EXISTING PANEL DIMENSIONS		PROPOSED PANEL DIMENSIONS		REMOVE SIGN PANEL-TYPE 1	REMOVE SIGN PANEL-TYPE 2	REMOVE SIGN PANEL-TYPE 3	REMOVE SIGN PANEL ASSEMBLY - TYPE A	REMOVE SIGN PANEL ASSEMBLY - TYPE B	SIGN PANEL TYPE 1	SIGN PANEL TYPE 2	SIGN PANEL TYPE 3	WOOD SIGN SUPPORT	TELESCOPING STEEL SIGN SUPPORT	REMOVAL OF SIGN LIGHTING, NO SALVAGE
SIGN NO.	STATION	LEGEND/DESCRIPTION	WIDTH (FT)	HEIGHT (FT)	WIDTH (FT)	HEIGHT (FT)	(SQ FT)	(SQ FT)	(SQ FT)	EACH	EACH	(SQ FT)	(SQ FT)	(SQ FT)	(FOOT)	(FOOT)	(EACH)
EB-WP-00A	64+00	W4-3R	4.0	4.0	4.0	4.0					1.0		16.0				
EB-TR-01	45+85	EXIT 7 - I 355 SOUTH TOLLWAY - JOLIET - KEEP LEFT	13.0	12.0	13.0	12.0			156.0					156.0			1.0
EB-TR-02	45+85	I 290 EAST - CHICAGO - KEEP RIGHT	12.5	12.0	12.5	12.0			150.0					150.0			1.0
EB-PM-02A	32+50	R2-1 (55 MPH)	4.0	5.0	4.0	5.0		20.0				20.0					
EB-PM-02B	32+50	R2-1 (55 MPH)	4.0	5.0	4.0	5.0		20.0				20.0					
EB-PM-02C1	46+00	R3-4	4.0	4.0	4.0	4.0		16.0				16.0					
EB-PM-02C2	46+00	EXCEPT - AUTHORIZED - VEHICLES	4.0	2.7	4.0	2.7		10.6				10.6					
EB-TR-03	32+50	EXIT 7 - I 355 SOUTH TOLLWAY - JOLIET	29.5	12.0	29.5	12.0			354.0					354.0			1.0
EB-TR-04	32+50	I 290 EAST - CHICAGO	17.5	12.0	17.5	12.0			210.0					210.0			1.0
EB-BM-05	22+50	EXIT 7 - I 355 SOUTH TOLLWAY - JOLIET	29.5	13.0	29.5	13.0			383.5					383.5			1.0
EB-BM-06	22+50	I 290 EAST - CHICAGO	17.5	13.0	17.5	13.0			227.5					227.5			1.0
EB-BM-06A	22+50	IRVING PARK RD.	9.2	1.5	9.2	1.5		13.8				13.8					
EB-TR-07	14+95	EXIT 7 - I 355 SOUTH TOLLWAY - JOLIET	29.5	13.0	29.5	13.0			383.5					383.5			1.0
EB-TR-08	14+95	I 290 EAST - CHICAGO	17.5	13.0	17.5	13.0			227.5					227.5			1.0
EB-TS-08A	3+13	LANES SPLIT	4.0	4.0	4.0	4.0				1.0		16.0			18.0		
EB-CL-09	149+50	US 20 - LAKE ST - EXIT 1/4 MILE	12.0	10.0	12.0	10.0			120.0					120.0			1.0
EB-CL-10	141+50	US 20 - LAKE ST	15.0	8.0	15.0	8.0			120.0					120.0			1.0
EB-WP-10A	12+92	W4-3R	4.0	4.0	4.0	4.0				1.0		16.0		18.0			
EB-PM-10B	28+31	R2-1 (55 MPH)	4.0	5.0	4.0	5.0		20.0				20.0					
EB-TS-10C	29+50	R2-1 (55 MPH)	4.0	5.0	4.0	5.0				1.0		20.0				18.0	
EB-PM-10D	35+48	W9-2	4.0	4.0	4.0	4.0		16.0				16.0					
EB-TS-10E	40+76	W4-2R	4.0	4.0	4.0	4.0				1.0		16.0			18.0		
EB-PM-10F	56+47	TRUCKS - USE - 2 - RIGHT - LANES	4.0	5.0	4.0	5.0		20.0				20.0					
EB-PM-10G	56+47	TRUCKS - USE - 2 - RIGHT - LANES	4.0	5.0	4.0	5.0		20.0				20.0					
EB-PM-10H	75+32	MILL RD	4.0	1.5	5.3	1.5	6.0					7.9					
EB-BM-10I*	75+32	TRUCKS USE - 2 RIGHT LANES	15.0	5.5	15.0	5.5			82.5					82.5			1.0
EB-TS-10J1	23+93	M3-4	2.5	1.3	2.5	1.3				1.0		3.1			18.0		
EB-TS-10J2	23+93	M1-1-3 (I 290)	PER MUTCD STD (9FT ²)		PER MUTCD STD (9FT ²)					1.0		9.0					
EB-GM-11	90+00	EXITS 10A-B - IL 83 - 2 MILES	11.0	8.0	12.5	11.5			88.0					143.8			
EB-WP-11A*	121+00	ADDISON RD	7.7	1.5	7.7	1.5					1.0		11.5	36.0			
EB-WP-11B1	97+50	R3-4	4.0	4.0	4.0	4.0					1.0		16.0	18.0			
EB-WP-11B2	97+50	EXCEPT - AUTHORIZED - VEHICLES	4.0	2.7	4.0	2.7					1.0		10.6				
EB-GM-12	144+00	EXITS 10A-B - IL 83 - 1 MILE	14.0	11.0	14.0	11.0			154.0					154.0			
EB-WP-12A*	173+42	WOOD DALE RD	9.3	1.5	9.3	1.5					1.0		13.9		36.0		
EB-GM-13	181+95	EXIT 10A - IL 83 SOUTH - 1/4 MILE	15.0	11.0	15.0	11.0			165.0					165.0			
EB-PM-13A	192+10	W13-3 (25 MPH)	3.0	4.0	4.0	5.0		12.0				20.0					
EB-TR-14	192+10	EXIT 10B - IL 83 NORTH - 1/4 MILE	14.0	7.0	14.0	10.5			98.0					147.0			1.0
EB-TR-15	192+10	EXIT 10A - IL 83 SOUTH	17.5	5.5	17.5	10.0			96.3					175.0			1.0
EB-WP-16	196+25	EXIT - 10A	7.5	5.0	7.0	5.0					1.0			35.0	36.0		
EB-TS-16A	201+00	W4-1R	4.0	4.0	4.0	4.0					1.0		16.0			18.0	
EB-BM-17*	205+90	I 290 WEST - ROCKFORD	15.0	8.5	15.0	8.5			127.5					127.5			1.0
EB-CL-18	208+80	EXIT 10B - IL 83 NORTH	17.5	5.5	17.5	10.0			96.3					175.0			1.0
EB-TS-18A	209+90	W13-3 (25 MPH)	3.0	4.0	4.0	5.0					1.0		20.0			18.0	
EB-WP-19	211+00	EXIT - 10B	7.5	5.0	7.0	5.0					1.0			35.0	36.0		
EB-TS-19A	215+98	W4-1R	4.0	4.0	4.0	4.0					1.0		16.0			18.0	
EB-TS-19C	221+00	R2-1 (55 MPH)	4.0	5.0	4.0	5.0					1.0		20.0			18.0	
EB-TS-19B1	230+19	M3-2	2.5	1.3	2.5	1.3				1.0		3.1			18.0		
EB-TS-19B2	230+19	M1-1-3 (I 290)	PER MUTCD STD (9FT ²)		PER MUTCD STD (9FT ²)					1.0		9.0					
EB-TR-20	250+40	EXIT 13A - IL 64 US 20 EAST I-294 NORTH TOLLWAY - NORTH AVE LAKE ST MILWAUKEE - 1 1/2 MILES	29.0	17.0	29.0	17.0			493.0					493.0			1.0
EB-TR-21	250+40	EXIT 12 - YORK RD - 1 MILE	12.0	6.5	12.0	8.0			78.0					96.0			1.0
EB-PM-21A	250+40	TRUCKS - USE - 2 - RIGHT - LANES	4.0	5.0	4.0	5.0			20.0				20.0				
EB-PM-21B	250+40	R2-1 (55 MPH)	4.0	5.0	4.0	5.0			20.0				20.0				
EASTBOUND SUBTOTAL							6	209	3811	4	15	33	425	4161	162	198	17


*EXISTING SIGN DIMENSIONS NOT AVAILABLE; PROPOSED SIGN DIMENSIONS USED

FILE NAME =	DESIGNED - SEW	REVISED -	 LIN ENGINEERING LTD. Consulting Engineers Channah, Illinois Westmont 3199	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILEL	DRAWN - SEW	REVISED -			* 22(1, 1-1, 28,3)RS-7	DUPAGE	661	547				
USER NAME = *USER*	CHECKED - FML	REVISED -			* 290,355	CONTRACT NO. 60G51						
PLOT DATE = *DATE*	DATE - 12/2009	REVISED -			FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT					
				SCALE: N.T.S.	SHEET NO. 1 OF 4 SHEETS	STA. TO STA.						

NORTHBOUND SIGN SCHEDULE

SIGN NO.	STATION	LEGEND/DESCRIPTION	EXISTING PANEL DIMENSIONS		PROPOSED PANEL DIMENSIONS		REMOVE SIGN	REMOVE SIGN	REMOVE SIGN	REMOVE SIGN	REMOVE SIGN	REMOVE SIGN	SIGN PANEL	SIGN PANEL	SIGN PANEL	WOOD SIGN	TELESCOPING	REMOVAL OF
			WIDTH (FT)	HEIGHT (FT)	WIDTH (FT)	HEIGHT (FT)	PANEL-TYPE 1 (SQ FT)	PANEL-TYPE 2 (SQ FT)	PANEL-TYPE 3 (SQ FT)	PANEL ASSEMBLY - TYPE A EACH	PANEL ASSEMBLY - TYPE B EACH	SIGN PANEL TYPE 1 (SQ FT)	SIGN PANEL TYPE 2 (SQ FT)	SIGN PANEL TYPE 3 (SQ FT)	SUPPORT (FOOT)	STEEL SIGN SUPPORT (FOOT)	SIGN LIGHTING, NO SALVAGE (EACH)	
NB-TS-01	32+30	W4-1R	4.0	4.0	4.0	4.0								16.0			18.0	
NB-PM-01A1	51+72	M3-1	2.5	1.3	2.5	1.3	3.1						3.1					
NB-PM-01A2	51+72	M1-1-3 (I 355)	PER MUTCD STD (9FT ²)		PER MUTCD STD (9FT ²)		9.0						9.0					
NB-PM-01B	55+16	R2-1 (55 MPH)	4.0	5.0	4.0	5.0							20.0					
NB-TS-01C1	55+00	R3-4	4.0	4.0	4.0	4.0		20.0					16.0				18.0	
NB-TS-01C2	55+00	EXCEPT - AUTHORIZED - VEHICLES	4.0	2.7	4.0	2.7							10.6					
NB-CL-02	58+00	20 - LAKE ST - EXIT ONLY	14.0	10.0	14.0	10.0			140.0					140.0			1.0	
NB-TR-03	73+10	20 - LAKE ST - EXIT ONLY	15.0	10.5	15.0	10.5			157.5					157.5			1.0	
NB-TR-04	73+10	I 290 WEST I 290 EAST - ROCKFORD CHICAGO - 1 MILE	22.5	10.5	23.0	10.5			236.3					241.5			1.0	
NB-TS-04A	80+86	W13-3 (30 MPH)	4.0	5.0	4.0	5.0							20.0			18.0		
NB-WP-05	83+00	EXIT	6.0	5.0	6.0	5.0								30.0	36.0			
NB-WP-05A	90+52	W4-3R	4.0	4.0	4.0	4.0							16.0		18.0			
LS-BM-06*	95+50	I 355 SOUTH TOLLWAY - JOLIET	15.5	13.5	15.5	13.5			209.3					209.3			1.0	
NB-TR-07	98+80	I 290 WEST - ROCKFORD	29.5	11.0	29.5	11.0			324.5					324.5			1.0	
NB-TR-08	98+80	I 290 EAST - CHICAGO	12.0	11.0	12.0	11.0			132.0					132.0			1.0	
NB-WP-09	101+08	W4-3R	4.0	4.0	4.0	4.0							16.0		18.0			
NB-TR-10	110+00	I 290 WEST - ROCKFORD	29.5	11.0	29.5	11.0			324.5					324.5			1.0	
NB-TR-11	110+00	I 290 EAST - CHICAGO	17.5	11.0	17.5	11.0			192.5					192.5			1.0	
NB-TR-12	117+70	I 290 WEST - ROCKFORD	29.5	11.0	29.5	11.0			324.5					324.5			1.0	
NB-TR-13	117+70	I 290 EAST - CHICAGO	17.5	11.0	17.5	11.0			192.5					192.5			1.0	
NB-TS-14	122+63	LANES SPLIT	4.0	4.0	4.0	4.0							16.0			18.0		
NB-TS-15	123+08	W13-3 (50 MPH)	3.0	4.0	4.0	5.0							20.0			18.0		
NORTHBOUND SUBTOTAL							13	20	2234	0	9	13	151	2269	72	90	10	

*EXISTING SIGN DIMENSIONS NOT AVAILABLE; PROPOSED SIGN DIMENSIONS USED

FILE NAME =	DESIGNED - SEW	REVISED -	 LIN ENGINEERING LTD. Consulting Engineers Channah Illinois Westmont Illinois	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#	DRAWN - SEW	REVISED -			* 220, 1-1, 2&3)RS-7	DUPAGE	661	549					
USER NAME = #USER#	CHECKED - FML	REVISED -			* 290.355	CONTRACT NO. 60651							
PLOT DATE = #DATE#	DATE - 12/2009	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT								
					SCALE: N.T.S.	SHEET NO. 3 OF 4 SHEETS	STA.	TO STA.					

SOUTHBOUND SIGN SCHEDULE

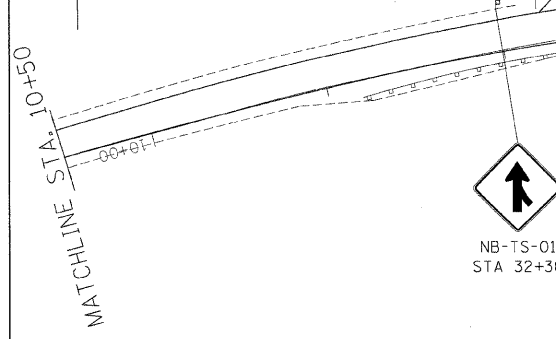
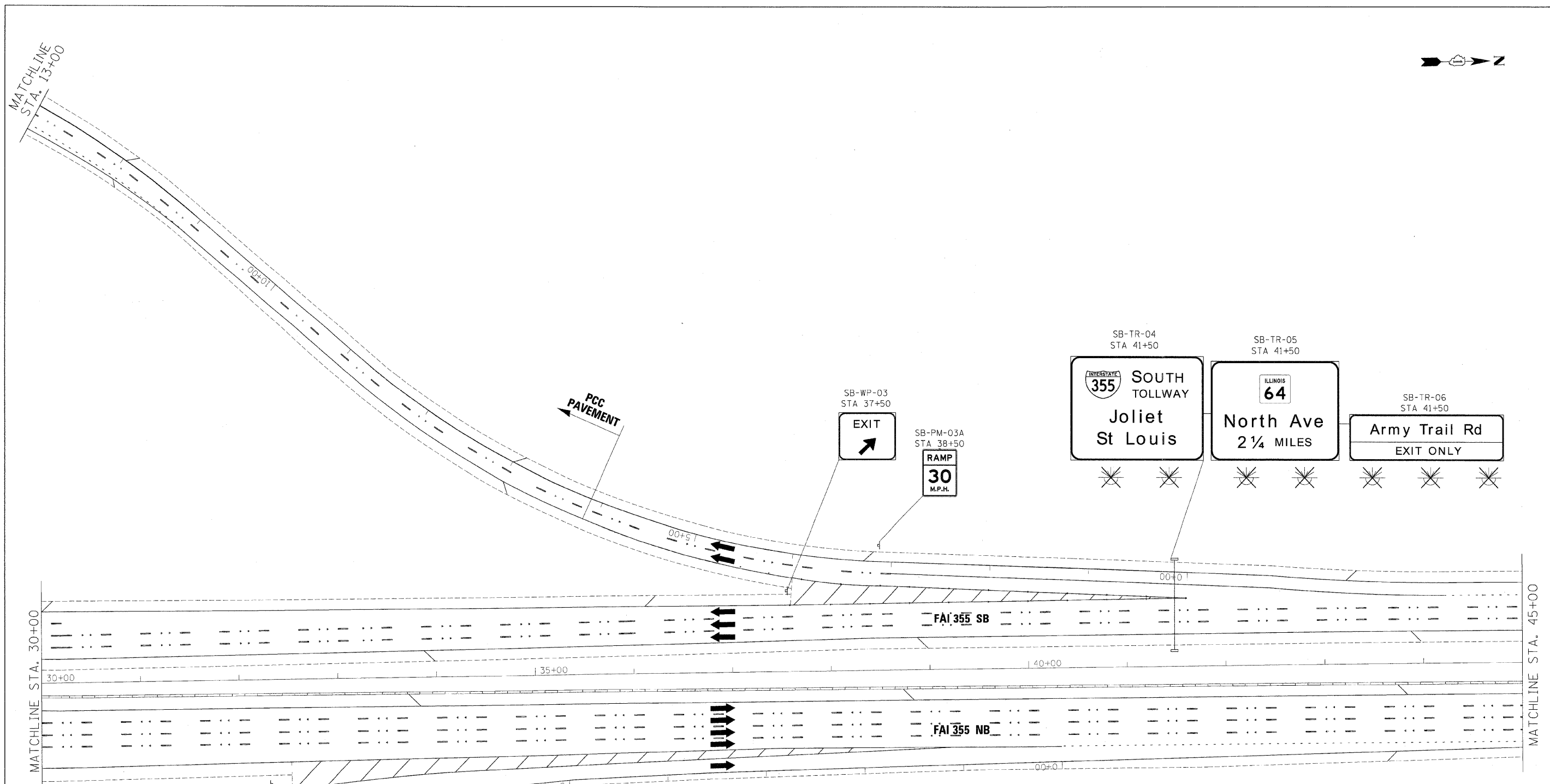
SIGN NO.	STATION	LEGEND/DESCRIPTION	EXISTING PANEL DIMENSIONS		PROPOSED PANEL DIMENSIONS		REMOVE SIGN PANEL-TYPE 1 (SQ FT)	REMOVE SIGN PANEL-TYPE 2 (SQ FT)	REMOVE SIGN PANEL-TYPE 3 (SQ FT)	REMOVE SIGN PANEL ASSEMBLY - TYPE A EACH	REMOVE SIGN PANEL ASSEMBLY - TYPE B EACH	SIGN PANEL TYPE 1 (SQ FT)	SIGN PANEL TYPE 2 (SQ FT)	SIGN PANEL TYPE 3 (SQ FT)	WOOD SIGN SUPPORT (FOOT)	TELESCOPING STEEL SIGN SUPPORT (FOOT)	REMOVAL OF SIGN LIGHTING, NO SALVAGE (EACH)	
			WIDTH (FT)	HEIGHT (FT)	WIDTH (FT)	HEIGHT (FT)												
SB-WP-03	37+50	EXIT	6.0	5.0	6.0	5.0								30.0	36.0			
SB-PM-03A	38+50	W13-3 (30 MPH)	4.0	5.0	4.0	5.0		20.0					20.0					
SB-TR-04	41+50	I 355 SOUTH TOLLWAY - JOLIET - ST LOUIS	12.5	12.0	12.5	12.0			150.0					150.0			1.0	
SB-TR-05	41+50	IL 64 - NORTH AVE - 2 1/4 MILES	14.5	10.5	14.5	10.5			152.3					152.3			1.0	
SB-TR-06	41+50	ARMY TRAIL RD - EXIT ONLY	20.0	6.0	20.0	6.0			120.0					120.0			1.0	
SB-GM-07	47+00	"ADDISON - BLOOMINGDALE - GLENDALE HTS - NEXT RIGHT"	8.0	7.0	9.0	7.0			56.0					63.0				
SB-TR-08	54+70	"LAST EXIT BEFORE - TOLLWAY - ARMY TRAIL RD - EXIT ONLY"	21.0	13.0	21.0	13.0			273.0					273.0			1.0	
SB-TS-08A1	55+00	R3-4	4.0	4.0	4.0	4.0				1.0			16.0			18.0		
SB-TS-08A2	55+00	EXCEPT - AUTHORIZED - VEHICLES	4.0	2.7	4.0	2.7				1.0			10.6					
SB-GM-09	60+50	LAST EXIT - BEFORE TOLLWAY	17.0	5.0	17.0	5.0			85.0					85.0				
SB-CL-10	64+90	ARMY TRAIL RD - EXIT ONLY	20.0	6.0	20.0	6.0			120.0					120.0			1.0	
SB-TS-10A	89+00	W4-3R	4.0	4.0	4.0	4.0				1.0			16.0			18.0		
SB-WP-10B	94+00	R2-1 (55 MPH)	4.0	5.0	4.0	5.0				1.0			20.0			18.0		
LS-BM-11*	94+80	TO I 290 - CHICAGO - ROCKFORD	12.5	14.0	12.5	14.0			175.0					175.0			1.0	
SB-CL-12	96+50	ARMY TRAIL RD - EXIT 1 MILE	20.0	6.5	20.0	6.5			130.0					130.0			1.0	
SB-WP-12A	102+00	W13-3 (25 MPH)	3.0	4.0	4.0	5.0				1.0			20.0			18.0		
SB-WP-13	117+00	EXIT	6.0	5.0	6.0	5.0				1.0			30.0			36.0		
SB-PM-14B	117+66	W4-1R	4.0	4.0	4.0	4.0				1.0			16.0					
SB-WP-14A	121+33	W4-3R	4.0	4.0	4.0	4.0				1.0			16.0			18.0		
SB-TR-14	122+00	I 355 SOUTH TOLLWAY - JOLIET	12.5	10.5	12.5	10.5			131.3					131.3			1.0	
SB-TR-15	122+00	20 - LAKE ST - EXIT ONLY	14.0	10.5	14.0	10.5			147.0					147.0			1.0	
SB-WP-16	127+20	EXIT	6.0	5.0	6.0	5.0				1.0			20.0			36.0		
SB-TS-17	128+69	W13-3 (25 MPH)	3.0	4.0	4.0	5.0				1.0			20.0			18.0		
SOUTHBOUND SUBTOTAL								0	20	1540	0	11	0	155	1637	162	54	9

MILE POST MARKER ASSEMBLY

DIRECTION	EACH
NORTHBOUND	5
SOUTHBOUND	5
EASTBOUND	24
WESTBOUND	24
TOTAL	58

*EXISTING SIGN DIMENSIONS NOT AVAILABLE; PROPOSED SIGN DIMENSIONS USED

FILE NAME =	DESIGNED - SEW	REVISED -	 <p>LIN ENGINEERING, LTD. Consulting Engineers Chatham, Illinois Wentzport, Illinois</p>	<p>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	SCHEDULE OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILEL	DRAWN - SEW	REVISED -			* 22(1, 1-1, 2&3)RS-7	DUPAGE	661	550				
USER NAME = *USER*	CHECKED - FML	REVISED -			* 290,355	CONTRACT NO. 60G51						
PLOT DATE = *DATE*	DATE - 12/2009	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT						
				SCALE: N.T.S.	SHEET NO. 4 OF 4 SHEETS	STA. TO STA.						



