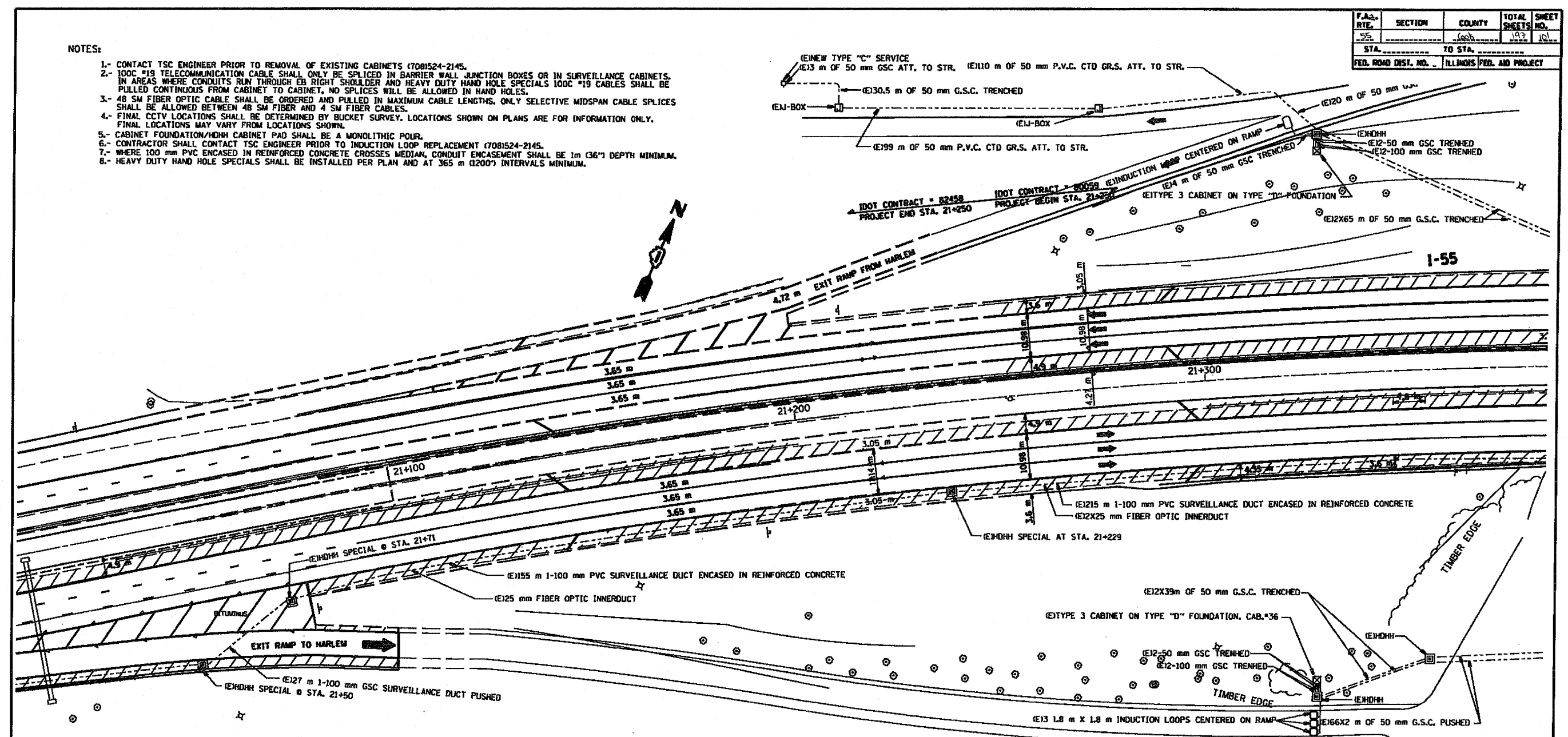


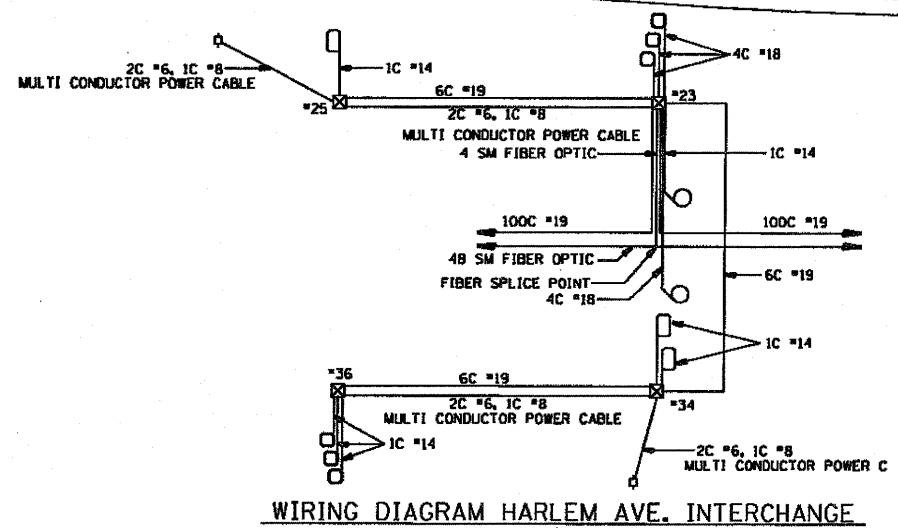
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55		COOK	107	101
STA. TO STA.		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.				

NOTES:

- 1- CONTACT TSC ENGINEER PRIOR TO REMOVAL OF EXISTING CABINETS (7081524-2145).
- 2- 100C #19 TELECOMMUNICATION CABLE SHALL ONLY BE SPLICED IN BARRIER WALL JUNCTION BOXES OR IN SURVEILLANCE CABINETS. IN AREAS WHERE CONDUITS RUN THROUGH EB RIGHT SHOULDER AND HEAVY DUTY HAND HOLE SPECIALS 100C #19 CABLES SHALL BE PULLED CONTINUOUS FROM CABINET TO CABINET, NO SPLICES WILL BE ALLOWED IN HAND HOLES.
- 3- 48 SM FIBER OPTIC CABLE SHALL BE ORDERED AND PULLED IN MAXIMUM CABLE LENGTHS. ONLY SELECTIVE MIDSPAN CABLE SPLICES SHALL BE ALLOWED BETWEEN 48 SM FIBER AND 4 SM FIBER CABLES.
- 4- FINAL CCTV LOCATIONS SHALL BE DETERMINED BY BUCKET SURVEY. LOCATIONS SHOWN ON PLANS ARE FOR INFORMATION ONLY. FINAL LOCATIONS MAY VARY FROM LOCATIONS SHOWN.
- 5- CABINET FOUNDATION/HDDH CABINET PAD SHALL BE A MONOLITHIC POUR.
- 6- CONTRACTOR SHALL CONTACT TSC ENGINEER PRIOR TO INDUCTION LOOP REPLACEMENT (7081524-2145).
- 7- WHERE 100 mm PVC ENCASED IN REINFORCED CONCRETE CROSSES MEDIAN, CONDUIT ENCASUREMENT SHALL BE 1m (36") DEPTH MINIMUM.
- 8- HEAVY DUTY HAND HOLE SPECIALS SHALL BE INSTALLED PER PLAN AND AT 365 m (1200') INTERVALS MINIMUM.



SYMBOL	LEGEND
(E) [Symbol]	EXISTING
(P) [Symbol]	PROPOSED
(I) [Symbol]	INSTALL
(R) [Symbol]	REMOVE
[Symbol]	INDUCTION LOOP
[Symbol]	ROUND INDUCTION LOOP
[Symbol]	TSC CABINET
[Symbol]	TELEPHONE SERVICE
[Symbol]	SERVICE INSTALLATION
[Symbol]	JUNCTION BOX
[Symbol]	HEAVY DUTY HAND HOLE
[Symbol]	POLYETHYLENE DUCT
[Symbol]	GALVANIZED STEEL CONDUIT



FOR INFORMATION ONLY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER

23

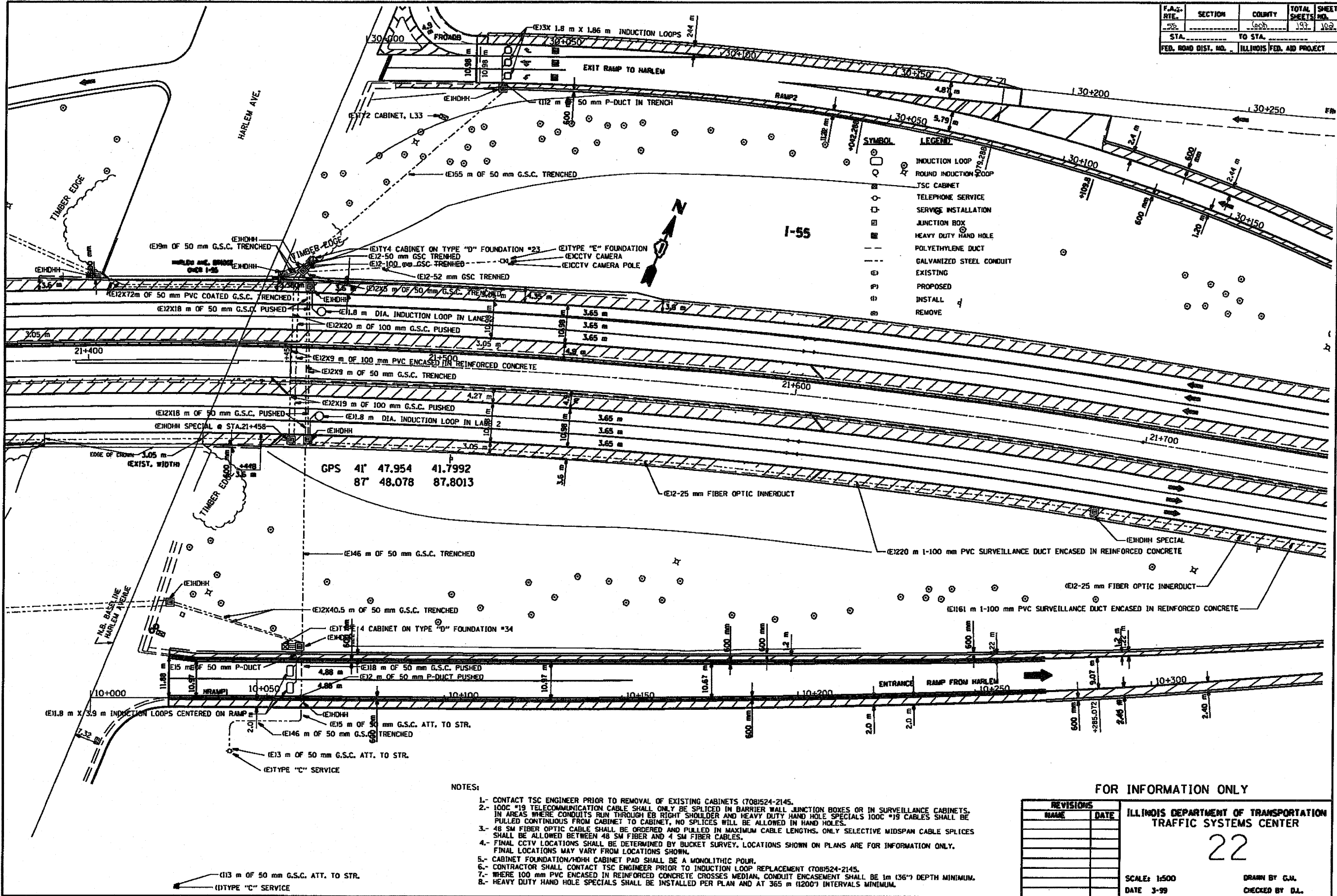
SCALE: 1:500
DATE 3-99

DRAWN BY G.J.L.
CHECKED BY D.L.

WIRING DIAGRAM HARLEM AVE. INTERCHANGE

RD-C1 PROJECTS TSC SUPPLY-EE METSHEE2.DGN
RF: P27690AD.DGN

F.A.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55			192	102
STA. TO STA.		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.				



FOR INFORMATION ONLY

REVISIONS	
NAME	DATE

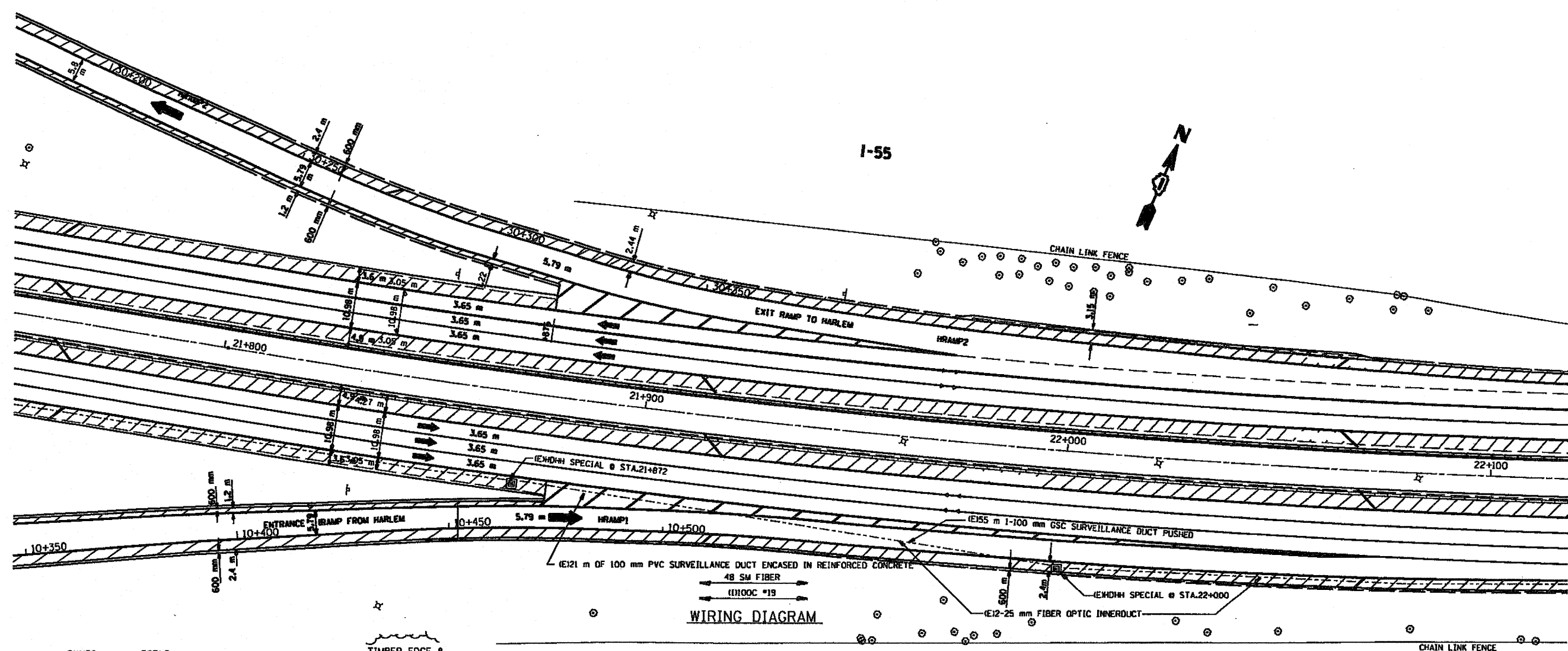
ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER

22

SCALE: 1:500
DATE: 3-99

DRAWN BY: G.J.L.
CHECKED BY: D.L.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95		COB	197	102
STA.		TO STA.		
FED. ROAD DIST. NO. .		ILLINOIS FED. AID PROJECT		



WIRING DIAGRAM

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

TIMBER EDGE & VEGETATION LINE

NOTES:

- 1- CONTACT TSC ENGINEER PRIOR TO REMOVAL OF EXISTING CABINETS (708)524-2145.
- 2- 100C #19 TELECOMMUNICATION CABLE SHALL ONLY BE SPLICED IN BARRIER WALL JUNCTION BOXES OR IN SURVEILLANCE CABINETS. IN AREAS WHERE CONDUITS RUN THROUGH EB RIGHT SHOULDER AND HEAVY DUTY HAND HOLE SPECIALS 100C #19 CABLES SHALL BE PULLED CONTINUOUS FROM CABINET TO CABINET, NO SPLICES WILL BE ALLOWED IN HAND HOLES.
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- 5- CABINET FOUNDATION/HDDH CABINET PAD SHALL BE A MONOLITHIC POUR.
- 6- CONTRACTOR SHALL CONTACT TSC ENGINEER PRIOR TO INDUCTION LOOP REPLACEMENT (708)524-2145.
- 7- WHERE 100 mm PVC ENCASED IN REINFORCED CONCRETE CROSSES MEDIAN, CONDUIT ENCASEMENT SHALL BE 1m (36") DEPTH MINIMUM.
- 8- HEAVY DUTY HAND HOLE SPECIALS SHALL BE INSTALLED PER PLAN AND AT 365 m (1200') INTERVALS MINIMUM.

FOR INFORMATION ONLY

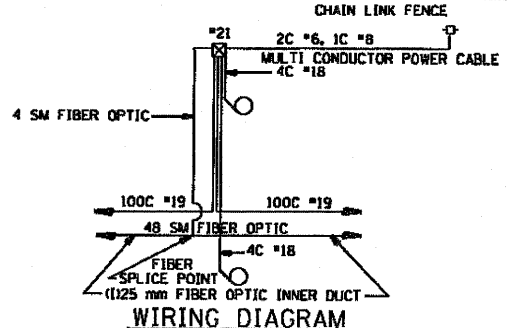
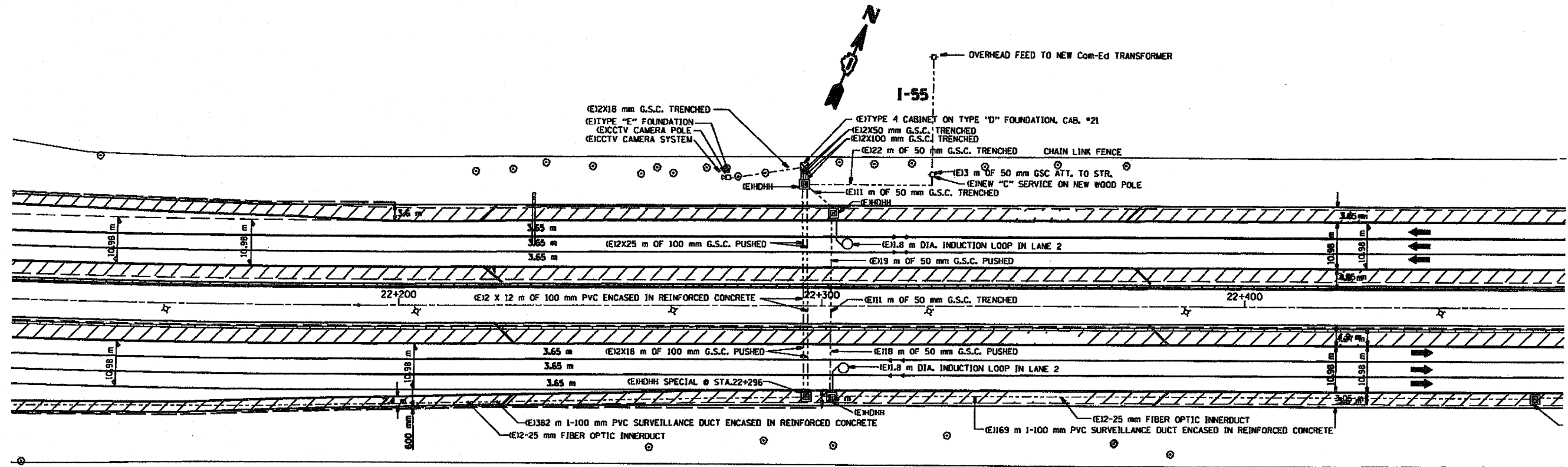
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
21
SCALE: 1:500
DATE: 3-99
DRAWN BY: G.J.L.
CHECKED BY: D.J.L.

RD-CG PROJECTS TSC SUPPR-NE, METSHEE1.DGN
RF: P276904.DGN

F.A.A. RY. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
35	606	JEFF.	107	107
STA. _____ TO STA. _____		ILLINOIS FED. AID PROJECT		

GPS 47 48.095 41.8016
87 47.503 87.7917



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

NOTES:

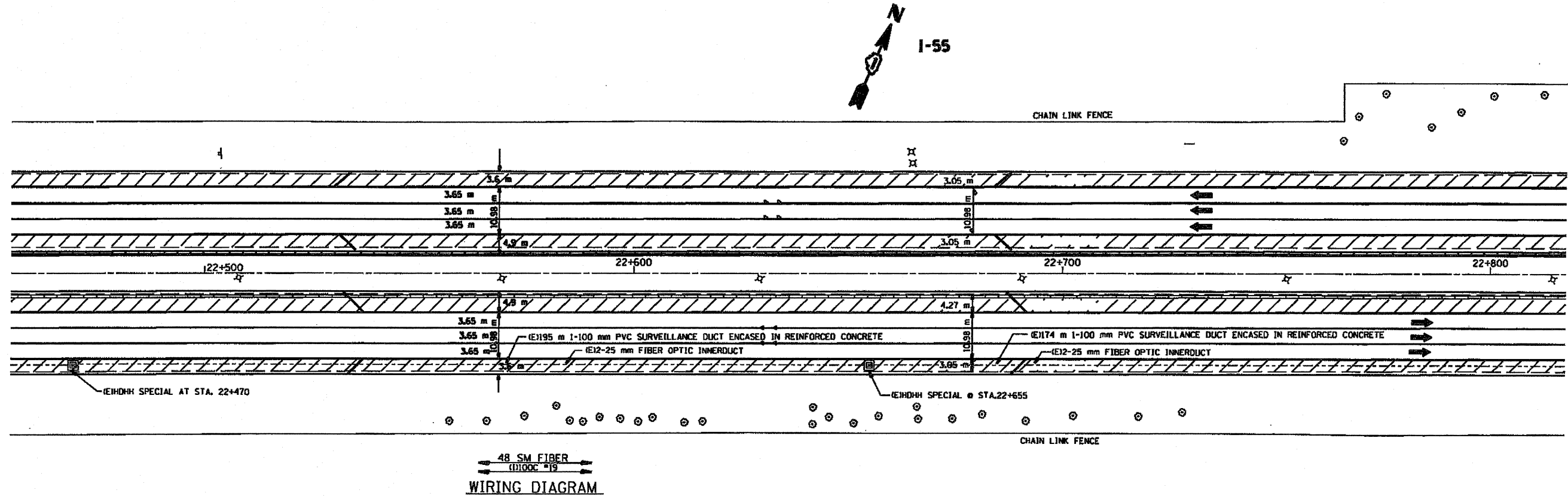
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- HEAVY DUTY HAND HOLE SPECIALS SHALL BE INSTALLED PER PLAN AND AT 365 m (1200') INTERVALS MINIMUM.

FOR INFORMATION ONLY

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER
NAME	DATE	
		<p>20</p> <p>SCALE: 1:500 DATE 3-99</p> <p>DRAWN BY G.M. CHECKED BY D.L.</p>

ROAD PROJECTS TSC 500R-HE, METSHEE1.DGN
RF #2760AD.DGN

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	600	COOK	199	105
STA. 22+500		TO STA. 22+800		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



48 SM FIBER
(1000 #19)
WIRING DIAGRAM

SYMBOL	LEGEND
□	INDUCTION LOOP
○	ROUND INDUCTION LOOP
⊠	TSC CABINET
○	TELEPHONE SERVICE
□	SERVICE INSTALLATION
⊠	JUNCTION BOX
⊠	HEAVY DUTY HAND HOLE
---	POLYETHYLENE DUCT
---	GALVANIZED STEEL CONDUIT
⊠	EXISTING
⊠	PROPOSED
⊠	INSTALL
⊠	REMOVE

NOTES:

- 1.- CONTACT TSC ENGINEER PRIOR TO REMOVAL OF EXISTING CABINETS (7081524-2145).
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FOR INFORMATION ONLY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER

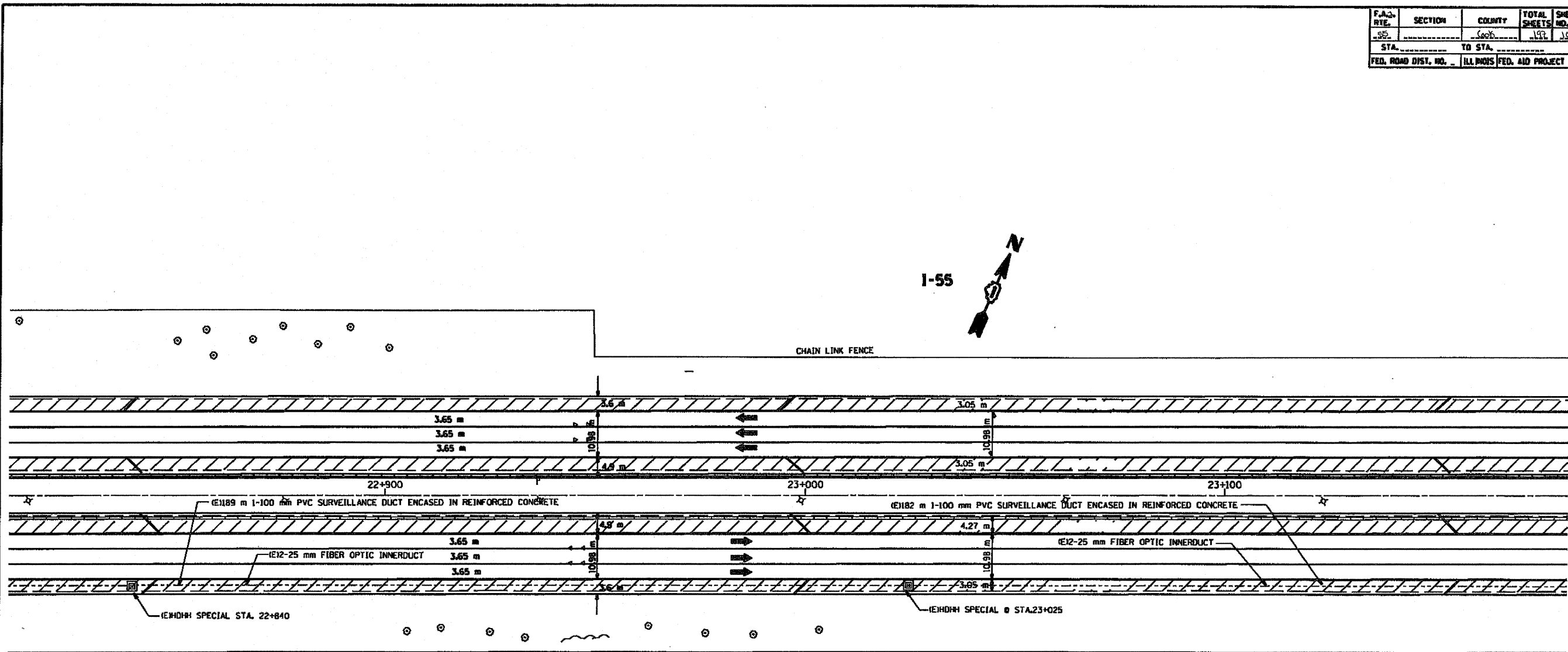
19

SCALE: 1:500
DATE: 3-99

DRAWN BY: C.M.
CHECKED BY: D.L.

PROJECTS TSC 550PR-1E, METSHEE100
 BY: P2780ADJDN

F.A.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55		COOK	192	188
STA. _____ TO STA. _____		ILLINOIS FED. AID PROJECT		



48 SM FIBER (1000 #19)
WIRING DIAGRAM

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

NOTES:

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- WHERE 100 mm PVC ENCASED IN REINFORCED CONCRETE CROSSES MEDIAN, CONDUIT ENCASEMENT SHALL BE 1m (36") DEPTH MINIMUM.
- HEAVY DUTY HAND HOLE SPECIALS SHALL BE INSTALLED PER PLAN AND AT 365 m (1200') INTERVALS MINIMUM.

FOR INFORMATION ONLY

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER
NAME	DATE	
		18

SCALE: 1:500
DATE: 3-99
DRAWN BY: G.M.
CHECKED BY: D.L.

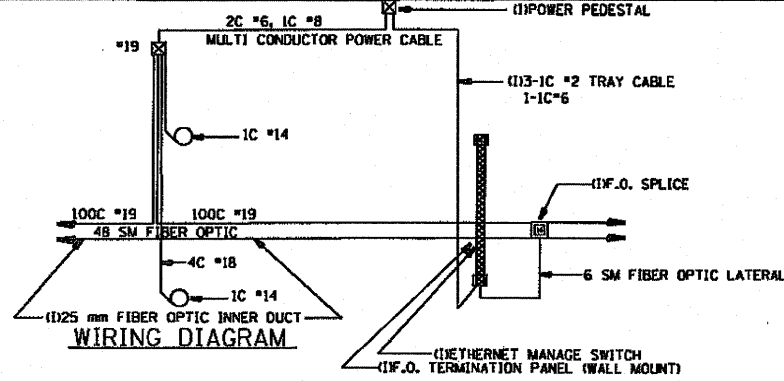
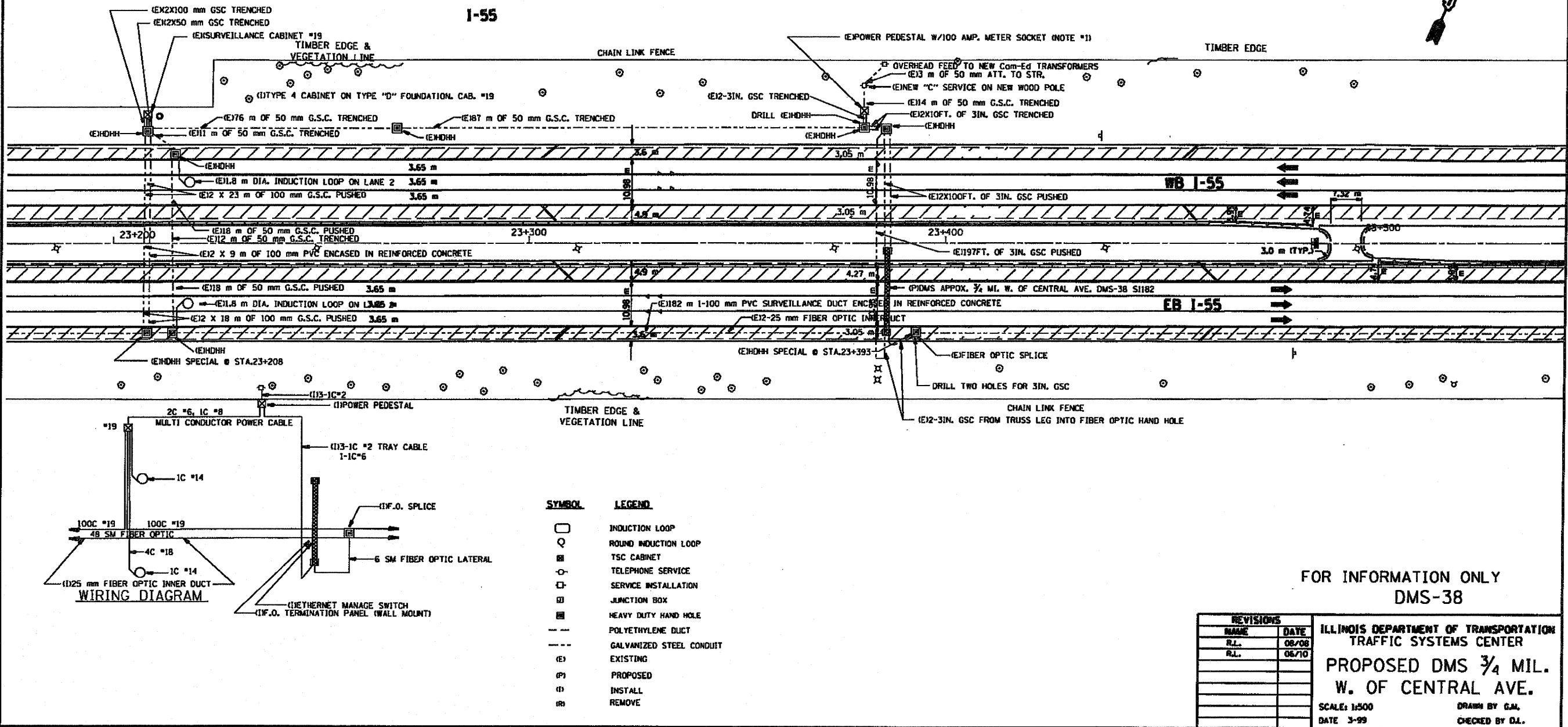
RD-CG PROJECTS TSC SUPPR-HE, METSHEE/DGN
RF #2789040.DGN

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55		JEFFERSON	197	197
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

NOTES:

- 1.- CONTRACTOR SHALL REMOVE EXISTING POLE MOUNTED ELECTRIC SERVICE DISCONNECT. CONTRACTOR SHALL INSTALL NEW PEDESTAL MOUNTED ELECTRIC SERVICE DISCONNECT AND INTERCEPT EXISTING SERVICE CONDUIT FROM UTILITY POLE. CONTRACTOR SHALL ALSO INTERCEPT BRANCH CIRCUIT TO SURVEILLANCE CABINET #19 AND INSTALL NEW BRANCH CIRCUIT TO PROPOSED DMS.
- 2.- EXISTING CONDITIONS ARE SHOWN FOR INFORMATION ONLY.
- 3.- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY FIELD CONDITIONS PRIOR TO COMMENCING WORK.
- 3.- CONTRACTOR SHALL INSTALL DUPLEX FIBER PATCH CORD AT DAN RYAN/I-55 COM. SHELTER. DUPLEX PATCH CORD CONNECTS DMS-38 AT I-55 PATCH PANEL TO EXISTING RUGGED COM. RSG 2100 SWITCH.