GUIDE SIGN SEQUENCE NUMBERING CODE

EXAMPLE

EB-TR-03

DIRECTION OF TRAFFIC	SIGN PANEL NUMBER
NB - NORTHBOUND FAI 355	
SB - SOUTHBOUND FAI 355	
EB - EASTBOUND FAI 290	
WB - WESTBOUND FAI 290	
LS - LAKE STREET	
AT - ARMY TRAIL RD	
83 - IL 83 (KINGERY HWY)	
64 - IL 64 (NORTH AVE)	
REMOVE AND REPLACE SIGN PANEL	MOUNTING TYPE
EXISTING LUMINAIRE TO BE REMOVED	TR - TRUSS
	CL - CANTILEVER
	BM - BRIDGE MOUNTED
	WP - WOOD POST
	BS - BREAKAWAY STEEL
	LP - LIGHT POLE
	GM - GROUND MOUNTED

FILE NAME =	DESIGNED - AJP	REVISED -
...prpIn_ABC_68/23_355.pvttrkig-24.dgn	DRAWN - TMB	REVISED -
USER NAME = jmajewski	CHECKED - JMM	REVISED -
PLOT DATE = 12/16/2009	DATE - 10/16/09	REVISED -

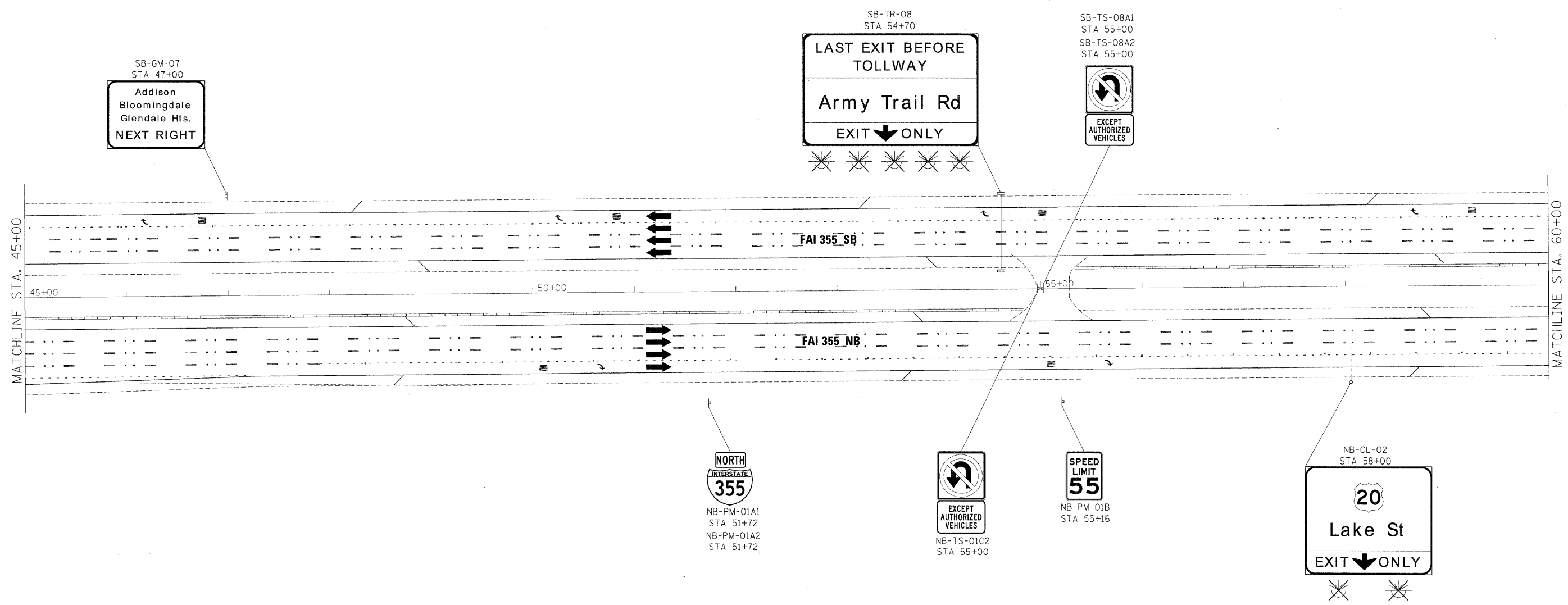
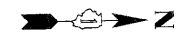
benesch

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
I-355 STA 30+00 TO STA 45+00

SCALE: 1"=50' SHEET NO. 1 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*290,355	22(1, 1-1, 2&3)RS-7	DUPAGE	661	551
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 60C51		



**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE
EB-TR-03

DIRECTION OF TRAFFIC
 NB - NORTHBOUND FAI 355
 SB - SOUTHBOUND FAI 355
 EB - EASTBOUND FAI 290
 WB - WESTBOUND FAI 290
 LS - LAKE STREET
 AT - ARMY TRAIL RD
 83 - IL 83 (KINGERY HWY)
 64 - IL 64 (NORTH AVE)

SIGN PANEL NUMBER

MOUNTING TYPE
 TR - TRUSS
 CL - CANTILEVER
 BM - BRIDGE MOUNTED
 WP - WOOD POST
 BS - BREAKAWAY STEEL
 LP - LIGHT POLE
 GM - GROUND MOUNTED

REMOVE AND REPLACE SIGN PANEL
 EXISTING LUMINAIRE TO BE REMOVED

FILE NAME =	DESIGNED - AJP	REVISED
...\\comp\In_ABC_66J23_355_pvm\mkg_05.dgn	DRAWN - TMB	REVISED -
USER NAME = jma\jwaki	CHECKED - JMM	REVISED -
PLOT DATE = 12/16/2009	DATE - 10/16/09	REVISED

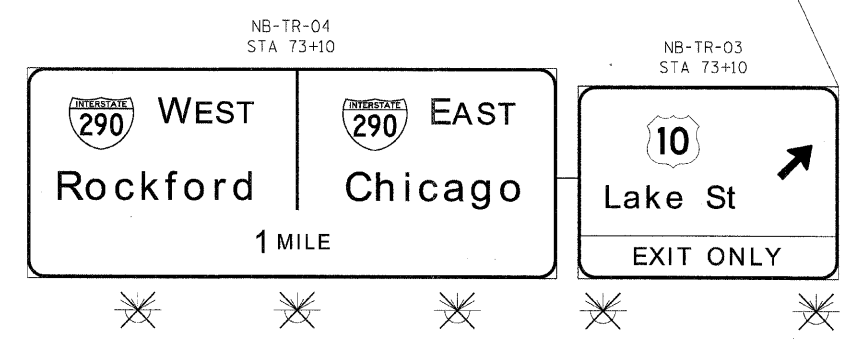
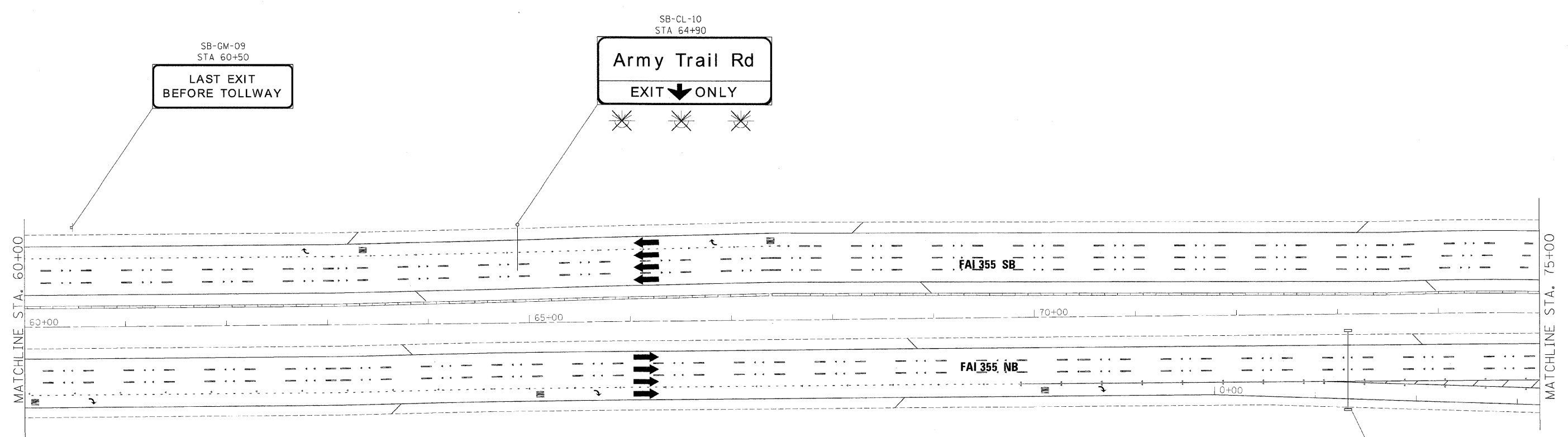
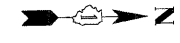
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
I-355 STA 45+00 TO STA 60+00**

SCALE: 1"=50' SHEET NO. 2 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*290,355	22(1, 1-1, 2&3)RS-7	DUPAGE	661	552
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT		CONTRACT NO. 60G51		



**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE

- | | | |
|----------------------------------|----------|----------------------|
| DIRECTION OF TRAFFIC | EB-TR-03 | SIGN PANEL NUMBER |
| NB - NORTHBOUND FAI 355 | | |
| SB - SOUTHBOUND FAI 355 | | |
| EB - EASTBOUND FAI 290 | | |
| WB - WESTBOUND FAI 290 | | |
| LS - LAKE STREET | | MOUNTING TYPE |
| AT - ARMY TRAIL RD | | TR - TRUSS |
| 83 - IL 83 (KINGERY HWY) | | CL - CANTILEVER |
| 64 - IL 64 (NORTH AVE) | | BM - BRIDGE MOUNTED |
| | | WP - WOOD POST |
| | | BS - BREAKAWAY STEEL |
| | | LP - LIGHT POLE |
| | | GM - GROUND MOUNTED |
| REMOVE AND REPLACE SIGN PANEL | | |
| EXISTING LUMINAIRE TO BE REMOVED | | |

FILE NAME -	DESIGNED - AJP	REVISED -
...pro\in_abc_60j23_355.pvt\trkg_26.dgn	DRAWN - TMB	REVISED -
USER NAME - jmajewski	CHECKED - JMM	REVISED -
PLOT DATE - 12/16/2009	DATE - 10/16/09	REVISED -

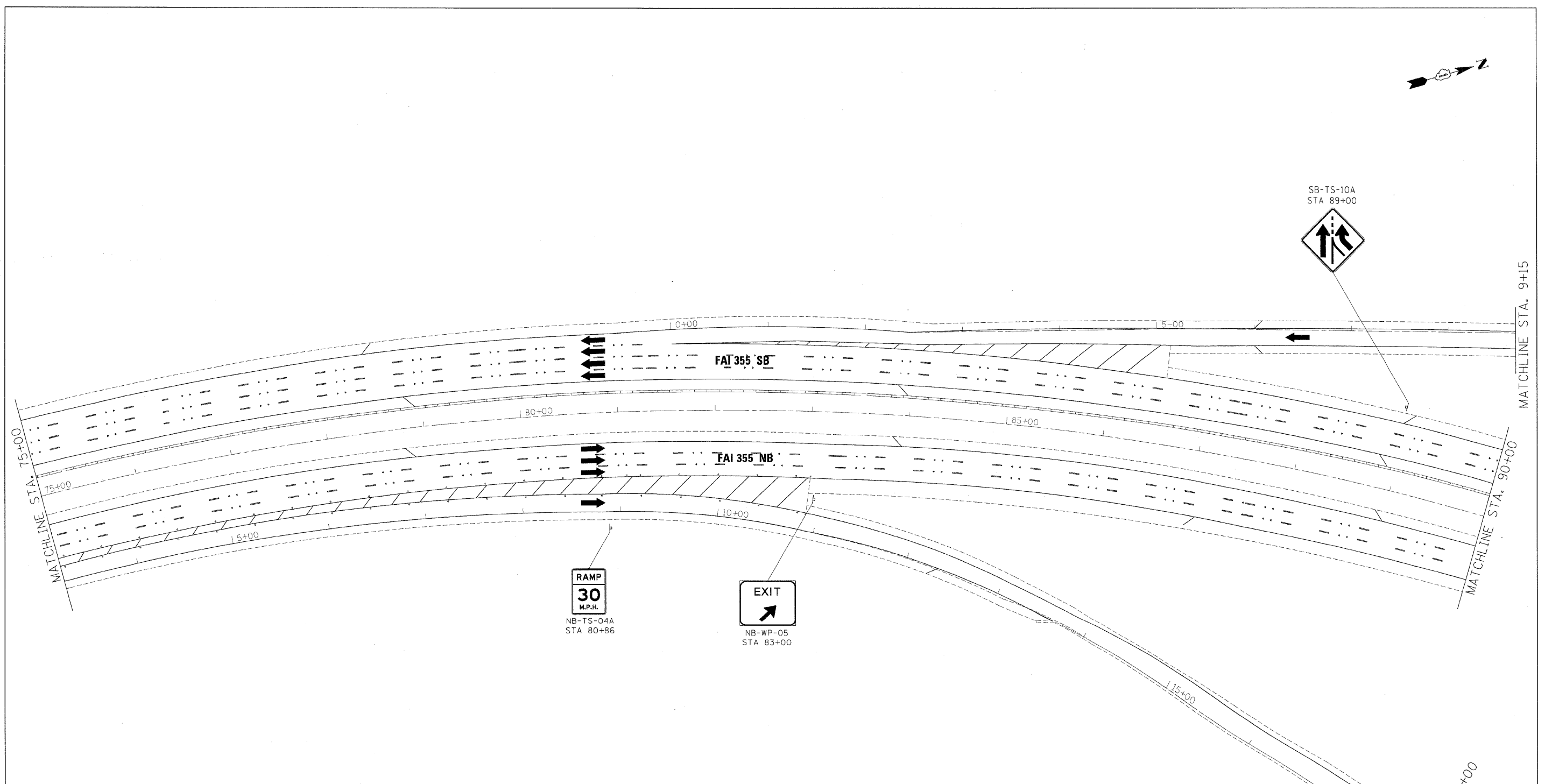
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN
I-355 STA 60+00 TO STA 75+00

SCALE: 1"=50' SHEET NO. 3 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290,355	22(1, 1-1, 2&3)RS-7	DUPAGE	661	553
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60G51		



**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE
EB-TR-03

DIRECTION OF TRAFFIC: EB (Eastbound)

SIGN PANEL NUMBER: TR (Truss)

MOUNTING TYPE: 03 (Cantilever)

NB - NORTHBOUND FAI 355
 SB - SOUTHBOUND FAI 355
 EB - EASTBOUND FAI 290
 WB - WESTBOUND FAI 290
 LS - LAKE STREET
 AT - ARMY TRAIL RD
 83 - IL 83 (KINGERY HWY)
 64 - IL 64 (NORTH AVE)

[] REMOVE AND REPLACE SIGN PANEL
 [X] EXISTING LUMINAIRE TO BE REMOVED

TR - TRUSS
 CL - CANTILEVER
 BM - BRIDGE MOUNTED
 WP - WOOD POST
 BS - BREAKAWAY STEEL
 LP - LIGHT POLE
 GM - GROUND MOUNTED

FILE NAME =	DESIGNED - AJP	REVISED -
...prp1n_abc_68J23_355_pvntmkg_07.dgn	DRAWN - TMB	REVISED -
USER NAME = jnojevskt	CHECKED - JMM	REVISED -
PLOT DATE = 12/16/2009	DATE - 10/16/09	REVISED -

benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
I-355 STA 75+00 TO STA 90+00**

SCALE: 1"=50' SHEET NO. 4 OF 32 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290, 355	220, 1-1, 2&3RS-7	DUPAGE	661	554
CONTRACT NO. 60G51			ILLINOIS FED. AID PROJECT	

**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE
EB-TR-03

DIRECTION OF TRAFFIC

- NB - NORTHBOUND FAI 355
- SB - SOUTHBOUND FAI 355
- EB - EASTBOUND FAI 290
- WB - WESTBOUND FAI 290
- LS - LAKE STREET
- AT - ARMY TRAIL RD
- 83 - IL 83 (KINGERY HWY)
- 64 - IL 64 (NORTH AVE)

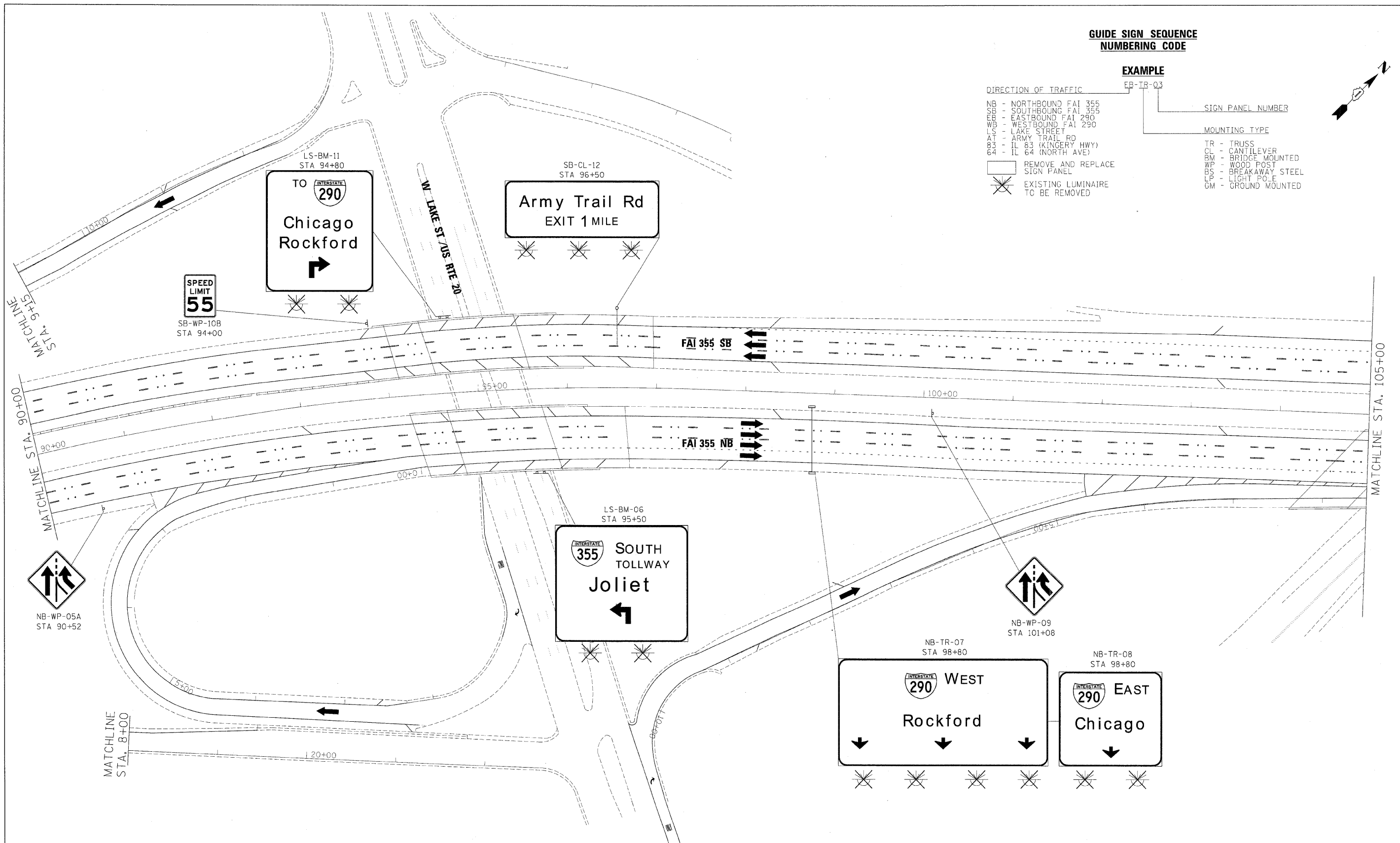
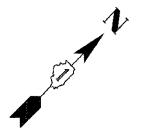
REMOVE AND REPLACE SIGN PANEL

EXISTING LUMINAIRE TO BE REMOVED

SIGN PANEL NUMBER

MOUNTING TYPE

- TR - TRUSS
- CL - CANTILEVER
- BM - BRIDGE MOUNTED
- WP - WOOD POST
- BS - BREAKAWAY STEEL
- LP - LIGHT POLE
- GM - GROUND MOUNTED