GPS 41 48.287 41.8048
87 46.898 87.7816



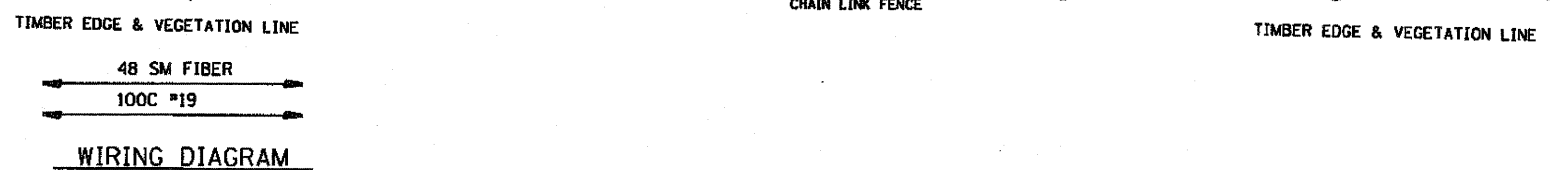
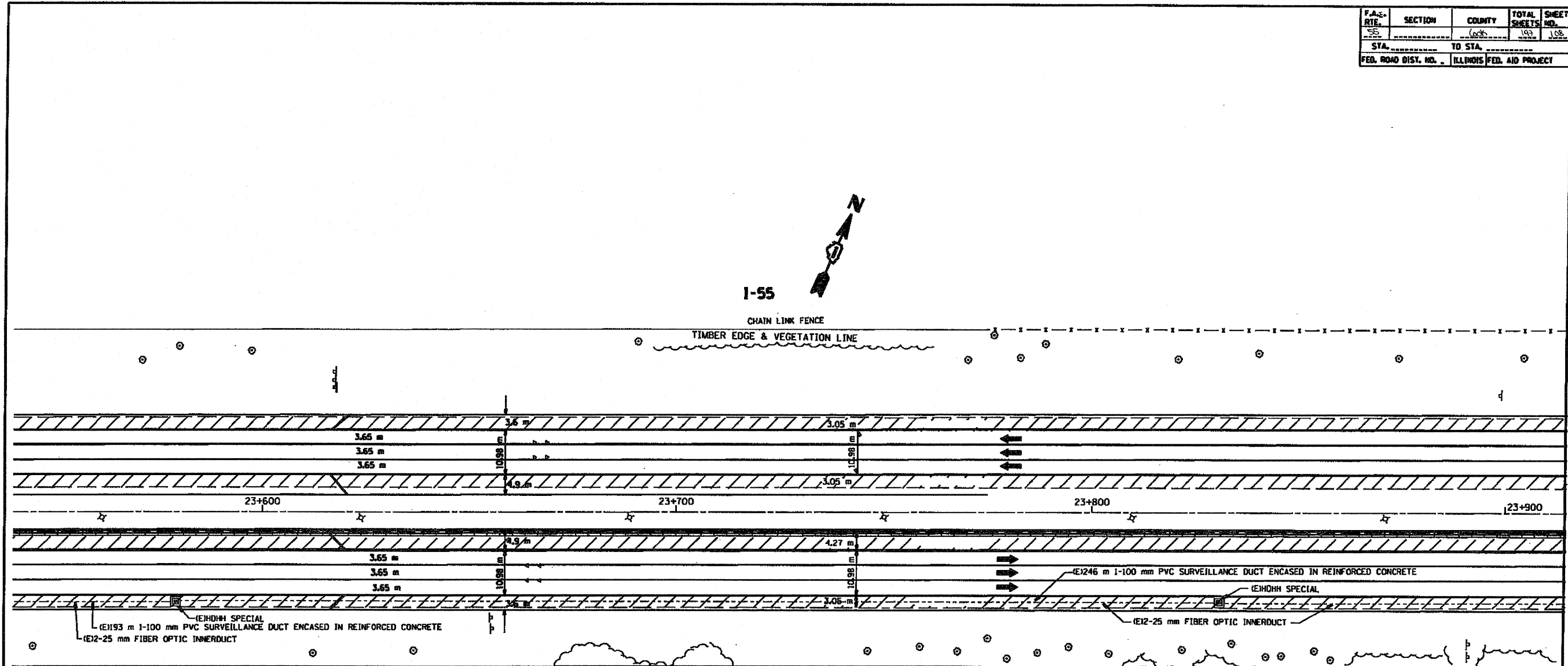
SYMBOL	LEGEND
[Square]	INDUCTION LOOP
[Circle]	ROUND INDUCTION LOOP
[Square with X]	TSC CABINET
[Circle with X]	TELEPHONE SERVICE
[Square with X]	SERVICE INSTALLATION
[Square]	JUNCTION BOX
[Square]	HEAVY DUTY HAND HOLE
[Dashed line]	POLYETHYLENE DUCT
[Dashed line]	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(P)	PROPOSED
(I)	INSTALL
(R)	REMOVE

FOR INFORMATION ONLY
DMS-38

REVISIONS	
NAME	DATE
R.L.	08/08
R.L.	08/10

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
PROPOSED DMS 3/4 MIL.
W. OF CENTRAL AVE.
SCALE: 1/500
DATE: 3-99
DRAWN BY: G.M.
CHECKED BY: D.L.

F.A.S. - RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	6035	103	108	108
STA. _____ TO STA. _____		ILLINOIS FED. AID PROJECT		



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

- NOTES:**
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FOR INFORMATION ONLY

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER
NAME	DATE	
		16

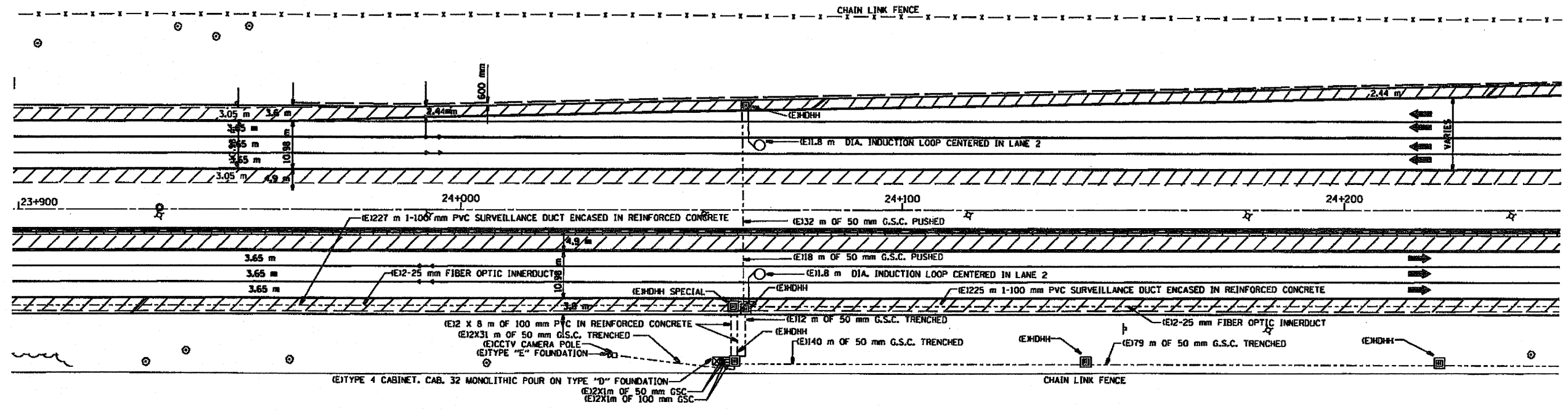
SCALE: 1:500
DATE: 3-99
DRAWN BY: G.M.
CHECKED BY: T.J.

RD-C PROJECTS TSC 550PR-AE, METSHEE1.DGN
RF #216904.DGN

F.A.A. DIST. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
35		609	102	100
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT _____		

GPS 41° 48.465 41.8078
87° 46.333 87.7722

I-55



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

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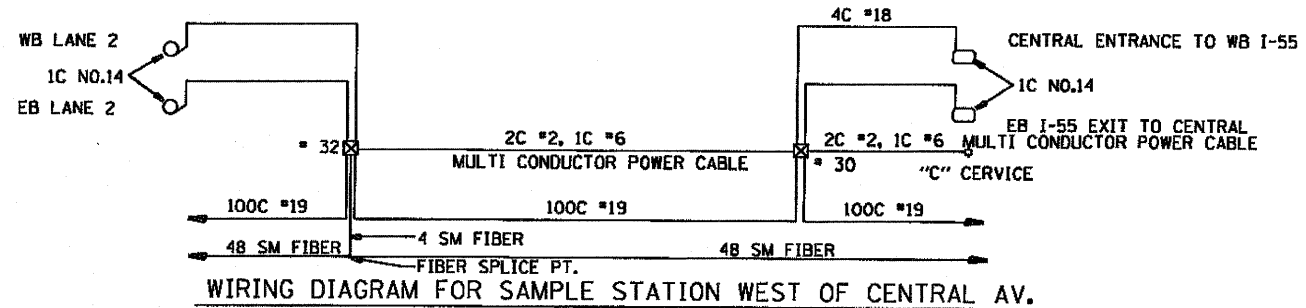
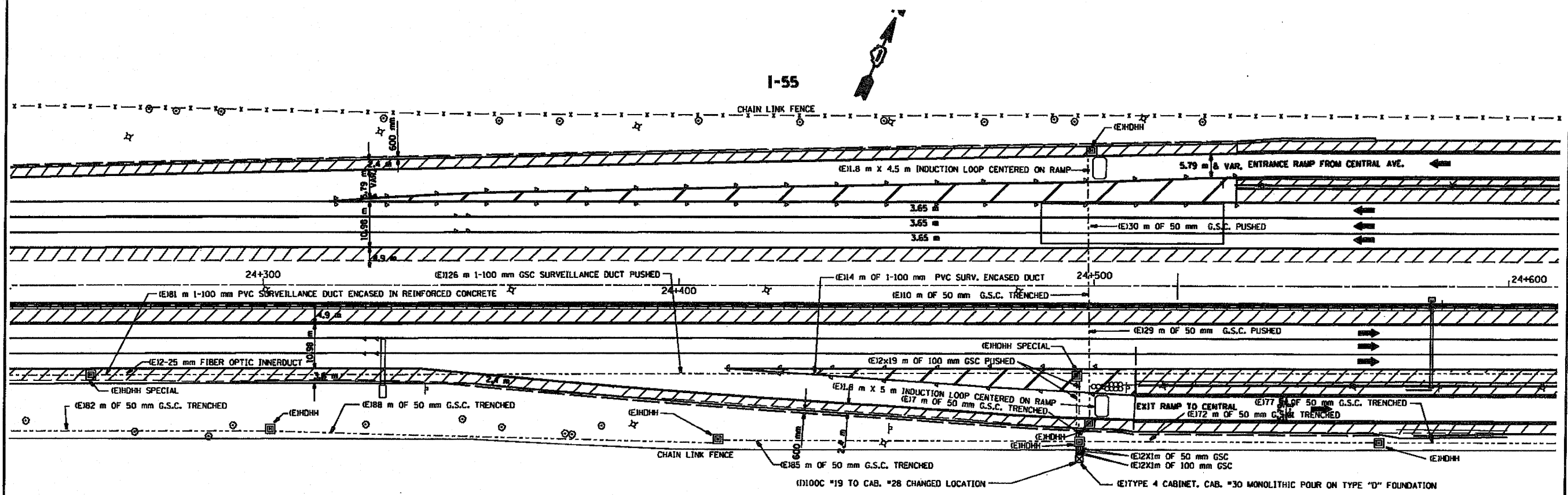
FOR INFORMATION ONLY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
15
SCALE: 1:500
DATE: 3-99
DRAWN BY: G.W.
CHECKED BY: T.D.

RD-CI PROJECTS TSC 550PR-HE METSHEE1.DGN
RF-CI PROJECTS TSC 550PR-HE P176ROAD.DGN

F.A. DIST. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	602	COOK	103	110
STA. 24+300		TO STA. 24+600		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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

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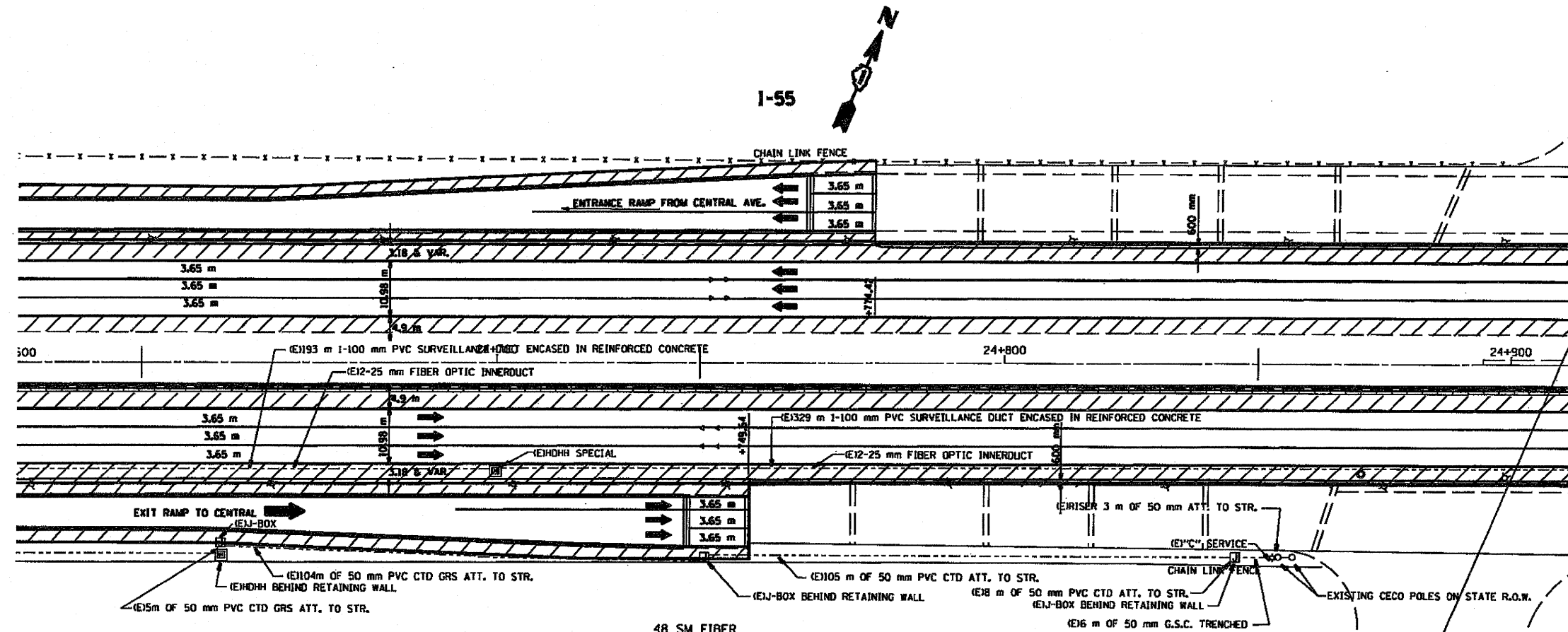
FOR INFORMATION ONLY

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER
NAME	DATE	
		14

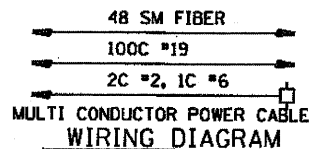
SCALE: 1:500
DATE: 3-99
DRAWN BY: G.M.
CHECKED BY: T.D.

PROJECTS TSC 550PR-HE METSHEEDON
 PROJECTS TSC 550PR-HE P2760ADON

F.A.2- RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75		Cook	103	111
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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



NOTES:

- CONTACT TSC ENGINEER PRIOR TO REMOVAL OF EXISTING CABINETS (708)524-2145.
- 100C #19 TELECOMMUNICATION CABLE SHALL ONLY BE SPLICED IN BARRIER WALL JUNCTION BOXES OR IN SURVEILLANCE CABINETS. IN AREAS WHERE CONDUITS RUN THROUGH EB RIGHT SHOULDER AND HEAVY DUTY HAND HOLE SPECIALS 100C #19 CABLES SHALL BE PULLED CONTINUOUS FROM CABINET TO CABINET, NO SPLICES WILL BE ALLOWED IN HAND HOLES.
- 48 SM FIBER OPTIC CABLE SHALL BE ORDERED AND PULLED IN MAXIMUM CABLE LENGTHS, ONLY SELECTIVE MIDSPAN CABLE SPLICES SHALL BE ALLOWED BETWEEN 48 SM FIBER AND 4 SM FIBER CABLES.
- FINAL CCTV LOCATIONS SHALL BE DETERMINED BY BUCKET SURVEY, LOCATIONS SHOWN ON PLANS ARE FOR INFORMATION ONLY. FINAL LOCATIONS MAY VARY FROM LOCATIONS SHOWN.
- CABINET FOUNDATION/HDDH CABINET PAD SHALL BE A MONOLITHIC POUR.
- CONTRACTOR SHALL CONTACT TSC ENGINEER PRIOR TO INDUCTION LOOP REPLACEMENT (708)524-2145.
- WHERE 100 mm PVC ENCASED IN REINFORCED CONCRETE CROSSES MEDIAN, CONDUIT ENCASEMENT SHALL BE 1m (36") DEPTH MINIMUM.
- HEAVY DUTY HAND HOLE SPECIALS SHALL BE INSTALLED PER PLAN AND AT 365 m (1200') INTERVALS MINIMUM.

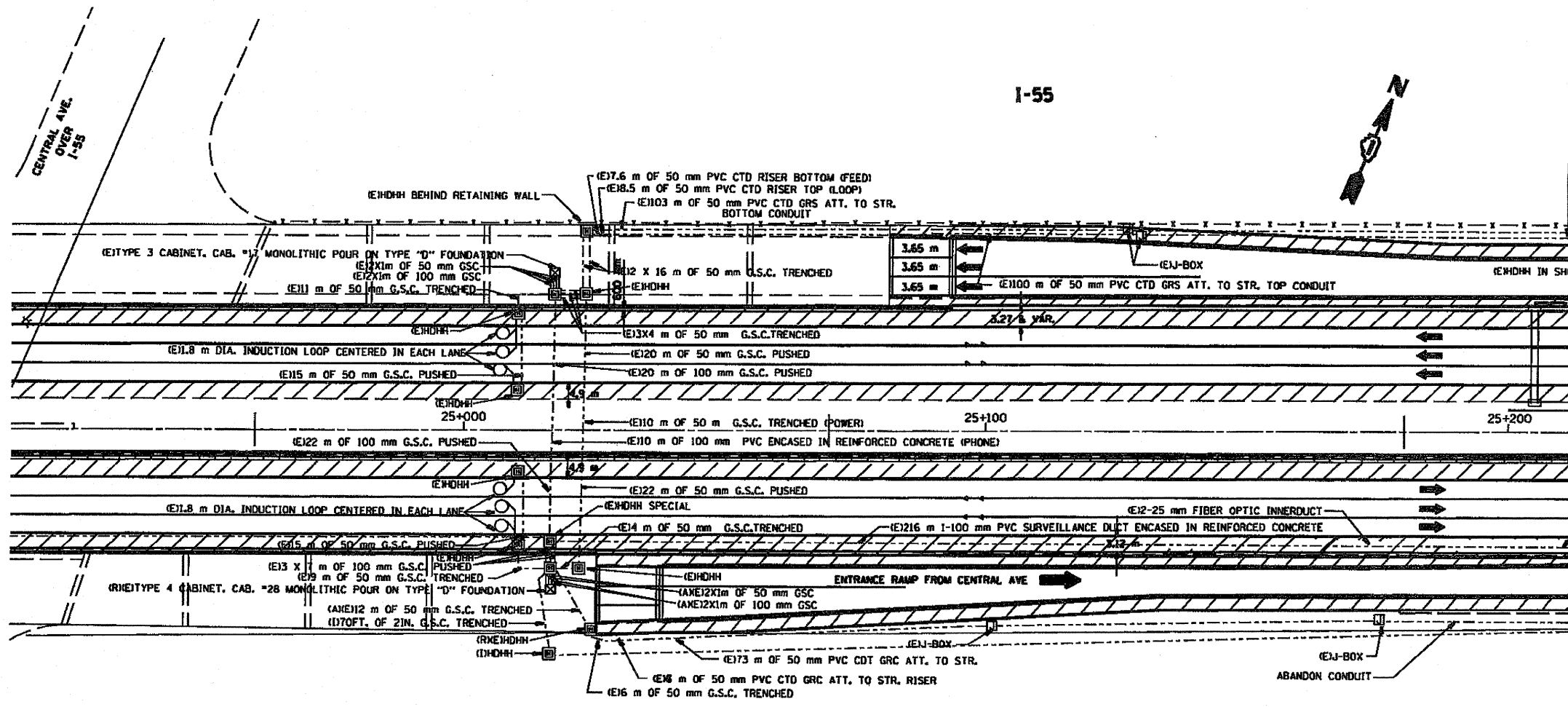
FOR INFORMATION ONLY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
13
SCALE: 1:500
DATE: 3-99
DRAWN BY: G.A.L.
CHECKED BY: T.D.

RD-C: PROJECTS TSC 550PR-HE METSHEE1.DGN
RF-C: PROJECTS TSC 550PR-HE P27090A.DGN

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72		608	193	112
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		



GPS 41° 48.659 41.8110
87° 45.705 87.7618

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

NOTES:

- 1.- CONTACT TSC ENGINEER PRIOR TO REMOVAL OF EXISTING CABINETS (7081524-2145).
- 2.- 100C #19 TELECOMMUNICATION CABLE SHALL ONLY BE SPLICED IN BARRIER WALL JUNCTION BOXES OR IN SURVEILLANCE CABINETS. IN AREAS WHERE CONDUITS RUN THROUGH EB RIGHT SHOULDER AND HEAVY DUTY HAND HOLE SPECIALS 100C #19 CABLES SHALL BE PULLED CONTINUOUS FROM CABINET TO CABINET, NO SPLICES WILL BE ALLOWED IN HAND HOLES.
- 3.- 48 SM FIBER OPTIC CABLE SHALL BE ORDERED AND PULLED IN MAXIMUM CABLE LENGTHS, ONLY SELECTIVE MIDSPAN CABLE SPLICES SHALL BE ALLOWED BETWEEN 48 SM FIBER AND 4 SM FIBER CABLES.
- 4.- FINAL CCTV LOCATIONS SHALL BE DETERMINED BY BUCKEY SURVEY. LOCATIONS SHOWN ON PLANS ARE FOR INFORMATION ONLY. FINAL LOCATIONS MAY VARY FROM LOCATIONS SHOWN.
- 5.- CABINET FOUNDATION/HDDH CABINET PAD SHALL BE A MONOLITHIC POUR.
- 6.- CONTRACTOR SHALL CONTACT TSC ENGINEER PRIOR TO INDUCTION LOOP REPLACEMENT (7081524-2145).
- 7.- WHERE 100 mm PVC ENCASED IN REINFORCED CONCRETE CROSSES MEDIAN, CONDUIT ENCASUREMENT SHALL BE 1m (36") DEPTH MINIMUM.
- 8.- HEAVY DUTY HAND HOLE SPECIALS SHALL BE INSTALLED PER PLAN AND AT 365 m (1200') INTERVALS MINIMUM.

SEE CONTRACT 60999 SHEETS

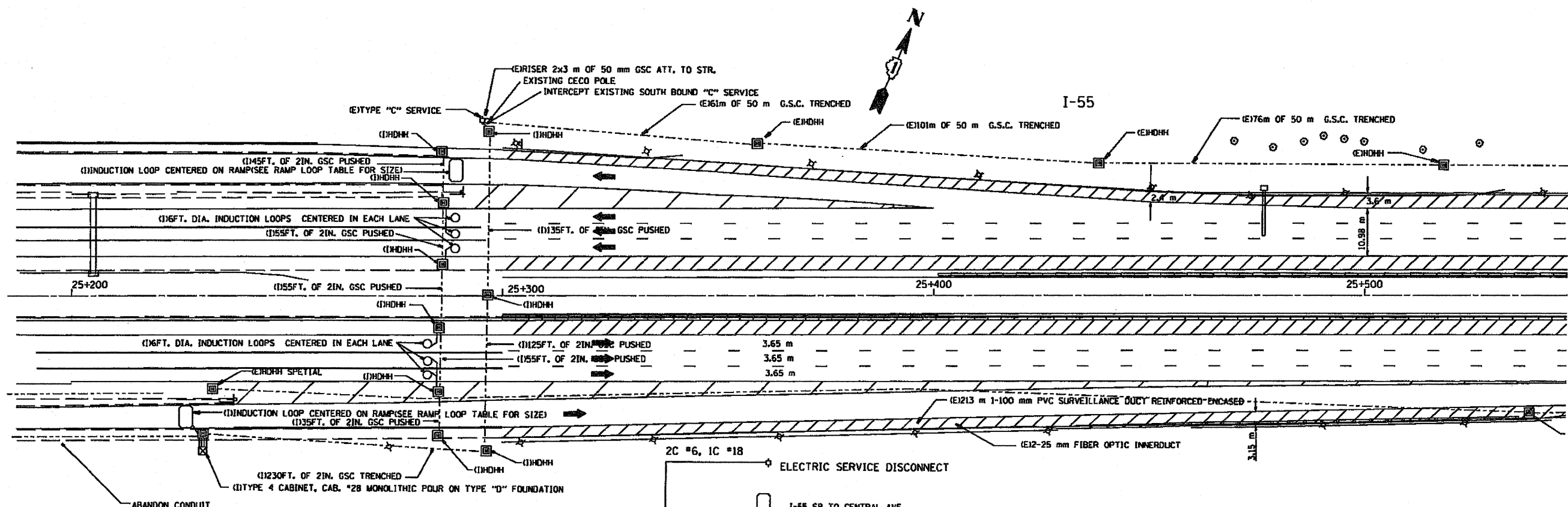
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER
NAME	DATE	
		12

SCALE: 1:500
DATE: 3-99
DRAWN BY: G.A.L.
CHECKED BY: T.D.

R0=C: PROJECTS TSC 550PR-AE METSHEE1.DGN
 R1=C: PROJECTS TSC 550PR-AE P21650A.DGN

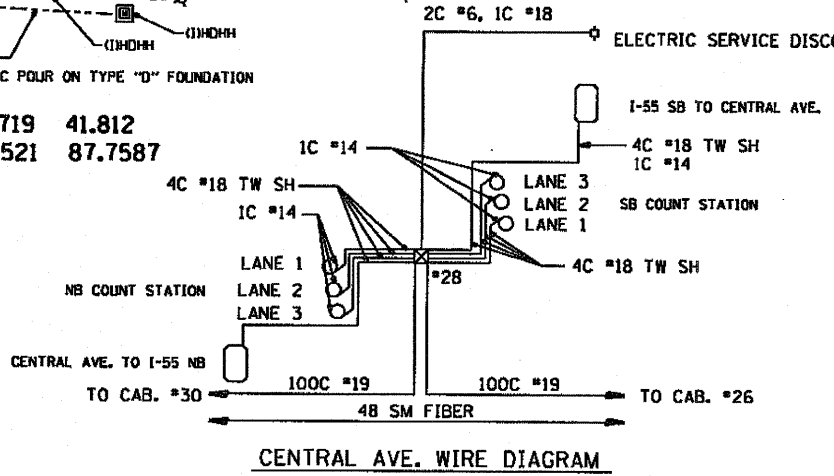
F.A.-3- RTE.	SECTION	COUNTY	TOTAL SHEETS NO.
55	6000	193	113
STA. _____ TO STA. _____		ILLINOIS FED. AID PROJECT	

- NOTES:
- "C" SERVICE SHALL HAVE 2-SINGLE POLE 30 AMP. BREAKERS.
 - ELECTRIC SERVICE SHALL BE 120/240 SINGLE PHASE 3 WIRE SERVICE.
 - CONTACT TSC ENGINEER PRIOR TO REMOVAL OF EXISTING CABINETS (7081524-2145).
 - 100C #19 TELECOMMUNICATION CABLE SHALL ONLY BE SPLICED IN BARRIER WALL, JUNCTION BOXES OR IN SURVEILLANCE CABINETS. IN AREAS WHERE CONDUITS RUN THROUGH EB RIGHT SHOULDER AND HEAVY DUTY HAND HOLE SPECIALS 100C #19 CABLES SHALL BE PULLED CONTINUOUS FROM CABINET TO CABINET, NO SPLICES WILL BE ALLOWED IN HAND HOLES.
 - 48 SM FIBER OPTIC CABLE SHALL BE ORDERED AND PULLED IN MAXIMUM CABLE LENGTHS. ONLY SELECTIVE MIDSPAN CABLE SPLICES SHALL BE ALLOWED BETWEEN 48 SM FIBER AND 4 SM FIBER CABLES.
 - FINAL CCTV LOCATIONS SHALL BE DETERMINED BY BUCKET SURVEY. LOCATIONS SHOWN ON PLANS ARE FOR INFORMATION ONLY. FINAL LOCATIONS MAY VARY FROM LOCATIONS SHOWN.
 - CABINET FOUNDATION/HDDH CABINET PAD SHALL BE A MONOLITHIC POUR.
 - CONTRACTOR SHALL CONTACT TSC ENGINEER PRIOR TO INDUCTION LOOP REPLACEMENT (7081524-2145).
 - WHERE 100 mm PVC ENCASED IN REINFORCED CONCRETE CROSSES MEDIAN, CONDUIT ENCASUREMENT SHALL BE 1m (36") DEPTH MINIMUM.
 - HEAVY DUTY HAND HOLE SPECIALS SHALL BE INSTALLED PER PLAN AND AT 365 m (1200') INTERVALS MINIMUM.



GPS 47 48.719 41.812
87 45.521 87.7587

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



SEE CONTRACT 60999 SHEETS

REVISIONS	
NAME	DATE
T.R.	9/1/10

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
11
SCALE: 1:500
DATE 3-99
DRAWN BY G.M.
CHECKED BY T.D.

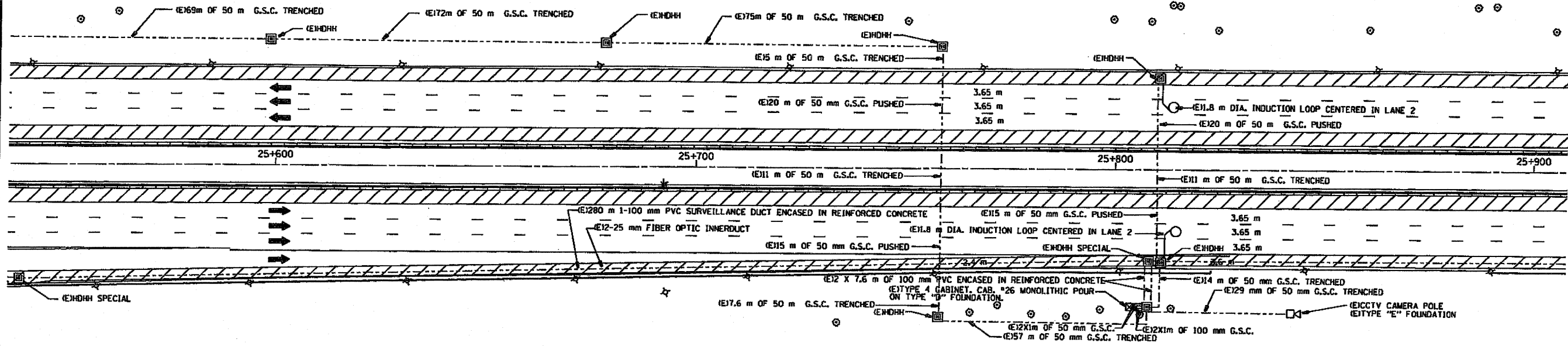
RD-CI PROJECTS TSC 550PR-AE METSHEE1.DGN
RF-CI PROJECTS TSC 550PR-AE P21690A.CAD

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	193	111
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



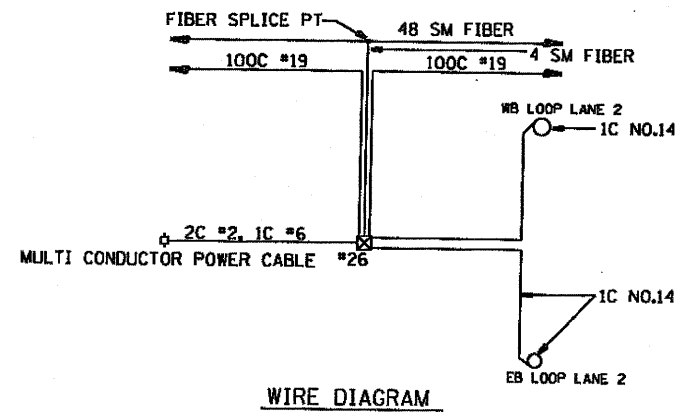
GPS 41° 48.831 41.8139
87° 45.168 87.7528

I-55



- NOTE:**
- 1.- TSC ENGINEER SHALL DETERMINE FINAL CCTV POLE PLACEMENT.
 - 2.- CONTACT TSC ENGINEER PRIOR TO REMOVAL OF EXISTING CABINETS (708)524-2145.
 - 3.- 100C #19 TELECOMMUNICATION CABLE SHALL ONLY BE SPLICED IN BARRIER WALL JUNCTION BOXES OR IN SURVEILLANCE CABINETS. IN AREAS WHERE CONDUITS RUN THROUGH EB RIGHT SHOULDER AND HEAVY DUTY HAND HOLE SPECIALS 100C #19 CABLES SHALL BE PULLED CONTINUOUS FROM CABINET TO CABINET, NO SPLICES WILL BE ALLOWED IN HAND HOLES.
 - 4.- 48 SM FIBER OPTIC CABLE SHALL BE ORDERED AND PULLED IN MAXIMUM CABLE LENGTHS. ONLY SELECTIVE MIDSPAN CABLE SPLICES SHALL BE ALLOWED BETWEEN 48 SM FIBER AND 4 SM FIBER CABLES.
 - 5.- FINAL CCTV LOCATIONS SHALL BE DETERMINED BY BUCKET SURVEY. LOCATIONS SHOWN ON PLANS ARE FOR INFORMATION ONLY.
 - 6.- CABINET FOUNDATION/HDDH CABINET PAD SHALL BE A MONOLITHIC POUR.
 - 7.- CONTRACTOR SHALL CONTACT TSC ENGINEER PRIOR TO INDUCTION LOOP REPLACEMENT (708)524-2145.
 - 8.- WHERE 100 mm PVC ENCASED IN REINFORCED CONCRETE CROSSES MEDIAN, CONDUIT ENCASEMENT SHALL BE 1m (36") DEPTH MINIMUM.
 - 9.- HEAVY DUTY HAND HOLE SPECIALS SHALL BE INSTALLED PER PLAN AND AT 365 m (1200') INTERVALS MINIMUM.

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



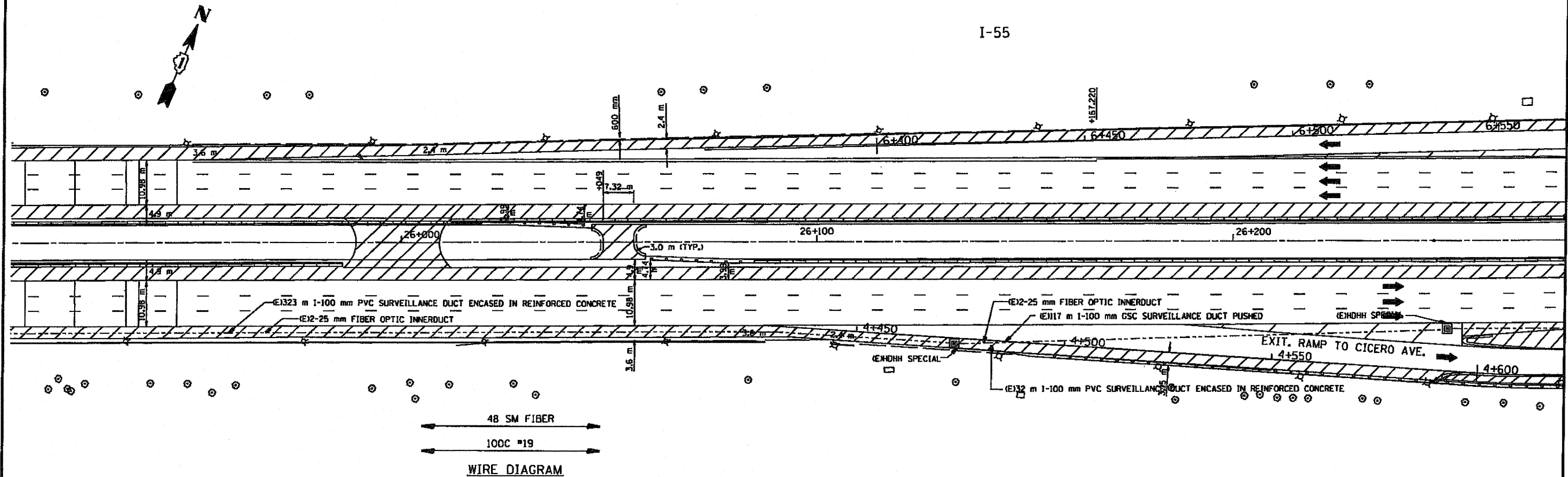
FOR INFORMATION ONLY

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER
NAME	DATE	
		10

SCALE: 1:500
DATE 3-99
DRAWN BY G.M.
CHECKED BY T.D.