FILE NAME =	DESIGNED - AJP	REVISED -
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USER NAME = jmajevski	CHECKED - JMM	REVISED -
PLDT DATE = 12/16/2009	DATE - 10/16/09	REVISED -

benesch

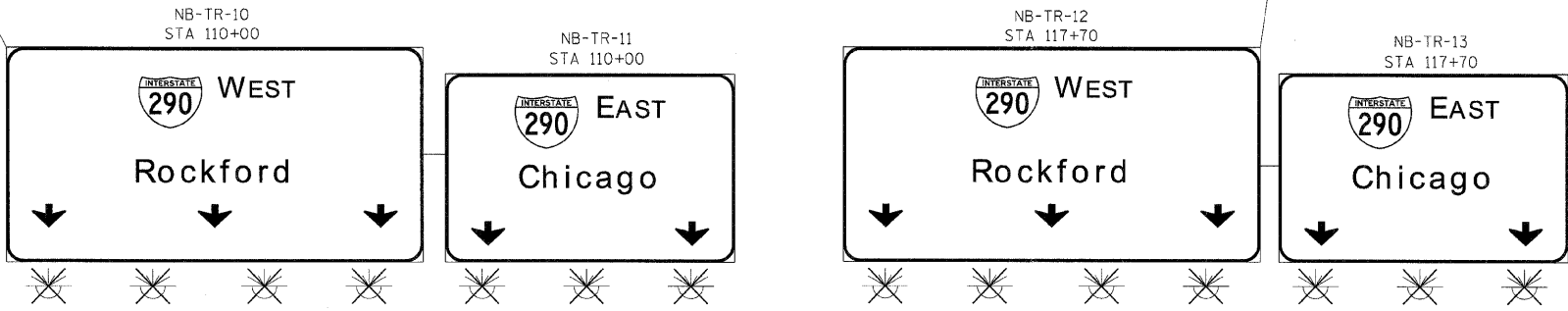
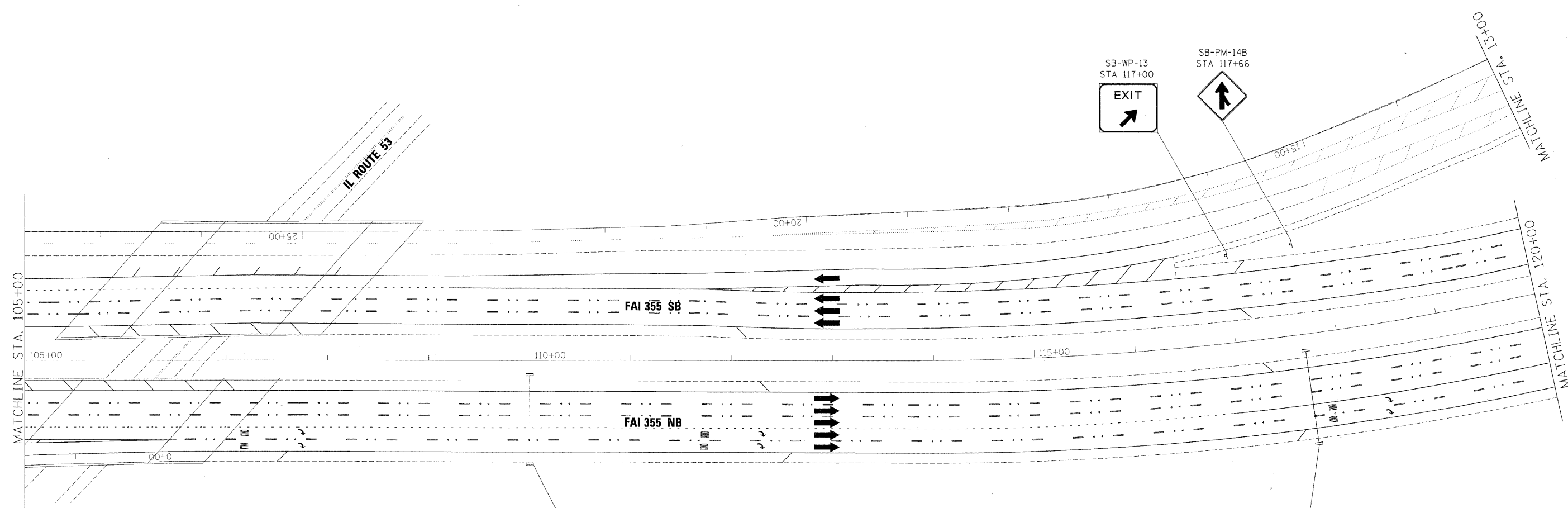
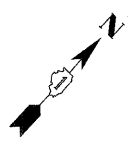
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN
I-355 STA 90+00 TO STA 105+00

SCALE: 1"=50' SHEET NO. 5 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*290,355	22(, 1-1, 2&3RS-7	DUPAGE	661	555
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 60G51



**GUIDE SIGN SEQUENCE
NUMBERING CODE**

- EXAMPLE**
EB-TR-03
- | | |
|----------------------------------|----------------------|
| DIRECTION OF TRAFFIC | SIGN PANEL NUMBER |
| NB - NORTHBOUND FAI 355 | |
| SB - SOUTHBOUND FAI 355 | |
| EB - EASTBOUND FAI 290 | |
| WB - WESTBOUND FAI 290 | |
| LS - LAKE STREET | |
| AT - ARMY TRAIL RD | |
| 83 - IL 83 (KINGERY HWY) | |
| 64 - IL 64 (NORTH AVE) | |
| REMOVE AND REPLACE SIGN PANEL | MOUNTING TYPE |
| EXISTING LUMINAIRE TO BE REMOVED | TR - TRUSS |
| | CL - CANTILEVER |
| | BM - BRIDGE MOUNTED |
| | WP - WOOD POST |
| | BS - BREAKAWAY STEEL |
| | LP - LIGHT POLE |
| | GM - GROUND MOUNTED |

FILE NAME =	DESIGNED - AJP	REVISED -
USER NAME = jmojewski	DRAWN - TMB	REVISED -
PLOT DATE = 12/16/2009	CHECKED - JMM	REVISED -
	DATE - 10/16/09	REVISED -

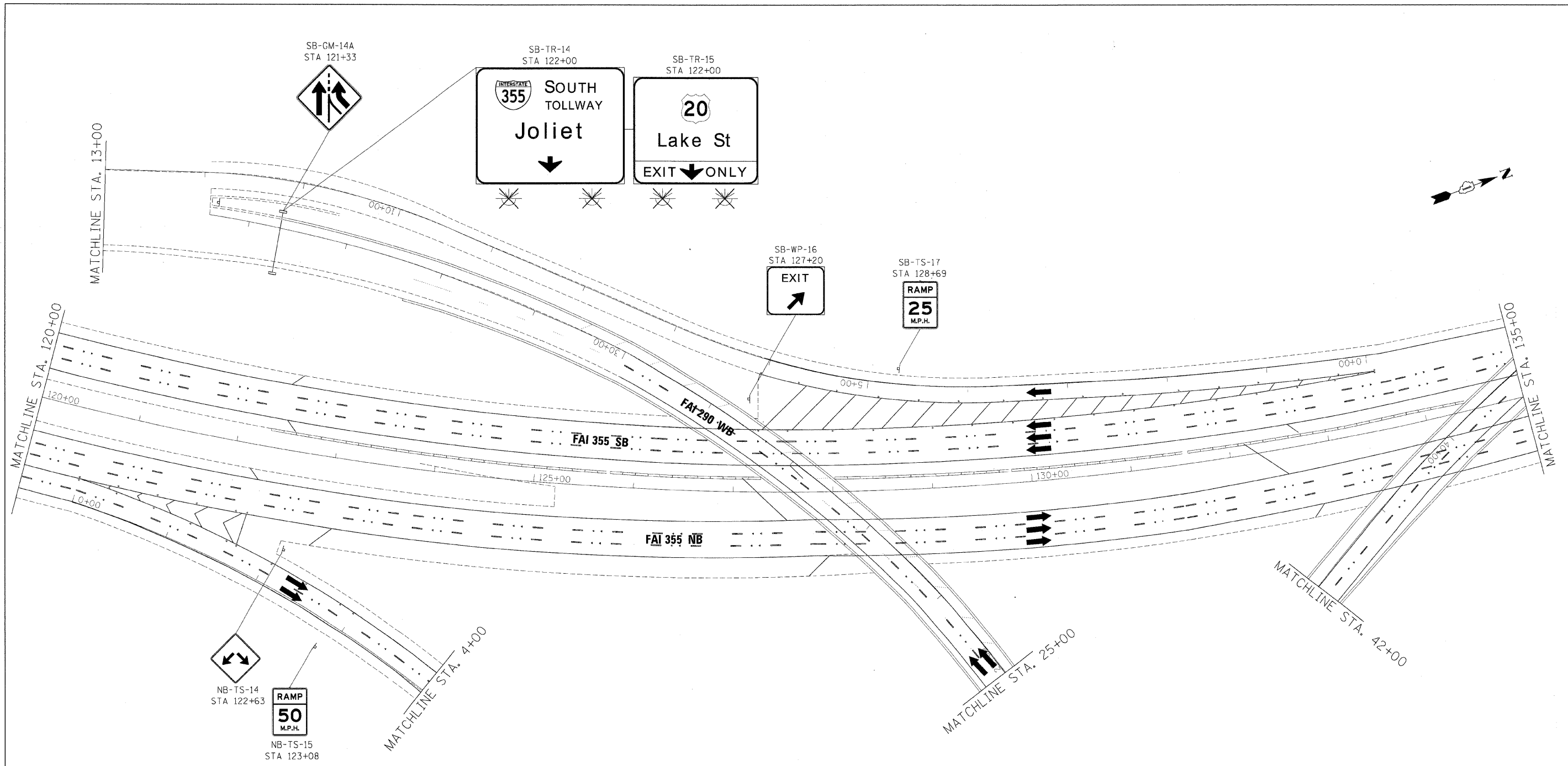
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN
I-355 STA 105+00 TO STA 120+00

SCALE: 1"=50' SHEET NO. 6 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290,355	2201, 1-1, 2&3RS-7	DUPAGE	661	556
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60651	



**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE

- DIRECTION OF TRAFFIC
- NB - NORTHBOUND FAI 355
 - SB - SOUTHBOUND FAI 355
 - EB - EASTBOUND FAI 290
 - WB - WESTBOUND FAI 290
 - LS - LAKE STREET
 - AT - ARMY TRAIL RD
 - 83 - IL 83 (KINGERY HWY)
 - 64 - IL 64 (NORTH AVE)
- REMOVE AND REPLACE SIGN PANEL
- EXISTING LUMINAIRE TO BE REMOVED
- SIGN PANEL NUMBER
- MOUNTING TYPE
- TR - TRUSS
 - CL - CANTILEVER
 - BM - BRIDGE MOUNTED
 - WP - WOOD POST
 - BS - BREAKAWAY STEEL
 - LP - LIGHT POLE
 - GM - GROUND MOUNTED

FILE NAME =	DESIGNED - AJP	REVISED -
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PLOT DATE = 12/16/2009	DATE - 10/16/09	REVISED -

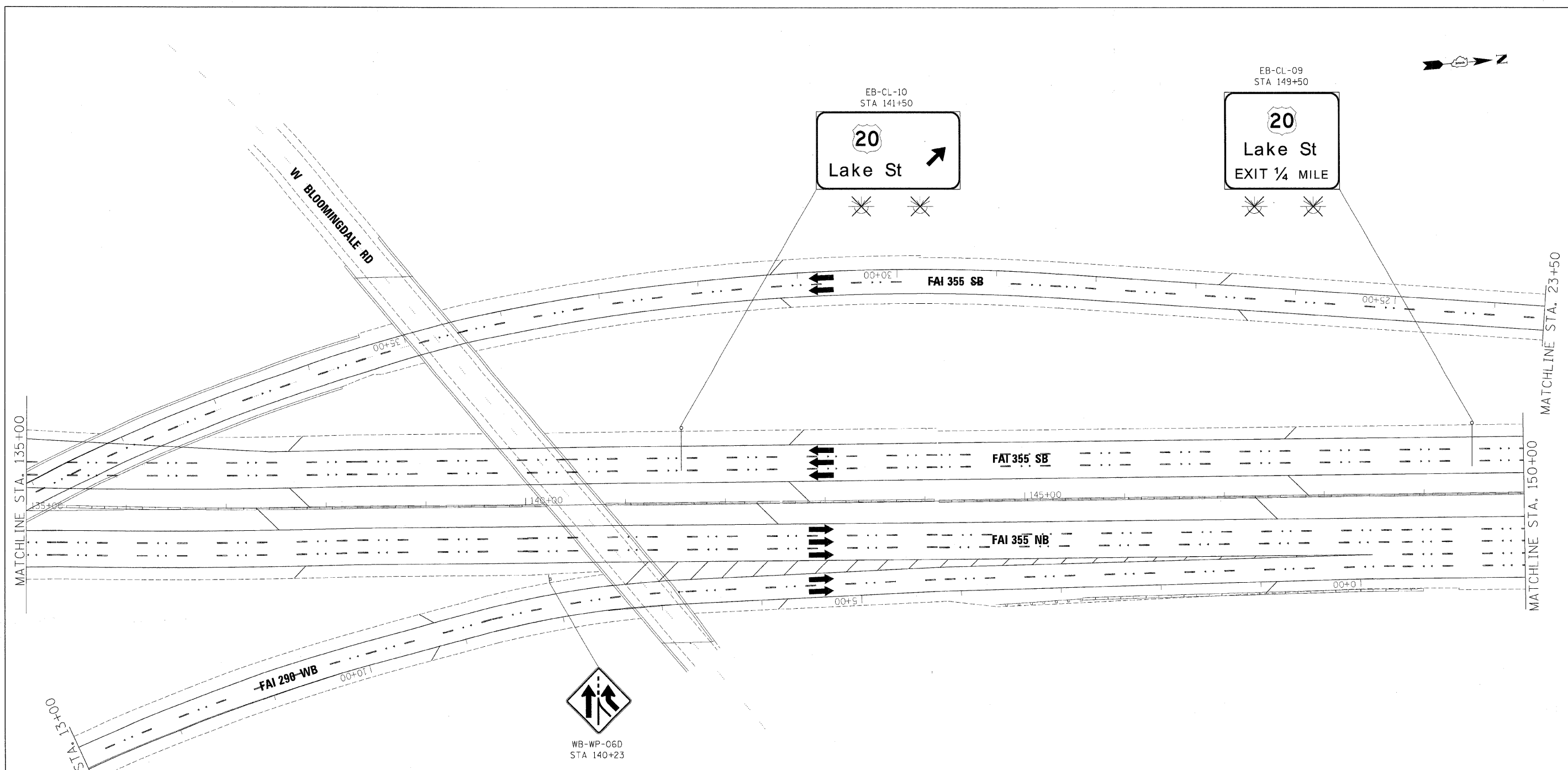
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN
I-355 STA 120+00 TO STA 135+00

SCALE: 1"=50' SHEET NO. 7 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNT	TOTAL SHEETS	SHEET NO.
290,355	22(, 1-1, 2&3RS-7	DUPAGE	661	557
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 60G51		



**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE
EB-TR-03

DIRECTION OF TRAFFIC

NB - NORTHBOUND FAI 355
 SB - SOUTHBOUND FAI 355
 EB - EASTBOUND FAI 290
 WB - WESTBOUND FAI 290
 LS - LAKE STREET
 AT - ARMY TRAIL RD
 83 - IL 83 (KINGERY HWY)
 64 - IL 64 (NORTH AVE)

SIGN PANEL NUMBER

MOUNTING TYPE

TR - TRUSS
 CL - CANTILEVER
 BM - BRIDGE MOUNTED
 WP - WOOD POST
 BS - BREAKAWAY STEEL
 LP - LIGHT POLE
 GM - GROUND MOUNTED

REMOVE AND REPLACE SIGN PANEL

EXISTING LUMINAIRE TO BE REMOVED

FILE NAME =	DESIGNED - AJP	REVISED -
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PLOT DATE = 12/16/2009	DATE - 10/16/09	REVISED -

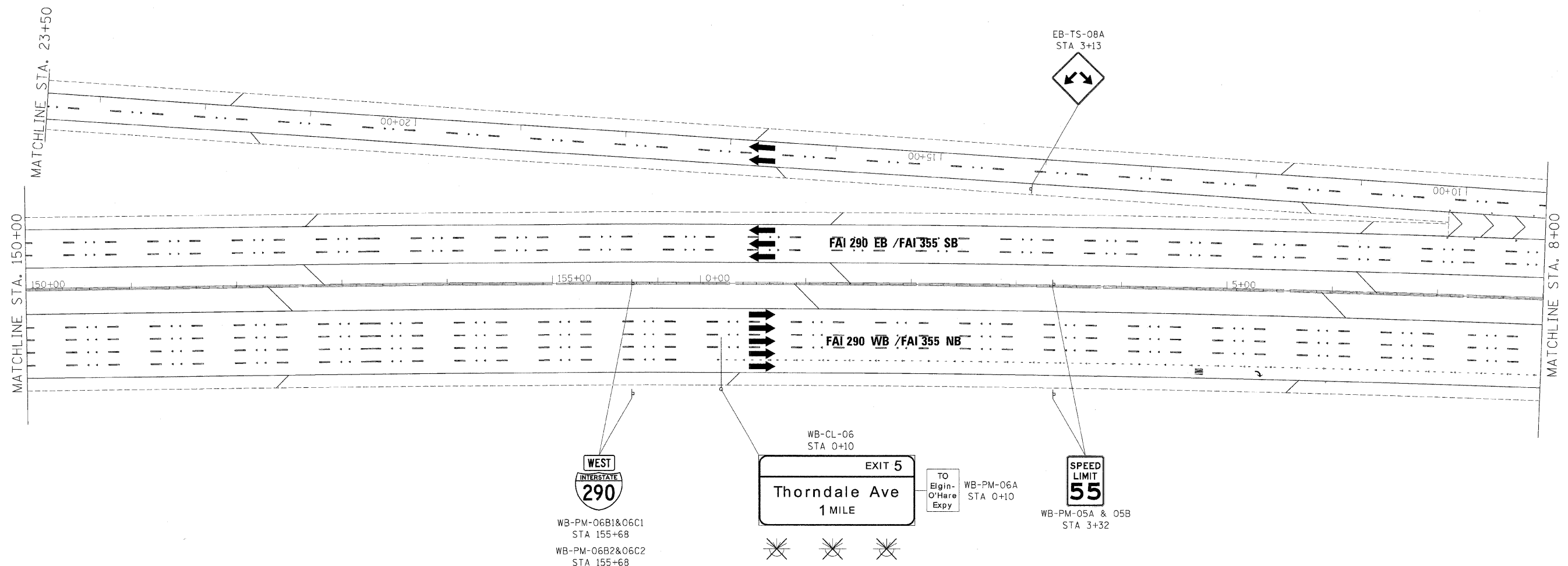
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN
I-355 STA 135+00 TO STA 150+00

SCALE: 1"=50' SHEET NO. 8 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	221, 1-1, 2&3RS-7	DUPAGE	661	558
*290,355		CONTRACT NO. 60G51		
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE
EB-TR-03

DIRECTION OF TRAFFIC

NB - NORTHBOUND FAI 355
SB - SOUTHBOUND FAI 355
EB - EASTBOUND FAI 290
WB - WESTBOUND FAI 290
LS - LAKE STREET
AT - ARMY TRAIL RD
83 - IL 83 (KINGERY HWY)
64 - IL 64 (NORTH AVE)

REMOVE AND REPLACE SIGN PANEL
EXISTING LUMINAIRE TO BE REMOVED

SIGN PANEL NUMBER

MOUNTING TYPE

TR - TRUSS
CL - CANTILEVER
BM - BRIDGE MOUNTED
WP - WOOD POST
BS - BREAKAWAY STEEL
LP - LIGHT POLE
GM - GROUND MOUNTED

FILE NAME =	DESIGNED - AJP	REVISED -
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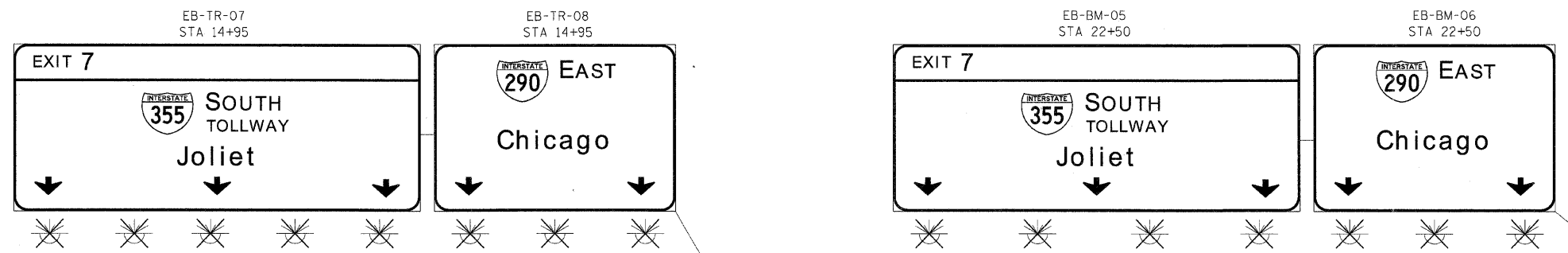
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN
I-290 / I-355 STA 150+00 TO STA 8+00

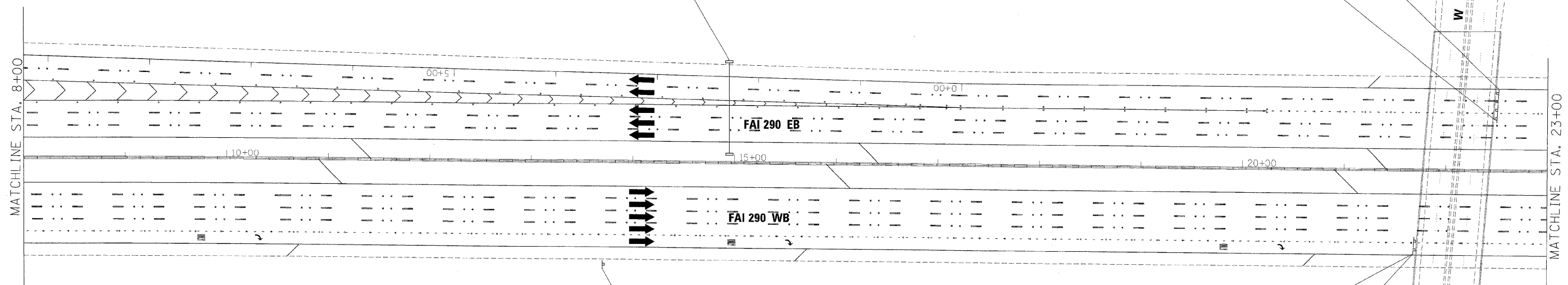
SCALE: 1"=50' SHEET NO. 9 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 290, 355	22(1, 1-1, 28,3)RS-7	DUPAGE	661	559
CONTRACT NO. 60651				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