ROAD PROJECTS TSC 550PR-HE METSHEE1.DGN
TRCA PROJECTS TSC 550PR-HE P270504.DGN

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
155	6206	COOK	197	115
STA. 62+000		TO STA. 62+500		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



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

NOTES:

- CONTACT TSC ENGINEER PRIOR TO REMOVAL OF EXISTING CABINETS (708)524-2145.
- 100C #19 TELECOMMUNICATION CABLE SHALL ONLY BE SPLICED IN BARRIER WALL JUNCTION BOXES OR IN SURVEILLANCE CABINETS. IN AREAS WHERE CONDUITS RUN THROUGH EB RIGHT SHOULDER AND HEAVY DUTY HAND HOLE SPECIALS 100C #19 CABLES SHALL BE PULLED CONTINUOUS FROM CABINET TO CABINET, NO SPLICES WILL BE ALLOWED IN HAND HOLES.
- 48 SM FIBER OPTIC CABLE SHALL BE ORDERED AND PULLED IN MAXIMUM CABLE LENGTHS. ONLY SELECTIVE MIDSPAN CABLE SPLICES SHALL BE ALLOWED BETWEEN 48 SM FIBER AND 4 SM FIBER CABLES.
- FINAL CCTV LOCATIONS SHALL BE DETERMINED BY BUCKET SURVEY. LOCATIONS SHOWN ON PLANS ARE FOR INFORMATION ONLY. FINAL LOCATIONS MAY VARY FROM LOCATIONS SHOWN.
- CABINET FOUNDATION/HOHH CABINET PAD SHALL BE A MONOLITHIC POUR.
- CONTRACTOR SHALL CONTACT TSC ENGINEER PRIOR TO INDUCTION LOOP REPLACEMENT (708)524-2145.
- WHERE 100 mm PVC ENCASED IN REINFORCED CONCRETE CROSSES MEDIAN, CONDUIT ENCASEMENT SHALL BE 1m (36") DEPTH MINIMUM.
- HEAVY DUTY HAND HOLE SPECIALS SHALL BE INSTALLED PER PLAN AND AT 365 m (1200') INTERVALS MINIMUM.

FOR INFORMATION ONLY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER

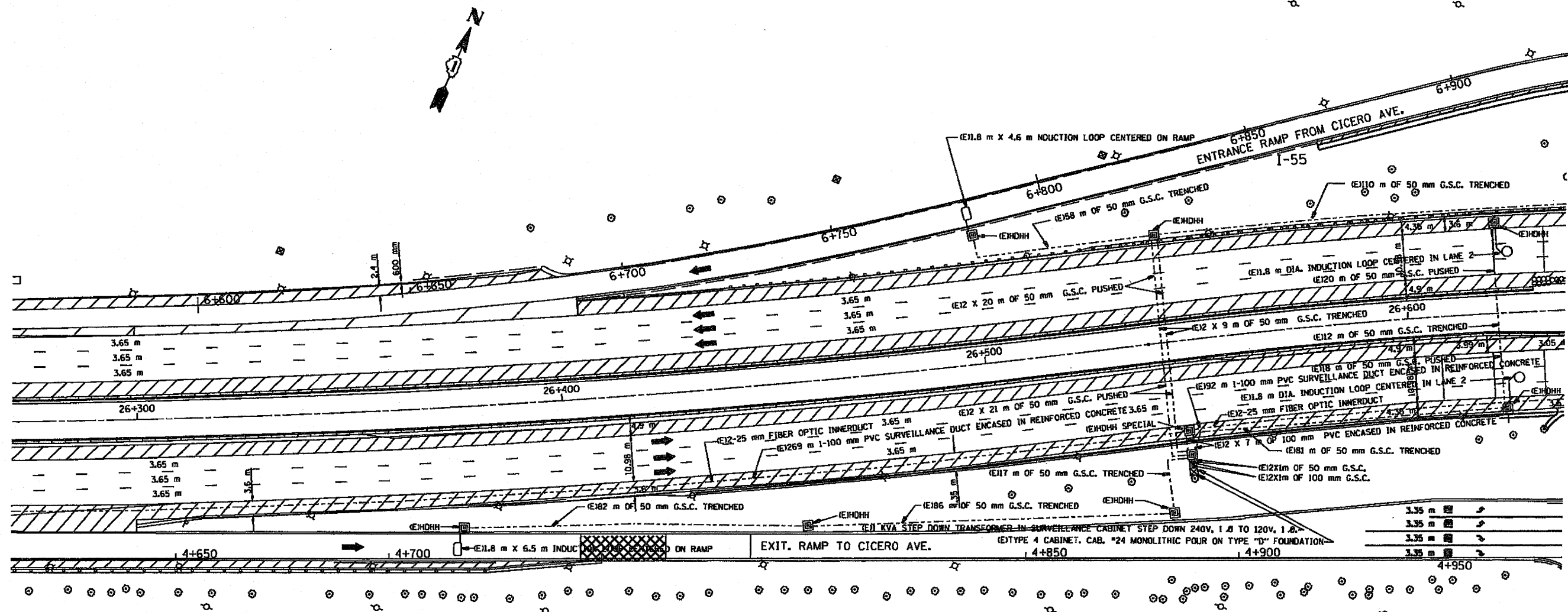
9

SCALE: 1:500
DATE 3-99

DRAWN BY G.J.
CHECKED BY T.D.

RD-C: PROJECTS TSC SURPR-HE METSHEE1.DGN
 BF-C: PROJECTS TSC SURPR-HE P21630A1E.DGN

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEET
255		Cook	SHEETS NO.
STA. 26+00	TO STA. 26+900		197
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	



LOOP GPS 41° 49.012 41.8169
87° 44.637 87.744

CABINET GPS 41° 52.338 41.8723
87° 47.148 87.7858

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

NOTES:

- 1.- CONTACT TSC ENGINEER PRIOR TO REMOVAL OF EXISTING CABINETS (70BIS24-2145).
- 2.- 100C #19 TELECOMMUNICATION CABLE SHALL ONLY BE SPLICED IN BARRIER WALL JUNCTION BOXES OR IN SURVEILLANCE CABINETS. IN AREAS WHERE CONDUITS RUN THROUGH EB RIGHT SHOULDER AND HEAVY DUTY HAND HOLE SPECIALS 100C #19 CABLES SHALL BE PULLED CONTINUOUS FROM CABINET TO CABINET, NO SPLICES WILL BE ALLOWED IN HAND HOLES.
- 3.- 4B SM FIBER OPTIC CABLE SHALL BE ORDERED AND PULLED IN MAXIMUM CABLE LENGTHS. ONLY SELECTIVE MIDSPAN CABLE SPLICES SHALL BE ALLOWED BETWEEN 4B SM FIBER AND 4 SM FIBER CABLES.
- 4.- FINAL CCTV LOCATIONS SHALL BE DETERMINED BY BUCKET SURVEY, LOCATIONS SHOWN ON PLANS ARE FOR INFORMATION ONLY. FINAL LOCATIONS MAY VARY FROM LOCATIONS SHOWN.
- 5.- CABINET FOUNDATION/HDDH CABINET PAD SHALL BE A MONOLITHIC POUR.
- 6.- CONTRACTOR SHALL CONTACT TSC ENGINEER PRIOR TO INDUCTION LOOP REPLACEMENT (70BIS24-2145).
- 7.- WHERE 100 mm PVC ENCASED IN REINFORCED CONCRETE CROSSES MEDIAN, CONDUIT ENCASEMENT SHALL BE 1m (36") DEPTH MINIMUM.
- 8.- HEAVY DUTY HAND HOLE SPECIALS SHALL BE INSTALLED PER PLAN AND AT 365 m (1200') INTERVALS MINIMUM.

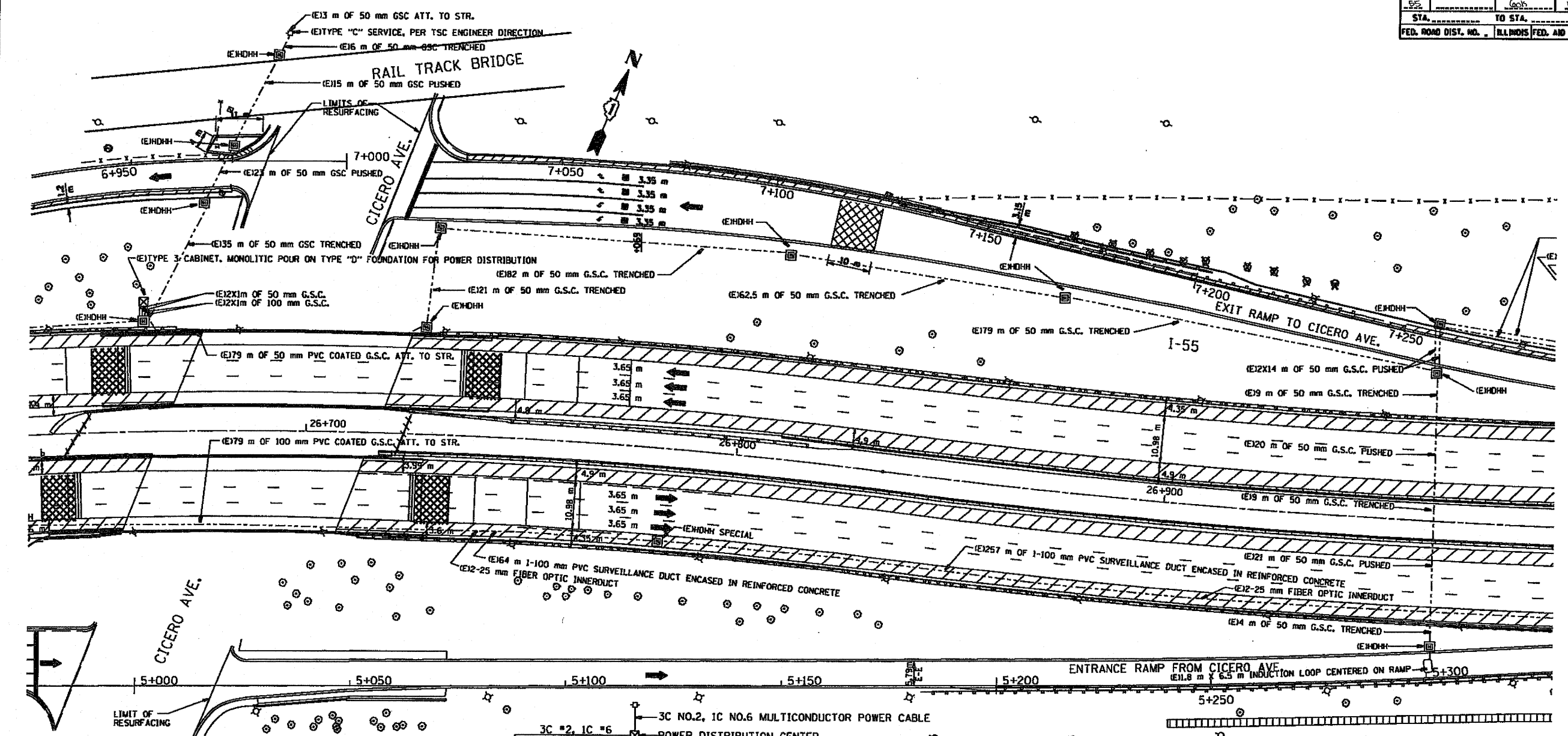
FOR INFORMATION ONLY

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER
NAME	DATE	
		8

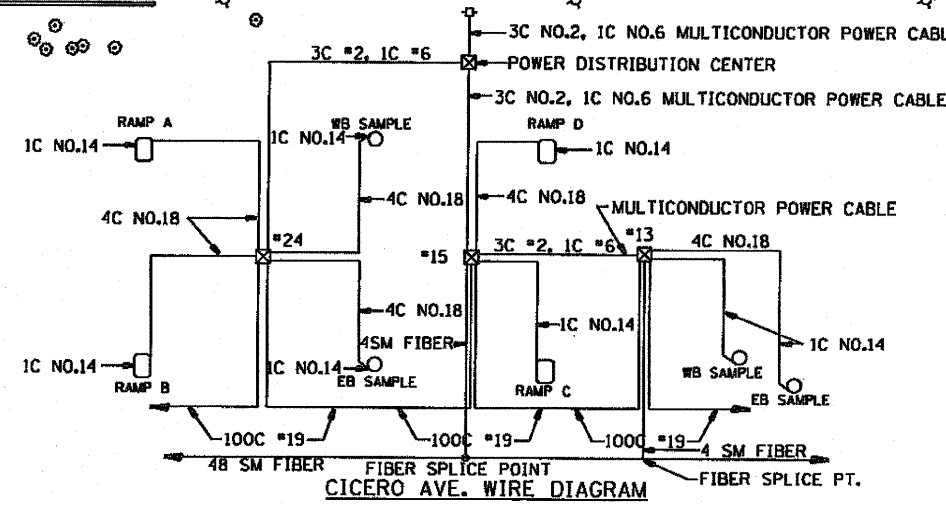
SCALE: 1:500
DATE: 3-99
DRAWN BY: G.M.
CHECKED BY: T.D.

RD-METSHEE1.DGN
BY: P278304L.DGN

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95		COOK	197	117
STA. _____ TO STA. _____		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT		



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



- NOTES:
- 1.- ELECTRIC SERVICE REQUIREMENTS 120/240, 1 Ø, 3 WIRE SERVICE.
 - 2.- CONTACT TSC ENGINEER PRIOR TO REMOVAL OF EXISTING CABINETS (708)524-2145.
 - 3.- 100C #19 TELECOMMUNICATION CABLE SHALL ONLY BE SPLICED IN BARRIER WALL JUNCTION BOXES OR IN SURVEILLANCE CABINETS. IN AREAS WHERE CONDUITS RUN THROUGH EB RIGHT SHOULDER AND HEAVY DUTY HAND HOLE SPECIALS 100C #19 CABLES SHALL BE PULLED CONTINUOUS FROM CABINET TO CABINET, NO SPLICES WILL BE ALLOWED IN HAND HOLES.
 - 4.- 48 SM FIBER OPTIC CABLE SHALL BE ORDERED AND PULLED IN MAXIMUM CABLE LENGTHS. ONLY SELECTIVE MIDSPAN CABLE SPLICES SHALL BE ALLOWED BETWEEN 48 SM FIBER AND 4 SM FIBER CABLES.
 - 5.- FINAL CCTV LOCATIONS SHALL BE DETERMINED BY BUCKET SURVEY. LOCATIONS SHOWN ON PLANS ARE FOR INFORMATION ONLY. FINAL LOCATIONS MAY VARY FROM LOCATIONS SHOWN.
 - 6.- CABINET FOUNDATION/HDH CABINET PAD SHALL BE A MONOLITHIC POUR.
 - 7.- CONTRACTOR SHALL CONTACT TSC ENGINEER PRIOR TO INDUCTION LOOP REPLACEMENT (708)524-2145.
 - 8.- WHERE 100 mm PVC ENCASED IN REINFORCED CONCRETE CROSSES MEDIAN, CONDUIT ENCASEMENT SHALL BE 1m (36") DEPTH MINIMUM.
 - 9.- HEAVY DUTY HAND HOLE SPECIALS SHALL BE INSTALLED PER PLAN AND AT 365 m (1200') INTERVALS MINIMUM.

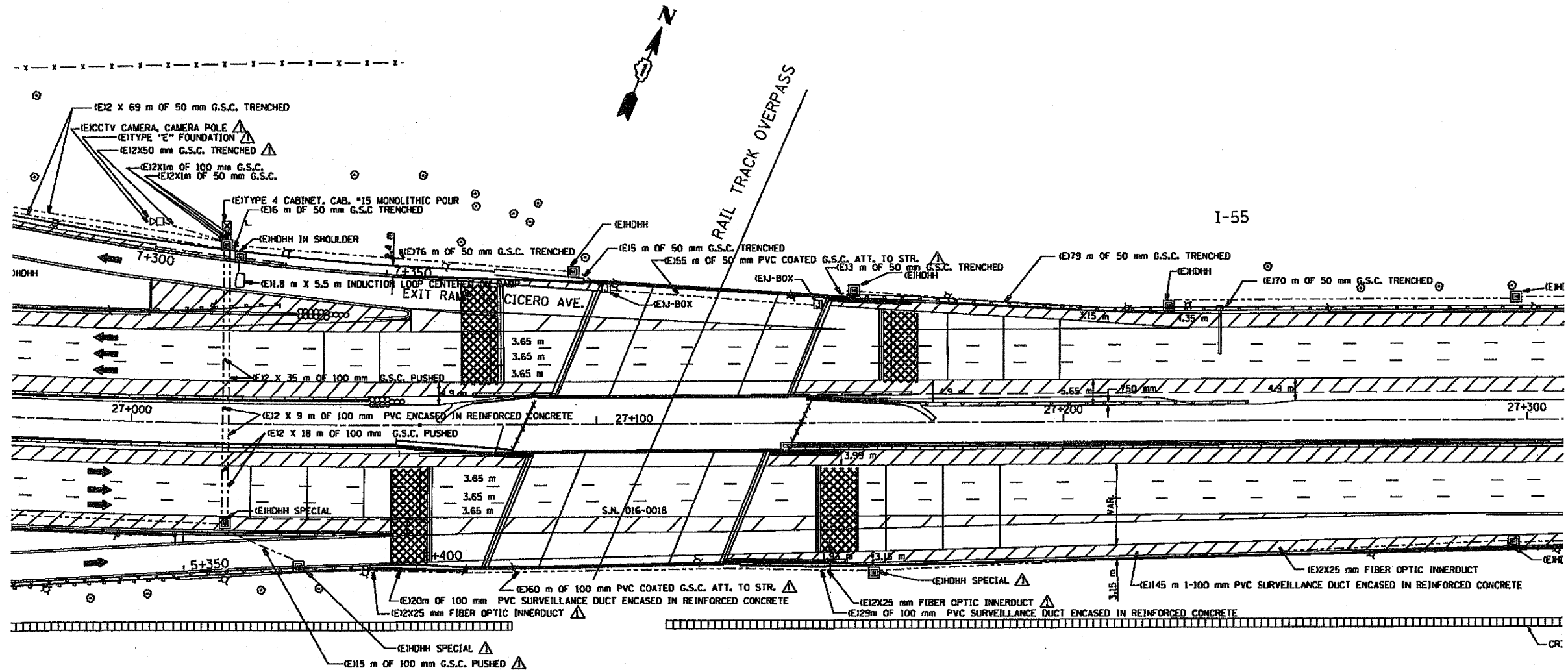
FOR INFORMATION ONLY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
7
SCALE: 1:500
DATE: 3-99
DRAWN BY: G.M.
CHECKED BY: T.D.

RD-METSHEE1.DGN
RF-P276904E.DGN

F.A.D. RYE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SPS		Cook	197	118
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT _____		



SYMBOL	LEGEND
□	INDUCTION LOOP
○	ROUND INDUCTION LOOP
■	TSC CABINET
◇	TELEPHONE SERVICE
□	SERVICE INSTALLATION
■	JUNCTION BOX
■	HEAVY DUTY HAND HOLE
---	POLYETHYLENE DUCT
---	GALVANIZED STEEL CONDUIT
⊕	EXISTING
⊖	PROPOSED
⊕	INSTALL
⊖	REMOVE

NOTES:

- 1.- CONTACT TSC ENGINEER PRIOR TO REMOVAL OF EXISTING CABINETS (708)524-2145.
- 2.- 100C #19 TELECOMMUNICATION CABLE SHALL ONLY BE SPLICED IN BARRIER WALL JUNCTION BOXES OR IN SURVEILLANCE CABINETS. IN AREAS WHERE CONDUITS RUN THROUGH EB RIGHT SHOULDER AND HEAVY DUTY HAND HOLE SPECIALS 100C #19 CABLES SHALL BE PULLED CONTINUOUS FROM CABINET TO CABINET, NO SPLICES WILL BE ALLOWED IN HAND HOLES.
- 3.- 48 SM FIBER OPTIC CABLE SHALL BE ORDERED AND PULLED IN MAXIMUM CABLE LENGTHS. ONLY SELECTIVE MIDSPAN CABLE SPLICES SHALL BE ALLOWED BETWEEN 48 SM FIBER AND 4 SM FIBER CABLES.
- 4.- FINAL CCTV LOCATIONS SHALL BE DETERMINED BY BUCKET SURVEY. LOCATIONS SHOWN ON PLANS ARE FOR INFORMATION ONLY. FINAL LOCATIONS MAY VARY FROM LOCATIONS SHOWN.
- 5.- CABINET FOUNDATION/HDDH CABINET PAD SHALL BE A MONOLITHIC POUR.
- 6.- CONTRACTOR SHALL CONTACT TSC ENGINEER PRIOR TO INDUCTION LOOP REPLACEMENT (708)524-2145.
- 7.- WHERE 100 mm PVC ENCASED IN REINFORCED CONCRETE CROSSES MEDIAN, CONDUIT ENCASEMENT SHALL BE 1m (36") DEPTH MINIMUM.
- 8.- HEAVY DUTY HAND HOLE SPECIALS SHALL BE INSTALLED PER PLAN AND AT 365 m (1200') INTERVALS MINIMUM.

FOR INFORMATION ONLY

REVISIONS	
NAME	DATE
R.L.	4-00

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER

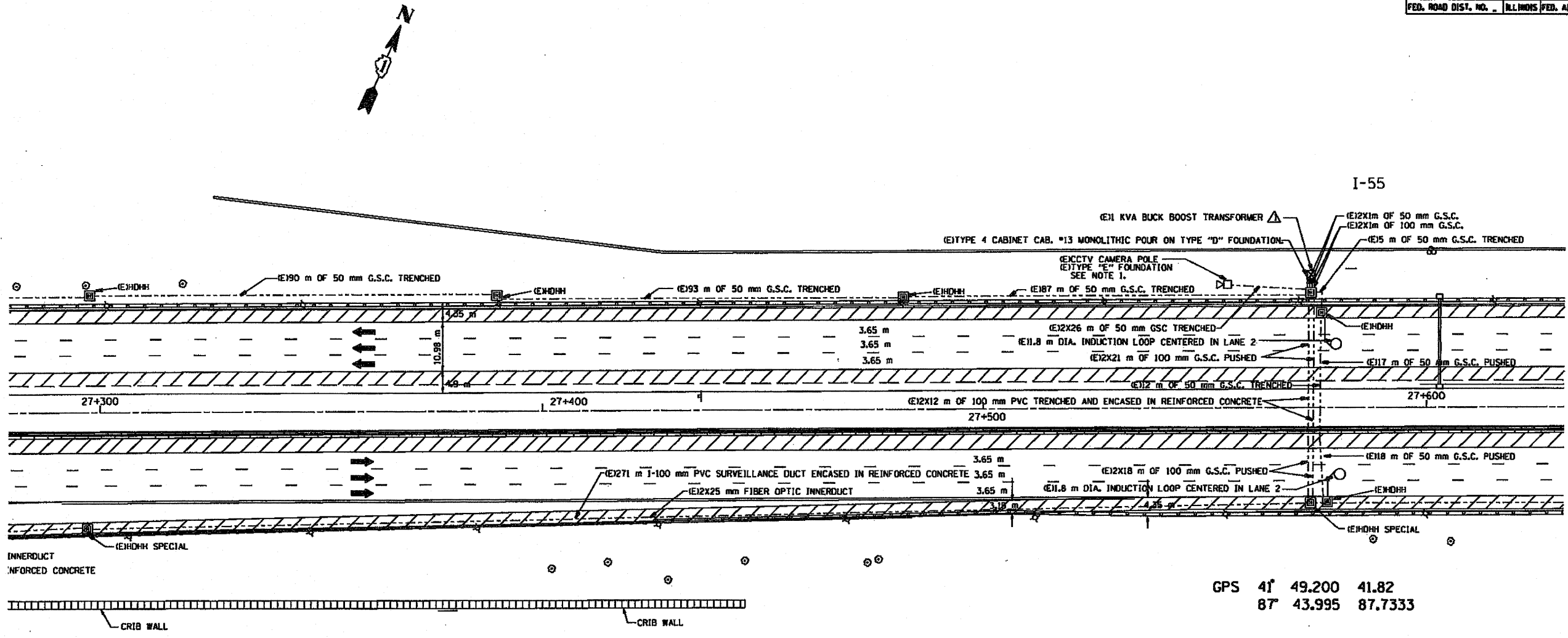
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SCALE: 1:500
DATE: 3-99

DRAWN BY: G.J.L.
CHECKED BY: T.D.

RD-C PROJECTS TSC 590PP-HE, METSHEE.DGN
RF-0500PP-HE, P2190AE.DGN

F.A.S. RIE.	SECTION	COUNTY	TOTAL SHEETS NO.	SHEET NO.
56	602	602	193	119
STA. 27+300		TO STA. 27+600		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



GPS 41° 49.200 41.82
87° 43.995 87.7333

- NOTES:**
- 1- TSC ENGINEER SHALL DETERMINE FINAL CCTV POLE PLACEMENT.
 - 2- CONTACT TSC ENGINEER PRIOR TO REMOVAL OF EXISTING CABINETS (7081524-2145).
 - 3- 100C #19 TELECOMMUNICATION CABLE SHALL ONLY BE SPLICED IN BARRIER WALL JUNCTION BOXES OR IN SURVEILLANCE CABINETS. IN AREAS WHERE CONDUITS RUN THROUGH EB RIGHT SHOULDER AND HEAVY DUTY HAND HOLE SPECIALS 100C #19 CABLES SHALL BE PULLED CONTINUOUS FROM CABINET TO CABINET, NO SPLICES WILL BE ALLOWED IN HAND HOLES.
 - 4- 48 SM FIBER OPTIC CABLE SHALL BE ORDERED AND PULLED IN MAXIMUM CABLE LENGTHS. ONLY SELECTIVE MIDSPAN CABLE SPLICES SHALL BE ALLOWED BETWEEN 48 SM FIBER AND 4 SM FIBER CABLES.
 - 5- FINAL CCTV LOCATIONS SHALL BE DETERMINED BY BUCKET SURVEY. LOCATIONS SHOWN ON PLANS ARE FOR INFORMATION ONLY. FINAL LOCATIONS MAY VARY FROM LOCATIONS SHOWN.
 - 6- CABINET FOUNDATION/HDDH CABINET PAD SHALL BE A MONOLITHIC POUR.
 - 7- CONTRACTOR SHALL CONTACT TSC ENGINEER PRIOR TO INDUCTION LOOP REPLACEMENT (7081524-2145).
 - 8- WHERE 100 mm PVC ENCASED IN REINFORCED CONCRETE CROSSES MEDIAN, CONDUIT ENCASEMENT SHALL BE 1m (36") DEPTH MINIMUM.
 - 9- HEAVY DUTY HAND HOLE SPECIALS SHALL BE INSTALLED PER PLAN AND AT 365 m (1200') INTERVALS MINIMUM.

SYMBOL	LEGEND
[Square]	INDUCTION LOOP
[Circle]	ROUND INDUCTION LOOP
[Square with X]	TSC CABINET
[Circle with X]	TELEPHONE SERVICE
[Square with dot]	SERVICE INSTALLATION
[Square with cross]	JUNCTION BOX
[Square with vertical lines]	HEAVY DUTY HAND HOLE
[Dashed line]	POLYETHYLENE DUCT
[Dotted line]	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(P)	PROPOSED
(I)	INSTALL
(R)	REMOVE

FOR INFORMATION ONLY

REVISIONS	
NAME	DATE
RL	4-00

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER

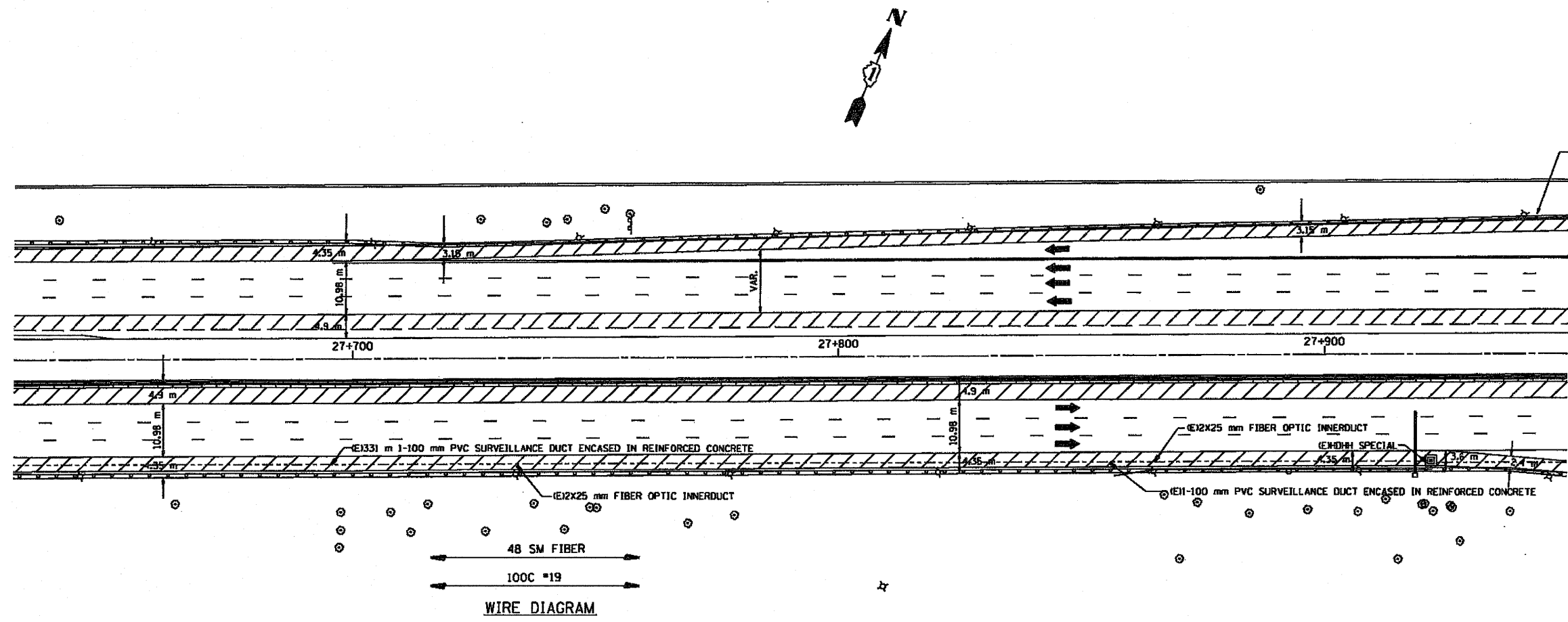
5

SCALE: 1:500
DATE 3-99

DRAWN BY G.M.
CHECKED BY T.D.

RD-C PROJECTS TSC 850PR-HE, METSHEE1.DGN
RF-C850PR-HE, P2750A1.DGN

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
35	603	COCH	97	120
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		



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

NOTES:

- CONTACT TSC ENGINEER PRIOR TO REMOVAL OF EXISTING CABINETS (708)524-2145.
- 100C #19 TELECOMMUNICATION CABLE SHALL ONLY BE SPLICED IN BARRIER WALL JUNCTION BOXES OR IN SURVEILLANCE CABINETS. IN AREAS WHERE CONDUITS RUN THROUGH EB RIGHT SHOULDER AND HEAVY DUTY HAND HOLE SPECIALS 100C #19 CABLES SHALL BE PULLED CONTINUOUS FROM CABINET TO CABINET. NO SPLICES WILL BE ALLOWED IN HAND HOLES.
- 48 SM FIBER OPTIC CABLE SHALL BE ORDERED AND PULLED IN MAXIMUM CABLE LENGTHS. ONLY SELECTIVE MIDSPAN CABLE SPLICES SHALL BE ALLOWED BETWEEN 48 SM FIBER AND 4 SM FIBER CABLES.
- FINAL CCTV LOCATIONS SHALL BE DETERMINED BY BUCKET SURVEY. LOCATIONS SHOWN ON PLANS ARE FOR INFORMATION ONLY. FINAL LOCATIONS MAY VARY FROM LOCATIONS SHOWN.
- CABINET FOUNDATION/HQHH CABINET PAD SHALL BE A MONOLITHIC POUR.
- CONTRACTOR SHALL CONTACT TSC ENGINEER PRIOR TO INDUCTION LOOP REPLACEMENT (708)524-2145.
- WHERE 100 mm PVC ENCASED IN REINFORCED CONCRETE CROSSES MEDIAN, CONDUIT ENCASEMENT SHALL BE 1m (36") DEPTH MINIMUM.
- HEAVY DUTY HAND HOLE SPECIALS SHALL BE INSTALLED PER PLAN AND AT 365 m (1200') INTERVALS MINIMUM.

FOR INFORMATION ONLY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER

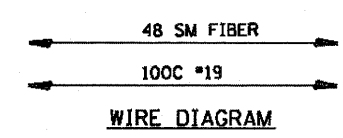
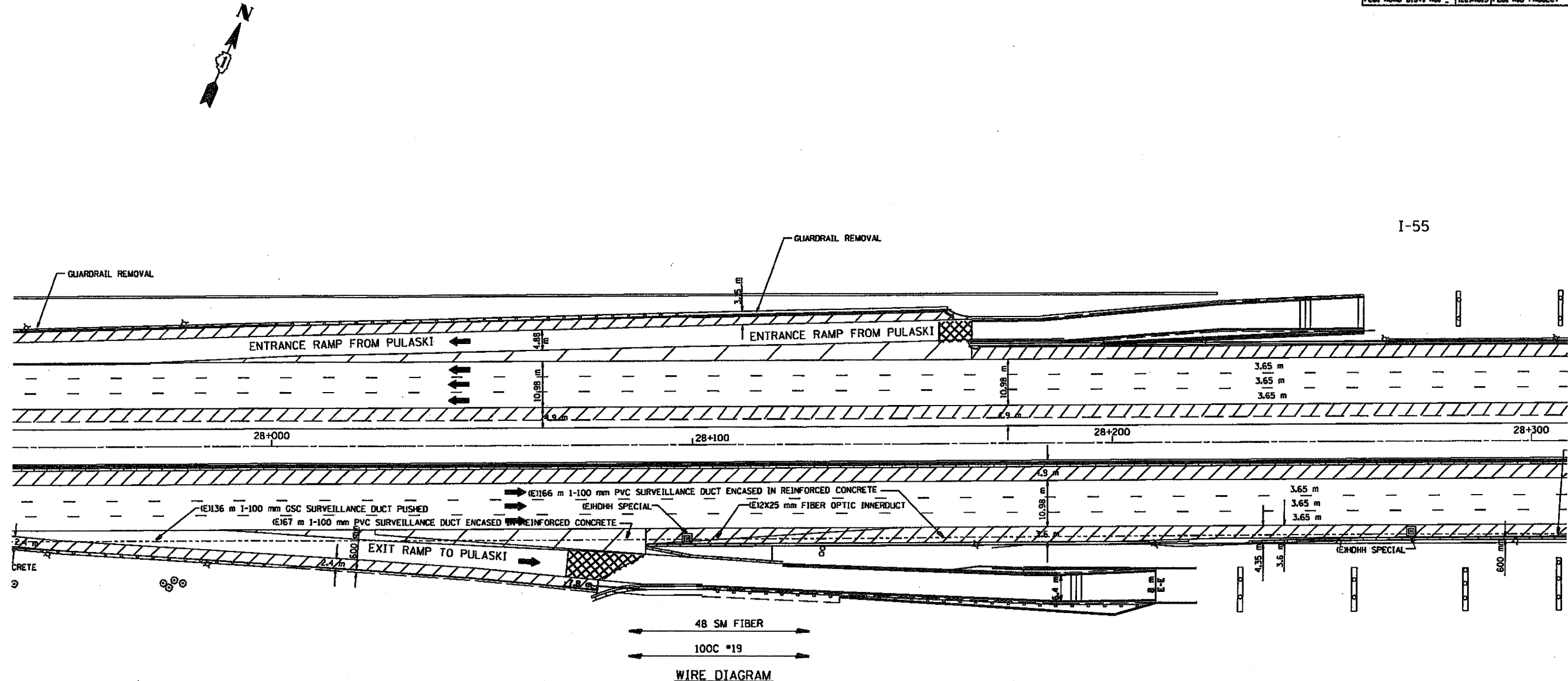
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SCALE: 1:500
DATE 3-99

DRAWN BY C.J.A.
CHECKED BY T.D.

PROJECTS TSC 580PR-HE, METSHEE/DON
 02/22/2010 10:18:56 AM

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55		COOK	197	121
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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

NOTES:

- 1.- CONTACT TSC ENGINEER PRIOR TO REMOVAL OF EXISTING CABINETS (708)524-2145.
- 2.- 100C #19 TELECOMMUNICATION CABLE SHALL ONLY BE SPLICED IN BARRIER WALL JUNCTION BOXES OR IN SURVEILLANCE CABINETS. IN AREAS WHERE CONDUITS RUN THROUGH EB RIGHT SHOULDER AND HEAVY DUTY HAND HOLE SPECIALS 100C #19 CABLES SHALL BE PULLED CONTINUOUS FROM CABINET TO CABINET. NO SPLICES WILL BE ALLOWED IN HAND HOLES.
- 3.- 48 SM FIBER OPTIC CABLE SHALL BE ORDERED AND PULLED IN MAXIMUM CABLE LENGTHS. ONLY SELECTIVE MIDSPAN CABLE SPLICES SHALL BE ALLOWED BETWEEN 48 SM FIBER AND 4 SM FIBER CABLES.
- 4.- FINAL CCTV LOCATIONS SHALL BE DETERMINED BY BUCKET SURVEY. LOCATIONS SHOWN ON PLANS ARE FOR INFORMATION ONLY. FINAL LOCATIONS MAY VARY FROM LOCATIONS SHOWN.
- 5.- CABINET FOUNDATION/HDDH CABINET PAD SHALL BE A MONOLITHIC POUR.
- 6.- CONTRACTOR SHALL CONTACT TSC ENGINEER PRIOR TO INDUCTION LOOP REPLACEMENT (708)524-2145.
- 7.- WHERE 100 mm PVC ENCASED IN REINFORCED CONCRETE CROSSES MEDIAN, CONDUIT ENCASMENT SHALL BE 1m (36") DEPTH MINIMUM.
- 8.- HEAVY DUTY HAND HOLE SPECIALS SHALL BE INSTALLED PER PLAN AND AT 365 m (1200') INTERVALS MINIMUM.

FOR INFORMATION ONLY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER

3

SCALE: 1:500
DATE 3-99

DRAWN BY G.J.
CHECKED BY T.D.

RD-CI PROJECTS TSC 550PR-4E, METSHEE1.DGN
RF #P21630MEL.DGN

F.A.S. RITE.	SECTION	COUNTY	TOTAL SHEETS NO.	SHEET NO.
199	1008	COOK	199	128
STA.		TO STA.		
FED. ROAD DIST. NO. .		ILLINOIS FED. AID PROJECT		

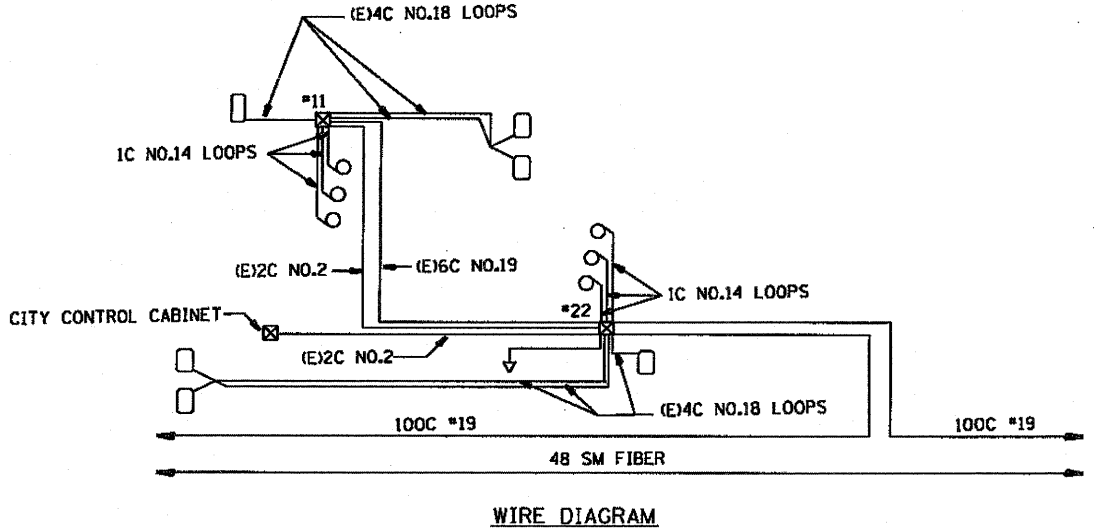
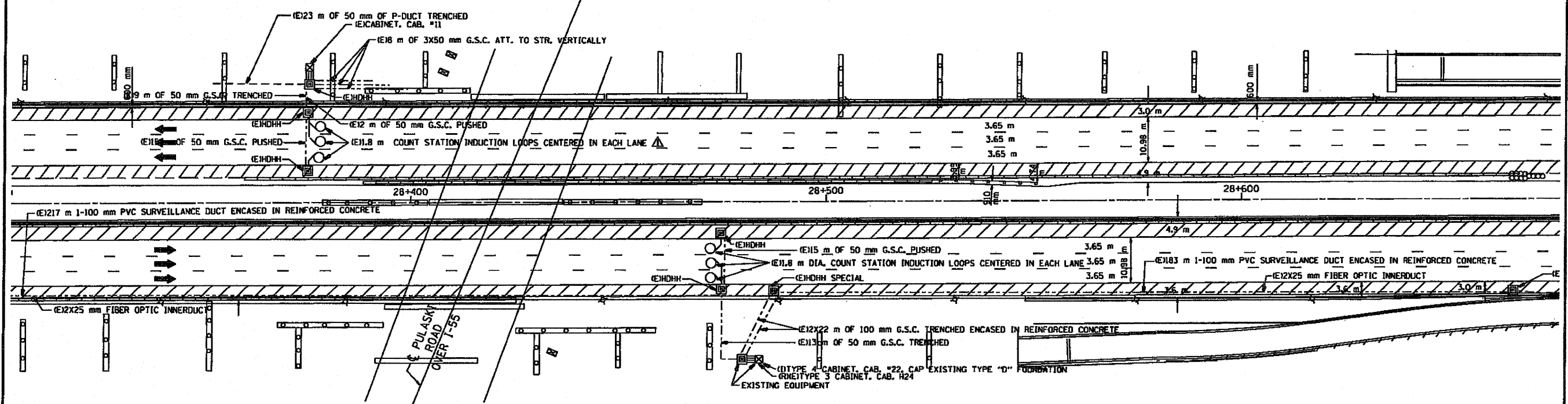
NOTES:

- 1.- CONTACT TSC ENGINEER PRIOR TO REMOVAL OF EXISTING CABINETS (708)524-2145.
- 2.- 100C #19 TELECOMMUNICATION CABLE SHALL ONLY BE SPLICED IN BARRIER WALL JUNCTION BOXES OR IN SURVEILLANCE CABINETS. IN AREAS WHERE CONDUITS RUN THROUGH EB RIGHT SHOULDER AND HEAVY DUTY HAND HOLE SPECIALS 100C #19 CABLES SHALL BE PULLED CONTINUOUS FROM CABINET TO CABINET, NO SPLICES WILL BE ALLOWED IN HAND HOLES.
- 3.- 48 SM FIBER OPTIC CABLE SHALL BE ORDERED AND PULLED IN MAXIMUM CABLE LENGTHS. ONLY SELECTIVE MIDSPAN CABLE SPLICES SHALL BE ALLOWED BETWEEN 48 SM FIBER AND 4 SM FIBER CABLES.
- 4.- FINAL CCTV LOCATIONS SHALL BE DETERMINED BY BUCKET SURVEY. LOCATIONS SHOWN ON PLANS ARE FOR INFORMATION ONLY. FINAL LOCATIONS MAY VARY FROM LOCATIONS SHOWN.
- 5.- CABINET FOUNDATION/HDH CABINET PAD SHALL BE A MONOLITHIC POUR.
- 6.- CONTRACTOR SHALL CONTACT TSC ENGINEER PRIOR TO INDUCTION LOOP REPLACEMENT (708)524-2145.
- 7.- WHERE 100 mm PVC ENCASED IN REINFORCED CONCRETE CROSSES MEDIAN, CONDUIT ENCASUREMENT SHALL BE 1m (36") DEPTH MINIMUM.
- 8.- HEAVY DUTY HAND HOLE SPECIALS SHALL BE INSTALLED PER PLAN AND AT 365 m (1200') INTERVALS MINIMUM.



GPS 41° 49.388 41.8231
87° 43.484 87.7247

GPS 41° 49.394 41.8232
87° 43.388 87.7231



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

FOR INFORMATION ONLY

REVISIONS	
NAME	DATE
RL	4-00

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER

2

SCALE: 1:500
DATE: 3-99

DRAWN BY: G.J.
CHECKED BY: T.D.

RD-C: PROJECTS TSC 550PR-4E, METSHEE1.DGN
RF-4550PR-4E, P216904E.DGN

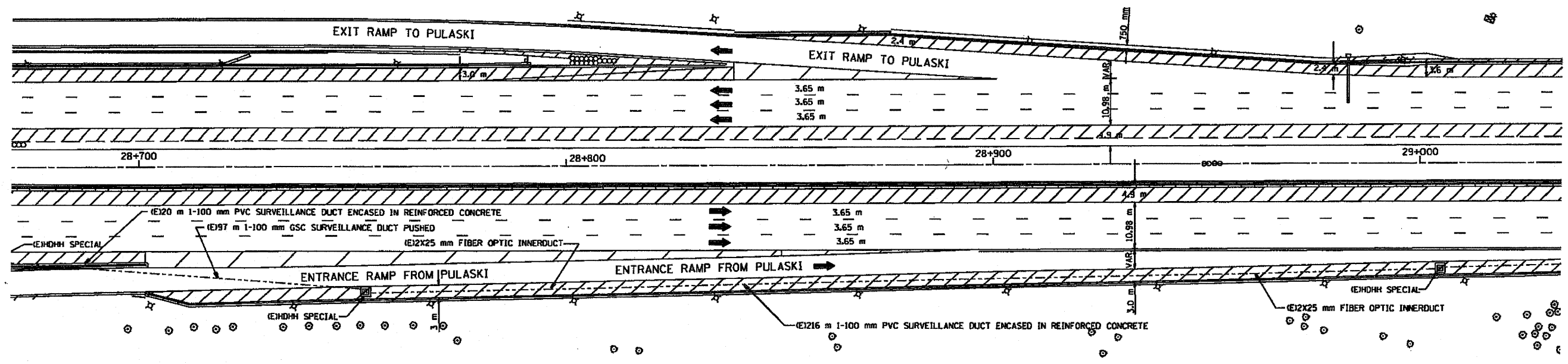
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55		Cook	157	132
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

NOTES:

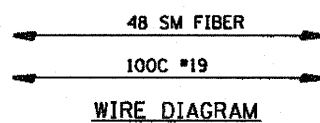
- 1.- CONTACT TSC ENGINEER PRIOR TO REMOVAL OF EXISTING CABINETS (7081524-2145).
- 2.- 100C #19 TELECOMMUNICATION CABLE SHALL ONLY BE SPLICED IN BARRIER WALL JUNCTION BOXES OR IN SURVEILLANCE CABINETS. IN AREAS WHERE CONDUITS RUN THROUGH EB RIGHT SHOULDER AND HEAVY DUTY HAND HOLE SPECIALS 100C #19 CABLES SHALL BE PULLED CONTINUOUS FROM CABINET TO CABINET, NO SPLICES WILL BE ALLOWED IN HAND HOLES.
- 3.- 48 SM FIBER OPTIC CABLE SHALL BE ORDERED AND PULLED IN MAXIMUM CABLE LENGTHS. ONLY SELECTIVE MIDSPAN CABLE SPLICES SHALL BE ALLOWED BETWEEN 48 SM FIBER AND 4 SM FIBER CABLES.
- 4.- FINAL CCTY LOCATIONS SHALL BE DETERMINED BY BUCKET SURVEY. LOCATIONS SHOWN ON PLANS ARE FOR INFORMATION ONLY. FINAL LOCATIONS MAY VARY FROM LOCATIONS SHOWN.
- 5.- CABINET FOUNDATION/HDDH CABINET PAD SHALL BE A MONOLITHIC POUR.
- 6.- CONTRACTOR SHALL CONTACT TSC ENGINEER PRIOR TO INDUCTION LOOP REPLACEMENT (7081524-2145).
- 7.- WHERE 100 mm PVC ENCASED IN REINFORCED CONCRETE CROSSES MEDIAN, CONDUIT ENCASEMENT SHALL BE 1m (36") DEPTH MINIMUM.
- 8.- HEAVY DUTY HAND HOLE SPECIALS SHALL BE INSTALLED PER PLAN AND AT 365 m (1200') INTERVALS MINIMUM.



I-55



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



FOR INFORMATION ONLY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TRAFFIC SYSTEMS CENTER
 1
 SCALE: 1:500
 DATE: 3-99
 DRAWN BY: G.M.
 CHECKED BY: T.D.

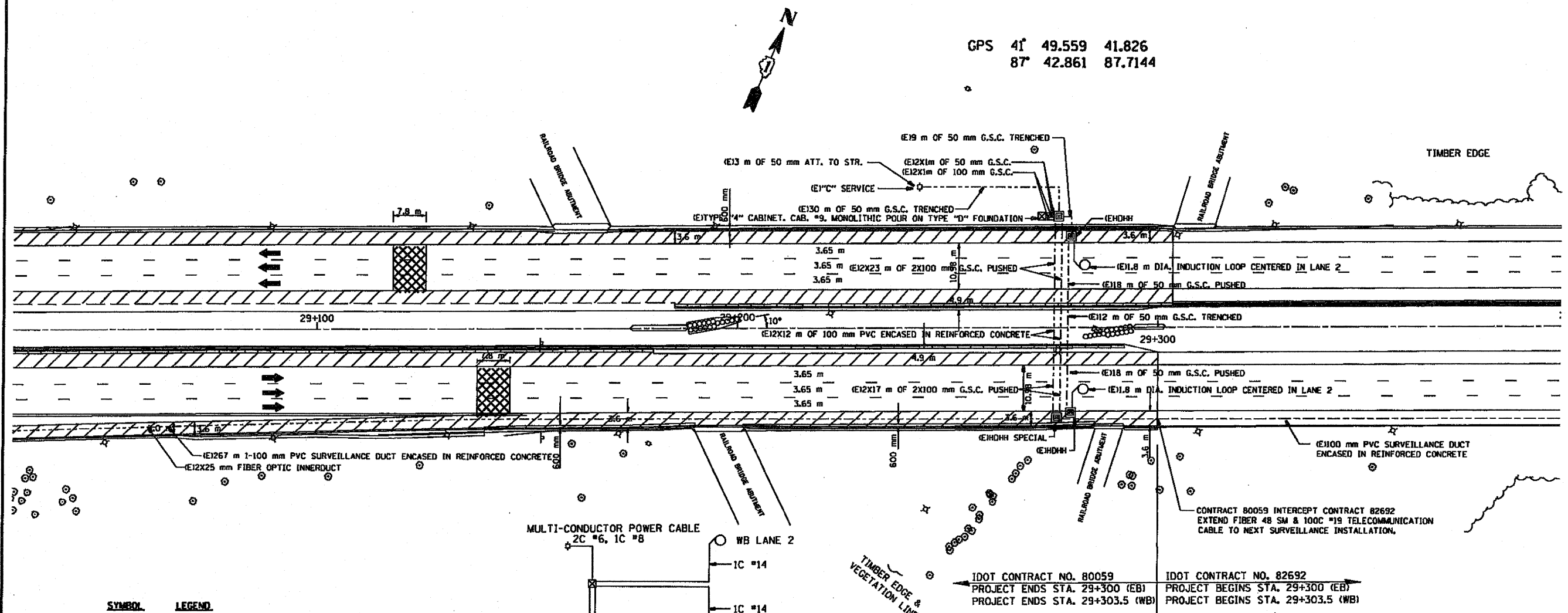
RD-C: PROJECTS TSC 5500P-HE, METSHEE1.DGN
 RP: 02/09/04/01

F.A.S. RIE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SS	CS08	COOK	197	197
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT _____		

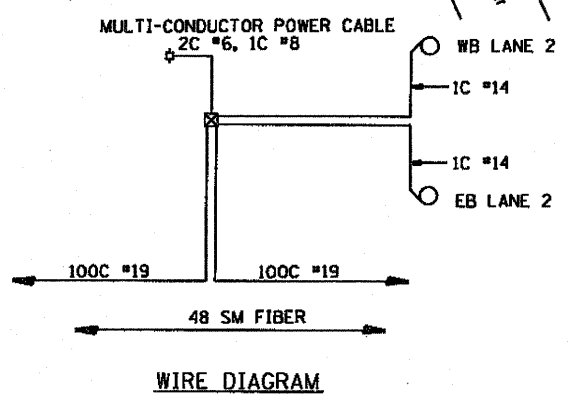
NOTES:

- 1.- CONTACT TSC ENGINEER PRIOR TO REMOVAL OF EXISTING CABINETS (708)524-2145.
- 2.- 100C #19 TELECOMMUNICATION CABLE SHALL ONLY BE SPLICED IN BARRIER WALL JUNCTION BOXES OR IN SURVEILLANCE CABINETS. IN AREAS WHERE CONDUITS RUN THROUGH EB RIGHT SHOULDER AND HEAVY DUTY HAND HOLE SPECIALS 100C #19 CABLES SHALL BE PULLED CONTINUOUS FROM CABINET TO CABINET, NO SPLICES WILL BE ALLOWED IN HAND HOLES.
- 3.- 48 SM FIBER OPTIC CABLE SHALL BE ORDERED AND PULLED IN MAXIMUM CABLE LENGTHS. ONLY SELECTIVE MIDSPAN CABLE SPLICES SHALL BE ALLOWED BETWEEN 48 SM FIBER AND 4 SM FIBER CABLES.
- 4.- FINAL CCTV LOCATIONS SHALL BE DETERMINED BY BUCKET SURVEY. LOCATIONS SHOWN ON PLANS ARE FOR INFORMATION ONLY. FINAL LOCATIONS MAY VARY FROM LOCATIONS SHOWN.
- 5.- CABINET FOUNDATION/HDDH CABINET PAD SHALL BE A MONOLITHIC POUR.
- 6.- CONTRACTOR SHALL CONTACT TSC ENGINEER PRIOR TO INDUCTION LOOP REPLACEMENT (708)524-2145.
- 7.- WHERE 100 mm PVC ENCASED IN REINFORCED CONCRETE CROSSES MEDIAN, CONDUIT ENCASEMENT SHALL BE 1m (36") DEPTH MINIMUM.
- 8.- HEAVY DUTY HAND HOLE SPECIALS SHALL BE INSTALLED PER PLAN AND AT 365 m (1200') INTERVALS MINIMUM.

GPS 41° 49.559 41.826
87° 42.861 87.7144



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



IDOT CONTRACT NO. 80059 PROJECT ENDS STA. 29+300 (EB) PROJECT ENDS STA. 29+303.5 (WB)
 IDOT CONTRACT NO. 82692 PROJECT BEGINS STA. 29+300 (EB) PROJECT BEGINS STA. 29+303.5 (WB)

FOR INFORMATION ONLY

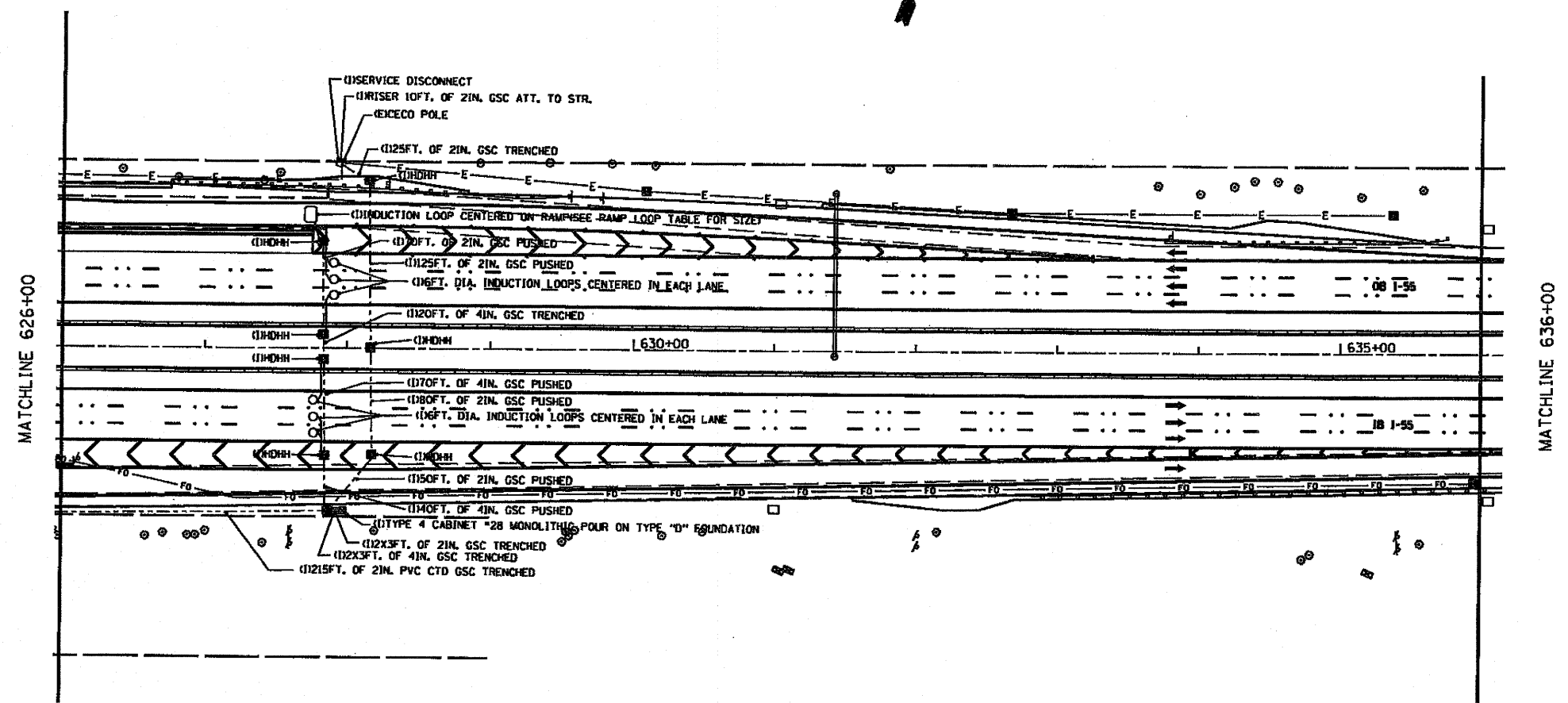
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER

SCALE: 1:500
DATE 3-99

DRAWN BY G.M.
CHECKED BY T.D.

RD-C PROJECTS TSC 550PR-RE, METSHEE/DON
RF-#276946.DGN



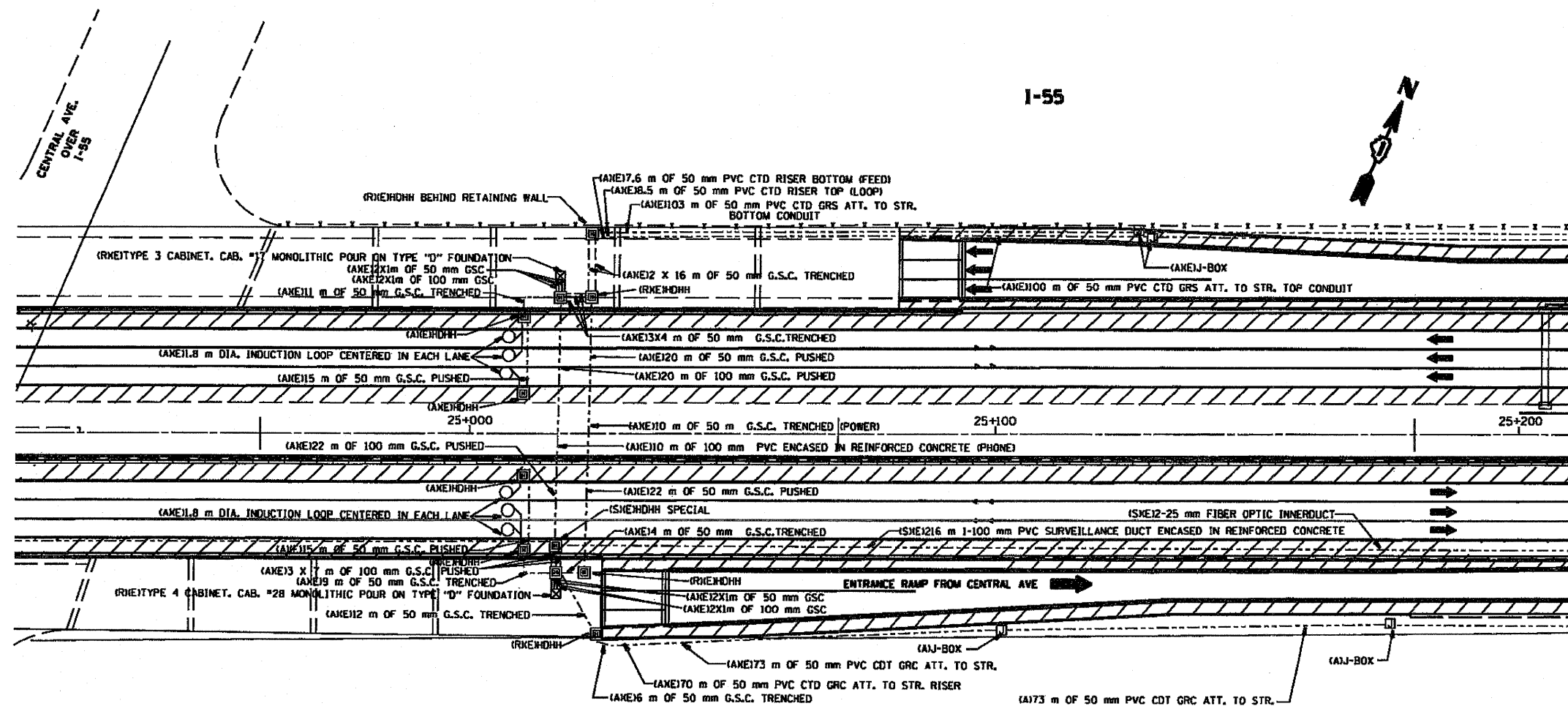
SYMBOL	LEGEND
□	INDUCTION LOOP
○	ROUND INDUCTION LOOP
■	TSC CABINET
○	TELEPHONE SERVICE
□	SERVICE INSTALLATION
■	JUNCTION BOX
■	HEAVY DUTY HAND HOLE
---	POLYETHYLENE DUCT
---	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(P)	PROPOSED
(I)	INSTALL
(R)	REMOVE

- NOTES:**
- IF ANY EXISTING FIBER OPTIC CABLE, COPPER CABLE, CONDUIT OR HDHH SPECIAL ARE DAMAGED THEY SHALL BE REPLACED AT CONTRACTORS EXPENCE. THE FIBER OPTIC CABLE AND COPPER CABLE WILL BE REPLACED BETWEEN SPLICE POINTS AT CCTV LOCATIONS CABINET #32 TO #26.
 - 100C #19 TELECOMMUNICATIONS CABLE SHALL ONLY BE SPLICED IN TYPE "J" JUNCTION BOX OR SURVEILLANCE CABINETS.
 - CABINET FOUNDATION/HDHH CABINET PAD SHALL BE MONOLITHIC POUR.
 - CONTRACTOR SHALL CONTACT TSC ENGINEER PRIOR TO INDUCTION LOOP INSTALLATION AT (708)524-2145.
 - FIBER OPTIC CABLE TO BE SPLICED IF NECESSARY ONLY AT ENGINEER'S APPROVED LOCATION, USUALLY AT CCTV SITES.
 - CONTRACT 60999 SHALL COORDINATE AND COOPERATE WITH CONTRACT 60164.

R:\C:\TERRY\ISS TSCSHEETS.DGN
 S:\C:\TERRY\ISS 555TRIPLE.DGN

FILE NAME = C:\Terry\ISS\TSCSHEETS.dgn	USER NAME = m200g	DESIGNED - T.R.	REVISD - 11/24/2010	TRAFFIC SYSTEMS CENTER STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED EAST OF CENTRAL AVE. INSTALLATION CONTRACT 60999	FOR INFORMATION ONLY														
PLOT SCALE = 1/8" = 1' IN.	CHECKED - T.R.	REVISD -	<table border="1"> <tr> <th>F.A.C. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>85</td> <td>(0621-01, 0507-0508) ACB</td> <td>COOK</td> <td>197</td> <td>125</td> </tr> <tr> <td colspan="3"></td> <td colspan="2" style="text-align: right;">CONTRACT NO. 60164</td> </tr> </table>			F.A.C. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	85	(0621-01, 0507-0508) ACB	COOK	197	125				CONTRACT NO. 60164	
F.A.C. RTE.	SECTION	COUNTY	TOTAL SHEETS			SHEET NO.														
85	(0621-01, 0507-0508) ACB	COOK	197	125																
			CONTRACT NO. 60164																	
PLOT DATE = 12/2/2010	DATE - 09/30/2010	REVISD -	<table border="1"> <tr> <th>SCALE</th> <th>SHEET NO.</th> <th>OF SHEETS</th> <th>STA.</th> <th>TO STA.</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	SCALE	SHEET NO.	OF SHEETS	STA.	TO STA.												
SCALE	SHEET NO.	OF SHEETS	STA.	TO STA.																

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SE	100-10, 100-100-100	COF	187	1208
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT _____		



SYMBOL	LEGEND
□	INDUCTION LOOP
○	ROUND INDUCTION LOOP
⊗	TSC CABINET
⊙	TELEPHONE SERVICE
⊠	SERVICE INSTALLATION
⊞	JUNCTION BOX
⊞	HEAVY DUTY HAND HOLE
---	POLYETHYLENE DUCT
----	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(A)	ABANDON
(R)	REMOVE
(S)	SAVE

NOTES:

- 1- CONTACT TSC ENGINEER PRIOR TO REMOVAL OF EXISTING CABINETS (700)524-2145.
- 2- 100C #19 TELECOMMUNICATION CABLE SHALL BE CAREFULLY DISCONNECTED FROM TYPE 66 CONNECTOR BLOCK.
- 3- THE FULL LENGTH OF 100C #19 TELECOMMUNICATIONS CABLE SHALL BE PULLED BACK AND STORED IN (E) HDH SPECIAL. THE CABLE SHALL NOT BE DAMAGED IN ANY WAY.
- 4- 100C #19 TELECOMMUNICATIONS CABLE SHALL BE SPLICED WITH U1B CONNECTORS IN THE (E) HDH SPECIAL. THIS IS A TEMPORARY SPLICE.
- 5- WHEN THE JUNCTION BOX TO BE EMBEDDED IN THE RETAINING WALL IS FINISHED, THE 100C #19 TELECOMMUNICATIONS CABLE SHALL BE PULLED IN AND SPLICE THERE.

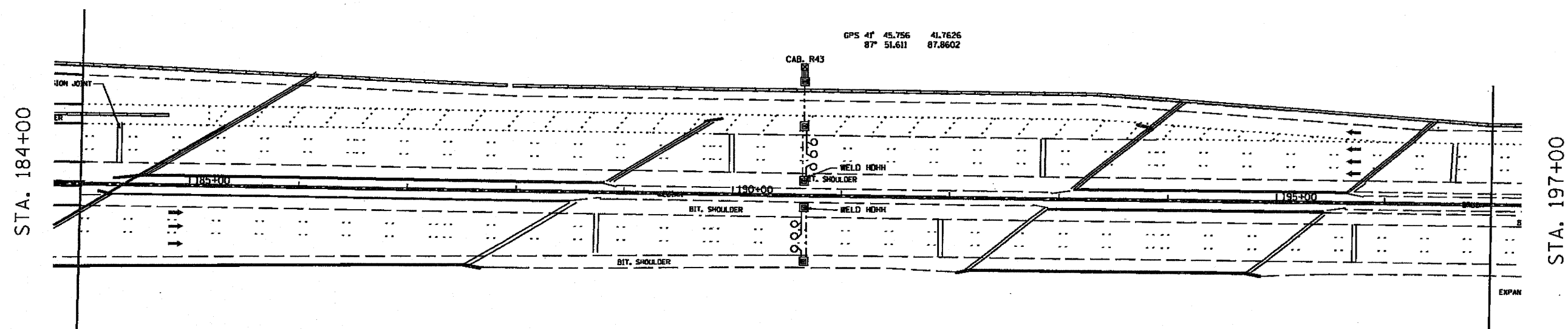
FOR INFORMATION ONLY
REMOVAL/EXISTING PLAN

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER
NAME	DATE	
T.R.	09/2010	CONTRACT 60999

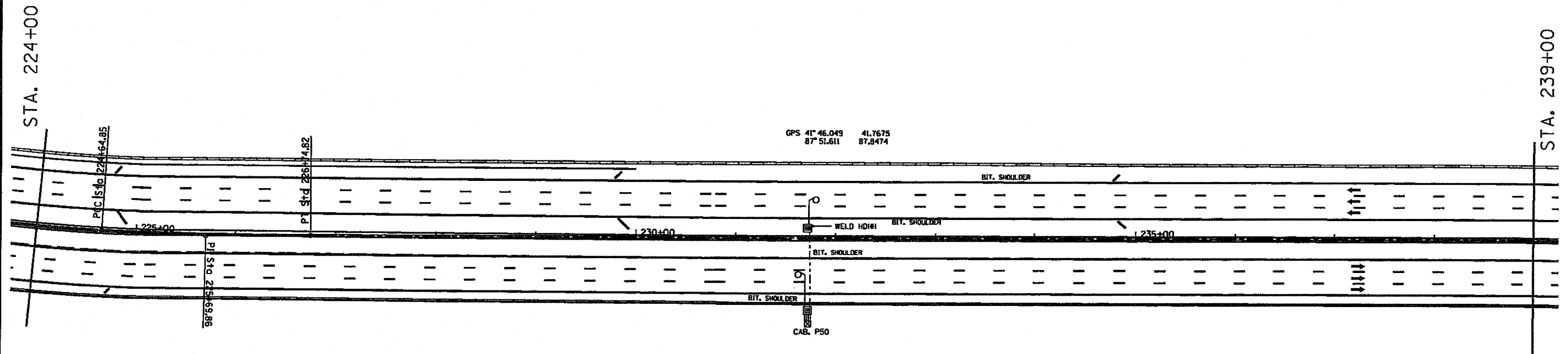
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DATE: 3-99
DRAWN BY: G.A.
CHECKED BY: T.D.