EB-BM-06A
STA 22+50
Irving Park Rd

W IRVING PARK RD

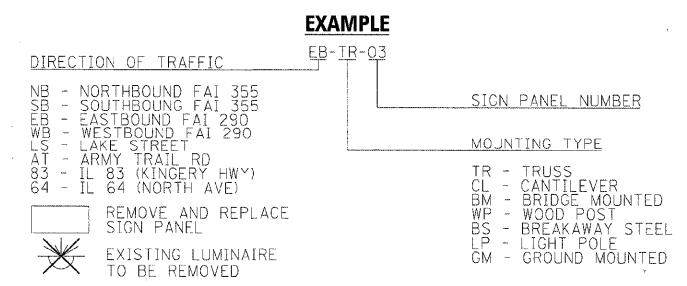


TO Elgin-O'Hare
Expressway
EXIT 5
WB-GM-05
STA 13+60

WB-BM-04
STA 21+70
EXIT 5
Thorndale Ave
1/2 MILE
EXIT ↓ ONLY

Irving Park Rd
WB-BM-04A
STA 21+70

**GUIDE SIGN SEQUENCE
NUMBERING CODE**



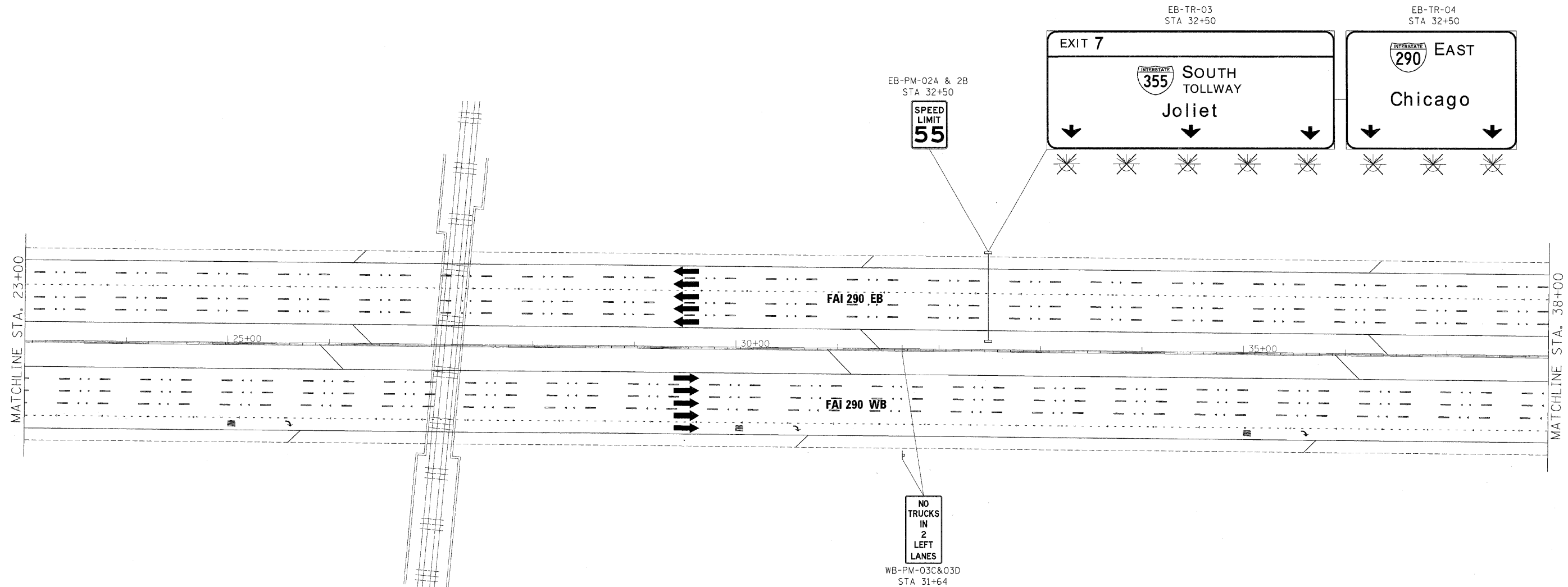
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USER NAME = jnojosek	CHECKED - JMM	REVISED -
PLOT DATE = 12/16/2009	DATE - 10/16/09	REVISED -

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN		
I-290 STA 8+00 TO STA 23+00		
SCALE: 1"=50'	SHEET NO. 10 OF 32 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*290,355	22(1, 1-1, 28,3)RS-7	DUPAGE	661	560
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60G51	



**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE

DIRECTION OF TRAFFIC	EB-TR-03	SIGN PANEL NUMBER	
NB - NORTHBOUND FAI 355		MOUNTING TYPE	TR - TRUSS
SB - SOUTHBOUND FAI 355			CL - CANTILEVER
EB - EASTBOUND FAI 290			BM - BRIDGE MOUNTED
WB - WESTBOUND FAI 290			WP - WOOD POST
LS - LAKE STREET			BS - BREAKAWAY STEEL
AT - ARMY TRAIL RD			LP - LIGHT POLE
83 - IL 83 (KINGERY HWY)			GM - GROUND MOUNTED
64 - IL 64 (NORTH AVE)			
REMOVE AND REPLACE SIGN PANEL			
EXISTING LUMINAIRE TO BE REMOVED			

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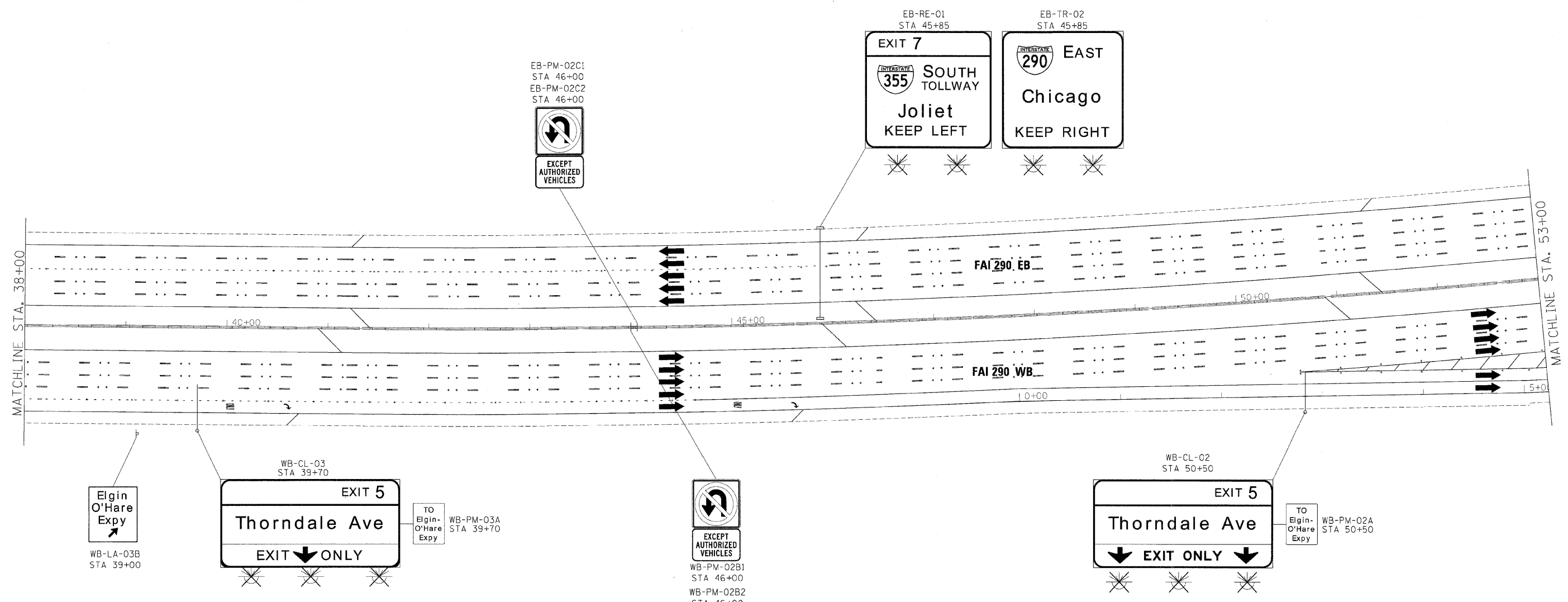
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
I-290 STA 23+00 TO STA 38+00**

SCALE: 1"=50' SHEET NO. 11 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
* 290, 355	220, 1-1, 28, 31RS-7	DUPAGE	661	561
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60G51		



**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE

DIRECTION OF TRAFFIC	EB-TR-03	SIGN PANEL NUMBER
NB - NORTHBOUND FAI 355		
SB - SOUTHBOUND FAI 355		
EB - EASTBOUND FAI 290		
WB - WESTBOUND FAI 290		
LS - LAKE STREET		
AT - ARMY TRAIL RD		
83 - IL 83 (KINGERY HWY)		
64 - IL 64 (NORTH AVE)		
REMOVE AND REPLACE SIGN PANEL		MOUNTING TYPE
EXISTING LUMINAIRE TO BE REMOVED		TR - TRUSS
		CL - CANTILEVER
		BM - BRIDGE MOUNTED
		WP - WOOD POST
		BS - BREAKAWAY STEEL
		LP - LIGHT POLE
		GM - GROUND MOUNTED

FILE NAME =	DESIGNED - AJJ	REVISED -
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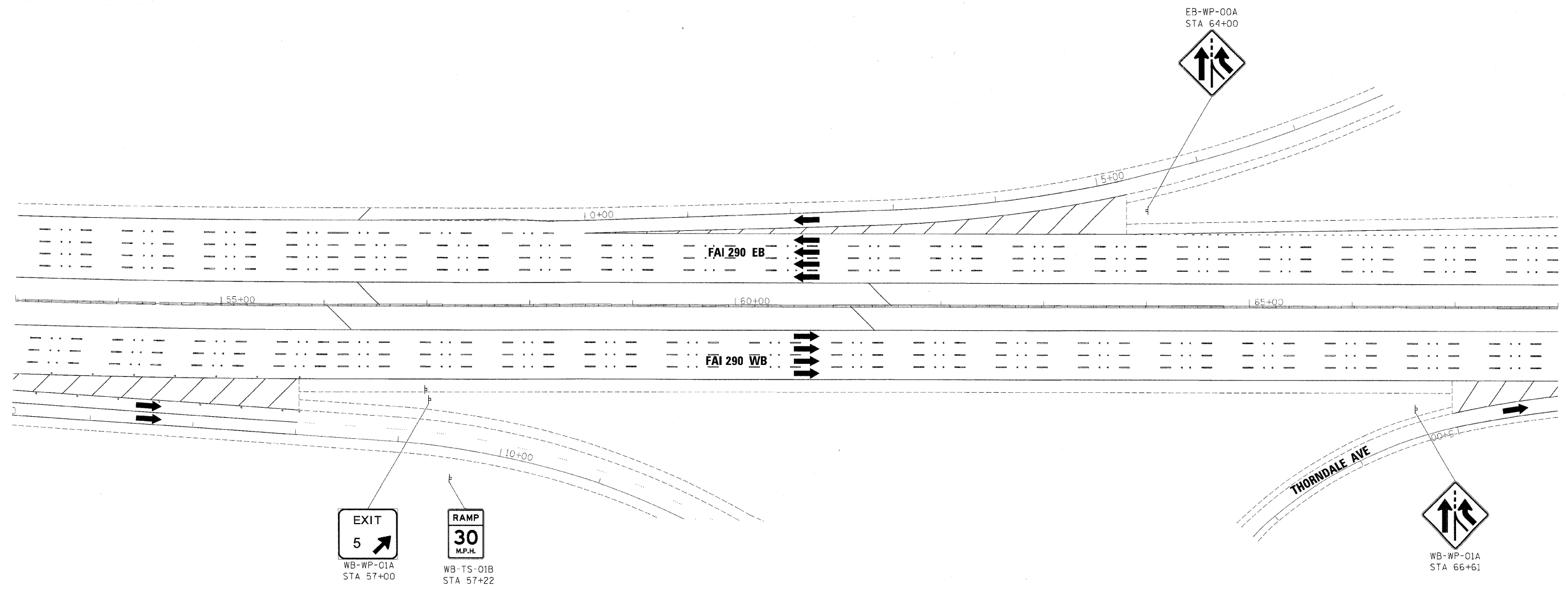
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

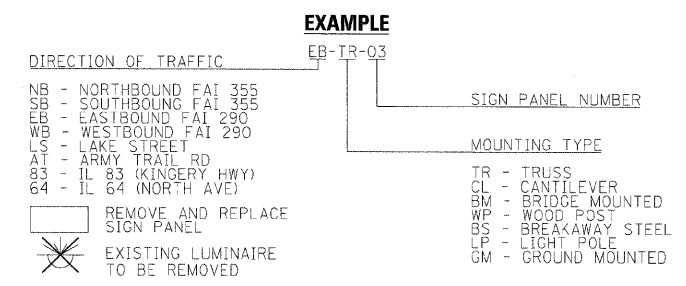
**SIGNING PLAN
I-290 STA 38+00 TO STA 53+00**

SCALE: 1"=50' SHEET NO. 12 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*290,355	22(1, 1-1, 2&3)RS-7	DUPAGE	661	562
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60G51		



**GUIDE SIGN SEQUENCE
NUMBERING CODE**



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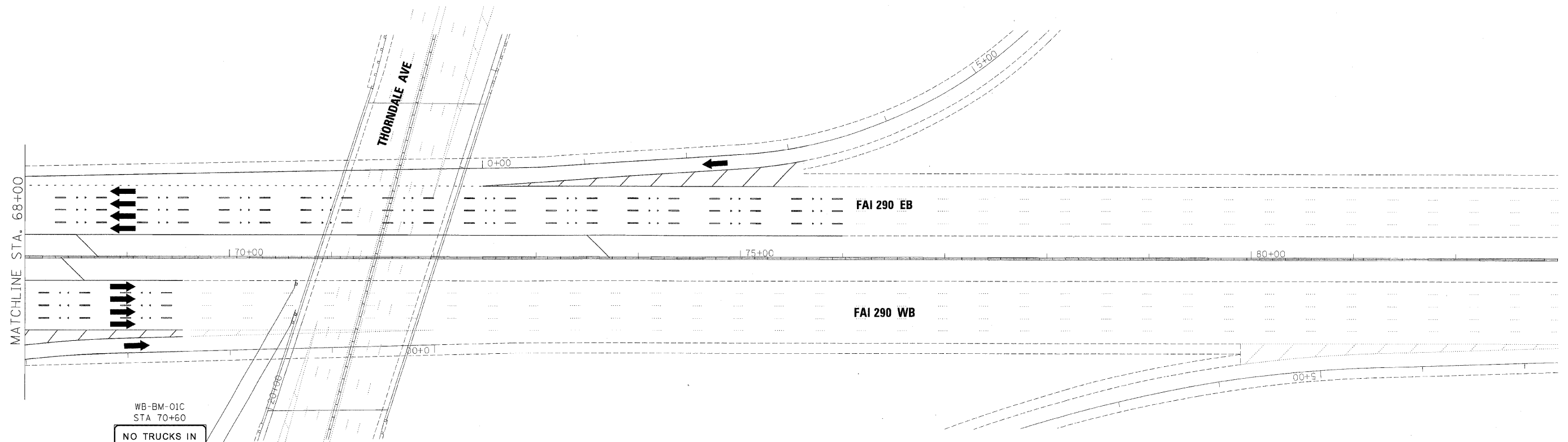
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
I-290 STA 53+00 TO STA 68+00**

SCALE: 1"=50' SHEET NO. 13 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 290,355	22(1, 1-1, 28,3)RS-7	DUPAGE	661	563
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60G51		



WB-BM-01C
STA 70+60
**NO TRUCKS IN
2 LEFT LANES**

WB-BM-01
STA 70+60

EXIT 4
TO **ILLINOIS 53** SOUTH
Biesterfield Rd
1 MILE



**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE
EB-TR-03

DIRECTION OF TRAFFIC: EB

SIGN PANEL NUMBER: TR-03

MOUNTING TYPE: TR

NB - NORTHBOUND FAI 355
 SB - SOUTHBOUND FAI 355
 EB - EASTBOUND FAI 290
 WB - WESTBOUND FAI 290
 LS - LAKE STREET
 AT - ARMY TRAIL RD
 83 - IL 83 (KINGERY HWY)
 64 - IL 64 (NORTH AVE)

REMOVE AND REPLACE SIGN PANEL
 EXISTING LUMINAIRE TO BE REMOVED

TR - TRUSS
 CL - CANTILEVER
 BM - BRIDGE MOUNTED
 WP - WOOD POST
 BS - BREAKAWAY STEEL
 LP - LIGHT POLE
 GM - GROUND MOUNTED

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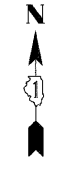
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN
I-290 STA 68+00 TO STA 83+00

SCALE: 1"=50' SHEET NO. 14 OF 32 SHEETS STA. TO STA.



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290,355	22(1, 1-1, 2&3)RS-7	DUPAGE	661	564
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60G51		



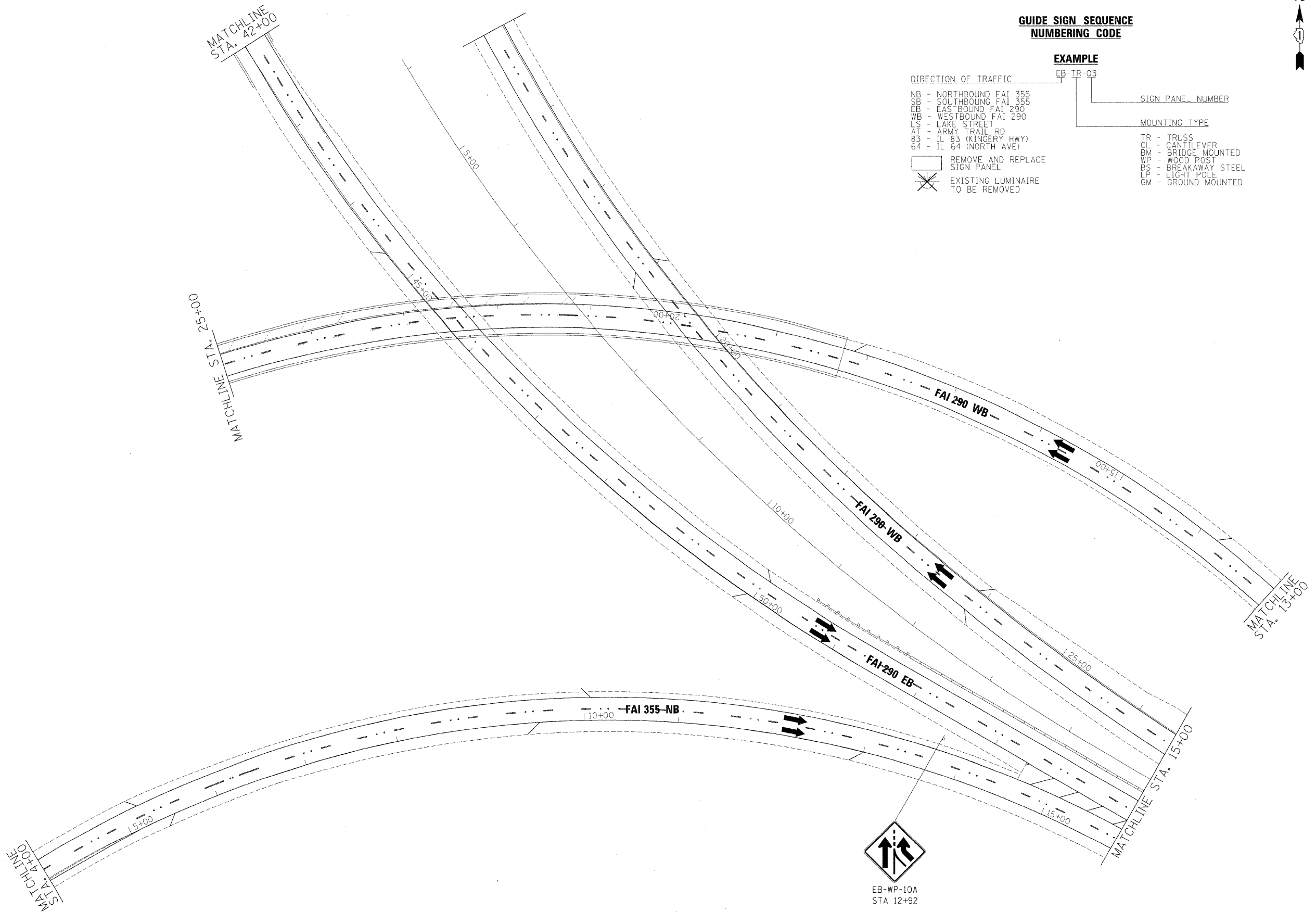
**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE
 DIRECTION OF TRAFFIC: EB-TR-03
 SIGN PANEL NUMBER: _____
 MOUNTING TYPE: _____

NB - NORTHBOUND FAI 355
 SB - SOUTHBOUND FAI 355
 EB - EASTBOUND FAI 290
 WB - WESTBOUND FAI 290
 LS - LAKE STREET
 AT - ARMY TRAIL RD
 83 - IL 83 (KINGERY HWY)
 64 - IL 64 (NORTH AVE)

 REMOVE AND REPLACE SIGN PANEL
 EXISTING LUMINAIRE TO BE REMOVED

TR - TRUSS
 CL - CANTILEVER
 BM - BRIDGE MOUNTED
 WP - WOOD POST
 BS - BREAKAWAY STEEL
 LP - LIGHT POLE
 GM - GROUND MOUNTED



FILE NAME =	DESIGNED - AJP	REVISED -
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PLOT DATE = 12/16/2009	DATE - 10/16/09	REVISED -

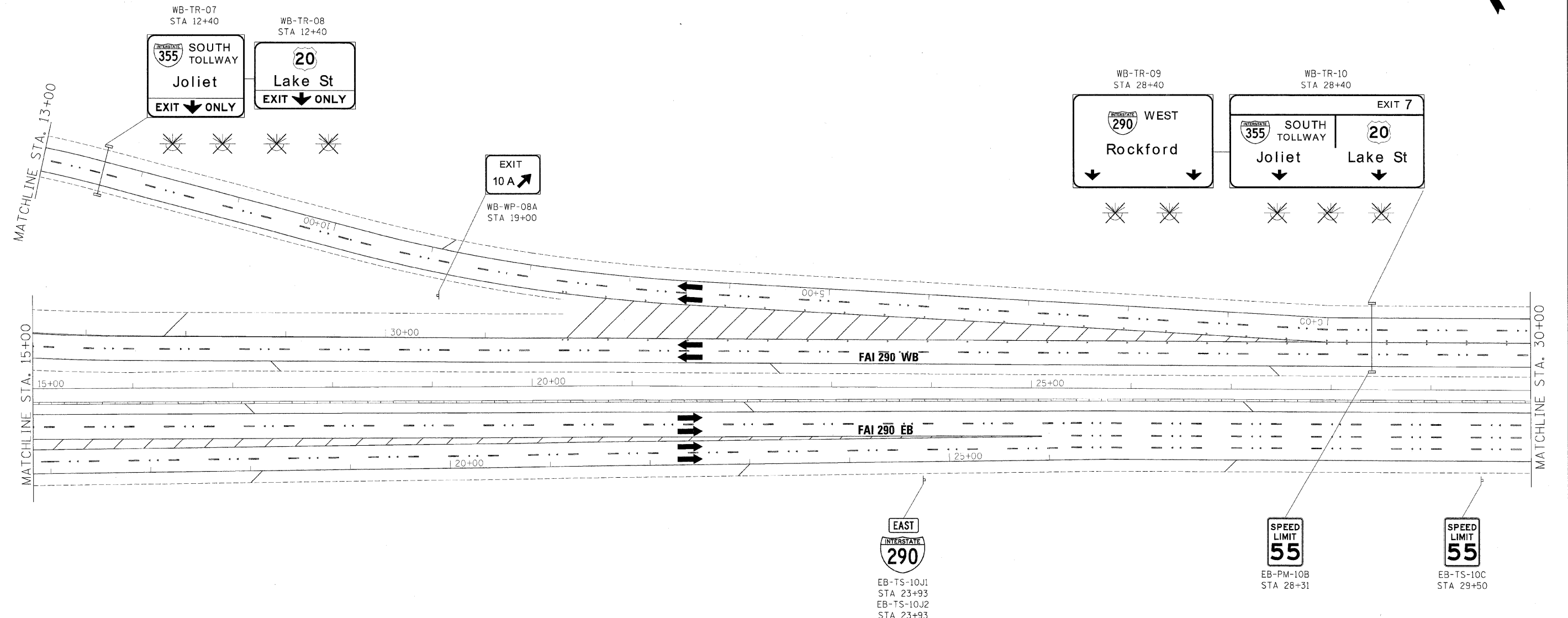
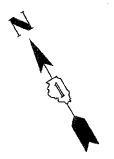
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
I-290 / I-355 RAMPS**

SCALE: 1"=50' SHEET NO. 15 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	22(1, 1-1, 2&3)RS-7	DUPAGE	661	565
*290,355		CONTRACT NO.	60051	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



**GUIDE SIGN SEQUENCE
NUMBERING CODE**

- EXAMPLE**
EB-TR-03
- DIRECTION OF TRAFFIC
 - NB - NORTHBOUND FAI 355
 - SB - SOUTHBOUND FAI 355
 - EB - EASTBOUND FAI 290
 - WB - WESTBOUND FAI 290
 - LS - LAKE STREET
 - AT - ARMY TRAIL RD
 - 83 - IL 83 (KINGERY HWY)
 - 64 - IL 64 (NORTH AVE)
 - SIGN PANEL NUMBER
 - MOUNTING TYPE
 - TR - TRUSS
 - CL - CANTILEVER
 - BM - BRIDGE MOUNTED
 - WP - WOOD POST
 - BS - BREAKAWAY STEEL
 - LP - LIGHT POLE
 - GM - GROUND MOUNTED
- REMOVE AND REPLACE SIGN PANEL
✱ EXISTING LUMINAIRE TO BE REMOVED

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PLOT DATE = 12/16/2009	CHECKED - JMM	REVISED -
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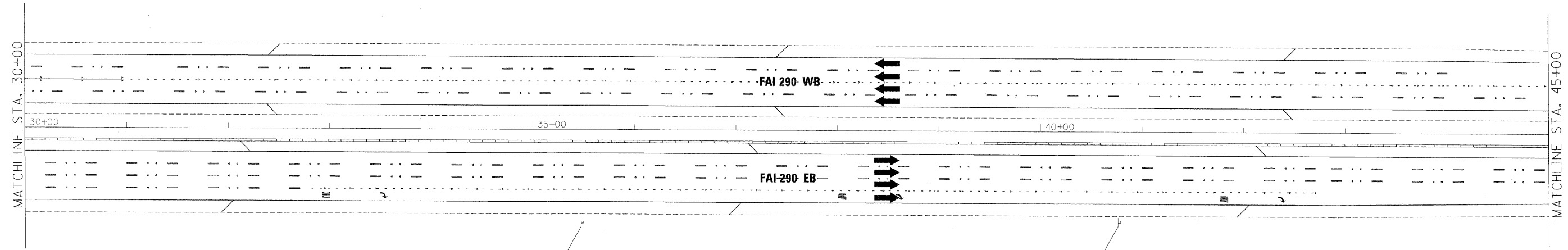
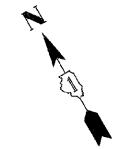
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN
I-290 STA 15+00 TO STA 30+00

SCALE: 1"=50' SHEET NO. 16 OF 32 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*290,355	220, 1-1, 2&3/RS-7	DUPAGE	661	566
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60651	



EB-PM-10D
STA 35+48



EB-TS-10E
STA 40+76

**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE
EB-TR-03

DIRECTION OF TRAFFIC

NB - NORTHBOUND FAI 355
SB - SOUTHBOUND FAI 355
EB - EASTBOUND FAI 290
WB - WESTBOUND FAI 290
LS - LAKE STREET
AT - ARMY TRAIL RD
83 - IL 83 (KINGERY HWY)
64 - IL 64 (NORTH AVE)

SIGN PANEL NUMBER

MOUNTING TYPE

TR - TRUSS
CL - CANTILEVER
BM - BRIDGE MOUNTED
WP - WOOD POST
BS - BREAKAWAY STEEL
LP - LIGHT POLE
GM - GROUND MOUNTED

REMOVE AND REPLACE SIGN PANEL

EXISTING LUMINAIRE TO BE REMOVED

FILE NAME =	DESIGNED - AJP	REVISED -
USER NAME = jmajeski	DRAWN - TMB	REVISED -
PLLOT DATE = 12/15/2009	CHECKED - JMM	REVISED -
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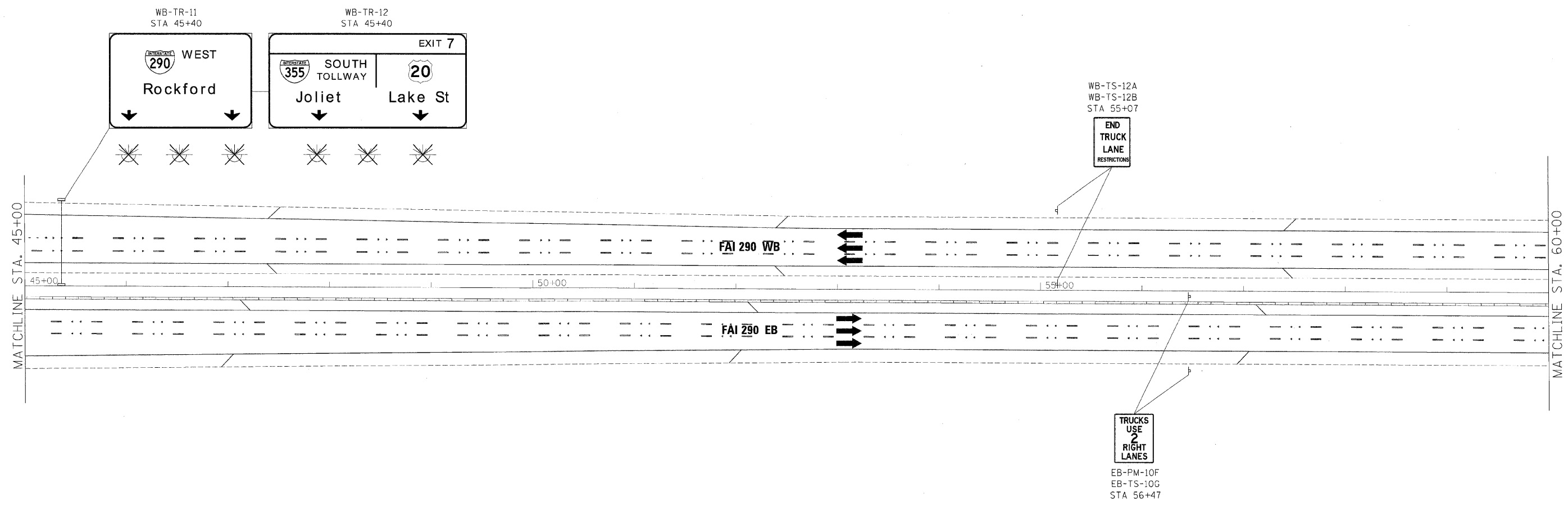
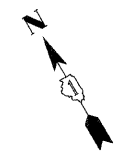
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
I-290 STA 30+00 TO STA 45+00**

SCALE: 1"=50' SHEET NO. 17 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
* 290,355	22(1, 1-1, 2&3)RS-7	DUPAGE	661	567
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60G51		



**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE
EB-TR-03

DIRECTION OF TRAFFIC

NB - NORTHBOUND FAI 355
SB - SOUTHBOUND FAI 355
EB - EASTBOUND FAI 290
WB - WESTBOUND FAI 290
LS - LAKE STREET
AT - ARMY TRAIL RD
83 - IL 83 (KINCERY HWY)
64 - IL 64 (NORTH AVE)

SIGN PANEL NUMBER

MOUNTING TYPE

TR - TRUSS
CL - CANTILEVER
BM - BRIDGE MOUNTED
WP - WOOD POST
BS - BREAKAWAY STEEL
LP - LIGHT POLE
GM - GROUND MOUNTED

REMOVE AND REPLACE SIGN PANEL

EXISTING LUMINAIRE TO BE REMOVED

FILE NAME =	DESIGNED - AJP	REVISED -
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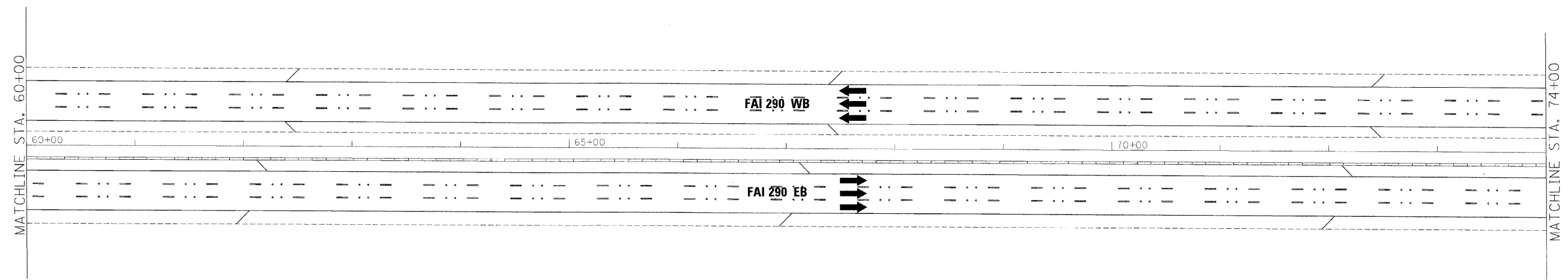
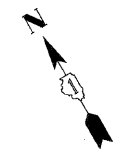
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
I-290 STA 45+00 TO STA 60+00**

SCALE: 1"=50' SHEET NO. 18 OF 32 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 290, 355	22(1, 1-1, 2&3)RS-7	DUPAGE	661	568
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60051	



**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE

DIRECTION OF TRAFFIC: EB-TR-03

SIGN PANEL NUMBER: [Symbol]

MOUNTING TYPE: [Symbol]

NB - NORTHBOUND FAI 355
 SB - SOUTHBOUND FAI 355
 EB - EASTBOUND FAI 290
 WB - WESTBOUND FAI 290
 LS - LAKE STREET
 AT - ARMY TRAIL RD
 83 - IL 83 (KINGERY HWY)
 64 - IL 64 (NORTH AVE)

[Symbol] REMOVE AND REPLACE SIGN PANEL
 [Symbol] EXISTING LUMINAIRE TO BE REMOVED

TR - TRUSS
 CL - CANTILEVER
 BM - BRIDGE MOUNTED
 WP - WOOD POST
 BS - BREAKAWAY STEEL
 LP - LIGHT POLE
 GM - GROUND MOUNTED

FILE NAME =	DESIGNED - AJP	REVISED -
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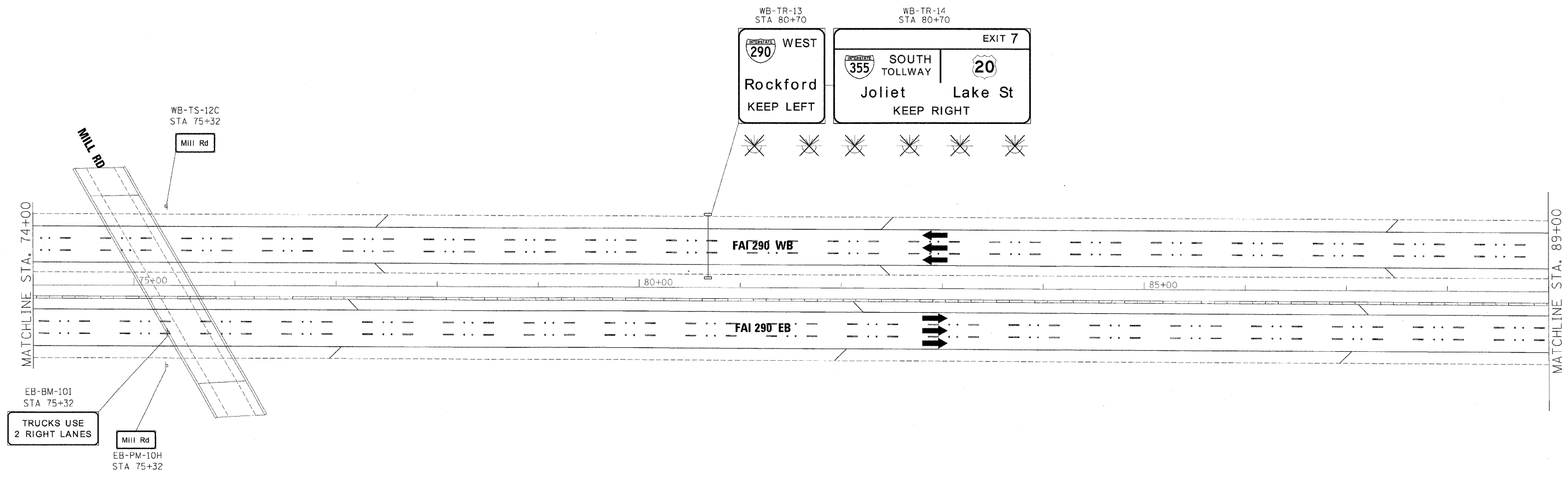
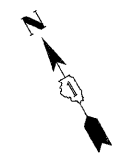
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN
I-290 STA 60+00 TO STA 74+00

SCALE: 1"=50' SHEET NO. 19 OF 32 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 290,355	22(1, 1-1, 2&3)RS-7	DUPAGE	661	569
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60G51	



**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE

DIRECTION OF TRAFFIC	EB-TR-03	SIGN PANEL NUMBER	
NB - NORTHBOUND FAI 355		MOUNTING TYPE	
SB - SOUTHBOUND FAI 355		TR - TRUSS	
EB - EASTBOUND FAI 290		CL - CANTILEVER	
WB - WESTBOUND FAI 290		BM - BRIDGE MOUNTED	
LS - LAKE STREET		WP - WOOD POST	
AI - ARMY TRAIL RD		BS - BREAKAWAY STEEL	
83 - IL 83 (KINGERY HWY)		LP - LIGHT POLE	
64 - IL 64 (NORTH AVE)		GM - GROUND MOUNTED	
REMOVE AND REPLACE SIGN PANEL			
EXISTING LUMINAIRE TO BE REMOVED			

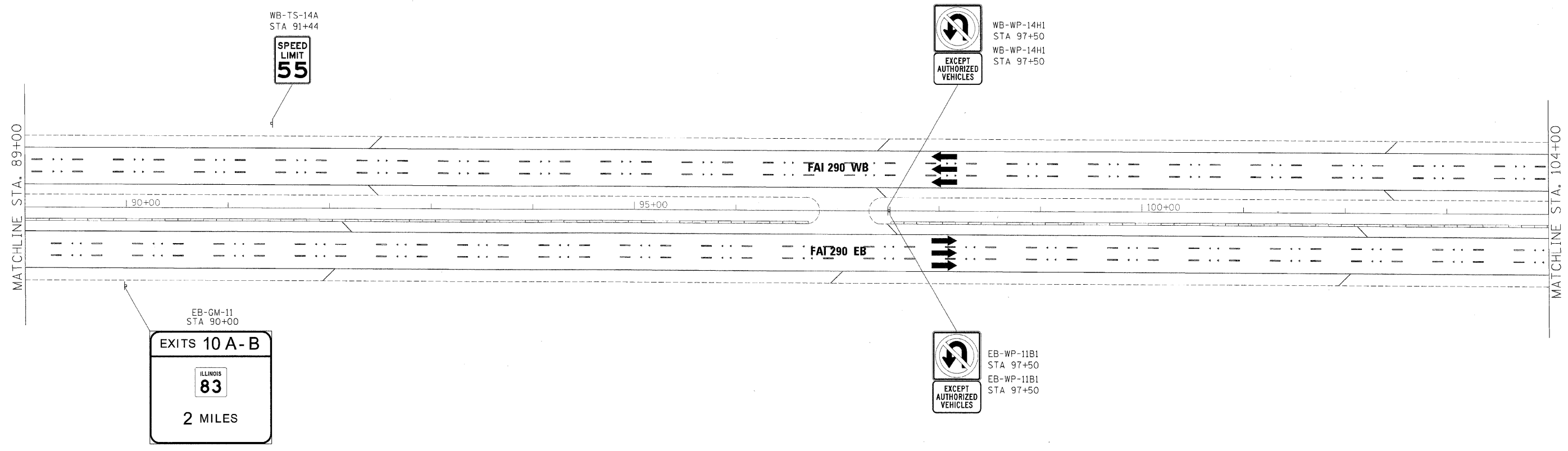
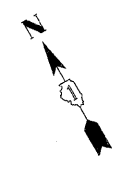
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PLOT DATE = 12/15/2009	DATE - 10/16/09	REVISED -

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN
I-290 STA 74+00 TO STA 89+00
SCALE: 1"=50' SHEET NO.20 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 290,355	22(1, 1-1, 2&3)RS-7	DUPAGE	661	570
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO.	60C51	



**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE

DIRECTION OF TRAFFIC: EB-TR-03

SIGN PANEL NUMBER

MOUNTING TYPE

NB - NORTHBOUND FAI 355
 SB - SOUTHBOUND FAI 355
 EB - EASTBOUND FAI 290
 WB - WESTBOUND FAI 290
 LS - LAKE STREET
 AT - ARMY TRAIL RD
 83 - IL 83 (KINGERY HWY)
 64 - IL 64 (NORTH AVE)

[] REMOVE AND REPLACE SIGN PANEL
 [X] EXISTING LUMINAIRE TO BE REMOVED

TR - TRUSS
 CL - CANTILEVER
 BM - BRIDGE MOUNTED
 WP - WOOD POST
 BS - BREAKAWAY STEEL
 LP - LIGHT POLE
 GM - GROUND MOUNTED

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PLDT DATE = 12/15/2009	DATE - 10/16/09	REVISED -

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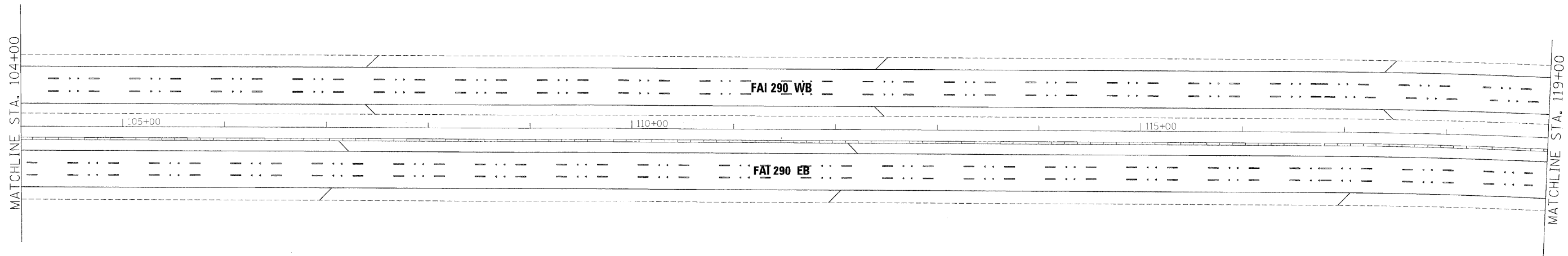
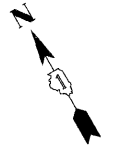
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN
I-290 STA 89+00 TO STA 104+00

SCALE: 1"=50' SHEET NO. 21 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290,355	22(1, 1-1, 2&3)RS-7	DUPAGE	661	571
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 60G51



**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE

- DIRECTION OF TRAFFIC
- NB - NORTHBOUND FAI 355
 - SB - SOUTHBOUND FAI 355
 - EB - EASTBOUND FAI 290
 - WB - WESTBOUND FAI 290
 - LS - LAKE STREET
 - AT - ARMY TRAIL RD
 - 83 - IL 83 (KINGERY HWY)
 - 64 - IL 64 (WORTH AVE)
- REMOVE AND REPLACE SIGN PANEL
- EXISTING LUMINAIRE TO BE REMOVED
- EB-TR-03
- SIGN PANEL NUMBER
- MOUNTING TYPE
- TR - TRUSS
 - CL - CANTILEVER
 - BM - BRIDGE MOUNTED
 - WP - WOOD POST
 - BS - BREAKAWAY STEEL
 - LP - LIGHT POLE
 - GM - GROUND MOUNTED