RD: C: TERRI155 METSHEET1.DGN
RF: #2165040JCH

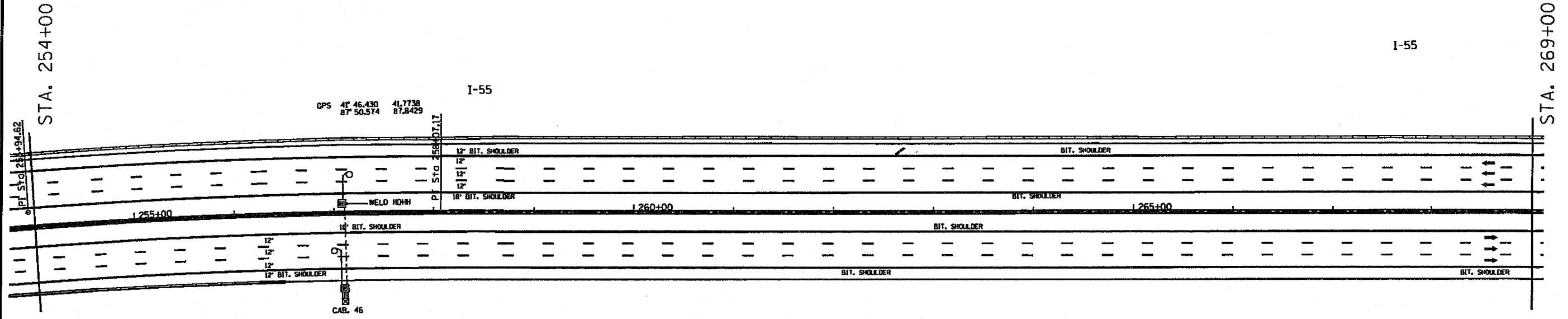
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		CHECKED - J.G.	REVISED -					CONTRACT NO. 603164		ILLINOIS FED. AID PROJECT		
		DATE - 12-02-2010	REVISED -									



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	PLOT SCALE * #SCALE*	CHECKED - J.G.	REVISED -		193	128					
	PLOT DATE * #DATE*	DATE - 12-02-2010	REVISED -		CONTRACT NO. 605164						
					SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



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87 50.574 87.8429

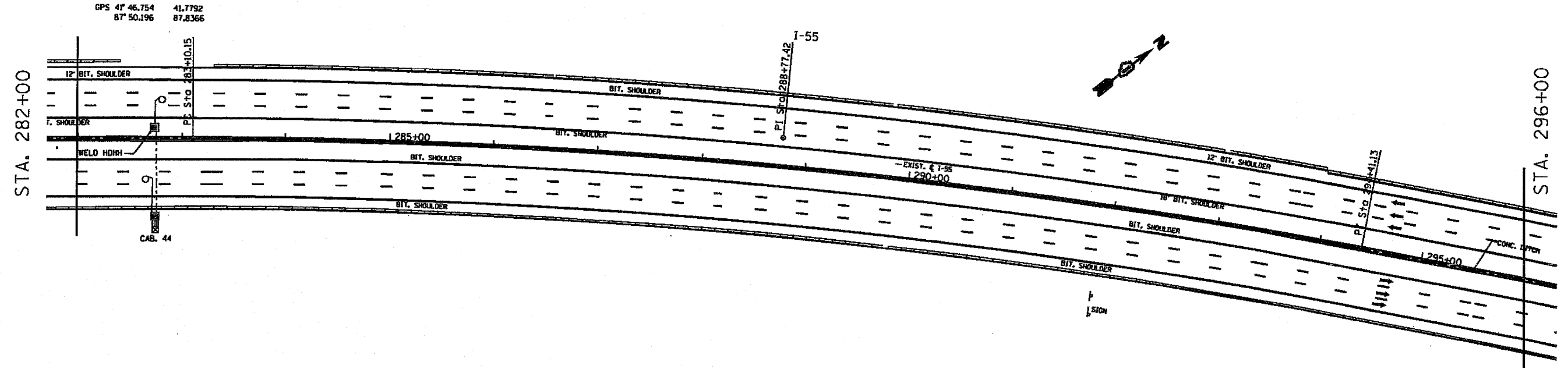
I-55

I-55

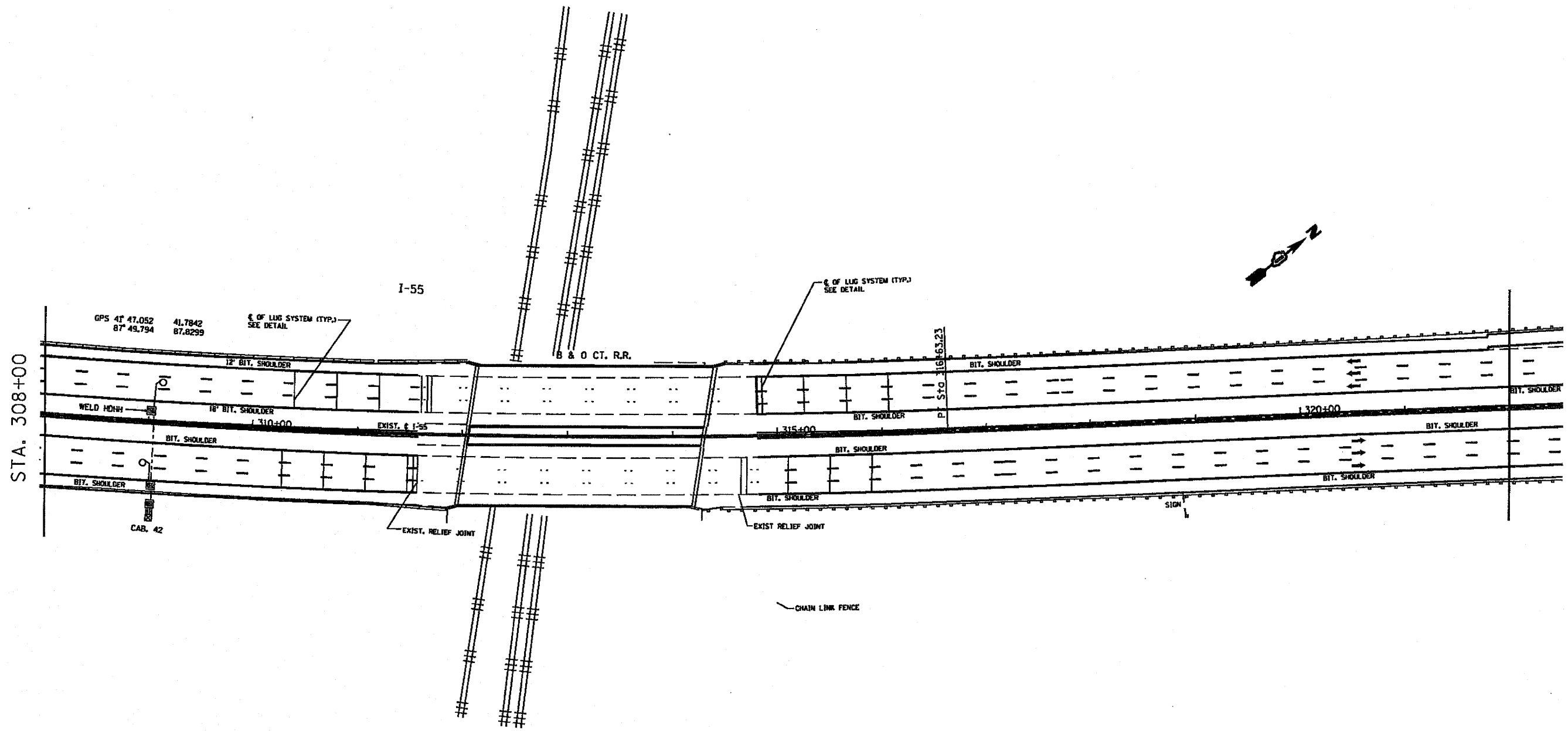
STA. 254+00

STA. 269+00

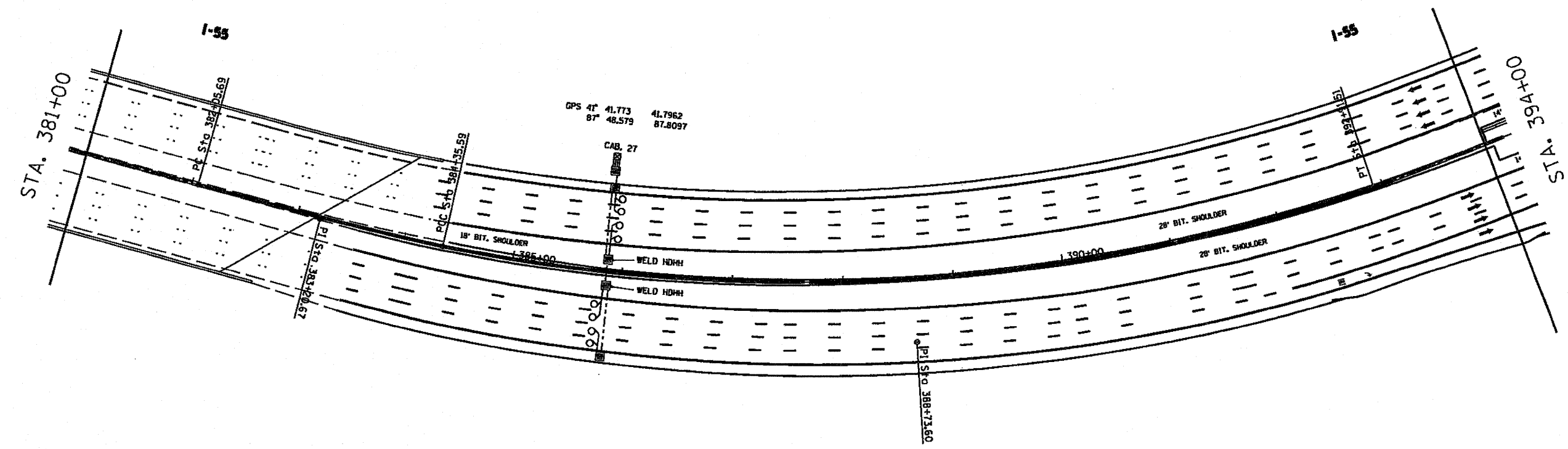
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	PLOT SCALE = #SCALE#	CHECKED - J.G.	REVISED -		SCALE:	SHEET NO. OF SHEETS				STA. TO STA.	197	199
	PLOT DATE = #DATE#	DATE - 12-02-2010	REVISED -		CONTRACT NO. 602104					ILLINOIS FED. AID PROJECT		



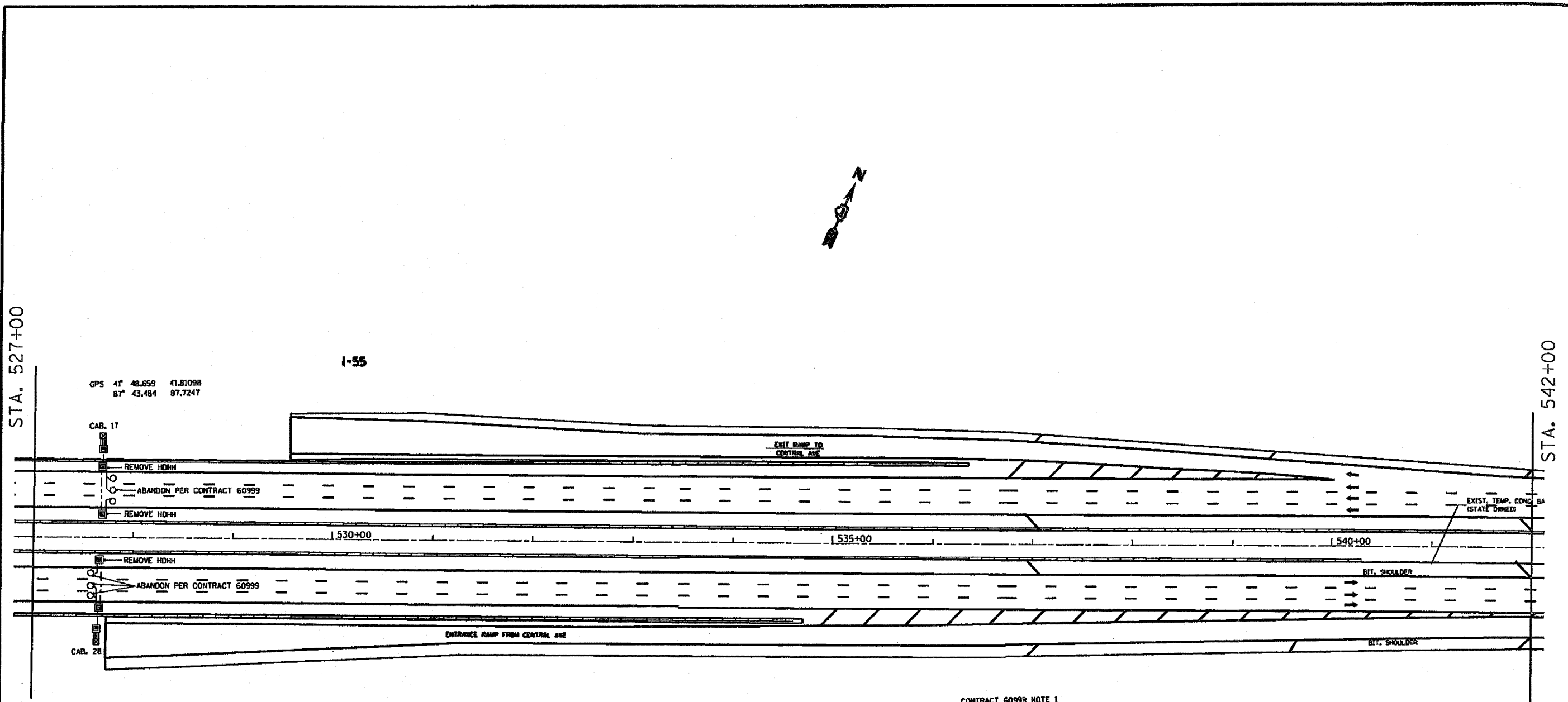
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	PLOT SCALE: #SCALE#	CHECKED: J.G.	REVISED:		55	(0102+62), BIT. (0507-1251) X8-3	Cook	199	130			
	PLOT DATE: #DATE#	DATE: 12-02-2010	REVISED:		SCALE: SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 60204		ILLINOIS FED. AID PROJECT			



FILE NAME: C:\D111310-SHEETS.DGN SOURCE FILE: C:\D111310-Design.dgn	USER NAME: *RUSER*	DESIGNED - J.G.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SYSTEMS CENTER SURVEILLANCE CAB. 42 WELD			SCALE:	SHEET NO. OF SHEETS STA. TO STA.	SECTION 55 (1002-1011 EX. (0501-1050) 1003 Loop	COUNTY Cook	TOTAL SHEETS 197	SHEET NO. 131
	PLOT SCALE: *SCALE*	CHECKED - J.G.	REVISED -		CONTRACT NO. 60214								
	PLOT DATE: *DATE*	DATE - 12-02-2010	REVISED -		ILLINOIS FED. AID PROJECT								



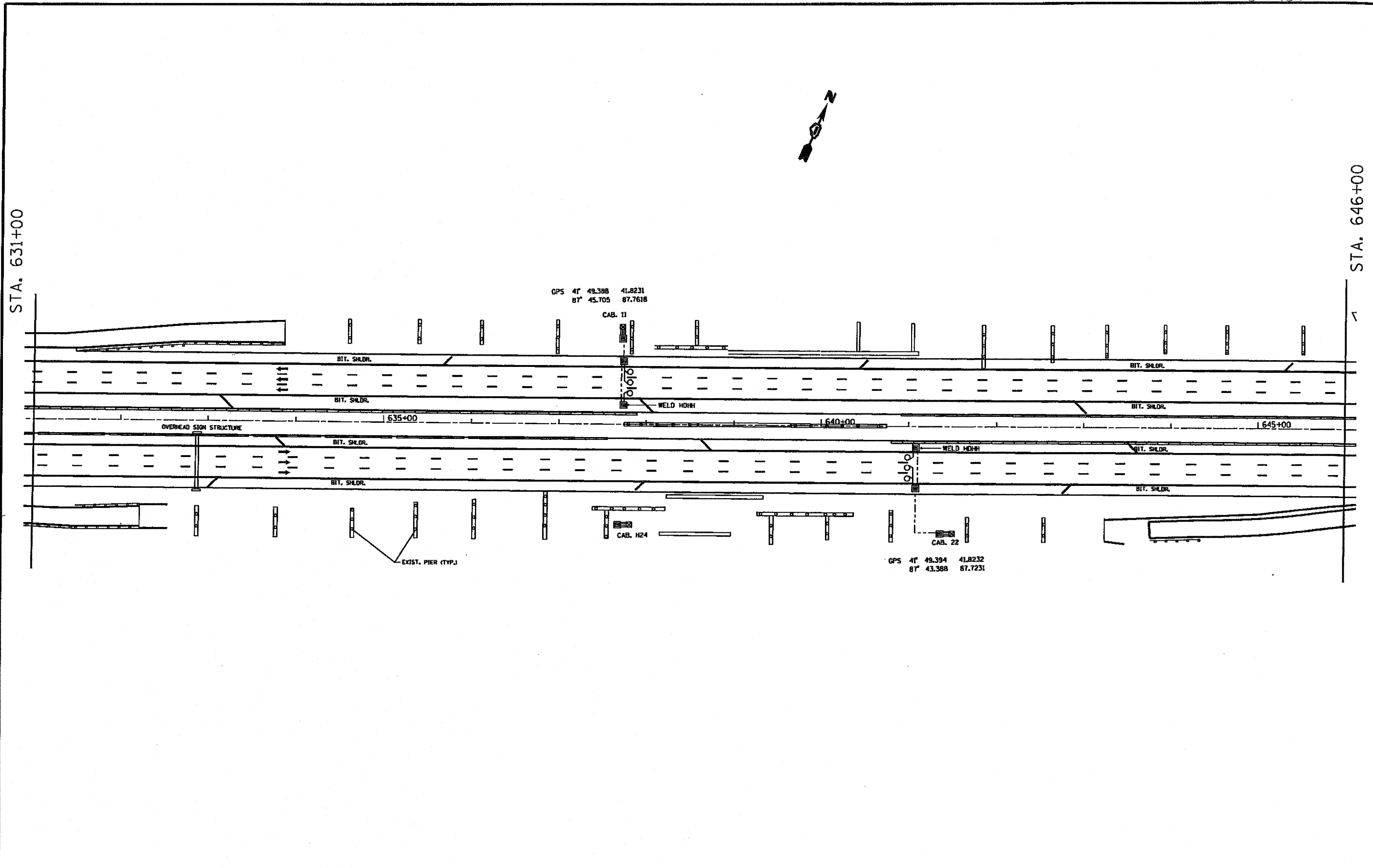
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	PLOT SCALE = #SCALE#	CHECKED - J.G.	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	SS	(082+21) EXC. (507) - (508) PS-3	197	132
	PLOT DATE = #DATE#	DATE - 12-02-2010	REVISED -		CONTRACT NO.	60764			ILLINOIS FED. AID PROJECT				



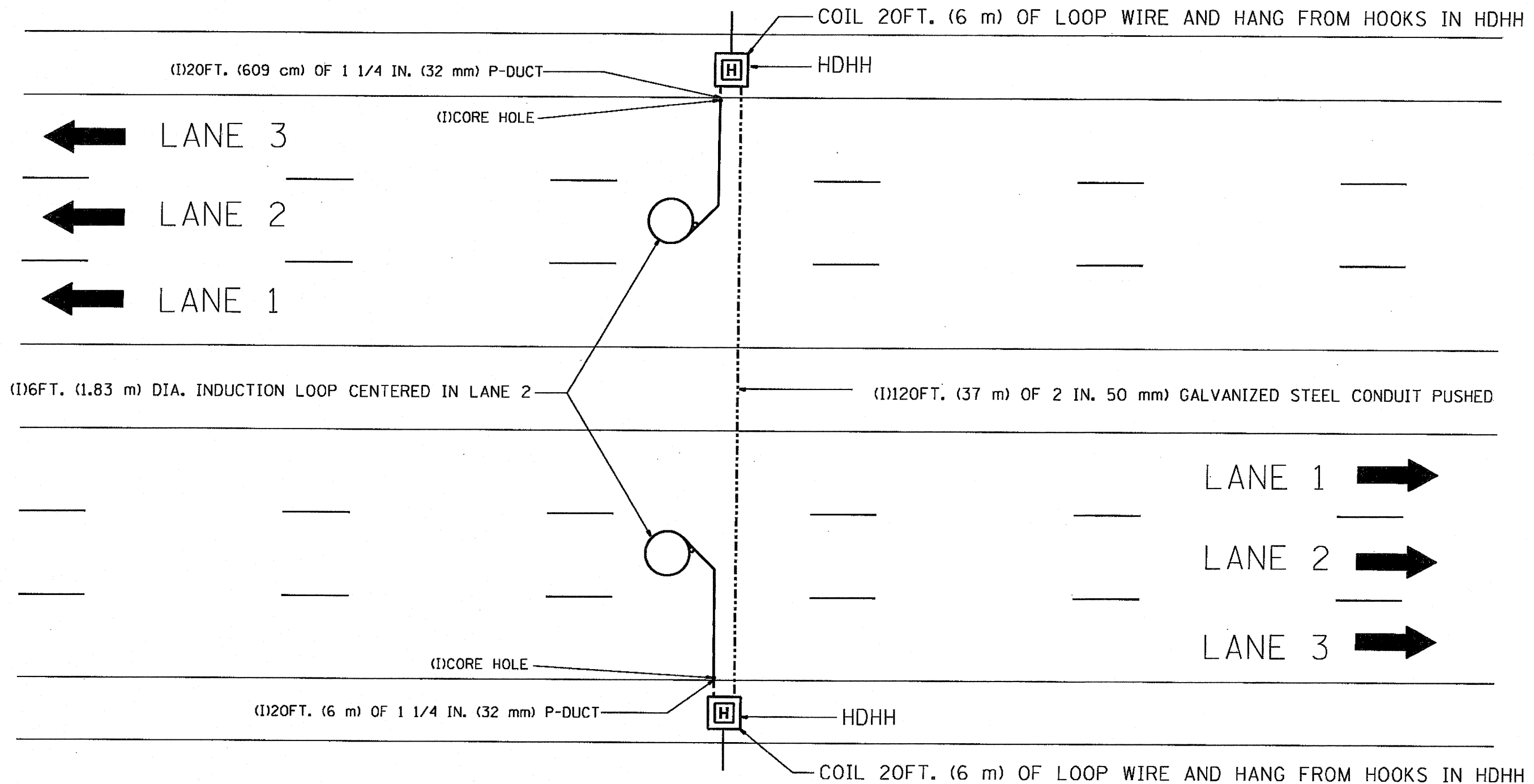
CONTRACT 60999 NOTE 1

NOTE 1
CONTRACTOR SHALL COORDINATE WORK WITH CONTRACT 60999
(SEE PLAN SHEETS)

FILE NAME: C:\D111310-SHEETS.DGN SOURCE FILE: C:\D111310-Design.dgn	USER NAME: *USER*	DESIGNED - J.G.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SYSTEMS CENTER SURVEILLANCE CAB. 17 AND 28 HDHH REMOVAL			F.A.T. RTE. 55	SECTION (002-601, ETC. (0507-6055)R53)	COUNTY Cook	TOTAL SHEETS 197	SHEET NO. 134
	PLOT SCALE: *SCALE*	CHECKED - J.G.	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 60999 ILLINOIS FED. AID PROJECT		
PLOT DATE: *DATE*	DATE - 12-02-2010	REVISED -	REVISED -									

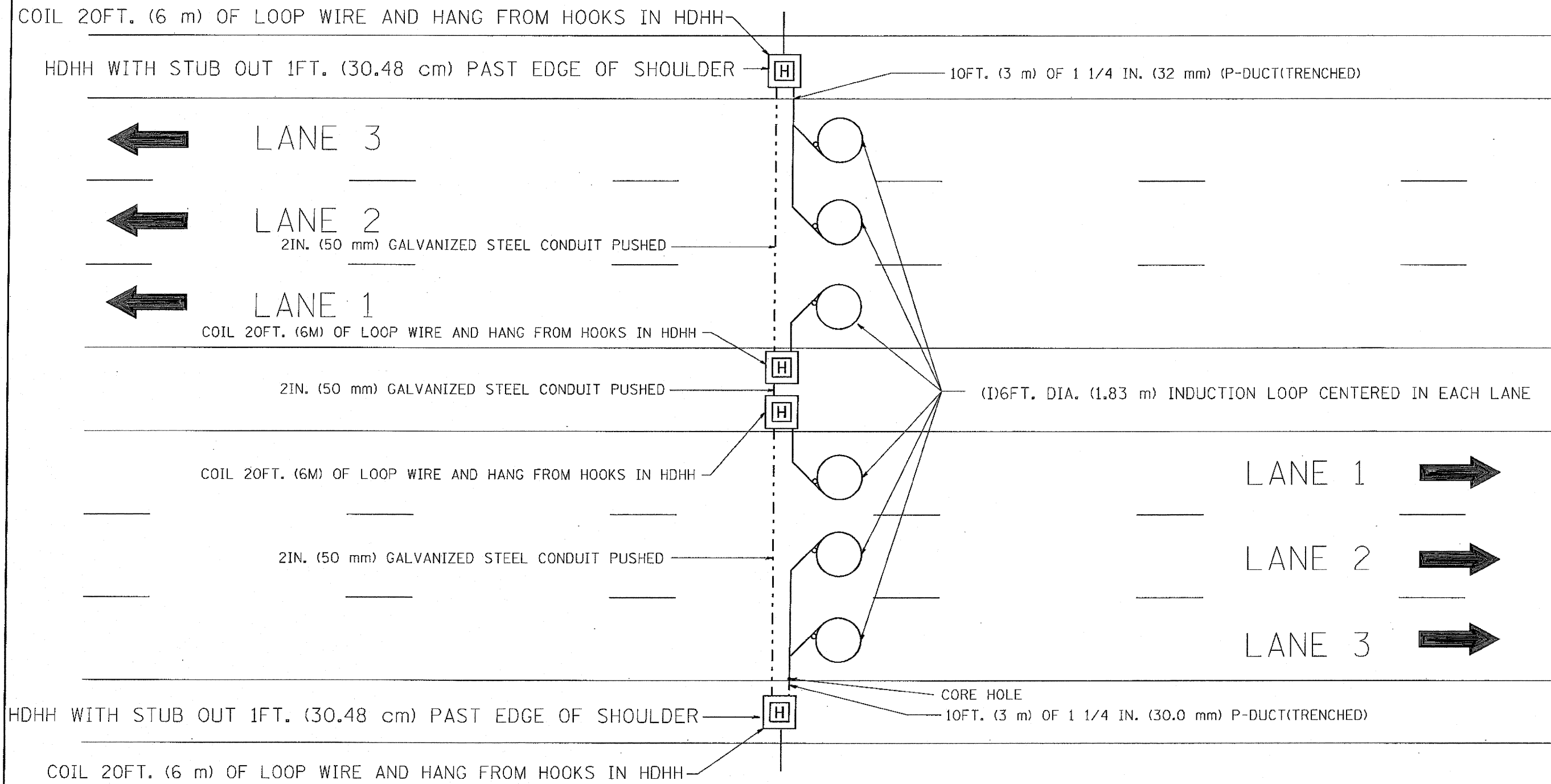


FILE NAME: C:\D111310-SHEETS.DGN SOURCE FILE: C:\D111310-Design.dgn	USER NAME: *AUSER*	DESIGNED - J.G.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SYSTEMS CENTER SURVEILLANCE CAB. 11 AND 22 WELD		F.A. 3- RTE. 35	SECTION (1012-1211, ETC., 0501-1051) 053	COUNTY Cook	TOTAL SHEETS	SHEET NO.
	PLOT SCALE: *#SCALE*	CHECKED - J.G.	REVISED -		197	135					
PLOT DATE: *#DATE*	DATE - 12-02-2010	REVISED -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 60164	



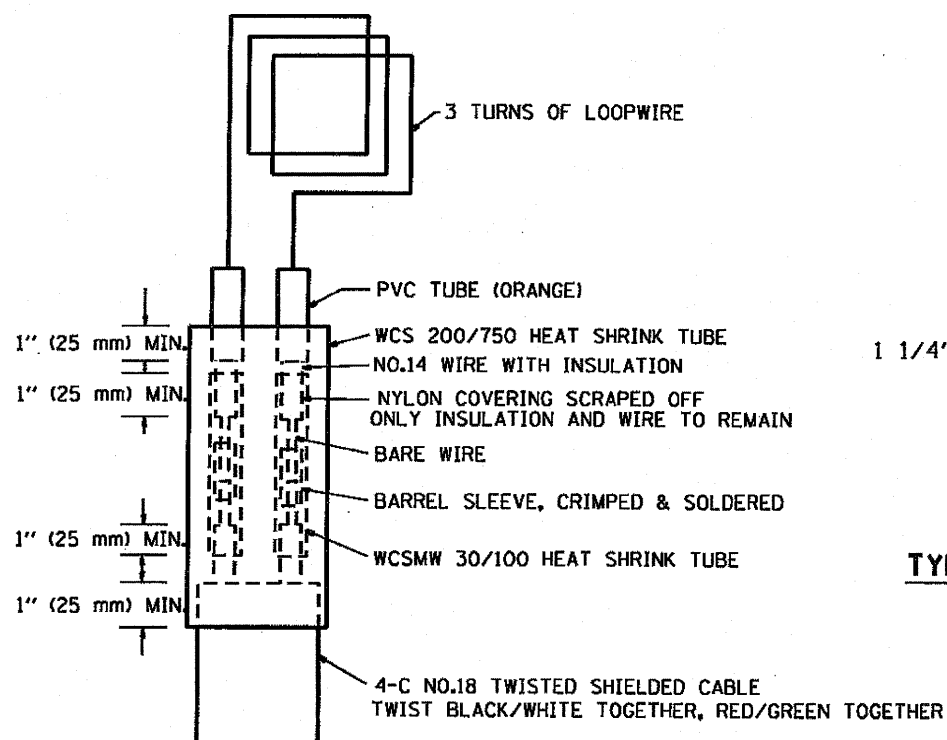
NOTE:
 THE COST OF LOOP WIRE IN HDHH IS INCIDENTAL TO THE INDUCTION LOOP.
 IT SHALL NOT BE MEASURE FOR PAYMENT.

FILE NAME C:\Projects\TSC\TYPICALS\TSC-TYP08.dgn	USER NAME mazog	DESIGNED - J.G.	REVISED - 12-02-2010	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER	ONE LANE COUNT STATION		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE - 1/8" = 1' / IN.	CHECKED - J.G.	REVISED -	REVISED -		55	(102-601, EC, 057-655) RS-3	Cook	197	137		
PLOT DATE - 12/2/2010	DATE - 01-31-07	REVISED -	REVISED -		SCALE: NONE	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 60311	
TRAFFIC SYSTEMS CENTER (TY-1TSC-400#31)											



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

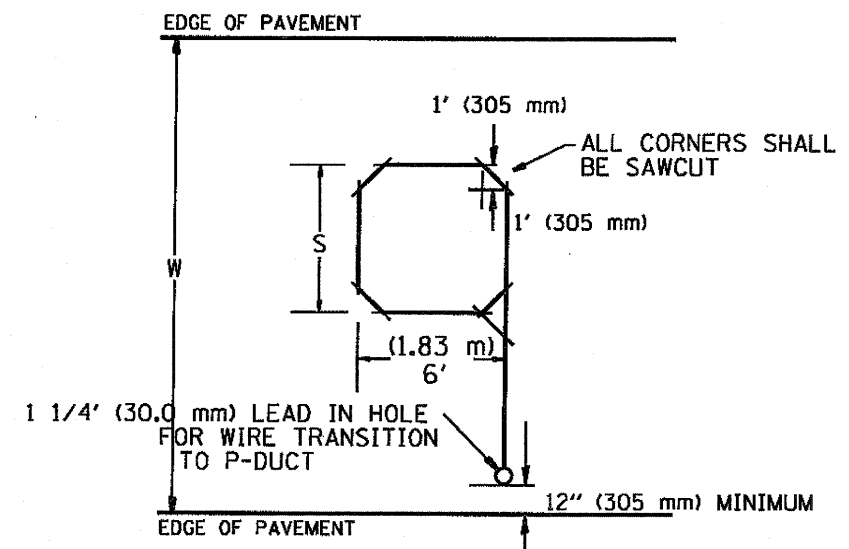
FILE NAME = C:\Projects\TSC\TYPICALS\TSC1\TYP08.dgn	USER NAME = mezag	DESIGNED - J.G.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER	3 LANE COUNT STATION (DIFFERENT DIRECTIONS)		F.A.I. RTE. SS	SECTION (1002-60) EX. 0501-6054) 8-3	COUNTY Cook	TOTAL SHEETS 197	SHEET NO. 138	
	PLOT SCALE = 100.0000 "/ IN.	CHECKED - J.G.	REVISED -		SCALE: NONE	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 60544
	PLOT DATE = 12/2/2010	DATE - 12-02-2010	REVISED -									



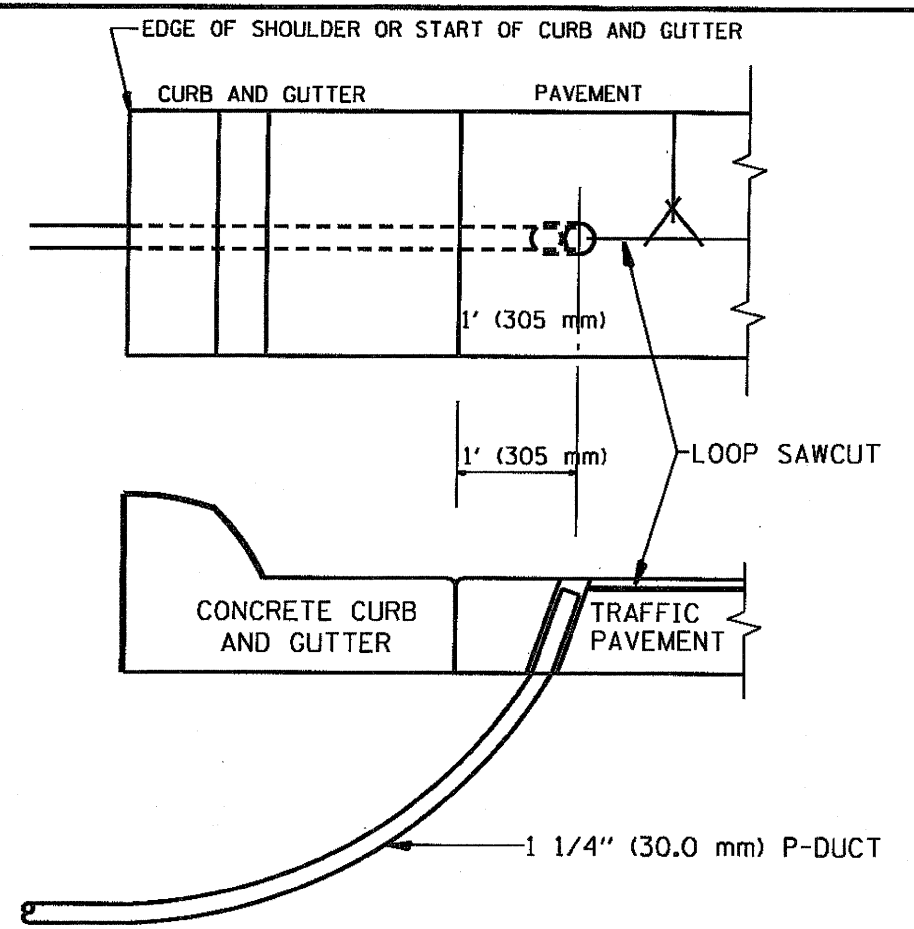
MINIMUM 1" (25 mm) HEAT SHRINK TUBING OVERLAP ON WIRE, PVC & SHIELDED CABLE TO FORM WATER TIGHT SEAL

LOOP SPLICING REQUIREMENTS

TABLE 1	
WIDTH (W)	WIDTH (S)
12' (3.7 m)	8' (2.5 m)
13' (4.0 m)	9' (2.8 m)
14' (4.3 m)	10' (3.1 m)
15' (4.6 m)	11' (3.4 m)
16' (4.9 m)	12' (3.7 m)
17' (5.2 m)	13' (4.0 m)
18' (5.5 m)	14' (4.3 m)
19' (5.8 m)	15' (4.6 m)
20' (6.1 m)	18' (4.9 m)
21' (6.4 m)	17' (5.2 m)
22' (6.7 m)	18' (5.5 m)
23' (7.0 m)	19' (5.8 m)
24' (7.3 m)	20' (6.1 m)
25' (7.6 m)	21' (6.4 m)



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



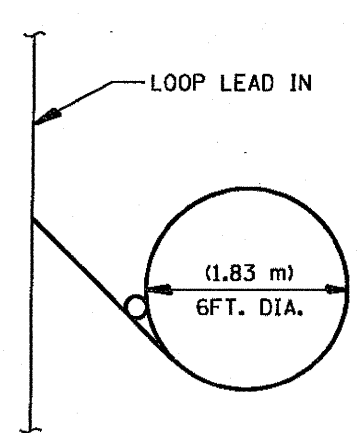
CURB AND GUTTER LOOP LEAD-IN TRANSITION DETAIL