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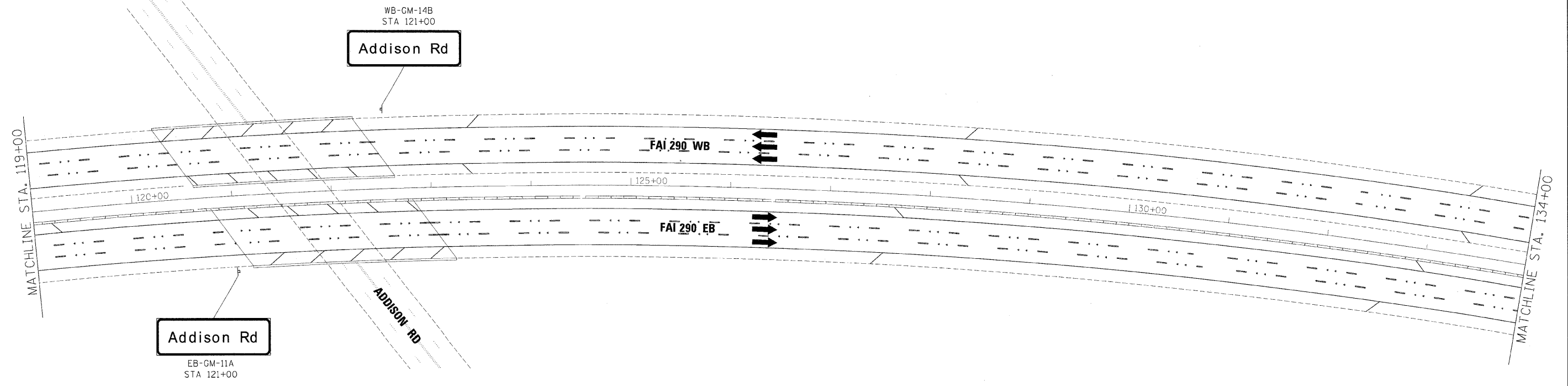
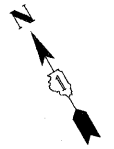
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN
I-290 STA 104+00 TO STA 119+00

SCALE: 1"=50' SHEET NO. 22 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*290,355	22(1, 1-1, 2&3)RS-7	DUPAGE	661	572
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT		CONTRACT NO. 60651		



**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE

- DIRECTION OF TRAFFIC
- NB - NORTHBOUND FAI 355
 - SB - SOUTHBOUND FAI 355
 - EB - EASTBOUND FAI 290
 - WB - WESTBOUND FAI 290
 - LS - LAKE STREET
 - AT - ARMY TRAIL RD
 - 83 - IL 83 (KINGERY HWY)
 - 64 - IL 64 (NORTH AVE)
- REMOVE AND REPLACE SIGN PANEL
- EXISTING LUMINAIRE TO BE REMOVED
- SIGN PANEL NUMBER
- MOUNTING TYPE
- TR - TRUSS
 - CL - CANTILEVER
 - BM - BRIDGE MOUNTED
 - WP - WOOD POST
 - BS - BREAKAWAY STEEL
 - LP - LIGHT POLE
 - GM - GROUND MOUNTED
- EXAMPLE: EB-TR-03

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benesch

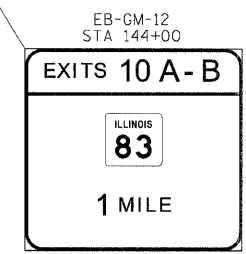
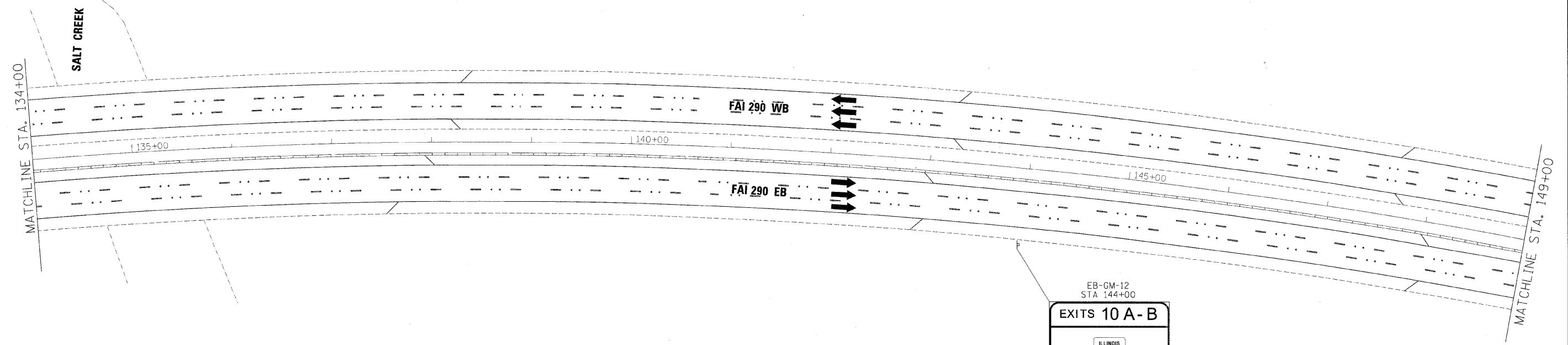
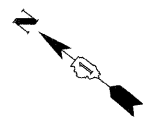
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN
I-290 STA 119+00 TO STA 134+00

SCALE: 1"=50' SHEET NO. 23 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•290,355	22(1, 1-1, 2&3)RS-7	DUPAGE	661	573
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 60G51



**GUIDE SIGN SEQUENCE
NUMBERING CODE**

- EXAMPLE**
- EB-IR-03
- DIRECTION OF TRAFFIC
- NB - NORTHBOUND FAI 355
 - SB - SOUTHBOUND FAI 355
 - EB - EASTBOUND FAI 290
 - WB - WESTBOUND FAI 290
 - LS - LAKE STREET
 - AT - ARMY TRAIL RD
 - 83 - IL 83 (KINGERY HWY)
 - 64 - IL 64 (NORTH AVE)
- REMOVE AND REPLACE SIGN PANEL
- EXISTING LUMINAIRE TO BE REMOVED
- SIGN PANEL NUMBER
- MOUNTING TYPE
- TR - TRUSS
 - CL - CANTILEVER
 - BM - BRIDGE MOUNTED
 - WP - WOOD POST
 - BS - BREAKAWAY STEEL
 - LP - LIGHT POLE
 - GM - GROUND MOUNTED

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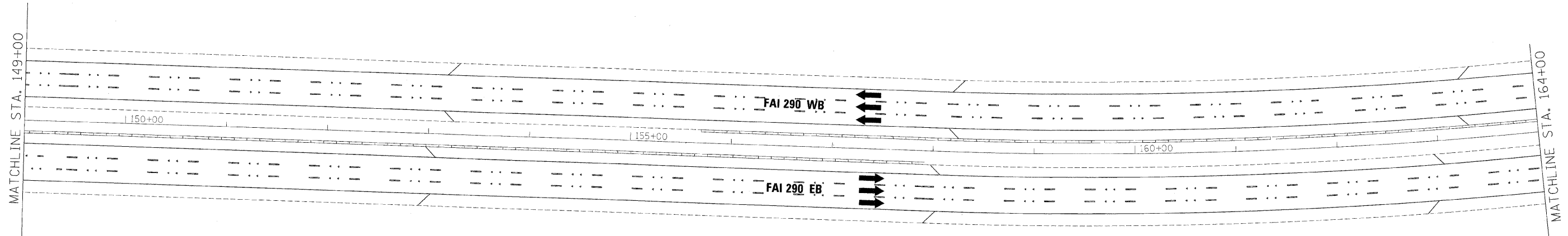
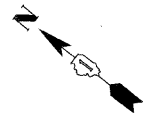
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SINGING PLAN
I-290 STA 134+00 TO STA 149+00**

SCALE: 1"=50' SHEET NO. 24 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	22(1, 1-1, 2&3)RS-7	DUPAGE	661	574
*290,355		CONTRACT NO. 60G51		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE
EB-TR-03

DIRECTION OF TRAFFIC: EB (Eastbound)

MOUNTING TYPE: TR (Truss)

SIGN PANEL NUMBER: 03

NB - NORTHBOUND FAI 355
 SB - SOUTHBOUND FAI 355
 EB - EASTBOUND FAI 290
 WB - WESTBOUND FAI 290
 LS - LAKE STREET
 AT - ARMY TRAIL RD
 83 - IL 83 (KINGERY HWY)
 64 - IL 64 (NORTH AVE)

REMOVE AND REPLACE SIGN PANEL
 EXISTING LUMINAIRE TO BE REMOVED

TR - TRUSS
 CL - CANTILEVER
 BM - BRIDGE MOUNTED
 WP - WOOD POST
 BS - BREAKAWAY STEEL
 LP - LIGHT POLE
 GM - GROUND MOUNTED

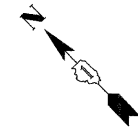
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PLOT DATE = 12/16/2009	DATE - 10/16/09	REVISED -

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN		
I-290 STA 149+00 TO STA 164+00		
SCALE: 1"=50'	SHEET NO. 25 OF 32 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*290,355	22(1, 1-1, 2&3)RS-7	DUPAGE	661	575
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60G51		



WB-PM-14D1
STA 178+85
WB-PM-14D2
STA 178+85

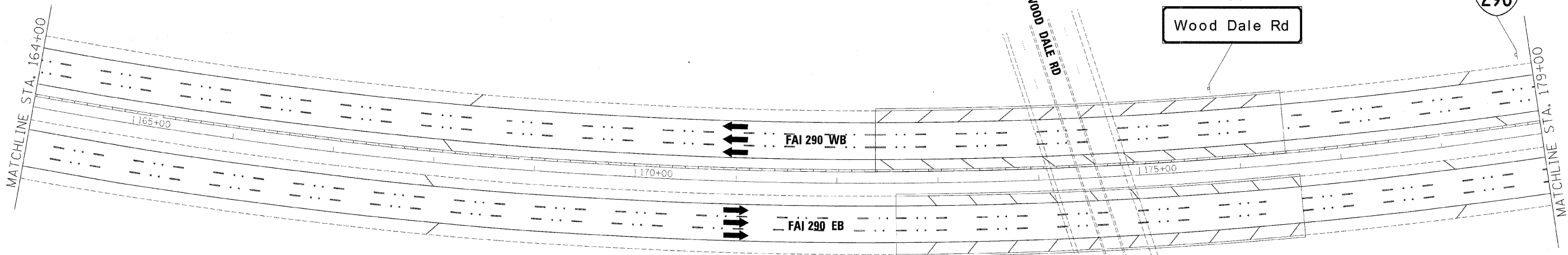


WB-CM-14C
STA 175+74

Wood Dale Rd

WOOD DALE RD

Wood Dale Rd
EB-CM-12A
STA 173+42



**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE
EB-TR-03

DIRECTION OF TRAFFIC

- NB - NORTHBOUND FAI 355
- SB - SOUTHBOUND FAI 355
- EB - EASTBOUND FAI 290
- WB - WESTBOUND FAI 290
- LS - LAKE STREET
- AT - ARMY TRAIL RD
- 83 - IL 83 (KINGERY HWY)
- 64 - IL 64 (NORTH AVE)

SIGN PANEL NUMBER

MOUNTING TYPE

- TR - TRUSS
- CL - CANTILEVER
- BM - BRIDGE MOUNTED
- WP - WOOD POST
- BS - BREAKAWAY STEEL
- LP - LIGHT POLE
- GM - GROUND MOUNTED

REMOVE AND REPLACE SIGN PANEL

EXISTING LUMINAIRE TO BE REMOVED

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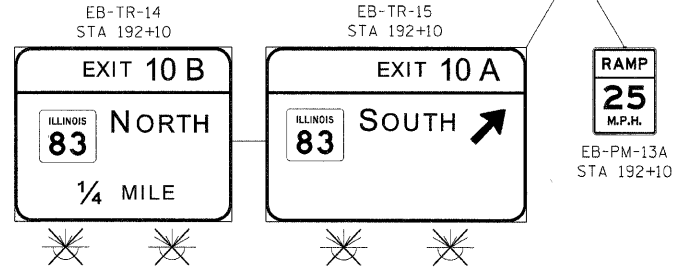
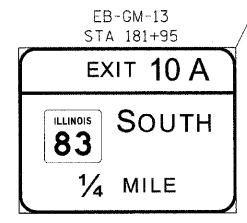
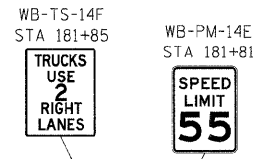
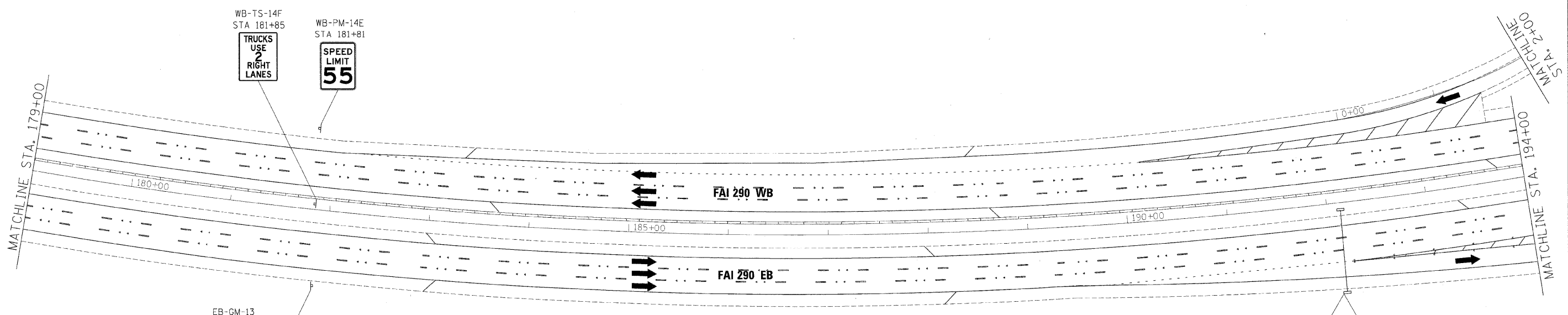
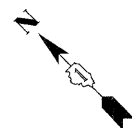
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN
I-290 STA 164+00 TO STA 179+00

SCALE: 1"=50' SHEET NO. 26 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	22(1, 1-1, 2&3)RS-7	DUPAGE	661	576
*290.355		CONTRACT NO. 60651		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



GUIDE SIGN SEQUENCE NUMBERING CODE

EXAMPLE EB-TR-03

DIRECTION OF TRAFFIC: NB - NORTHBOUND FAI 355, SB - SOUTHBOUND FAI 355, EB - EASTBOUND FAI 290, WB - WESTBOUND FAI 290, LS - LAKE STREET, AT - ARMY TRAIL RD, 83 - IL 83 (KINGERY HWY), 64 - IL 64 (NORTH AVE)

SIGN PANEL NUMBER: EB-TR-03

MOUNTING TYPE: TR - TRUSS, CL - CANTILEVER, BM - BRIDGE MOUNTED, WP - WOOD POST, BS - BREAKAWAY STEEL, LP - LIGHT POLE, GM - GROUND MOUNTED

REMOVE AND REPLACE SIGN PANEL: [Symbol]

EXISTING LUMINAIRE TO BE REMOVED: [Symbol]

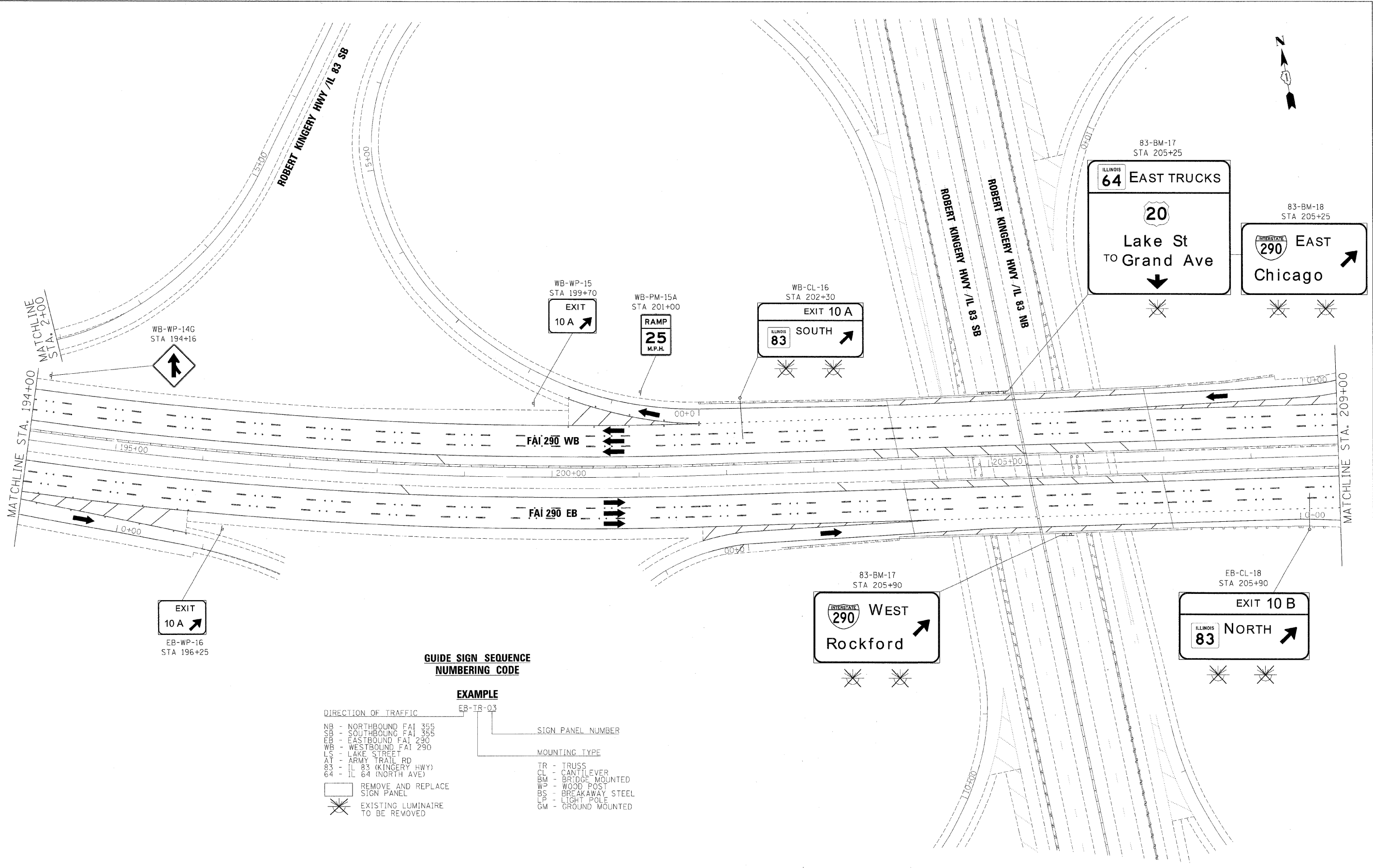
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PILOT DATE = 12/16/2009	DATE - 10/16/09	REVISED -

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN	
I-290 STA 179+00 TO STA 194+00	
SCALE: 1"=50'	SHEET NO. 27 OF 32 SHEETS
STA. _____	TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*290.355	220, 1-1, 28,31RS-7	DUPAGE	661	577
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 60G51				



**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE

- DIRECTION OF TRAFFIC
- NB - NORTHBOUND FAI 355
 - SB - SOUTHBOUND FAI 355
 - EB - EASTBOUND FAI 290
 - WB - WESTBOUND FAI 290
 - LS - LAKE STREET
 - AT - ARMY TRAIL RD
 - 83 - IL 83 (KINGERY HWY)
 - 64 - IL 64 (NORTH AVE)
- SIGN PANEL NUMBER
- MOUNTING TYPE
- TR - TRUSS
 - CL - CANTILEVER
 - BM - BRIDGE MOUNTED
 - WP - WOOD POST
 - BS - BREAKAWAY STEEL
 - LP - LIGHT POLE
 - GM - GROUND MOUNTED
- REMOVE AND REPLACE SIGN PANEL
- EXISTING LUMINAIRE TO BE REMOVED

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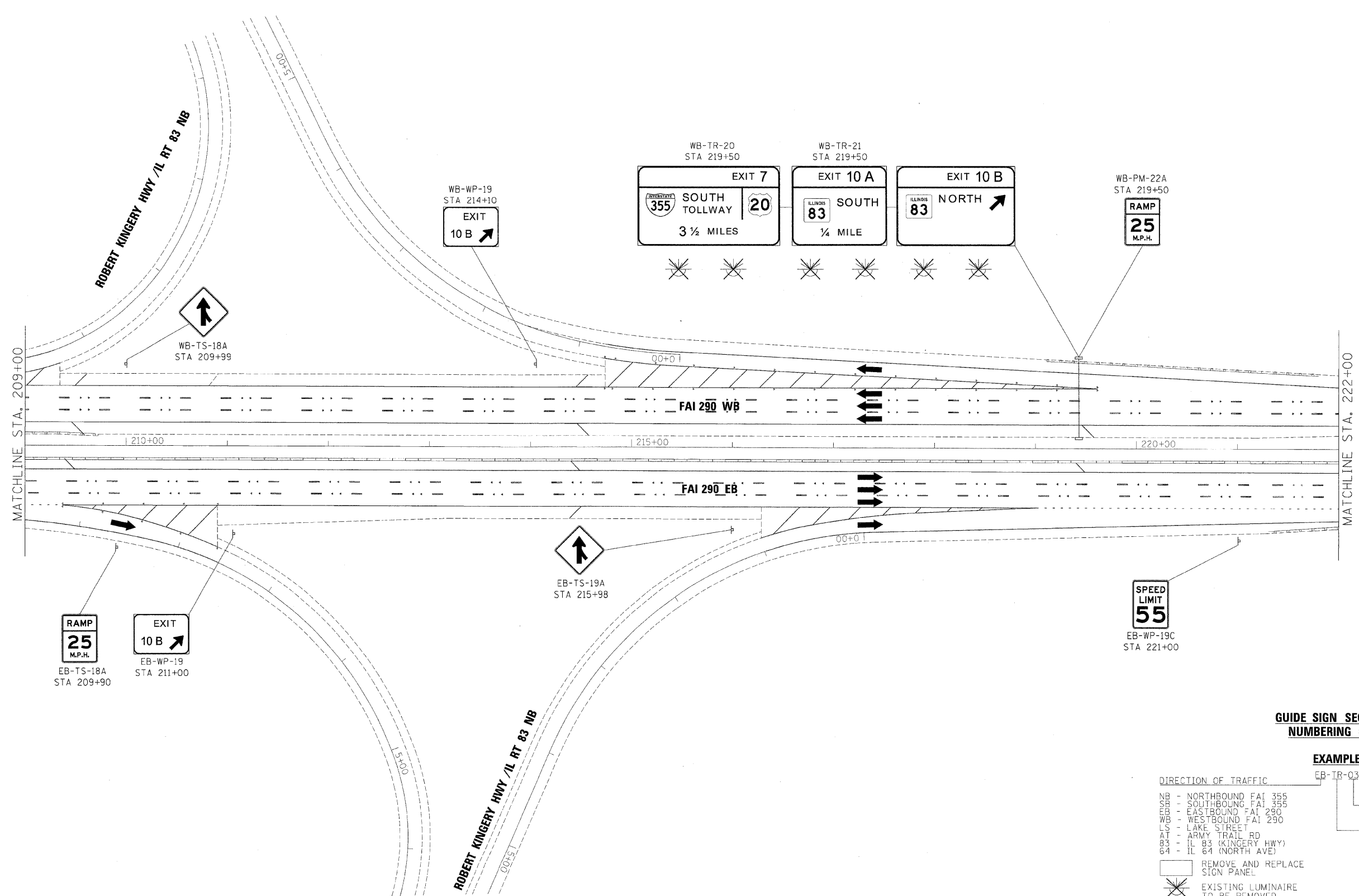
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
I-290 STA 194+00 TO STA 209+00**