NOTES

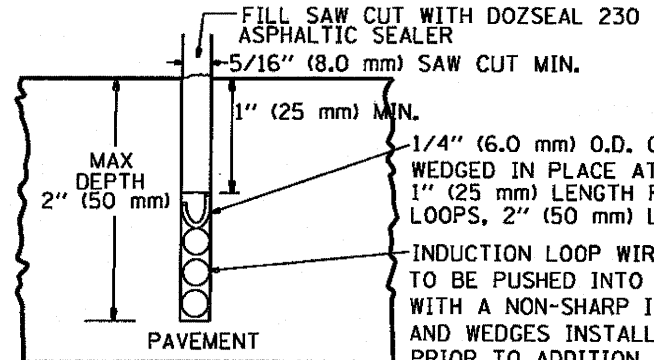
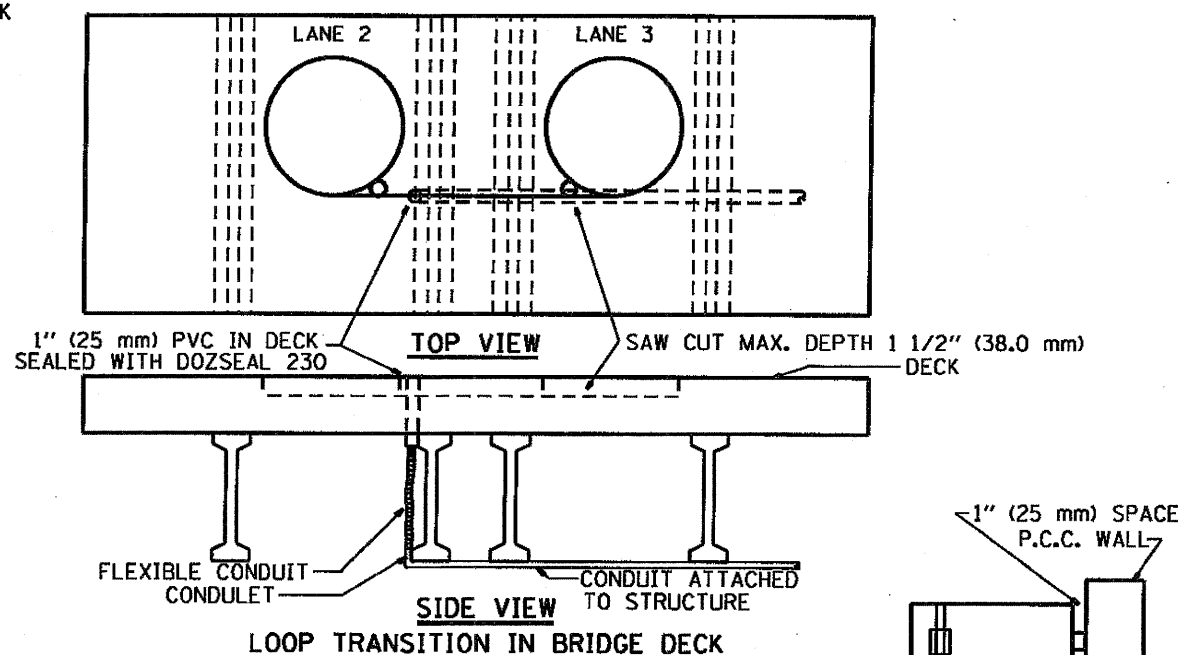
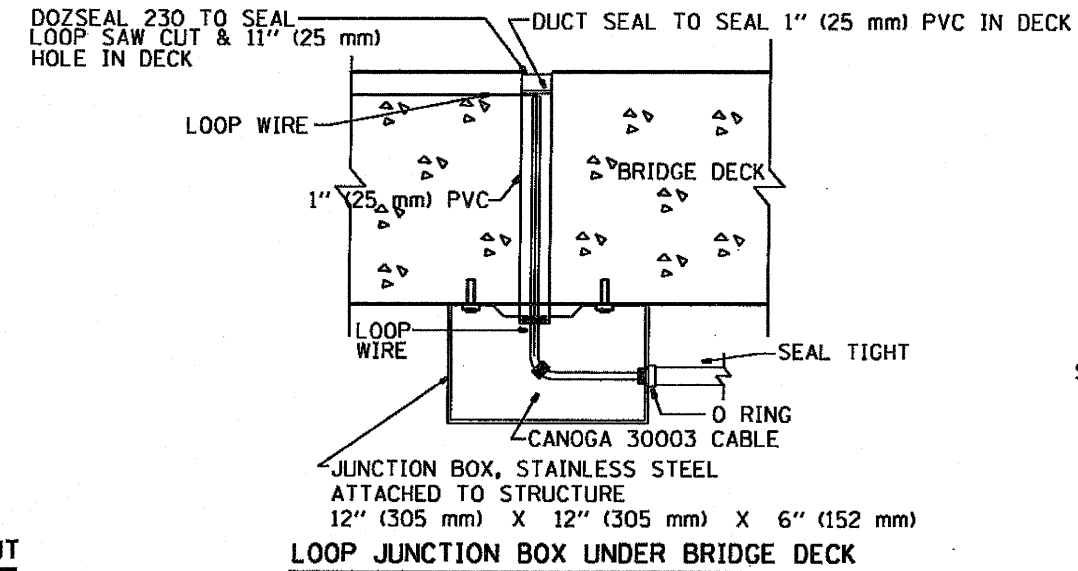
1. EACH LOOP SHALL BE SPLICED TO A 4-C NO.18 TWISTED SHIELDED LEAD IN WHEN 150' (45 m) OR MORE FROM CABINET.
2. LOOPS SHALL BE SPLICED IN HANDHOLES ONLY, OTHERWISE WRITTEN PERMISSION SHALL BE OBTAINED FROM TSC ENGINEER.
3. LOOPS SHALL NOT BE SPLICED IN SERIES.
4. EACH LOOP LEAD IN SHALL BE IDENTIFIED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

FILE NAME * C:\Projects\TSC\TYPICALS\TSC\TYP08.dgn	USER NAME * mazing	DESIGNED - R.L.	REVISED - 6/94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER	RECTANGULAR INDUCTION LOOP TYPICAL	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE * 1/8"=1'-0" / DL	DRAWN - G.M.	REVISED - 11/95			55	(1012-12, 611-0501-0351) 05-3	Cook	197	140	
	PLOT DATE * 12/2/2010	CHECKED - R.L.	REVISED - 05/96			SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 60314			
		DATE - 6-22-94	REVISED - 10/96					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

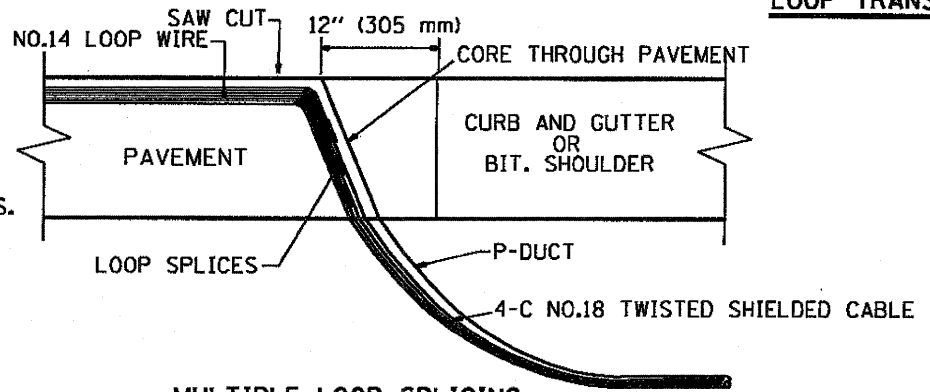
TRAFFIC SYSTEMS CENTER (TY-1TSC-418#3)



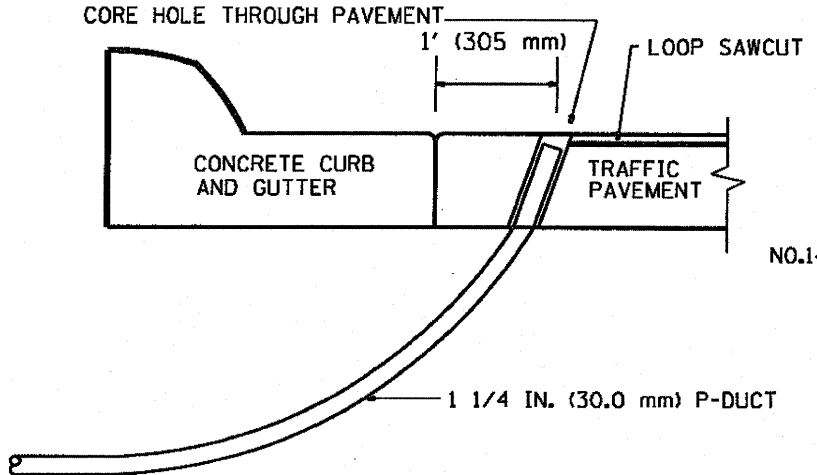
TYPICAL LOOP SAWCUT LAYOUT



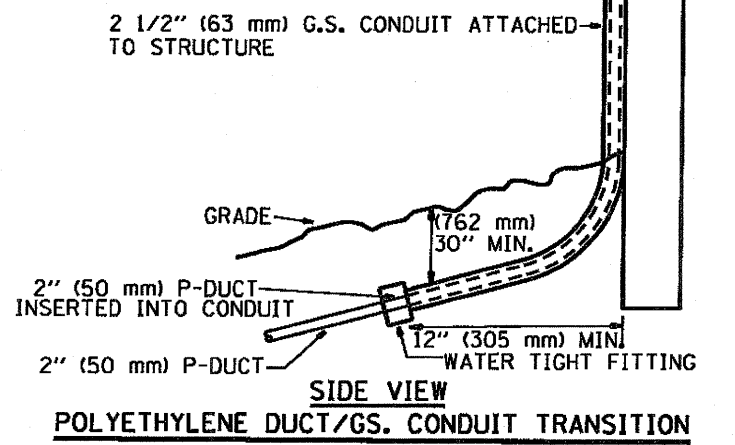
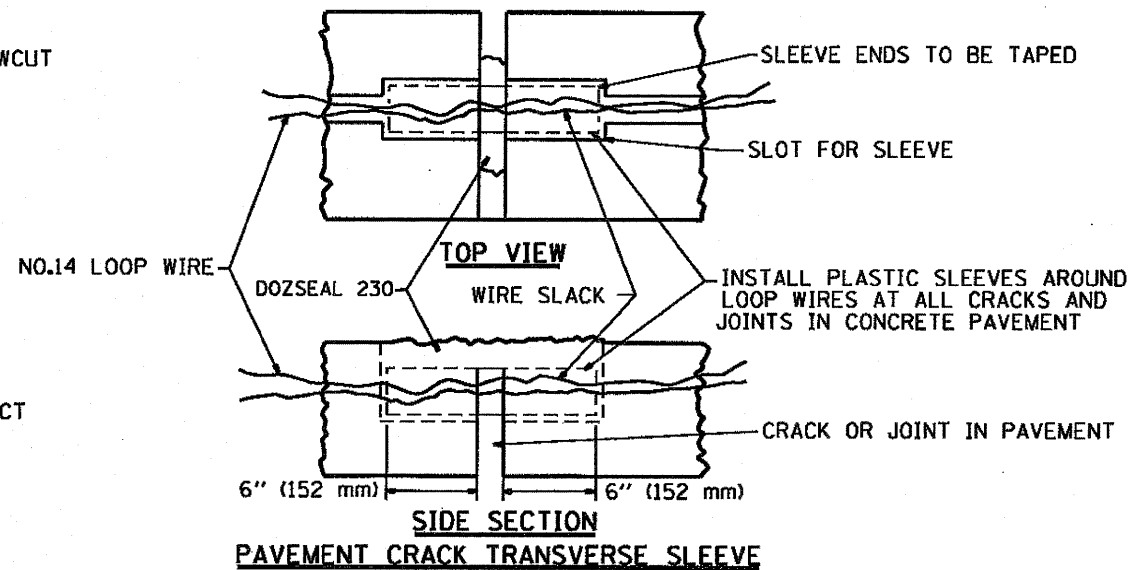
LOOP CROSS SECTION IN PAVEMENT



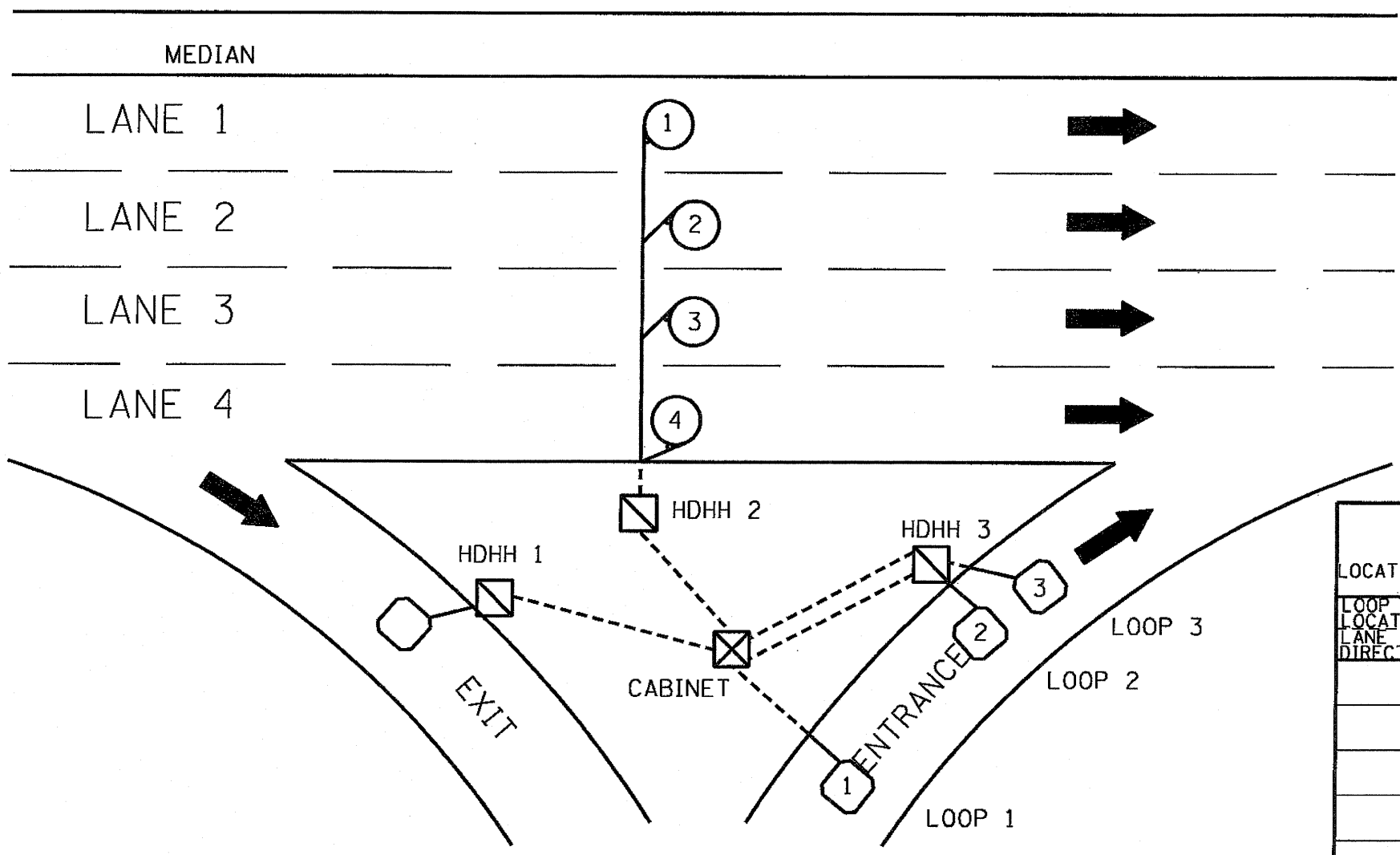
MULTIPLE LOOP SPLICING



SIDE SECTION LOOP LEAD-IN TRANSITION DETAIL



FILE NAME CA\Projects\TSC\TYPICALS\TSC-TYP08.dgn	USER NAME mazog	DESIGNED - RL	REVISED - 06/94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER	LOOP, CONDUIT & DUCT INSTALLATION DETAILS	F.A.2 RTE. 55	SECTION (1002-241-000-0050) (153)	COUNTY Cook	TOTAL SHEETS 193	SHEET NO. 141	
PLOT SCALE = 1/8" = 1'-0"	DRAWN - GA	REVISED - 03/95	SCALE: NONE			SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO.	60204
PLotted DATE = 12/2/2010	CHECKED - RL	REVISED - 11/95									
	DATE = 06/22/94	REVISED - 10/96									



SIZE
2.5" (63.5 mm) X 1.75" (44.45 mm)

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

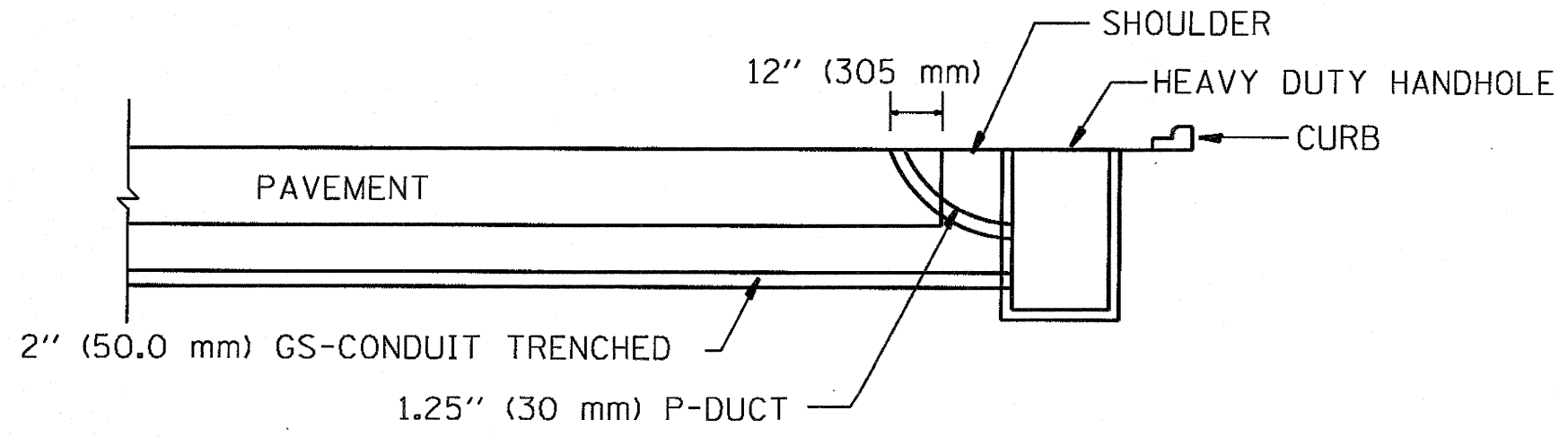
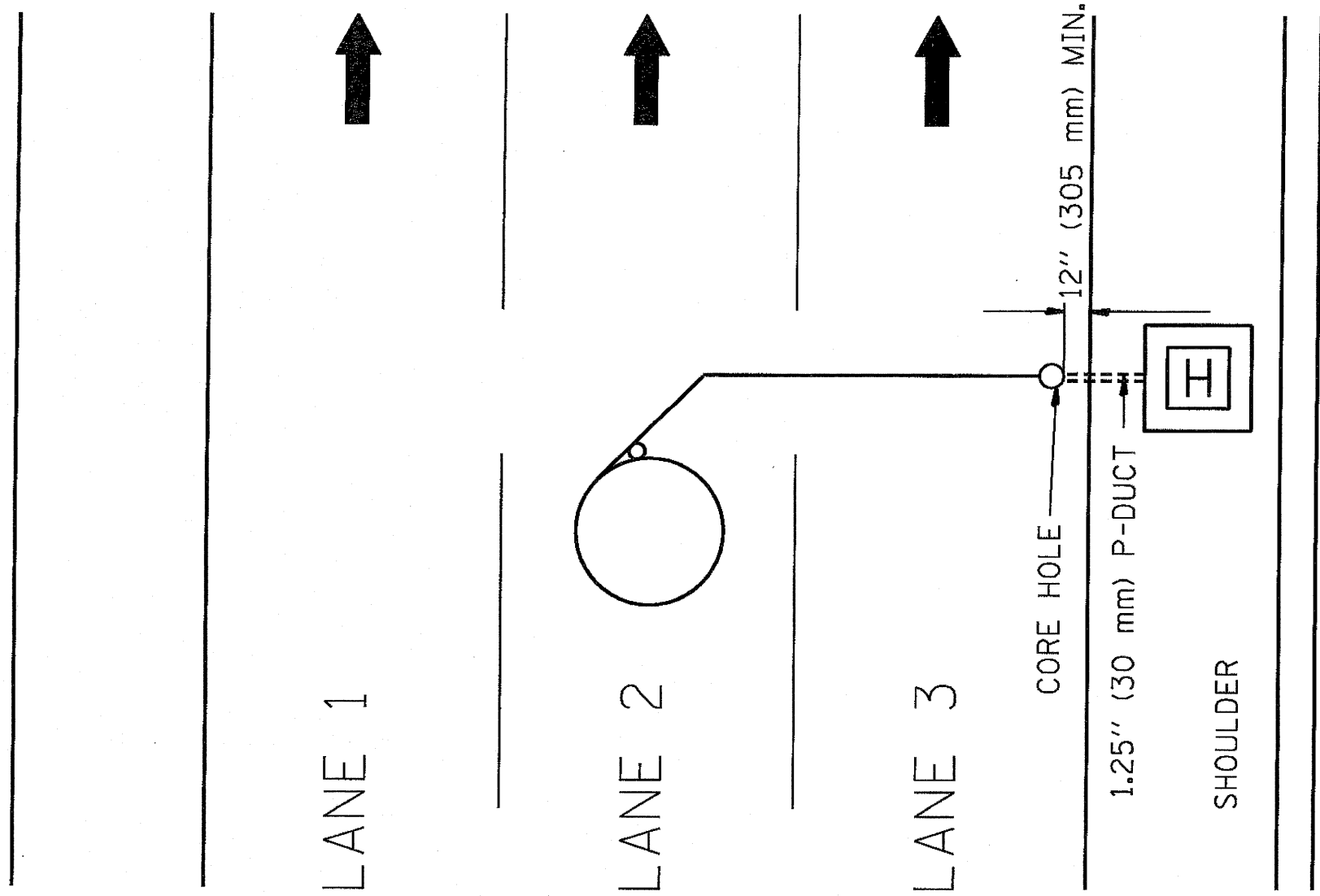
IB (OB) LANE # ___
CCW /OUT
TO CABINET # ___

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.

FILE NAME * C:\Projects\TSC\TYPICALS\TSCYP08.dgn	USER NAME * msrpg	DESIGNED - R.L.	REVISED - 6/94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER	LOOP STATUS REPORT	F.A.R.T.E. 55	SECTION (100-101) (1050-1051) RS-3	COUNTY Cook	TOTAL SHEETS 199	SHEET NO. 143	
PLOT SCALE = 1/8" = 1' / IN.	CHECKED - R.L.	DATE - 6-27-94	REVISED - 10/96			SCALE: NONE	SHEET NO. OF SHEETS STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS/FED. AID PROJECT	CONTRACT NO. 6034
PLOT DATE = 12/2/2010	DATE	REVISED	REVISED			TRAFFIC SYSTEMS CENTER (TY-1TSC-418#7)					



FILE NAME * C:\Projects\TSC\TYPICALS\TSC-TYP08.dgn	USER NAME * mezag	DESIGNED - R.L.	REVISED - R.L.
		DRAWN - G.M.	REVISED - T.C.
		CHECKED - R.L.	REVISED -
		DATE - 11/7/95	REVISED -

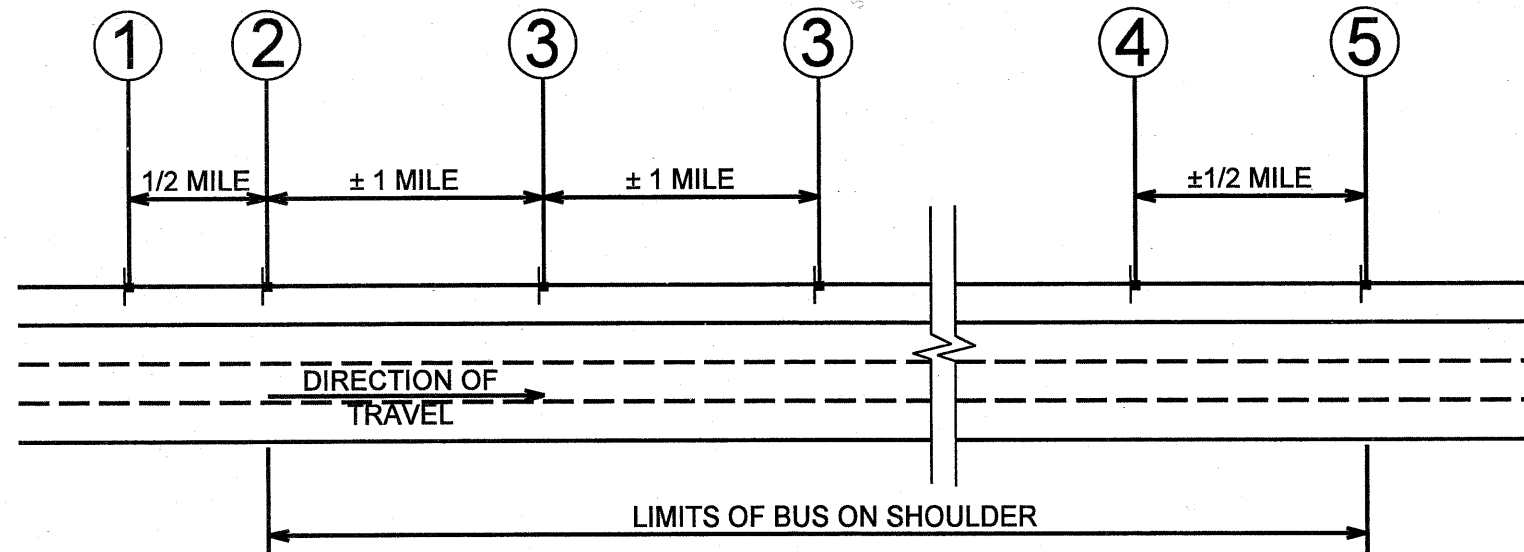
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER

DIVE HOLE DUCT SYSTEM

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

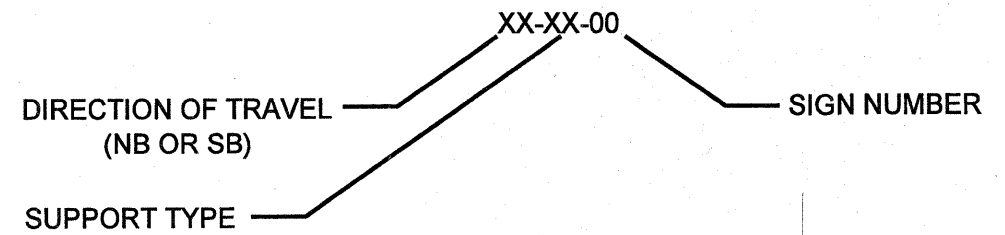
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(DIP-42, ENCL. 6501-VIS) 25-3	COOK	197	144
CONTRACT NO. 6031M				

TRAFFIC SYSTEMS CENTER (TY-ITSC-418#8)



TYPICAL SHOULDER SIGNING LAYOUT

SIGN NAMING CONVENTION



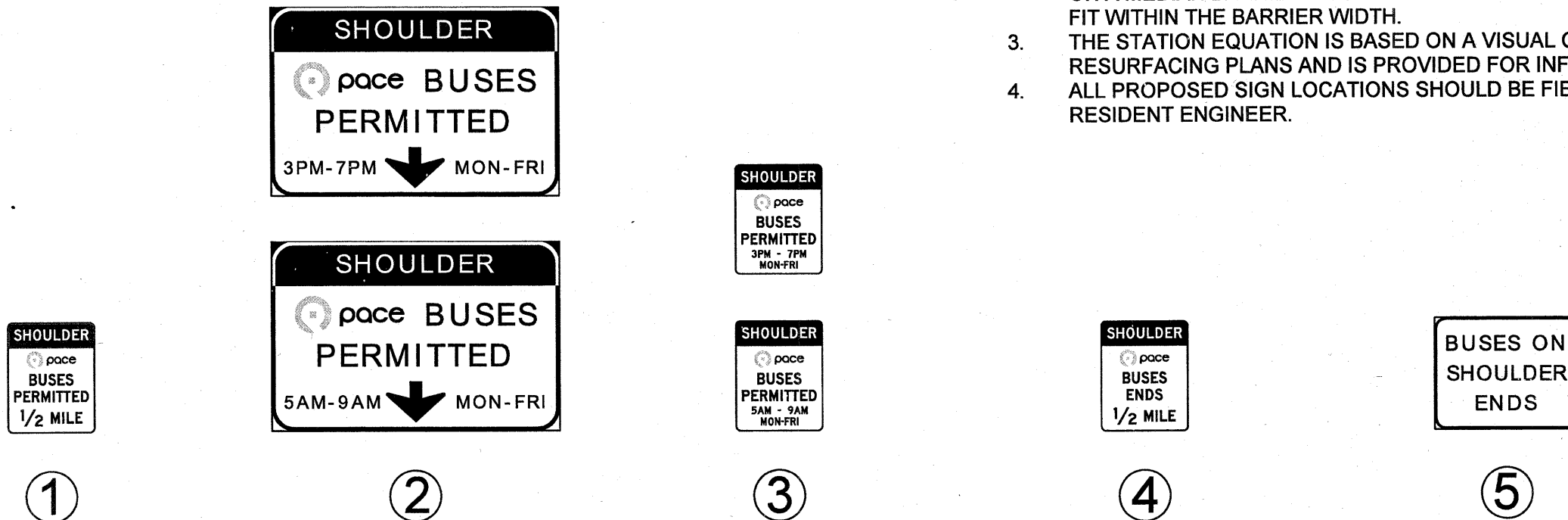
SUPPORT TYPE LEGEND

- BM BRIDGE MOUNTED.
- BS BREAKAWAY STEEL POSTS.
- PM POLE MOUNTED (TRUSS COLUMNS).
- TM TRUSS MOUNTED.
- TS TELESCOPING STEEL POST.

STATION EQUATION

STA. 58+54.00 (RESURFACING PLANS) = STA. 805+00.00 (SIGNING PLANS)

- NOTES:
1. SIGN 3 NOT REQUIRED IF USABLE SEGMENT LESS THAN 1 MILE.
 2. WHERE LATERAL CLEARANCE IS LIMITED, SIGNS THAT ARE POST MOUNTED ON A MEDIAN BARRIER MUST BE SKEWED UP TO 45 DEGREES IN ORDER TO FIT WITHIN THE BARRIER WIDTH.
 3. THE STATION EQUATION IS BASED ON A VISUAL COMPARISON WITH THE RESURFACING PLANS AND IS PROVIDED FOR INFORMATION ONLY.
 4. ALL PROPOSED SIGN LOCATIONS SHOULD BE FIELD VERIFIED BY THE RESIDENT ENGINEER.

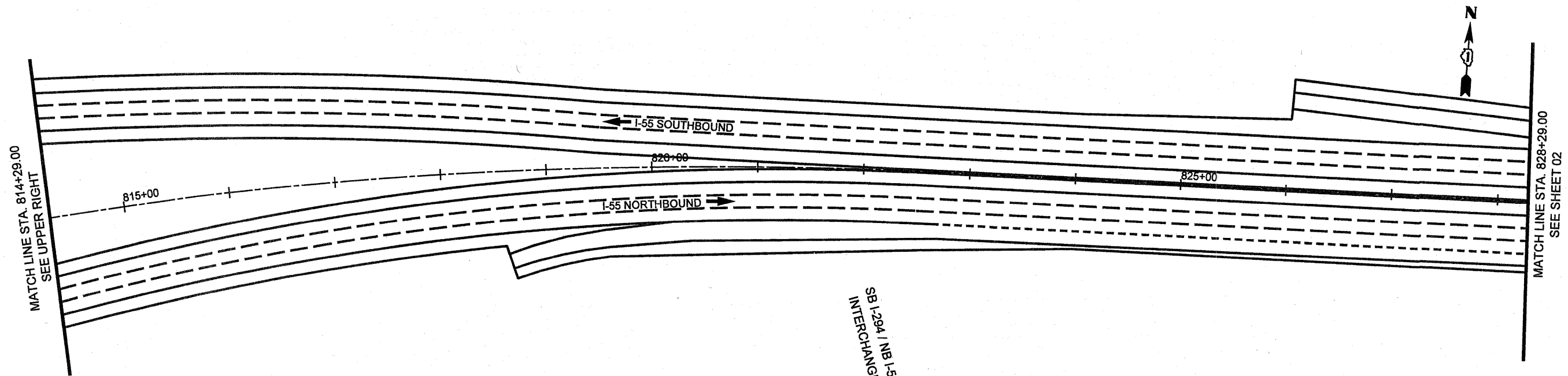
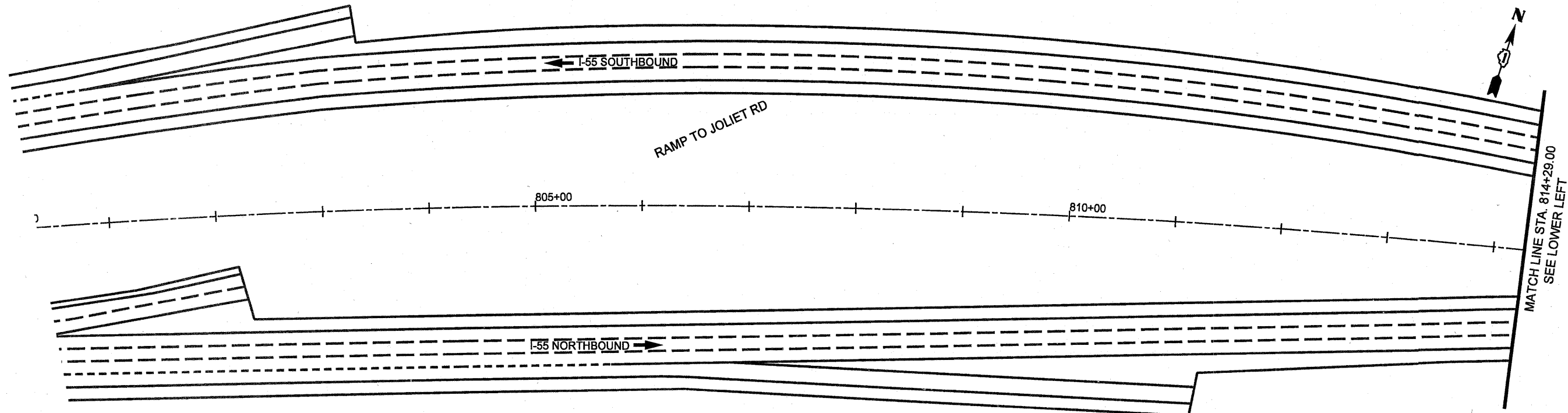


TYPICAL BOS SIGNAGE

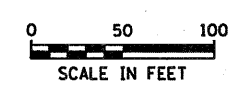
- NOTE:
1. PACE LOGO IN BLUE
 2. NB TIME: 5AM TO 9AM
SB TIME: 3PM TO 7PM

1/18/2011

FILE NAME *	USER NAME * #USER#	DESIGNED - SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SIGNING LAYOUT I-55 BUS ON SHOULDER PROJECT	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - SEW	REVISED -			55		COOK	192	145
PLOT SCALE * #SCALE#		CHECKED - ST	REVISED -			- (0102-631, ETC, 0507-635K) RS-3		CONTRACT NO. 60164		
PLOT DATE * #DATE#		DATE - 12/2010	REVISED -			[ILLINOIS] FED. AID PROJECT				
					SCALE: N.T.S.	SHEET NO. 1 OF 1 SHEETS				

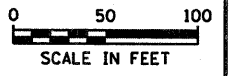
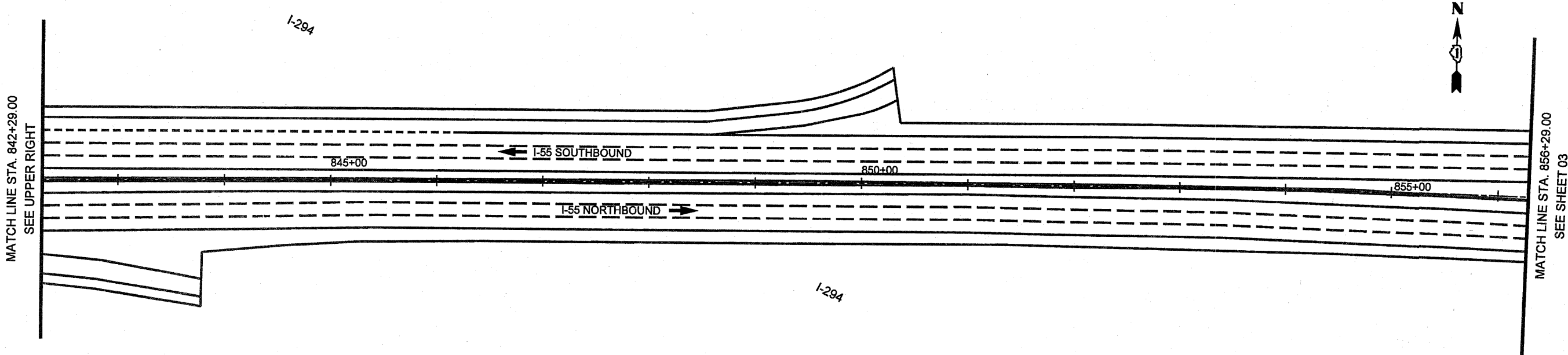
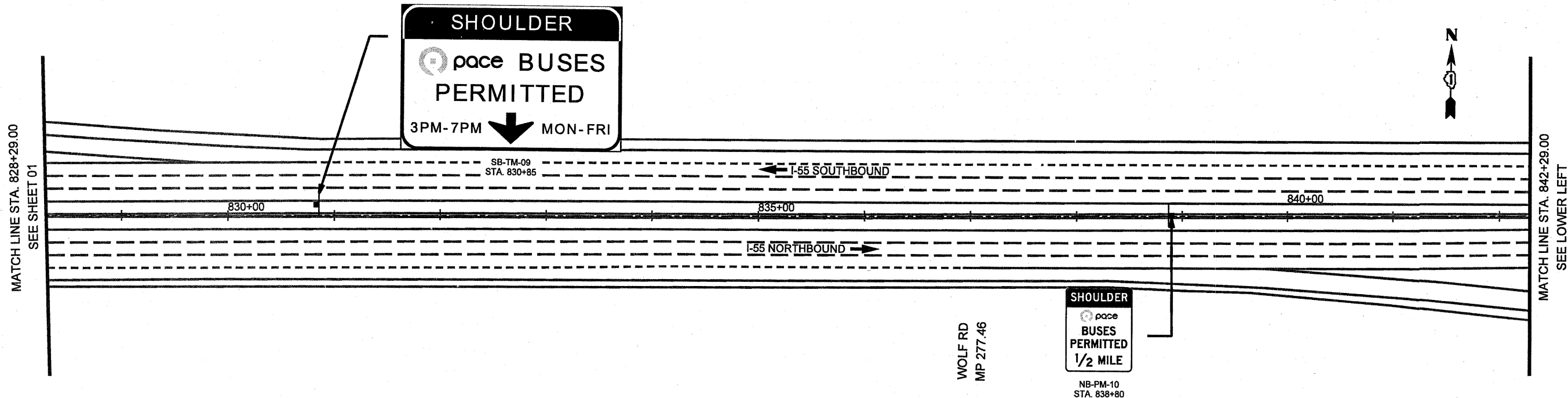


SB I-294 / NB I-55
INTERCHANGE



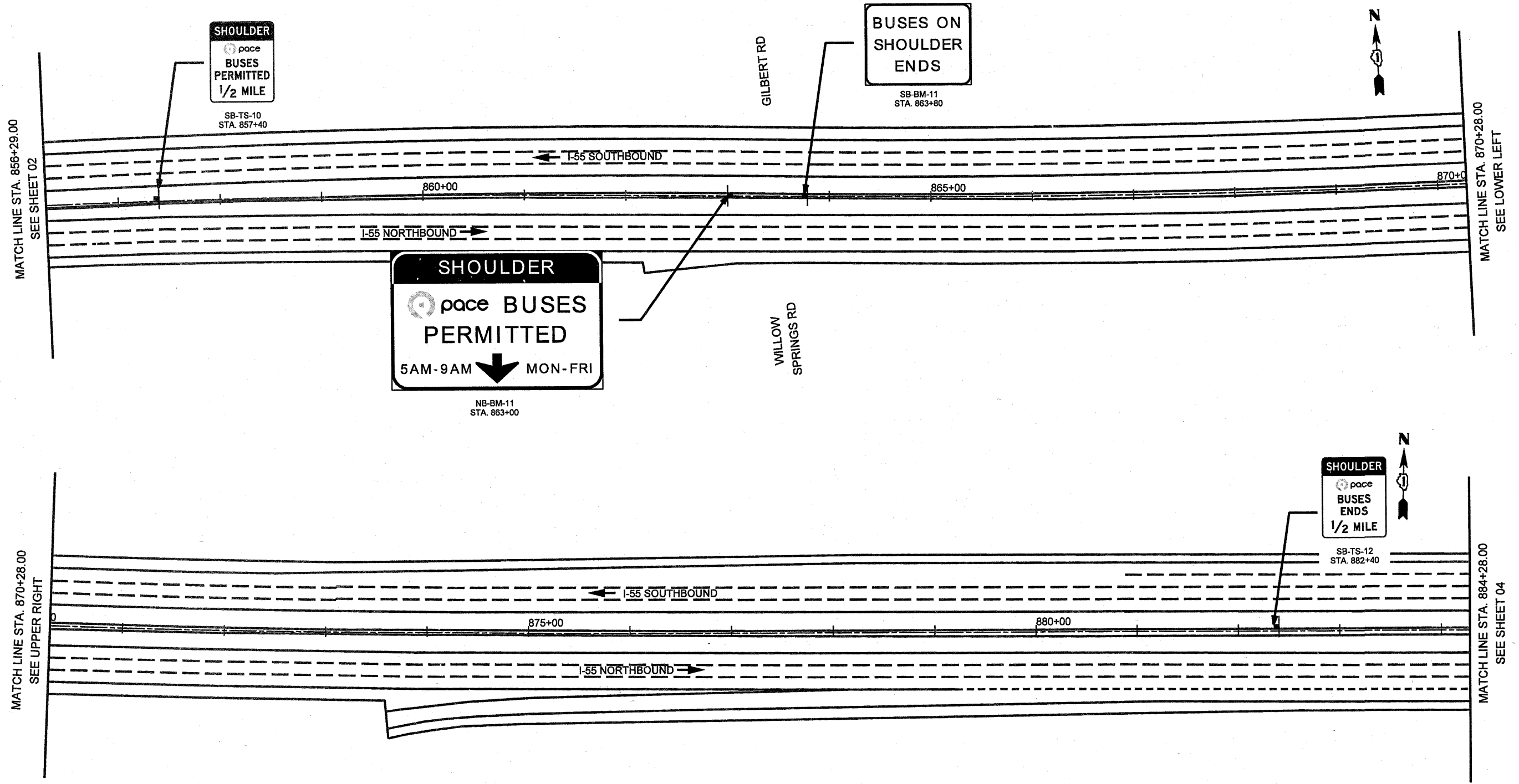
1/13/2011

FILE NAME * #FILE#	USER NAME * #USER#	DESIGNED - SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNING PLAN		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * #SCALE#	DRAWN - SEW	REVISED -		I-55 BUS ON SHOULDER PROJECT		55		COOK	197	198
	PLOT DATE * #DATE#	CHECKED - ST	REVISED -		SCALE: 1" = 50'	SHEET NO. 01 OF 24 SHEETS	STA. 800+32.00 TO STA. 828+29.00	10102-631, ETC, 0507-635K) RS-3		CONTRACT NO. 60164	
		DATE - 12/2010	REVISED -				ILLINOIS FED. AID PROJECT				



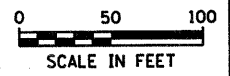
FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNING PLAN I-55 BUS ON SHOULDER PROJECT		F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	CHECKED - ST	REVISED -		55	.	COOK	197	147		
	PLOT DATE = #DATE#	DATE - 12/2010	REVISED -		-10102-631, ETC, 0507-635K) RS-3	CONTRACT NO. 60164					
			SCALE: 1" = 50'		SHEET NO. 02 OF 24 SHEETS	STA. 828+29.00 TO STA. 856+29.00	[ILLINOIS] FED. AID PROJECT				

1/13/2011



SHOULDER
 pace
 BUSES
 ENDS
 1/2 MILE

SB-TS-12
 STA. 882+40

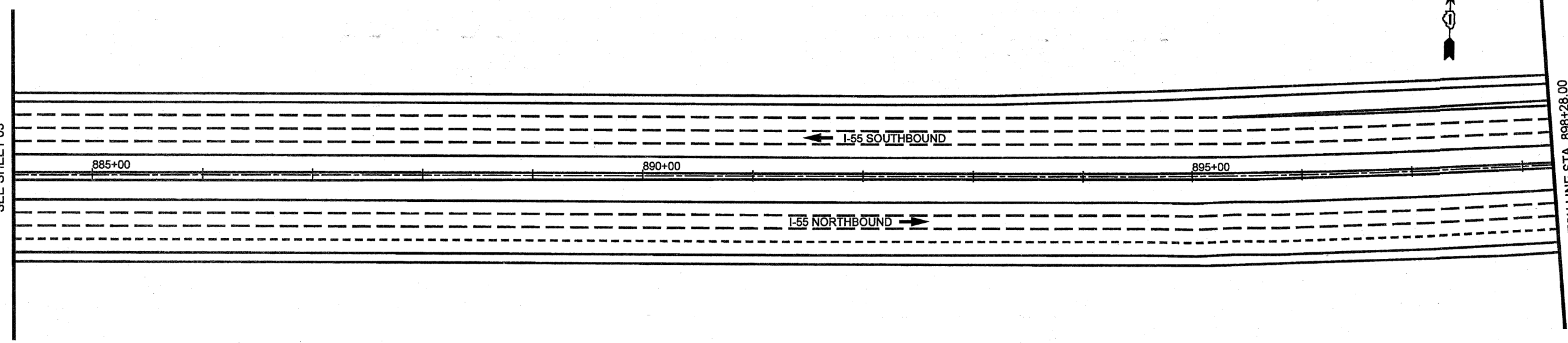


1/13/2011

FILE NAME #FILE#	USER NAME	DESIGNED - SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNING PLAN			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE	DRAWN - SEW	REVISED -		I-55 BUS ON SHOULDER PROJECT			55		COOK	197	148
	PLOT DATE	CHECKED - ST	REVISED -		SCALE: 1" = 50'	SHEET NO. 03 OF 24 SHEETS	STA. 856+29.00 TO STA. 884+28.00	+0102-631, ETC. 0507-635K) RS-3		CONTRACT NO. 60164		
		DATE - 12/2010	REVISED -					ILLINOIS FED. AID PROJECT				

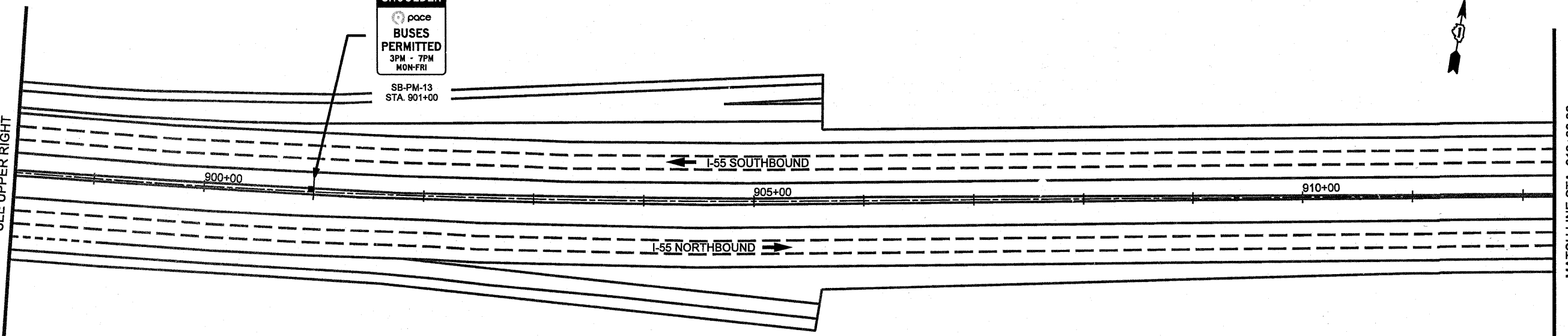
MATCH LINE STA. 884+28.00
SEE SHEET 03

MATCH LINE STA. 898+28.00
SEE LOWER LEFT



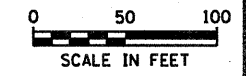
MATCH LINE STA. 898+28.00
SEE UPPER RIGHT

MATCH LINE STA. 912+28.00
SEE SHEET 05



SHOULDER

BUSES PERMITTED
 3PM - 7PM
 MON-FRI
 SB-PM-13
 STA. 901+00



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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
I-55 BUS ON SHOULDER PROJECT

SCALE: 1" = 50' SHEET NO. 04 OF 24 SHEETS STA. 884+28.00 TO STA. 912+28.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55		COOK	147	149
#10102-631, ETC. 0507-635K) RS-3			CONTRACT NO. 60164	
ILLINOIS FED. AID PROJECT				

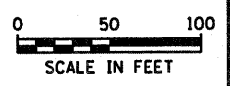
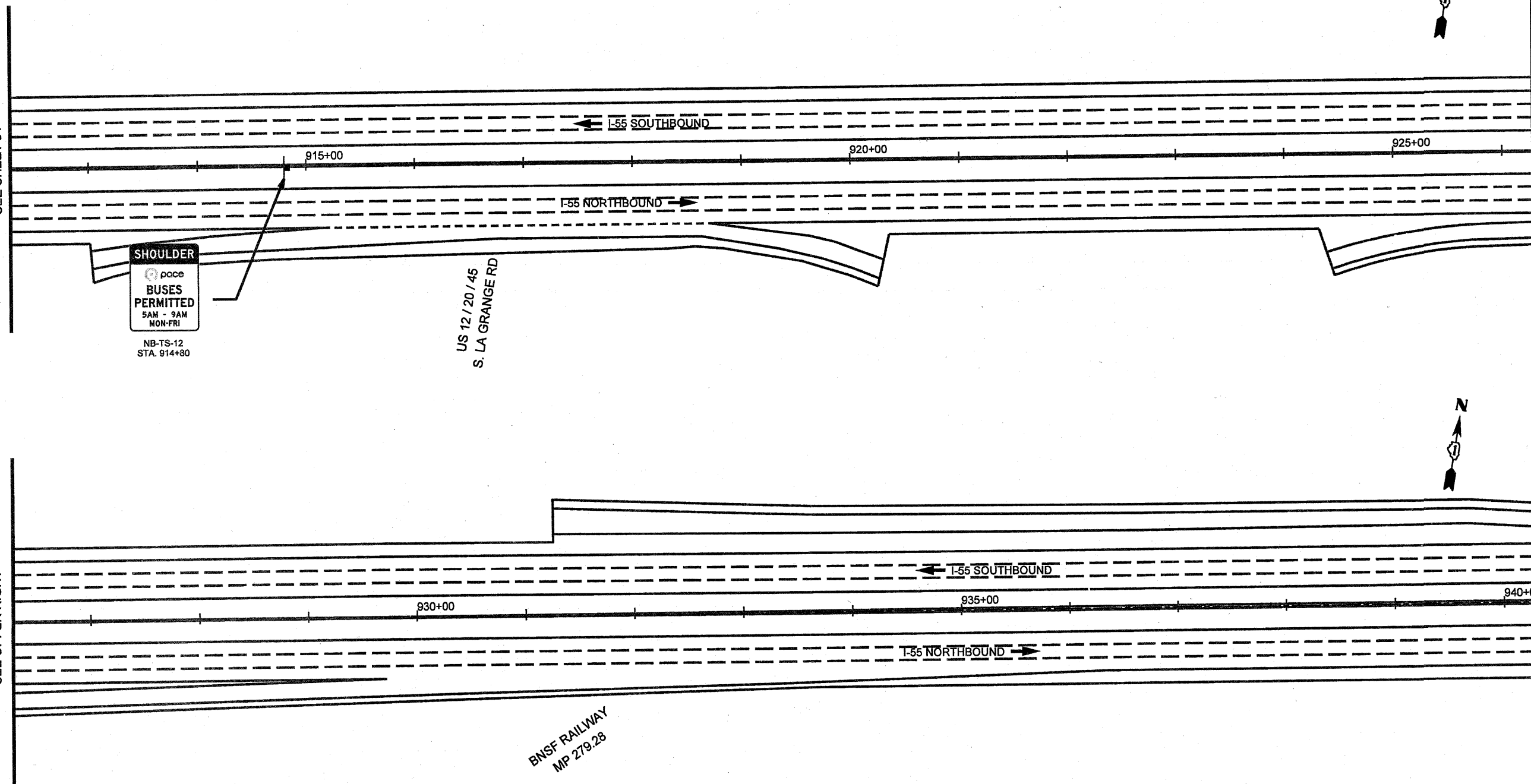
1/13/2011

MATCH LINE STA. 912+28.00
SEE SHEET 04

MATCH LINE STA. 926+28.00
SEE UPPER RIGHT

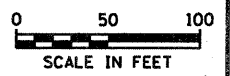
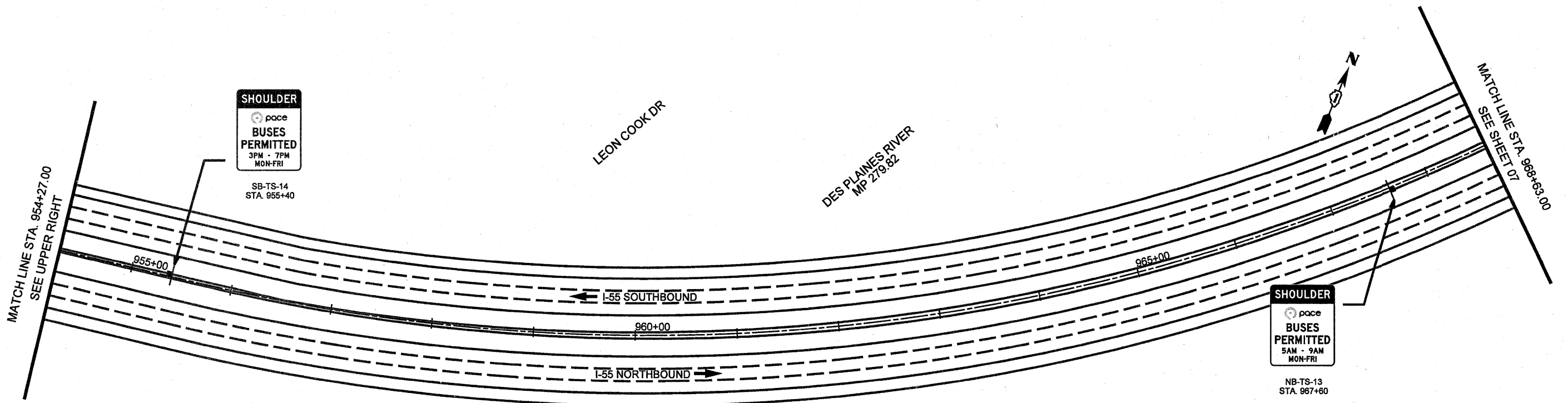
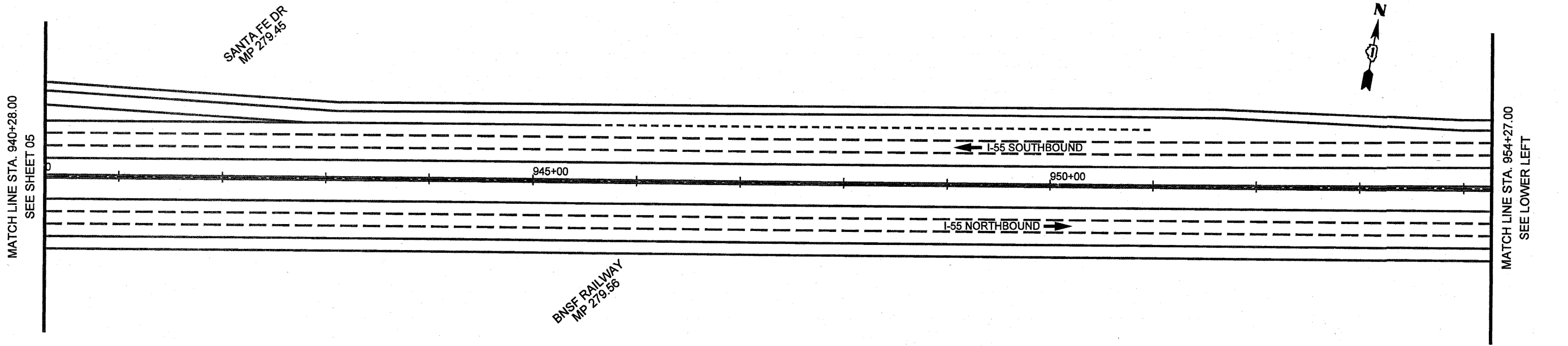
MATCH LINE STA. 926+28.00
SEE LOWER LEFT

MATCH LINE STA. 940+28.00
SEE SHEET 06



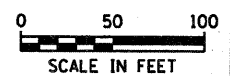
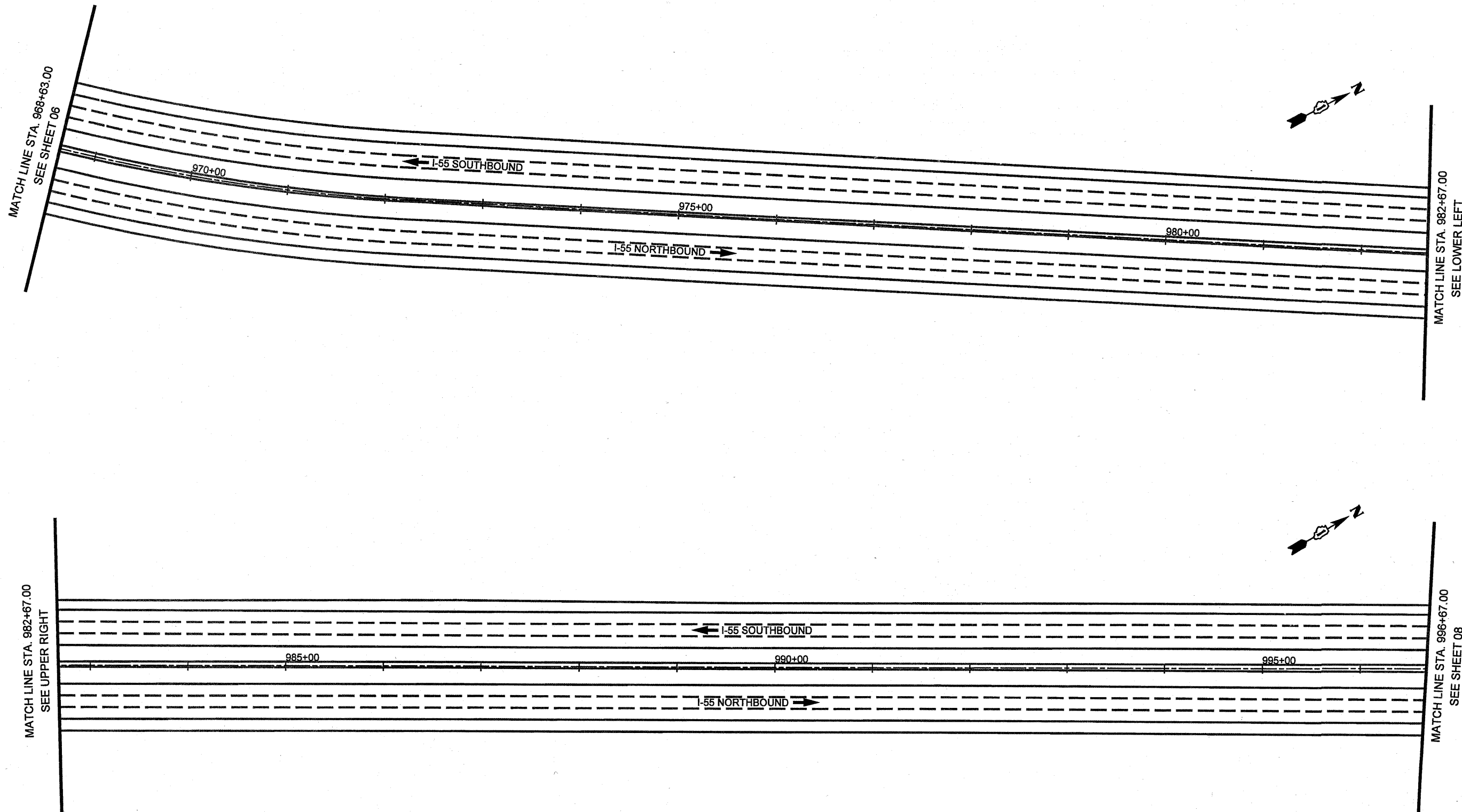
1/13/2011

FILE NAME * #FILE#	USER NAME * #USER#	DESIGNED - SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNING PLAN		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * #SCALE#	DRAWN - SEW	REVISED -		I-55 BUS ON SHOULDER PROJECT		E5		COOK	193	150
	PLOT DATE * #DATE#	CHECKED - ST	REVISED -		SCALE: 1" = 50'	SHEET NO. 05 OF 24 SHEETS	STA. 912+28.00 TO STA. 940+28.00	#10102-631, ETC, 0507-635# RS-3		CONTRACT NO. 60164	
		DATE - 12/2010	REVISED -						ILLINOIS FED. AID PROJECT		



1/13/2011

FILE NAME * #FILE#	USER NAME * #USER#	DESIGNED - SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNING PLAN I-55 BUS ON SHOULDER PROJECT		F.A.I. R.Y.E. 55	SECTION *	COUNTY COOK	TOTAL SHEETS 142	SHEET NO. 151	
		DRAWN - SEW	REVISED -		SCALE: 1" = 50'	SHEET NO. 06 OF 24 SHEETS	STA. 940+28.00 TO STA. 968+63.00	#10102-631, ETC, 0507-635K1 RS-3		CONTRACT NO. 60164		
		CHECKED - ST	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 12/2010	REVISED -									

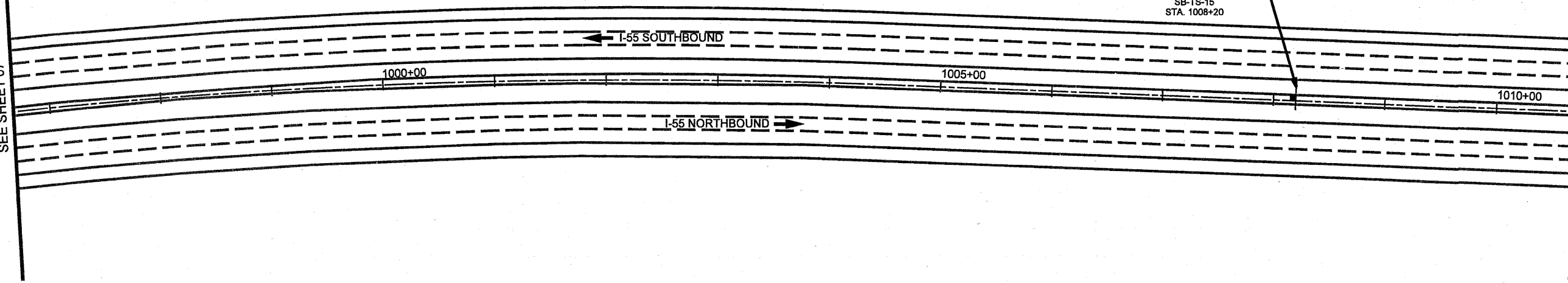


1/13/2011

FILE NAME #FILE#	USER NAME = #USER#	DESIGNED - SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNING PLAN		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - SEW	CHECKED - ST	REVISED -		I-55 BUS ON SHOULDER PROJECT		55		COOK	147	152
	PLOT SCALE = #SCALE#	DATE - 12/2010	REVISED -		SCALE: 1" = 50'	SHEET NO. 07 OF 24 SHEETS	STA. 968+63.00 TO STA. 996+67.00	*10102-631, ETC, 0507-635K) RS-3		CONTRACT NO. 60164	
	PLOT DATE = #DATE#						ILLINOIS FED. AID PROJECT				

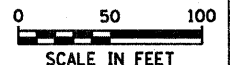
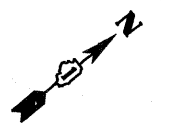
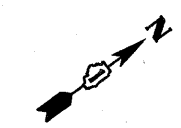
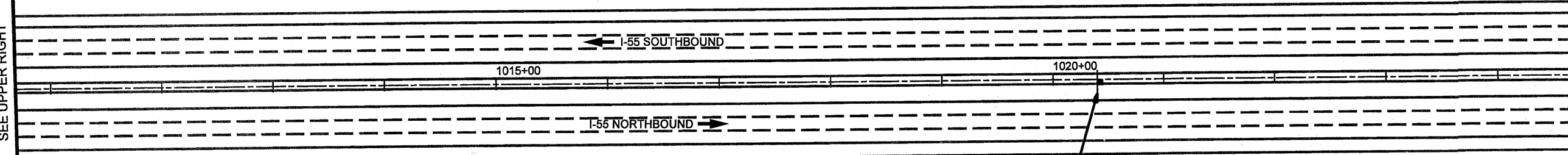
MATCH LINE STA. 996+67.00
SEE SHEET 07

MATCH LINE STA. 1010+69.00
SEE LOWER LEFT



MATCH LINE STA. 1010+69.00
SEE UPPER RIGHT

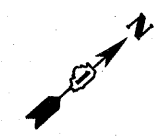
MATCH LINE STA. 1024+69.00
SEE SHEET 09



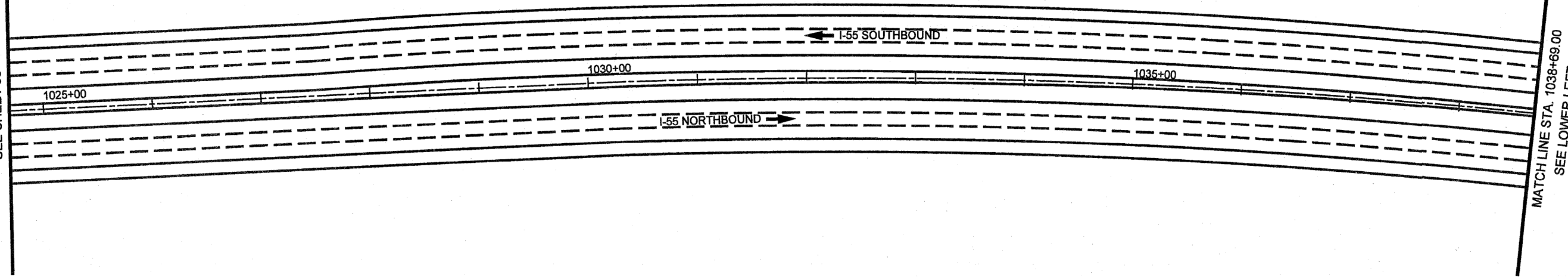
1/13/2011

FILE NAME *	USER NAME * #USER#	DESIGNED - SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNING PLAN I-55 BUS ON SHOULDER PROJECT		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - SEW	REVISED -		SCALE: 1" = 50'	SHEET NO. 08 OF 24 SHEETS	STA. 996+67.00 TO STA. 1024+69.00	55		COOK	197	153
		CHECKED - ST	REVISED -					*(0102-631, ETC, 0507-635K) RS-3		CONTRACT NO. 60164		
		PLOT DATE * #DATE#	REVISED -					ILLINOIS FED. AID PROJECT				
		DATE - 12/2010	REVISED -									

DES PLAINES RIVER

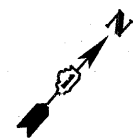


MATCH LINE STA. 1024+69.00
SEE SHEET 08

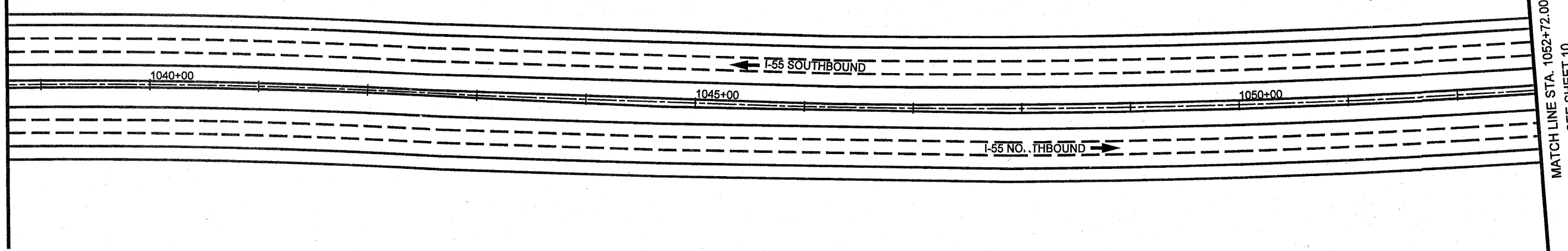


MATCH LINE STA. 1038+69.00
SEE LOWER LEFT

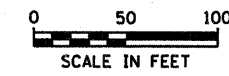
DES PLAINES RIVER



MATCH LINE STA. 1038+69.00
SEE UPPER RIGHT

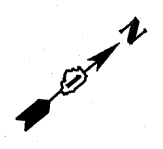


MATCH LINE STA. 1052+72.00
SEE SHEET 10

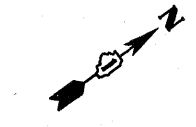


1/19/2011

FILE NAME * #FILEL*	USER NAME * #USER*	DESIGNED - SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNING PLAN I-55 BUS ON SHOULDER PROJECT	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - SEW	REVISED -	55				COOK	197	154	
	PLOT SCALE = #SCALE*	CHECKED - ST	REVISED -			*10102-631, ETC. 0507-635K) RS-3		CONTRACT NO. 60164		
	PLOT DATE * #DATE*	DATE - 12/2010	REVISED -			ILLINOIS FED. AID PROJECT				
					SCALE: 1" = 50'	SHEET NO. 09 OF 24 SHEETS		STA. 1024+69.00 TO STA. 1052+72.00		