SCALE: 1"=50' | SHEET NO. 28 OF 32 SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290, 355	220, 1-1, 28, 31RS-7	DUPAGE	661	578
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 60C51		



**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE

DIRECTION OF TRAFFIC	EB-TR-03	SIGN PANEL NUMBER
NB - NORTHBOUND FAI 355		
SB - SOUTHBOUND FAI 355		
EB - EASTBOUND FAI 290		
WB - WESTBOUND FAI 290		
LS - LAKE STREET		
AT - ARMY TRAIL RD		
83 - IL 83 (KINGERY HWY)		
64 - IL 64 (NORTH AVE)		
REMOVE AND REPLACE SIGN PANEL		MOUNTING TYPE
EXISTING LUMINAIRE TO BE REMOVED		TR - TRUSS
		CL - CANTILEVER
		BM - BRIDGE MOUNTED
		WP - WOOD POST
		BS - BREAKAWAY STEEL
		LP - LIGHT POLE
		GM - GROUND MOUNTED

FILE NAME =	DESIGNED - AJP	REVISED -
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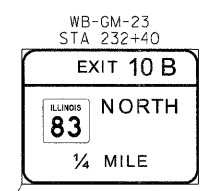
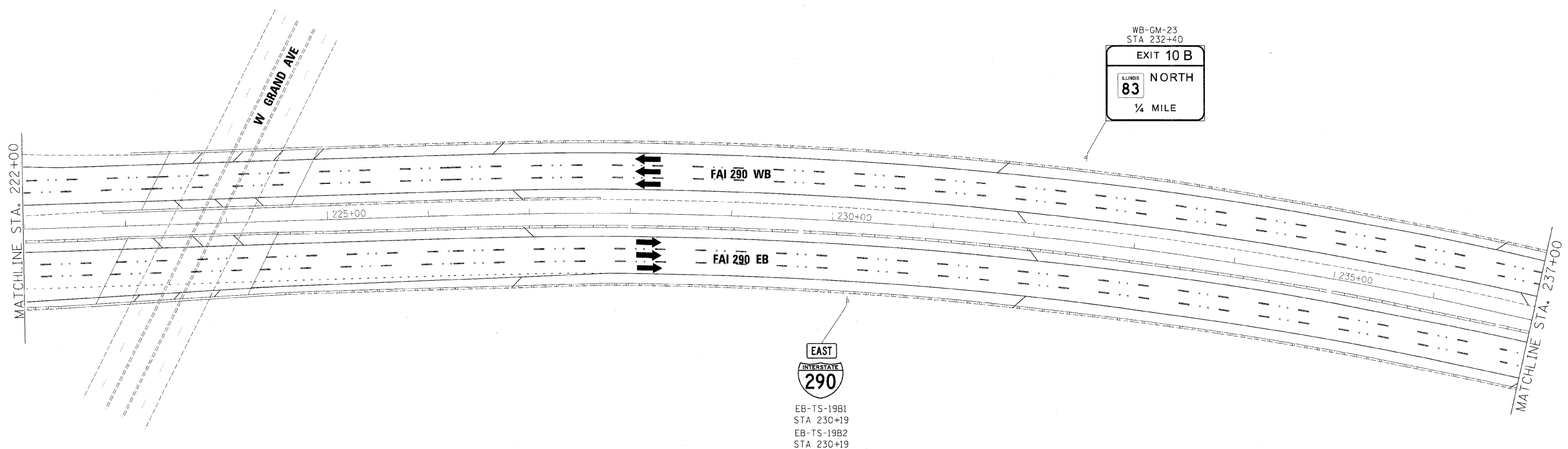
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
I-290 STA 209+00 TO STA 222+00**

SCALE: 1"=50' SHEET NO. 29 OF 32 SHEETS STA. TO STA.

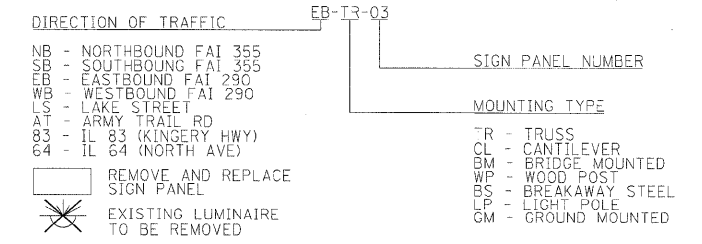
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	221, 1-1, 2&3RS-7	DUPAGE	661	579
*290,355		CONTRACT NO. 60651		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



EB-TS-19B1
STA 230+19
EB-TS-19B2
STA 230+19

**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE



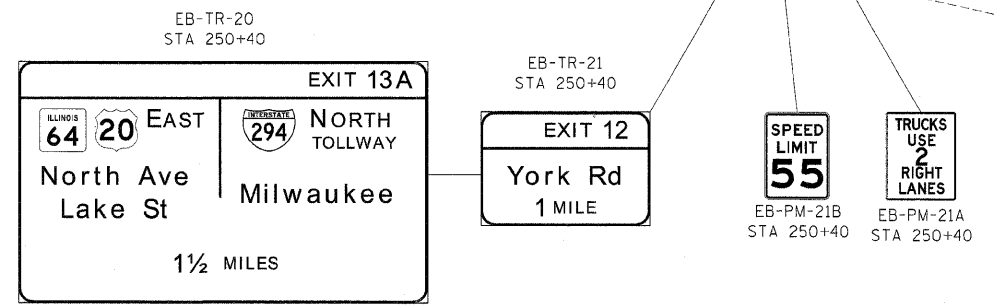
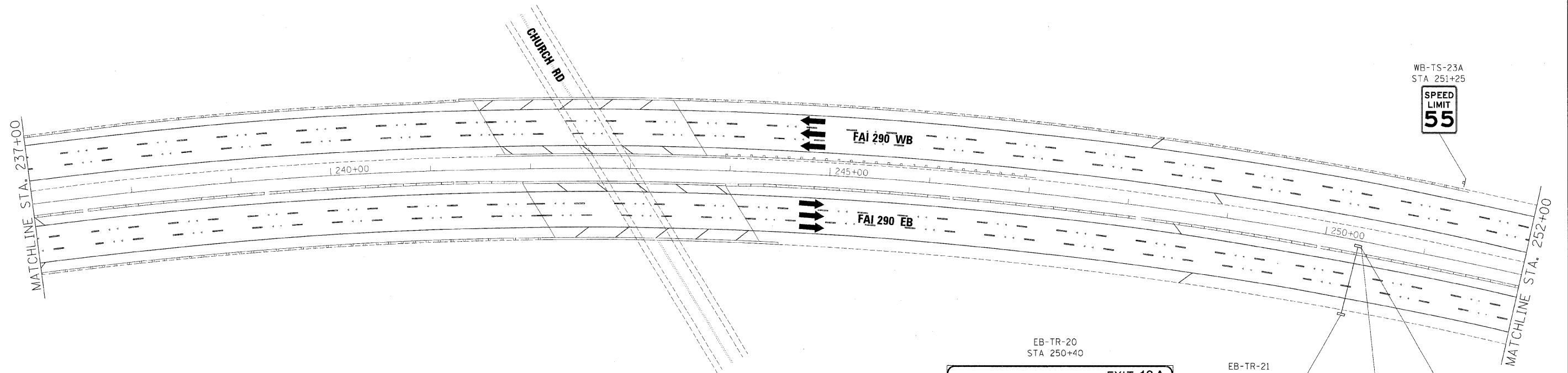
FILE NAME =	DESIGNED - AJP	REVISED -
...:\prip1n_abc_60\223_290_pvntunkg_43.dgn	DRAWN - TMB	REVISED -
USER NAME = jmajewski	CHECKED - JMM	REVISED -
PLOT DATE = 12/16/2009	DATE - 10/16/09	REVISED -

benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN
I-290 STA 222+00 TO STA 237+00
SCALE: 1"=50' SHEET NO. 30 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	22(1, 1-1, 2&3)RS-7	DUPAGE	661	580
•290,355		CONTRACT NO. 60G51		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE

- EB-TR-03
- | | |
|----------------------------------|----------------------|
| DIRECTION OF TRAFFIC | SIGN PANEL NUMBER |
| NB - NORTHBOUND FAI 355 | |
| SB - SOUTHBOUND FAI 355 | |
| EB - EASTBOUND FAI 290 | |
| WB - WESTBOUND FAI 290 | |
| LS - LAKE STREET | |
| AT - ARMY TRAIL RD | |
| 83 - IL 83 (KINGERY HWY) | |
| 64 - IL 64 (NORTH AVE) | |
| REMOVE AND REPLACE SIGN PANEL | MOUNTING TYPE |
| EXISTING LUMINAIRE TO BE REMOVED | TR - TRUSS |
| | CL - CANTILEVER |
| | BM - BRIDGE MOUNTED |
| | WP - WOOD POST |
| | BS - BREAKAWAY STEEL |
| | LP - LIGHT POLE |
| | GM - GROUND MOUNTED |



FILE NAME =	DESIGNED - AJP	REVISED -
...prp\in_abc_68J23_290_pvntekg_44.dgn	DRAWN - TMB	REVISED -
USER NAME = jmojewski	CHECKED - JMM	REVISED -
PLOT DATE = 12/16/2009	DATE - 10/16/09	REVISED -

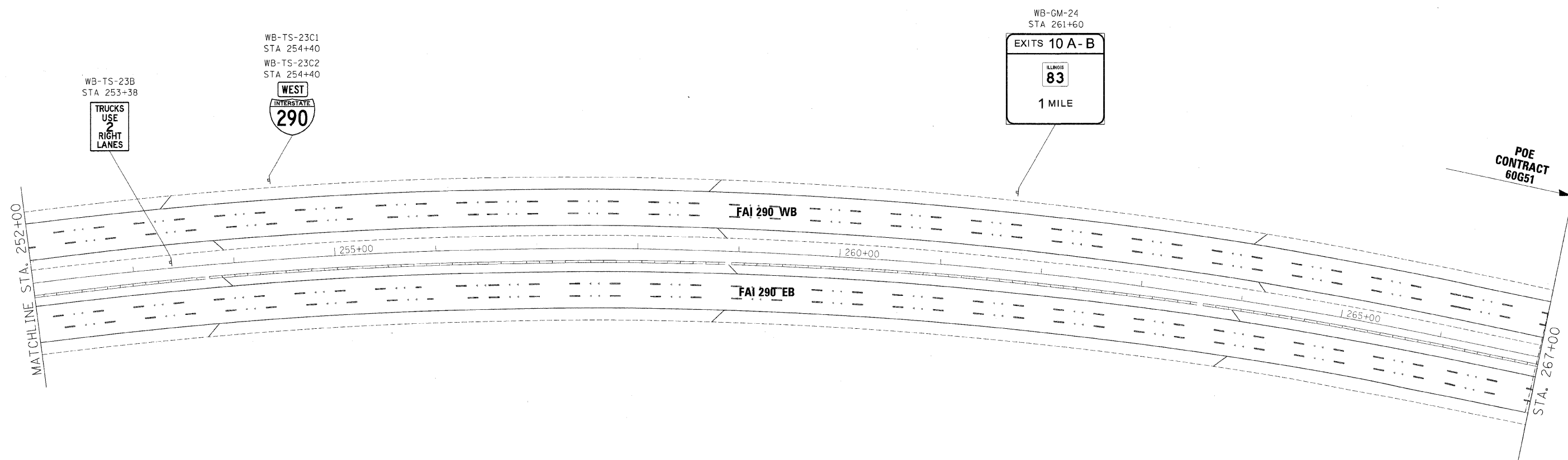
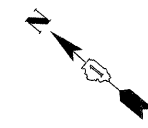
benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
I-290 STA 237+00 TO STA 252+00**

SCALE: 1"=50' SHEET NO. 31 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*290,355	22(1, 1-1, 2&3)RS-7	DUPAGE	661	581
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C51	



**GUIDE SIGN SEQUENCE
NUMBERING CODE**

- EXAMPLE**
EB-IR-03
- DIRECTION OF TRAFFIC: EB - EASTBOUND FAI 290
- SIGN PANEL NUMBER: IR
- MOUNTING TYPE: 03
- NB - NORTHBOUND FAI 355
 - SB - SOUTHBOUND FAI 355
 - EB - EASTBOUND FAI 290
 - WB - WESTBOUND FAI 290
 - LS - LAKE STREET
 - AT - ARMY TRAIL RD
 - 83 - IL 83 (KINGERY HWY)
 - 64 - IL 64 (NORTH AVE)
- REMOVE AND REPLACE SIGN PANEL
 EXISTING LUMINAIRE TO BE REMOVED
- TR - TRUSS
 - CL - CANTILEVER
 - BM - BRIDGE MOUNTED
 - WP - WOOD POST
 - BS - BREAKAWAY STEEL
 - LP - LIGHT POLE
 - GM - GROUND MOUNTED

FILE NAME =	DESIGNED - AJP	REVISED -
...\\corp\in-ABC\60J23_290_pvm\trkg_45.dgn	DRAWN - TMB	REVISED -
USER NAME = jmajesvsk1	CHECKED - JMM	REVISED -
PLOT DATE = 12/16/2009	DATE = 10/16/09	REVISED -

benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN
I-290 STA 252+00 TO 267+00

SCALE: 1"=50' SHEET NO. 32 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290, 355	22(1, 1-1, 2&3)RS-7	DUPAGE	661	582
CONTRACT NO. 60G51				
FED. ROAD DIST. NO. (ILLINOIS) FED. AID PROJECT				

SIGN DETAIL

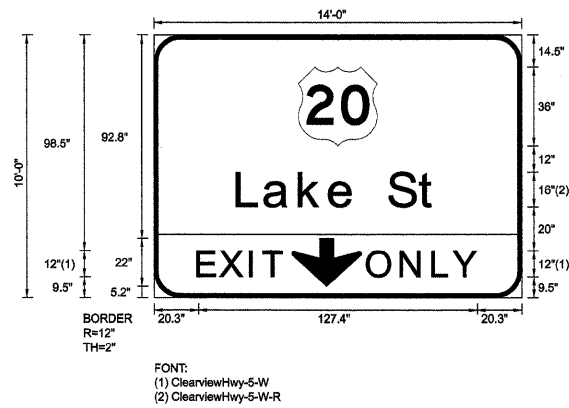
1:75

NB-CL-02
STA. 58+00



SEAL

Fred M. Lin 12-15-09
 FRED M. LIN, P.E. DATE
 ILLINOIS REGISTERED ENGINEER NO. 062-056704
 REGISTRATION EXPIRES NOV. 30, 2011
 DWGS. 547-550, 583-647, 648-649, 650-653



SIGN NUMBER	Overhead - Lane Drop
WIDTH x HGHT.	14'-0" x 10'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGENDBORDER	TYPE: Reflective
	COLOR: White,BlackWhite

SYMBOL	ROT	X	Y	WID	HT
M1_4	0	66	69.5	36	36
ARDOWN	0	62.8	5.2	32	22

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

Letter locations are paneledge to lower left corner

LETTER POSITIONS (X)								LENGTH	SERIES/SIZE
L	a	k	e	S	t				ClearviewHwy-5-W-R
38.4	50.8	66.8	80.6	92.4	107.6	121.7		91.2	1613
E	X	I	T						ClearviewHwy-5-W
20.3	30.6	44.2	50.1					38.5	12
O	N	L	Y						ClearviewHwy-5-W
97.9	113.3	127.9	137.2					49.8	12

SIGN DETAIL
1:75

NB-TR-03
STA. 73+10

SIGN NUMBER	Right Exit - Overhead
WIDTH x HGHT.	15'-0" x 10'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White



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

Letter locations are panel edge to lower left corner

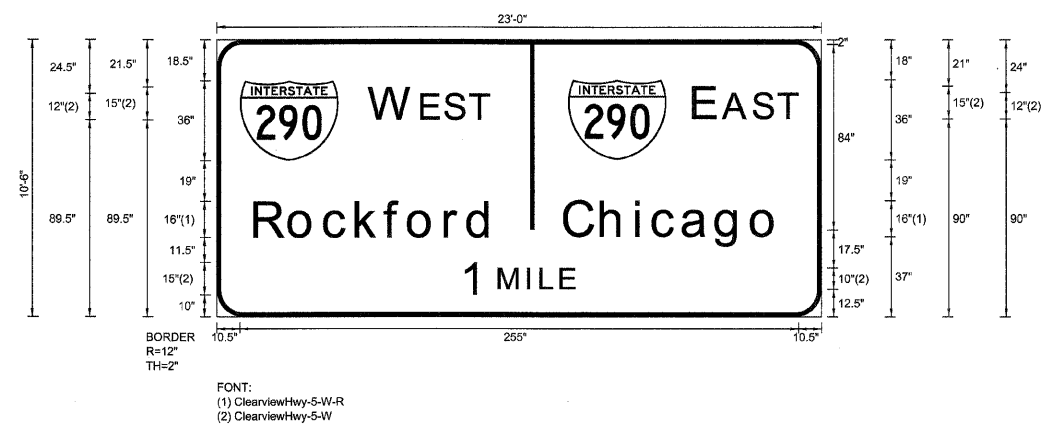
SYMBOL	ROT	X	Y	WID	HT
M1_4	0	46.6	72.6	36	36
ARMED	45	136.4	64.5	20	31.5

LETTER POSITIONS (X)

											LENGTH	SERIESIZE
L	a	k	e		S	t					91.2	16/13
19.1	31.4	47.4	61.2	73	88.3	102.4						
E	X	I	T		O	N	L	Y			101	12
39.5	49.8	63.4	69.4	78	90.7	106.1	120.7	130				

SIGN DETAIL
1:75

NB-TR-04
STA. 73+10



SIGN NUMBER	Right Exit - Ground
WIDTH x HGHT.	23'-0" x 10'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

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

Letter locations are paneledge to lower left corner

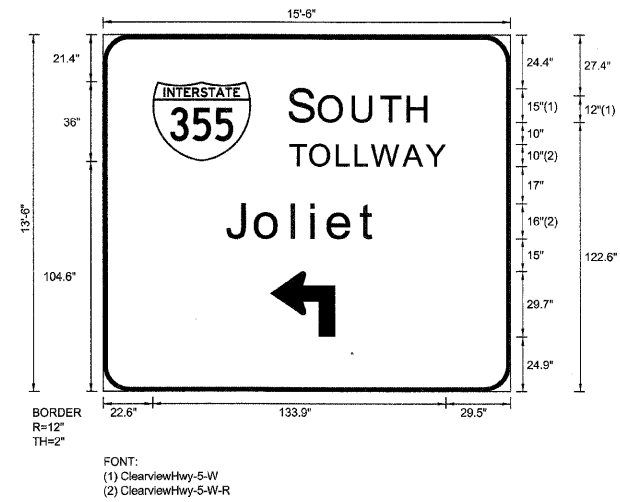
SYMBOL	ROT	X	Y	WID	HT
M1_1	0	10.5	71.5	45	36
M1_1	0	160.3	72	45	36

LETTER POSITIONS (X)

												LENGTH	SERIESSIZE
W	E	S	T									54.5	ClearviewHwy-5-W 15,12
70.1	93.8	104.6	116										
E	A	S	T									47.2	ClearviewHwy-5-W 15,12
218.3	231.7	245.5	256.9										
R	o	c	k	f	o	r	d					108.9	ClearviewHwy-5-W-R 1613
17.6	33.3	49.5	64	77.2	87.8	104.6	115						
C	h	i	c	a	g	o						97.8	ClearviewHwy-5-W-R 1613
159	175.8	191.7	199.5	213.1	228.4	244.5							
1	M	I	L	E								51.2	ClearviewHwy-5-W 15,10
112.4	129.2	142.3	148.2	157.3									

SIGN DETAIL
1:75

LS-BM-06
STA. 95+50



SIGN NUMBER	Right Exit - Ground
WIDTH x HGHT.	15'-6" x 13'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

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

FONT:
(1) ClearviewHwy-5-W
(2) ClearviewHwy-5-W-R

Letter locations are paneledge to lower left corner

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	22.6	104.6	45	36
AR90L1	0	76.2	24.9	29.7	29.7

LETTER POSITIONS (X)

										LENGTH	SERIESSIZE
S	O	U	T	H							ClearviewHwy-5-W
85.6	99.2	114.6	127.5	139.7						63.3	15,12
T	O	L	L	W	A	Y					ClearviewHwy-5-W-R
85.6	94.8	107	115.4	122.9	137.4	147.7				70.9	10
J	o	l	i	e	t						ClearviewHwy-5-W-R
56.5	70	86.8	95.4	103.2	117.8					69.1	16/13

SIGN DETAIL
1:75

NB-TR-08
STA. 98+80



FONT:
(1) ClearviewHwy-5-W
(2) ClearviewHwy-5-W-R

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

SIGN NUMBER	Overhead - One Down Arrow
WIDTH x HGT.	12'-0" x 11'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	19.5	80.3	45	36
ARDOWN	0	56.7	12	32	22

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

LETTER POSITIONS (X)										LENGTH	SERIESIZE
E	A	S	T								ClearviewHwy-5-W
79.6	93	106.7	118.1							47.2	15,12
C	h	i	c	a	g	o					ClearviewHwy-5-W-R
23.9	40.7	56.5	64.4	77.9	93.2	109.3				97.8	1613

FILE NAME =	DESIGNED - SEW	REVISED -
FILEL	DRAWN - SEW	REVISED -
USER NAME = *USER*	CHECKED - FML	REVISED -
PLOT DATE = *DATE*	DATE - 12/2009	REVISED -



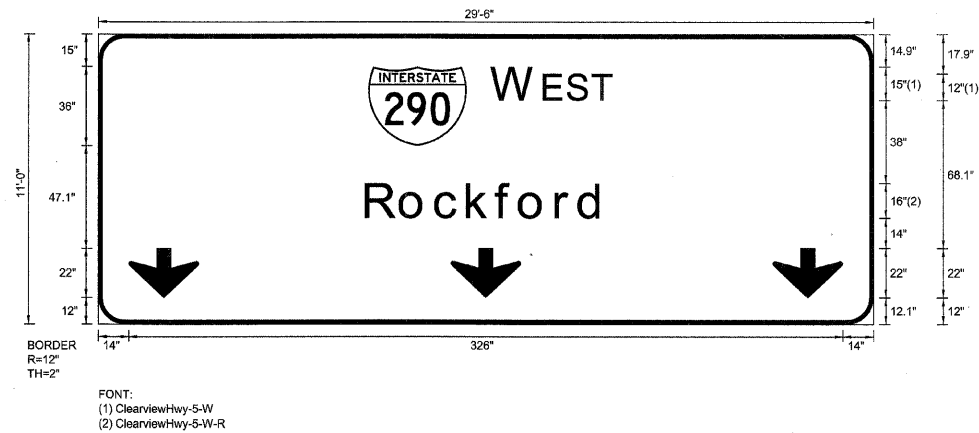
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING DETAILS	
SCALE: N.T.S.	SHEET NO. 6 OF 71 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	22(1, 1-1, 2&3)RS-7	DUPAGE	661	588
* 290,355		CONTRACT NO.	60651	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

SIGN DETAIL
1:75

NB-TR-10
STA. 110+00



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

Letter locations are paneledge to lower left corner

SIGN NUMBER	name
WIDTH x HGT.	29'-6" x 11'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: WhiteWhite

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	123.2	81.1	45	36
ARROWN	0	14	12	32	22
ARROWN	0	161	12.1	32	22
ARROWN	0	308	12	32	22

LETTER POSITIONS (X)

								LENGTH	SERIESIZE
W	E	S	T						ClearviewHwy-5-W
180.3	204	214.7	226.1					54.5	15,12
R	o	c	k	f	o	r	d		ClearviewHwy-5-W-R
122.5	138.3	154.4	168.9	182.1	192.8	209.5	219.9	108.9	1613

FILE NAME =	DESIGNED - SEW	REVISED -
FILEL	DRAWN - SEW	REVISED -
USER NAME = *USER*	CHECKED - FML	REVISED -
PLOT DATE = *DATE*	DATE - 12/2009	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING DETAILS

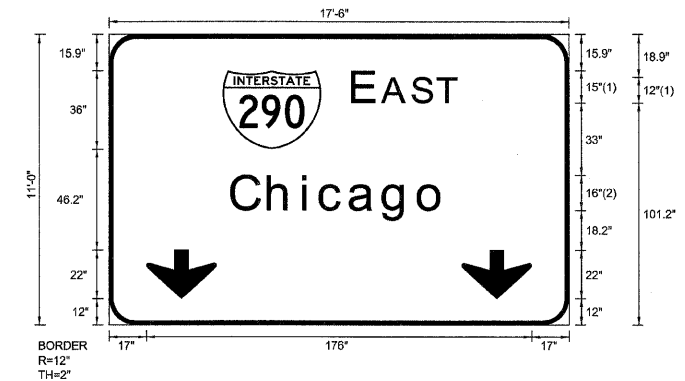
SCALE: N.T.S. SHEET NO. 7 OF 71 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	22(1, 1-1, 2&3)RS-7	DUPAGE	661	589
			* 290,355	CONTRACT NO. 60G51
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

SIGN DETAIL

1:75

NB-TR-11
STA. 110+00



FONT:
(1) ClearviewHwy-5-W
(2) ClearviewHwy-5-W-R

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

SIGN NUMBER	Overhead - Two Down Arrows
WIDTH x HGHT.	17'-6" x 11'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	51.8	80.2	45	36
ARDDOWN	0	17	12	32	22
ARDDOWN	0	161	12	32	22

Letter locations are panel edge to lower left corner

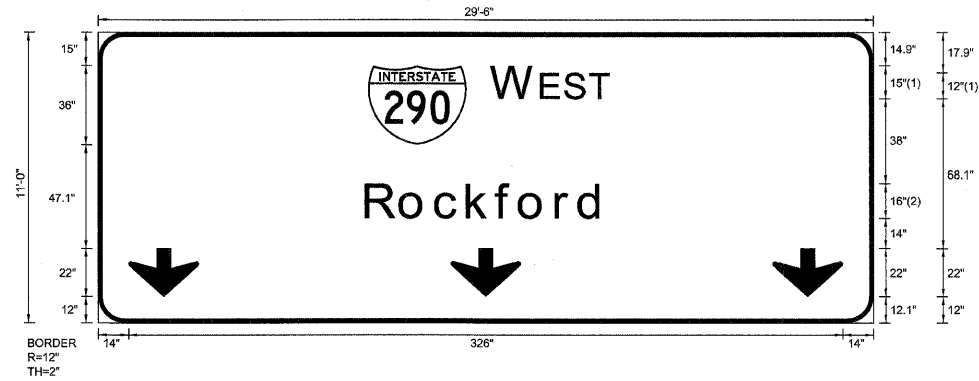
LETTER POSITIONS (X)

LETTER	X	Y	WID	HT	SERIES
E	111.8	139	15.4	36	ClearviewHwy-5-W
A	125.2	139	15.4	36	ClearviewHwy-5-W
S	139	139	15.4	36	ClearviewHwy-5-W
T	150.4	139	15.4	36	ClearviewHwy-5-W
C	56.1	73	88.8	96.6	ClearviewHwy-5-W-R
h	73	73	88.8	96.6	ClearviewHwy-5-W-R
i	88.8	73	88.8	96.6	ClearviewHwy-5-W-R
c	96.6	73	88.8	96.6	ClearviewHwy-5-W-R
a	110.2	73	88.8	96.6	ClearviewHwy-5-W-R
g	125.5	73	88.8	96.6	ClearviewHwy-5-W-R
o	141.6	73	88.8	96.6	ClearviewHwy-5-W-R

FILE NAME = #FILE#* USER NAME = #USER# PLOT DATE = #DATE#	DESIGNED - SEW DRAWN - SEW CHECKED - FML DATE - 12/2009	REVISED - REVISED - REVISED - REVISED -	LIN ENGINEERING LTD. Consulting Engineers Channah, Illinois Westmont, Illinois	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNING DETAILS			F.A.I. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
	SCALE: N.T.S. SHEET NO. 8 OF 71 SHEETS STA. TO STA.				COUNTY DUPAGE CONTRACT NO. 60651 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

SIGN DETAIL
1:75

NB-TR-12
STA. 117+70



SIGN NUMBER	name
WIDTH x HGHT.	29'-6" x 11'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	123.3	81.1	45	36
AROUND	0	14	12	32	22
AROUND	0	161	12.1	32	22
AROUND	0	308	12	32	22

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

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

																				LENGTH	SERIESSIZE		
W	E	S	T																		ClearviewHwy-5-W		
180.3	202.9	213.6	225																		53.4	15,12	
R	o	c	k	f	o	r	d															ClearviewHwy-5-W-R	
122.5	138.3	154.4	168.9	182.1	192.8	209.5	219.9															108.9	1613

FILE NAME =	DESIGNED - SEW	REVISED -
\$FILEL\$	DRAWN - SEW	REVISED -
USER NAME = \$USER\$	CHECKED - FML	REVISED -
PLOT DATE = \$DATE\$	DATE - 12/2009	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING DETAILS

SCALE: N.T.S. SHEET NO. 9 OF 71 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	22(1, 1-1, 2&3)RS-7	DUPAGE	661	591
* 290,355		CONTRACT NO. 60G51		
FED. ROAD DIST. NO.		[ILLINOIS] FED. AID PROJECT		

SIGN DETAIL

1:75

NB-TR-13
STA. 117+70

SIGN NUMBER	Overhead - Two Down Arrows
WIDTH x HGHT.	17'-6" x 11'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White



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

Letter locations are panel edge to lower left corner

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	51.8	80.2	45	36
ARDOWN	0	17	12	32	22
ARDOWN	0	161	12	32	22

LETTER POSITIONS (X)

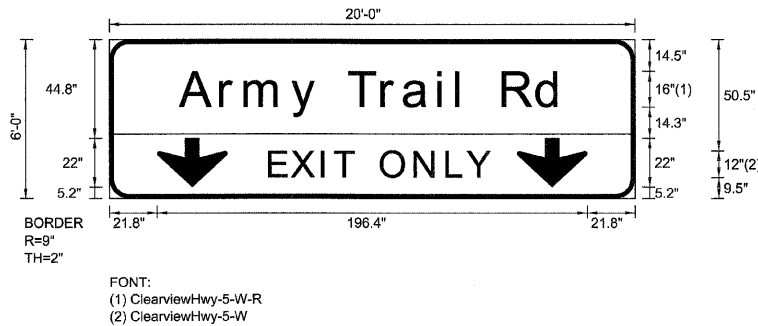
												LENGTH	SERIESIZE
E	A	S	T										ClearviewHwy-5-W
111.8	125.3	139	150.4									47.2	15,12
C	h	i	c	a	g	o							ClearviewHwy-5-W-R
56.1	73	88.8	96.6	110.2	125.5	141.6						97.8	1613

SIGN DETAIL

1:75

SB-TR-06
STA. 41+50

SIGN NUMBER	name
WIDTH x HGHT.	20'-0" x 6'-0"
BORDER WIDTH	2"
CORNER RADIUS	9"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White,Black/White



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

Letter locations are panel edge to lower left corner

SYMBOL	ROT	X	Y	WID	HT
ARROW	0	21.8	5.2	32	22
ARROW	0	186.2	5.2	32	22

LETTER POSITIONS (X)

												LENGTH	SERIESIZE										
A	r	m	y		T	r	a	i	l		R	d								ClearviewHwy-5-W-R			
32.7	51.2	62.2	83.5	95.9	109.6	124.8	134.9	150.5	159	164	180	195.7								174.5	1613		
E	X	I	T		O	N	L	Y													ClearviewHwy-5-W		
73.4	83.7	97.4	103.3	111.9	124.6	140	154.6	163.9													101	12	

FILE NAME =	DESIGNED - SEW	REVISED -
#FILEL*	DRAWN - SEW	REVISED -
USER NAME = #USER#	CHECKED - FML	REVISED -
PLOT DATE = #DATE#	DATE - 12/2009	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING DETAILS

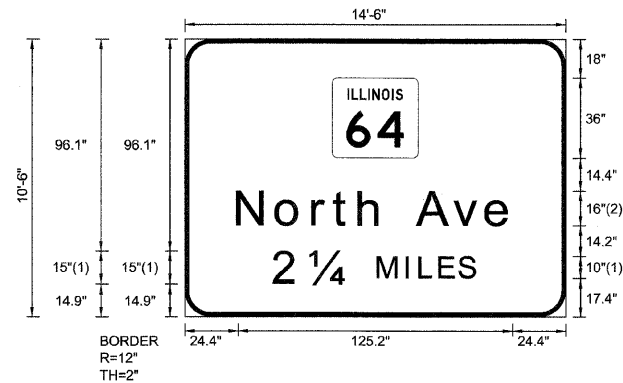
SCALE: N.T.S. SHEET NO. 11 OF 71 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	221, 1-1, 2&3RS-7	DUPAGE	661	593
* 290.355			CONTRACT NO. 60651	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

SIGN DETAIL

1:75

SB-TR-05
STA. 41+50



BORDER
R=12"
TH=2"

FONT:
(1) ClearviewHwy-5-W
(2) ClearviewHwy-5-W-R

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

Letter locations are panel edge to lower left corner

SIGN NUMBER	name
WIDTH x HGHT.	14'-6" x 10'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

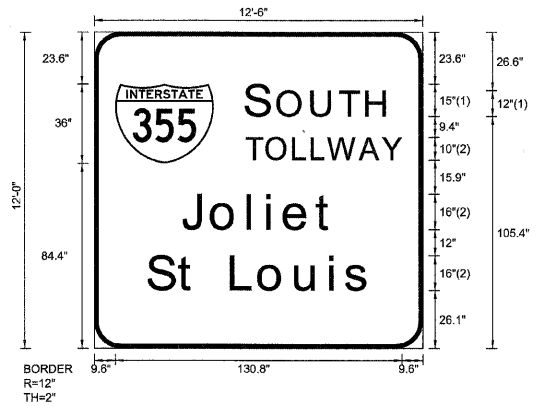
SYMBOL	ROT	X	Y	WID	HT
M1-1100A-2-22-10D	0	67.4	72	39.3	36

LETTER POSITIONS (X)

										LENGTH	SERIESSIZE
N	o	r	t	h		A	v	e			ClearviewHwy-5-W-R
24.4	42.1	58.9	68.3	80.1	91.2	106.6	123.2	137.9		125.3	16/13
2	1/4	M	I	L	E	S					ClearviewHwy-5-W
41.2	57.5	88.5	101.7	107.6	116.6	125.6				91.6	15,10

SIGN DETAIL
1:75

SB-TR-04
STA. 41+50



FONT:
(1) ClearviewHwy-S-W
(2) ClearviewHwy-S-W-R

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

Letter locations are panel edge to lower left corner

SIGN NUMBER	name
WIDTH x HGHT.	12'-6" x 12'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	9.5	84.4	45	36

LETTER POSITIONS (X)

											LENGTH	SERIESIZE
S	O	U	T	H							64.4	ClearviewHwy-5-W
69.5	84.3	99.7	112.6	124.8							64.4	15,12
T	O	L	L	W	A	Y					70.9	ClearviewHwy-5-W-R
69.5	78.7	91	99.4	106.9	121.4	131.7					70.9	10
J	o	l	i	e	t						69.1	ClearviewHwy-5-W-R
40.4	53.9	70.7	79.3	87.1	101.7						69.1	1613
S	t		L	o	u	i	s				100.4	ClearviewHwy-5-W-R
24.8	38.9	46.7	62.8	75.5	92.3	108	115				100.4	1613

FILE NAME =	DESIGNED - SEW	REVISED -
FILEL	DRAWN - SEW	REVISED -
USER NAME = *USER*	CHECKED - FML	REVISED -
PLOT DATE = *DATE*	DATE - 12/2009	REVISED -

E LIN ENGINEERING,LTD.
Consulting Engineers
Chatham, Illinois Woodmont, Illinois

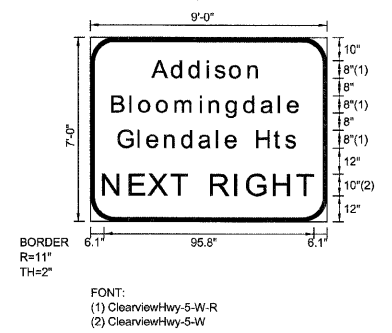
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: N.T.S.	SHEET NO. 13 OF 71 SHEETS	STA.	TO STA.
SIGNING DETAILS			

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
▪	2201, 1-1, 2&3/RS-7	DUPAGE	661	595
▪	290,355	CONTRACT NO. 60C51		
FED. ROAD DIST. NO.		[ILLINOIS] FED. AID PROJECT		

SIGN DETAIL
1:75

SB-GM-07
STA. 47+00



SIGN NUMBER	name
WIDTH x HGHT.	9'-0" x 7'-0"
BORDER WIDTH	2"
CORNER RADIUS	11"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

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

Letter locations are panel edge to lower left corner

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)																				LENGTH	SERIESSIZE		
A	d	d	i	s	o	n															49.4	86.5	
B	l	o	o	m	i	n	g	d	a	l	e										86.2	86.5	
G	l	e	n	d	a	l	e		H	t	s										81.6	86.5	
N	E	X	T		R	I	G	H	T												95.8	10	

SIGN DETAIL
1:75

SB-TR-08
STA. 54+70



SIGN NUMBER	name
WIDTH x HIGHT.	21'-0" x 13'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: Black,WhiteWhite

SYMBOL	ROT	X	Y	WID	HT
ARNDOWN	0	103.8	5.2	32	22

Panel Style: sign_default.ssi
Dimensions are in inches,tenths

FONT:
(1) ClearviewHwy-5-W
(2) ClearviewHwy-5-W-R

Letter locations are panel edge to lower left corner

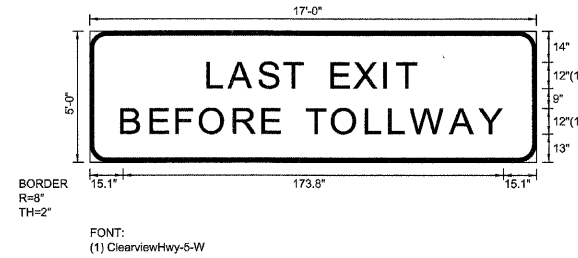
LETTER POSITIONS (X)

															LENGTH	SERIESSIZE						
L	A	S	T		E	X	I	T		B	E	F	O	R	E						ClearviewHwy-5-W	
36	45.5	59.3	70.7	79.3	92.5	102.7	116.4	122.3	130.9	144.1	157.4	169.1	179.9	195.3	208.4						180	12
T	O	L	L	W	A	Y															ClearviewHwy-5-W	
81.3	93.1	108.5	119.3	129	147.1	160.2															89.4	12
A	r	m	y		T	r	a	i	l		R	d									ClearviewHwy-5-W-R	
38.7	57.2	68.2	89.5	101.9	115.6	130.8	140.9	156.5	165	170	186	201.7									174.5	16/13
E	X	I	T																		ClearviewHwy-5-W	
61.4	71.6	85.3	91.2																		38.5	12
O	N	L	Y																		ClearviewHwy-5-W	
140.8	156.3	170.9	180.2																		49.8	12

SIGN DETAIL
1:75

SB-GM-09
STA. 60+50

SIGN NUMBER	name
WIDTH x HGHT.	17'-0" x 5'-0"
BORDER WIDTH	2"
CORNER RADIUS	8"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White



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

Letter locations are paneledge to lower left corner

SYMBOL	ROT	X	Y	WID	HT

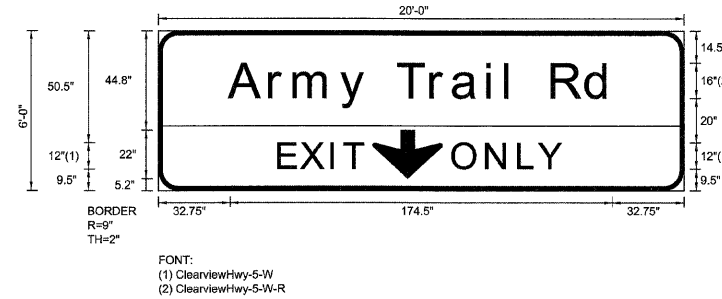
LETTER POSITIONS (X)

																															LENGTH	SERIESSIZE	
L	A	S	T		E	X	I	T																							ClearviewHwy-5-W		
54.5	64.1	77.8	89.2	97.8	111	121.3	134.9	140.8																							94.9	12	
B	E	F	O	R	E		T	O	L	L	W	A	Y																		ClearviewHwy-5-W		
15.1	28.4	40.1	50.9	66.3	79.4	87	99.5	111.2	126.7	137.5	147.1	165.3	178.4																		173.8	12	

SIGN DETAIL
1:75

SB-CL-10
STA. 64+90

SIGN NUMBER	name
WIDTH x HGHT.	20'-0" x 6'-0"
BORDER WIDTH	2"
CORNER RADIUS	9"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White,Black/White



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

Letter locations are panel edge to lower left corner

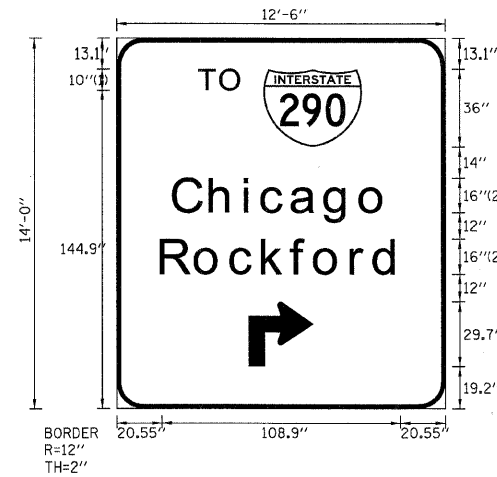
SYMBOL	ROT	X	Y	WID	HT
ARDOWN	0	97.8	5.2	32	22

LETTER POSITIONS (X)

													LENGTH	SERIESIZE							
A	r	m	y		T	r	a	i	l		R	d							ClearviewHwy-5-W-R		
32.7	51.2	62.2	83.5	95.9	109.6	124.8	134.9	150.5	159	164	180	195.7							174.5	1613	
E	X	I	T																	ClearviewHwy-5-W	
55.4	65.6	79.3	85.2																	38.5	12
O	N	L	Y																	ClearviewHwy-5-W	
134.8	150.3	164.9	174.2																	49.8	12

SIGN DETAIL
1:75

LS-BM-11
STA. 94+80



SIGN NUMBER	name
WIDTH x HGHT.	12'-6" x 14'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	67	118.8	45	36
AR90R1	0	60.2	19.1	29.7	29.7

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

FONT:
(1) ClearviewHwy-5-W
(2) ClearviewHwy-5-W-R

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

																			LENGTH	SERIESSIZE
T	O																			ClearviewHwy-5-W
38	47.8																		19.1	10
C	h	i	c	a	g	o														ClearviewHwy-5-W-R
26.1	42.9	58.8	66.6	80.2	95.5	111.6													97.8	1613
R	o	c	k	f	o	r	d													ClearviewHwy-5-W-R
20.5	36.3	52.4	66.9	80.1	90.8	107.5	117.9												108.9	1613