SHOULDER
 pocce
BUSES PERMITTED
 3PM - 7PM
 MON-FRI
 SB-TS-16
 STA. 1061+00



SHOULDER
 pocce
BUSES PERMITTED
 5AM - 9AM
 MON-FRI
 NB-TS-15
 STA. 1073+20

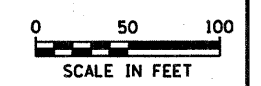
CSXT RAILWAY
 MP 281.69

MATCH LINE STA. 1052+72.00
 SEE SHEET 09

MATCH LINE STA. 1066+73.00
 SEE LOWER LEFT

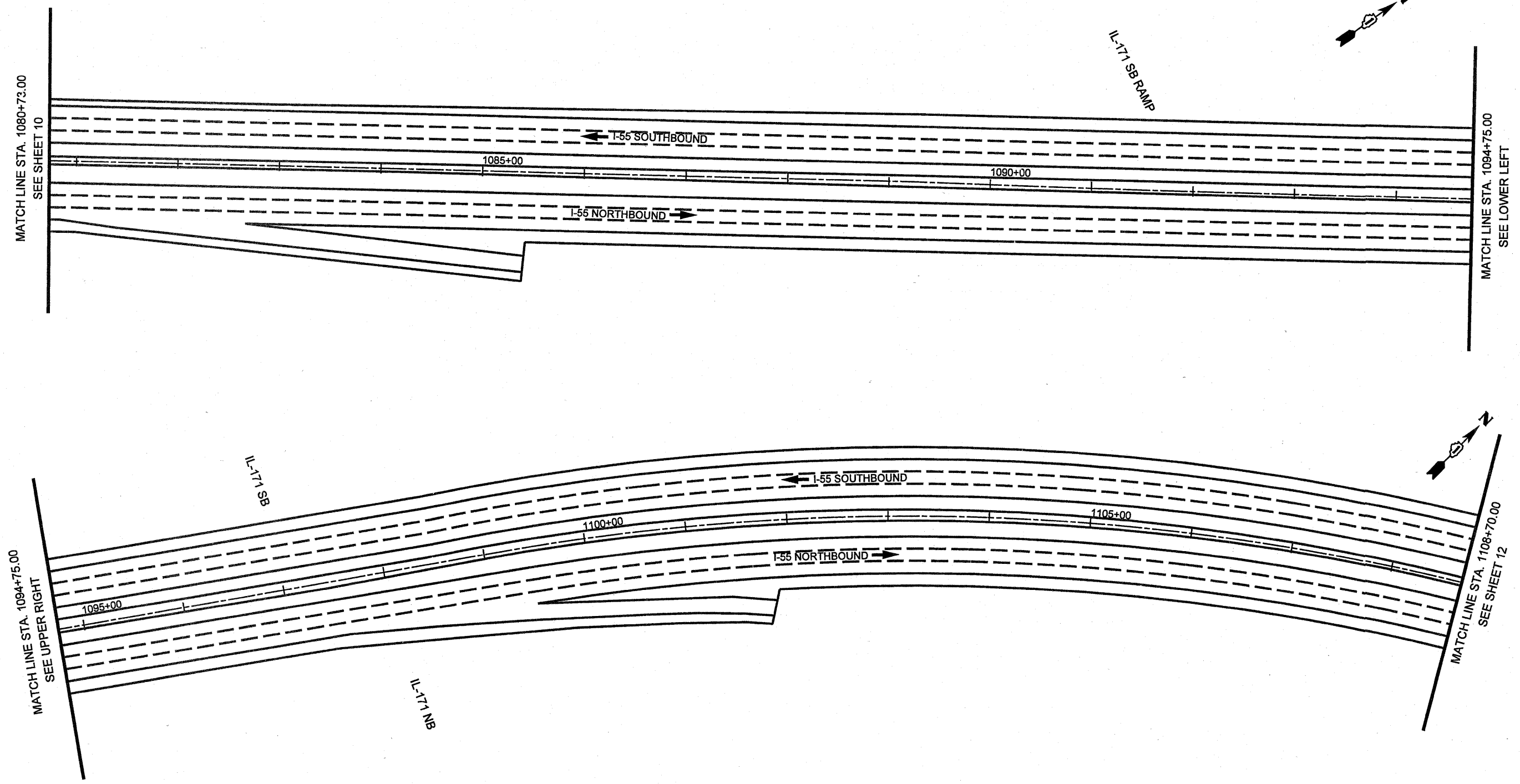
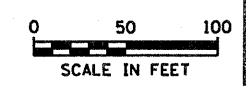
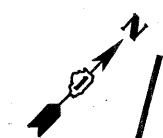
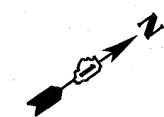
MATCH LINE STA. 1066+73.00
 SEE UPPER RIGHT

MATCH LINE STA. 1080+73.00
 SEE SHEET 11



FILE NAME * #FILE#	USER NAME * #USER#	DESIGNED - SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNING PLAN I-55 BUS ON SHOULDER PROJECT			F.A.J. RTE. 55	SECTION .	COUNTY COOK	TOTAL SHEETS 143	SHEET NO. 135
	PLOT SCALE * #SCALE#	CHECKED - ST	REVISED -		SCALE: 1" = 50'	SHEET NO. 10 OF 24 SHEETS	STA. 1052+72.00 TO STA. 1080+73.00	*10102-631, ETC, 0507-635K) RS-3		CONTRACT NO. 60164		
	PLOT DATE * #DATE#	DATE - 12/2010	REVISED -		ILLINOIS FED. AID PROJECT							

1/12/2011



1/2/2011

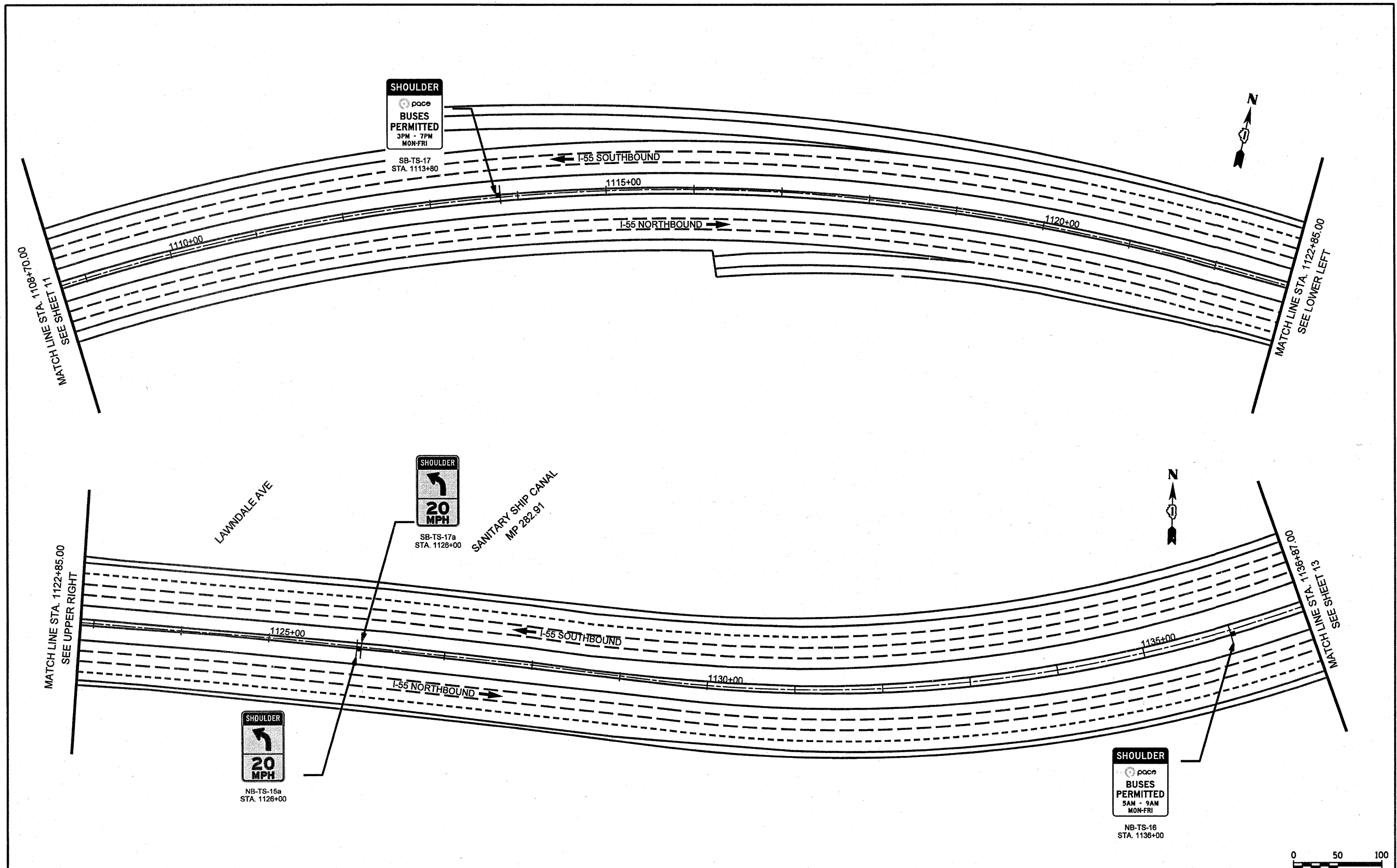
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		DRAWN - SEW	REVISED -
		CHECKED - ST	REVISED -
		DATE - 12/2010	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

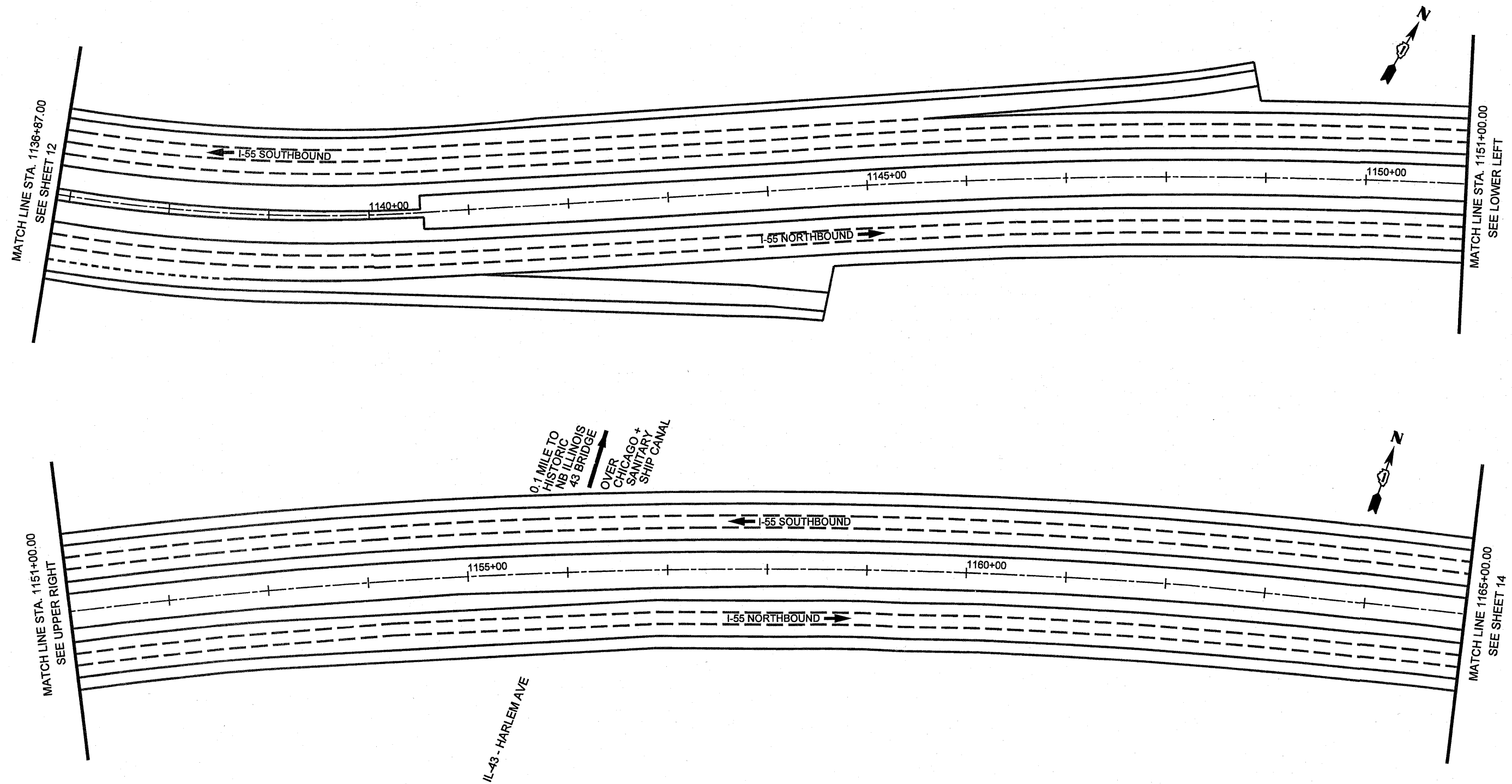
SCALE: 1" = 50' SHEET NO. 11 OF 24 SHEETS STA. 1080+73.00 TO STA. 1108+70.00

F.A.I. RTE. 55	SECTION *	COUNTY COOK	TOTAL SHEETS 197	SHEET NO. 156
*0102-631, ETC. 0507-635K) R5-3			CONTRACT NO. 60164	
ILLINOIS FED. AID PROJECT				

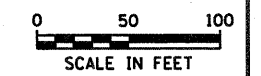


1/12/2011

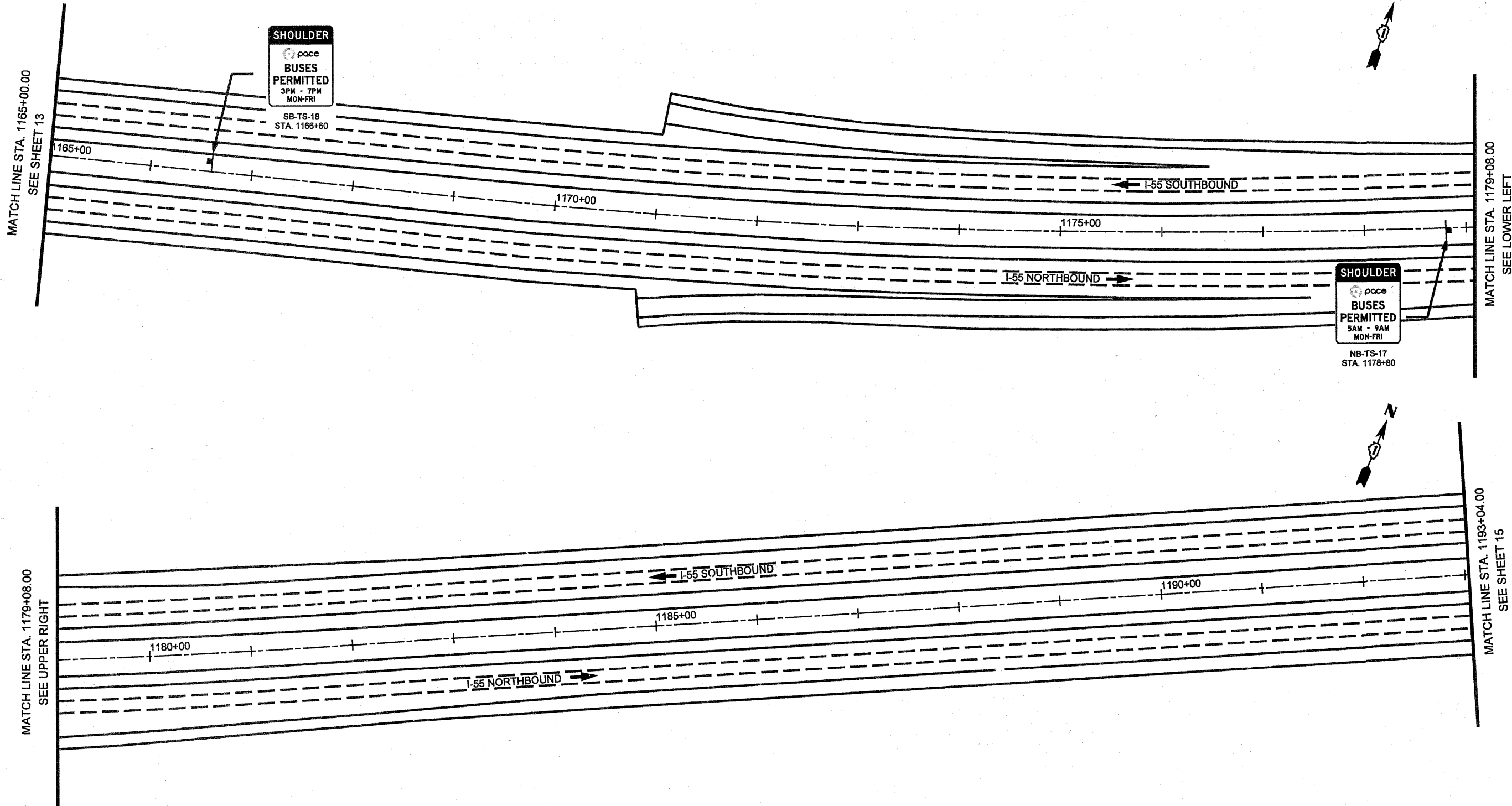
FILE NAME #FILE#	USER NAME = #USER#	DESIGNED - SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNING PLAN I-55 BUS ON SHOULDER PROJECT		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	DRAWN - SEW	REVISED -		55		COOK	147	157		
	PLOT DATE = #DATE#	CHECKED - ST	REVISED -		SCALE: 1" = 50'		SHEET NO. 12 OF 24 SHEETS	+0102-631, ETC, 0507-635K) RS-3		CONTRACT NO. 60164	
		DATE - 12/2010	REVISED -		STA. 1108+70.00 TO STA. 1136+87.00		ILLINOIS FED. AID PROJECT				



1/13/2011



FILE NAME #FILE#	USER NAME • #USER#	DESIGNED - SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNING PLAN		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE • #SCALE#	DRAWN - SEW	REVISED -		I-55 BUS ON SHOULDER PROJECT		55		COOK	147	138
	PLOT DATE • #DATE#	CHECKED - ST	REVISED -		SCALE: 1" = 50'	SHEET NO. 13 OF 24 SHEETS	STA. 1136+87.00 TO STA. 1165+00.00	*0102-631, ETC. 0507-635K) RS-3		CONTRACT NO. 60164	
		DATE - 12/2010	REVISED -				ILLINOIS FED. AID PROJECT				

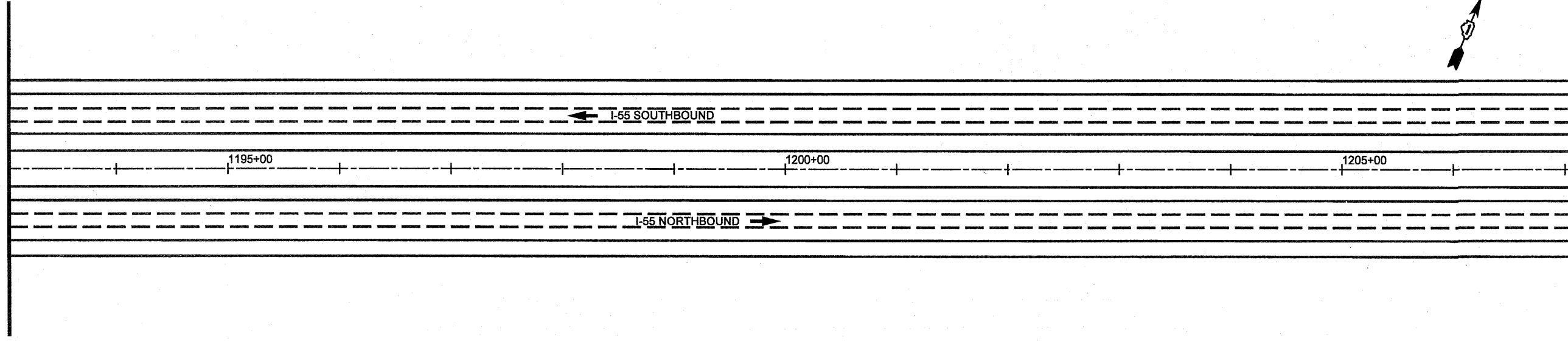


1/12/2011

FILE NAME #FILE#	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNING PLAN		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	#USER#	SEW	-		I-55 BUS ON SHOULDER PROJECT		55		COOK	197	159	
	PLOT SCALE	CHECKED	REVISED		SCALE: 1" = 50'		SHEET NO. 14 OF 24 SHEETS		CONTRACT NO. 60164		ILLINOIS FED. AID PROJECT	
	#SCALE#	ST	-		STA. 1165+00.00 TO STA. 1193+04.00							
PLOT DATE	DATE	12/2010	REVISED									

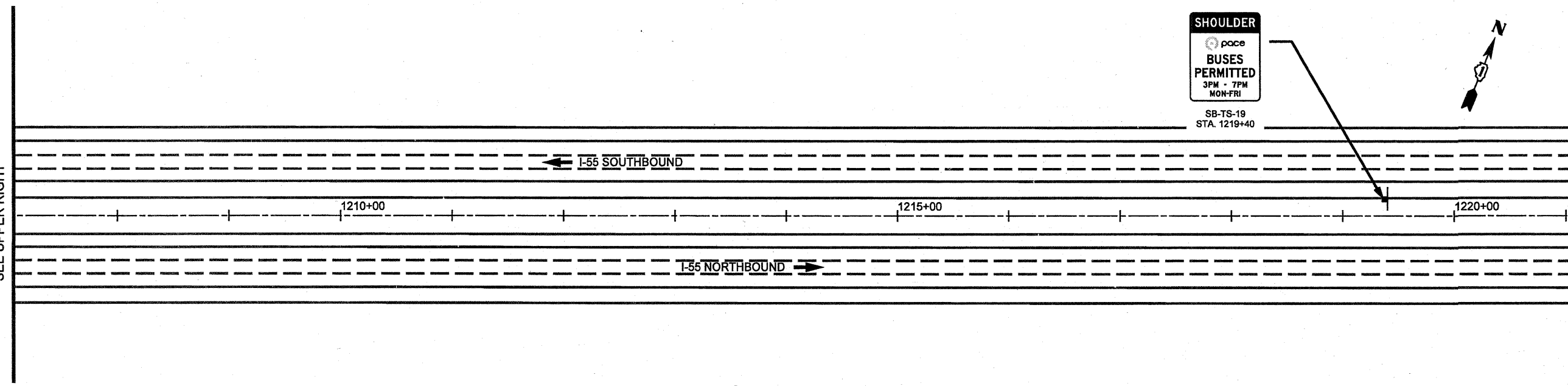
MATCH LINE STA. 1193+04.00
SEE SHEET 14

MATCH LINE STA. 1207+07.00
SEE LOWER LEFT



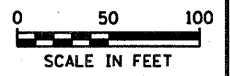
MATCH LINE STA. 1207+07.00
SEE UPPER RIGHT

MATCH LINE STA. 1221+07.00
SEE SHEET 16



SHOULDER

BUSES PERMITTED
 3PM - 7PM
 MON-FRI
 SB-TS-19
 STA. 1219+40



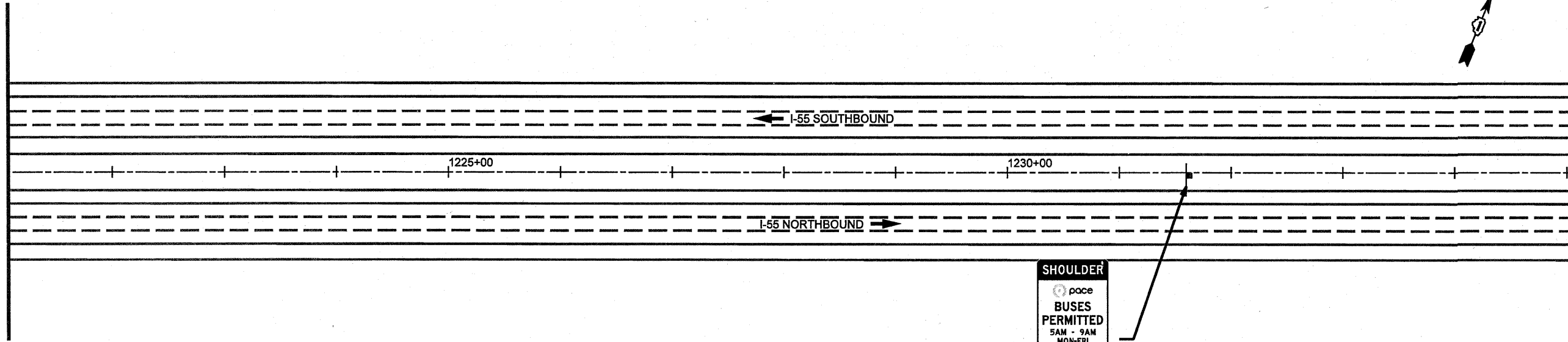
1/13/2011

FILE NAME * #FILE#	USER NAME * #USER#	DESIGNED - SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNING PLAN I-55 BUS ON SHOULDER PROJECT		F.A.I. RTE. #	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	DRAWN - SEW	REVISED -		55		COOK	197	1168		
	PLOT DATE * #DATE#	CHECKED - ST	REVISED -		SCALE: 1" = 50'		SHEET NO. 15 OF 24 SHEETS	STA. 1193+04.00 TO STA. 1221+07.00	CONTRACT NO. 60164		
	DATE - 12/2010	REVISOR -	REVISED -						ILLINOIS FED. AID PROJECT		



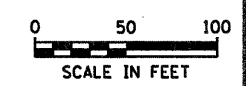
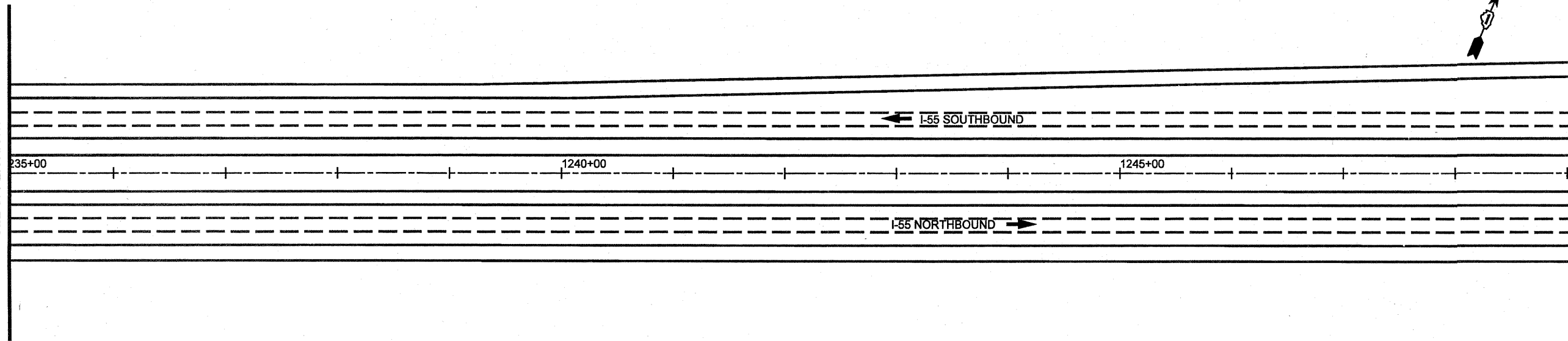
MATCH LINE STA. 1221+07.00
SEE SHEET 15

MATCH LINE STA. 1235+07.00
SEE LOWER LEFT



MATCH LINE STA. 1235+07.00
SEE UPPER RIGHT

MATCH LINE STA. 1249+07.00
SEE SHEET 17



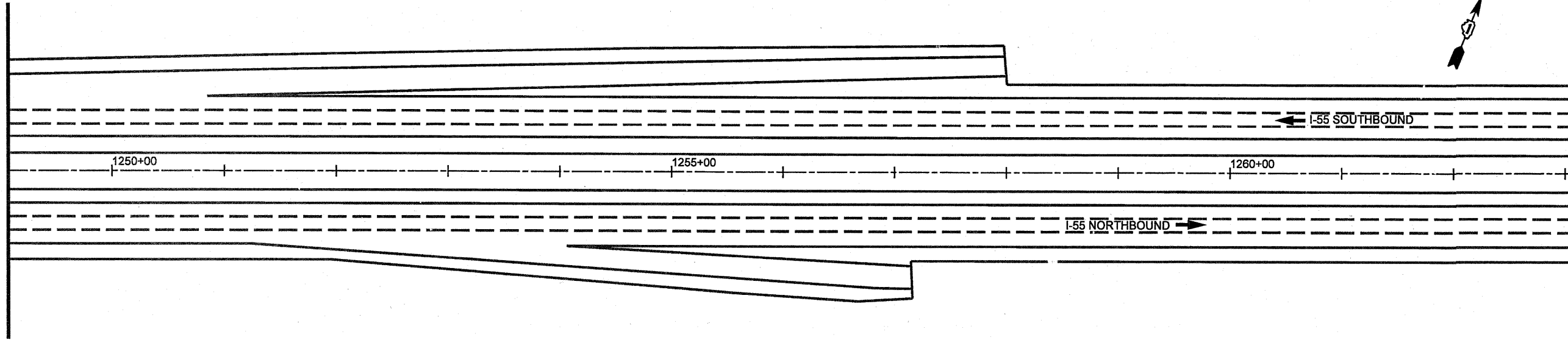
1/16/2011

FILE NAME #FILE#	USER NAME	DESIGNED - SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNING PLAN			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - SEW	REVISED -		I-55 BUS ON SHOULDER PROJECT			55	*	COOK	147	164
	PLOT SCALE	CHECKED - ST	REVISED -		SCALE: 1" = 50'	SHEET NO. 16 OF 24 SHEETS	STA. 1221+07.00 TO STA. 1249+07.00	10102-631, ETC. 0507-635K) RS-3		CONTRACT NO. 60164		
	PLOT DATE	DATE - 12/2010	REVISED -		ILLINOIS FED. AID PROJECT							



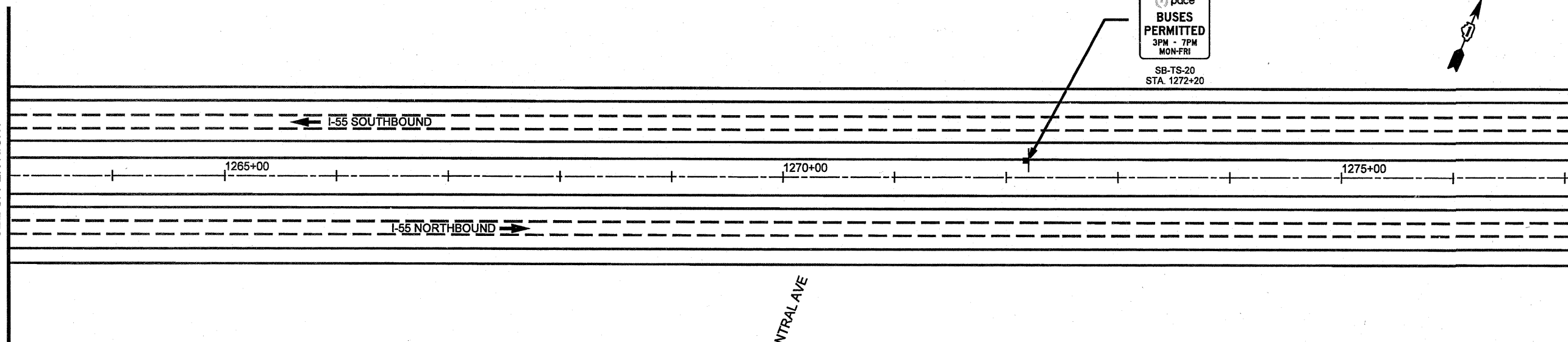
MATCH LINE STA. 1249+07.00
SEE SHEET 16

MATCH LINE STA. 1263+07.00
SEE LOWER LEFT



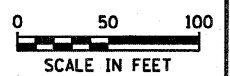
MATCH LINE STA. 1263+07.00
SEE UPPER RIGHT

MATCH LINE STA. 1277+07.00
SEE SHEET 18



SHOULDER
 pace
BUSES PERMITTED
 3PM - 7PM
 MON-FRI
 SB-TS-20
 STA. 1272+20

CENTRAL AVE

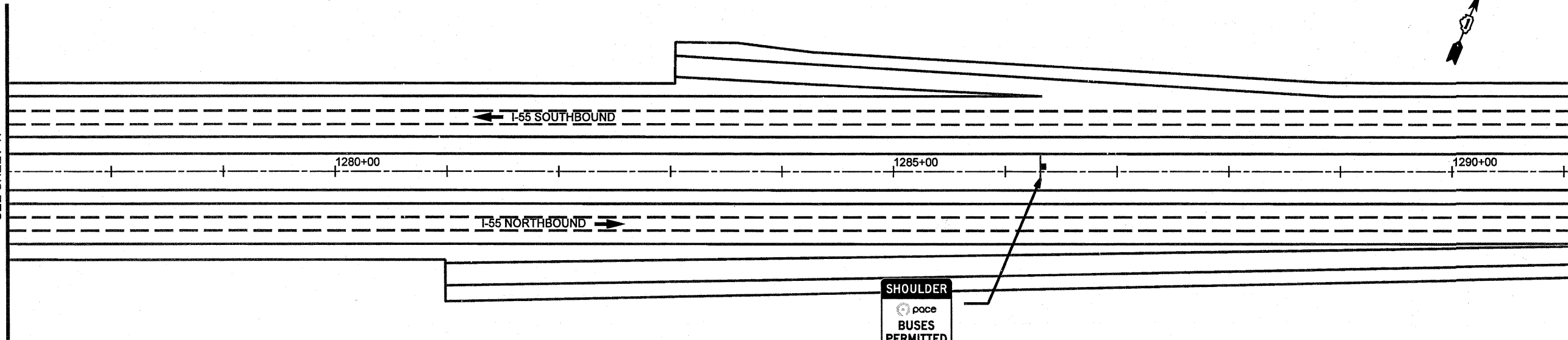


1/13/2011

FILE NAME #FILE#	USER NAME = #USER#	DESIGNED - SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNING PLAN I-55 BUS ON SHOULDER PROJECT	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	DRAWN - SEW	REVISED -			55		COOK	192	162
	PLOT DATE = #DATE#	CHECKED - ST	REVISED -			*0102-631, ETC. 0507-635K) RS-3		CONTRACT NO. 60164		
		DATE - 12/2010	REVISED -			ILLINOIS FED. AID PROJECT				
					SCALE: 1" = 50'	SHEET NO. 17 OF 24 SHEETS		STA. 1249+07.00 TO STA. 1277+07.00		

MATCH LINE STA. 1277+07.00
SEE SHEET 17

MATCH LINE STA. 1291+07.00
SEE LOWER LEFT

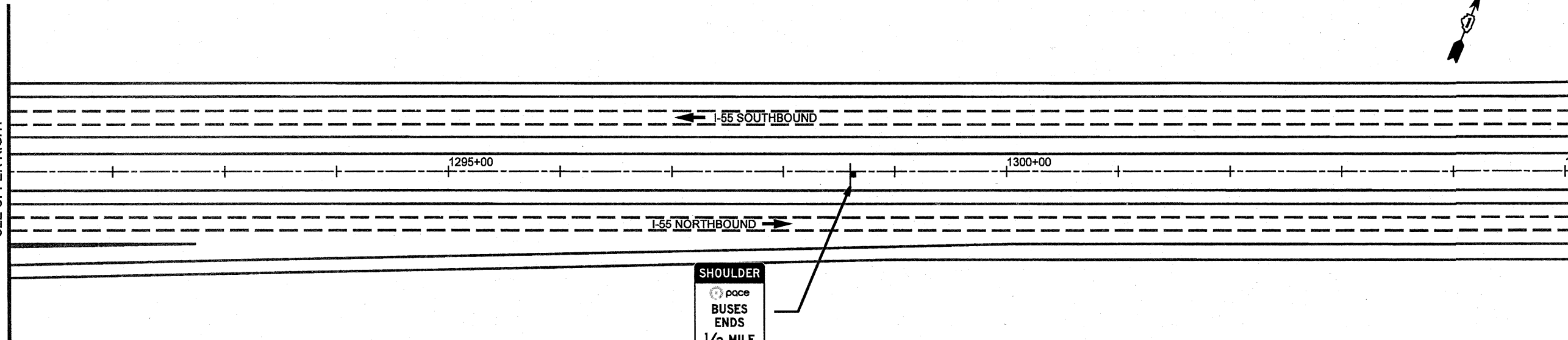


SHOULDER
pace
BUSES PERMITTED
5AM - 9AM
MON-FRI

NB-PM-19
STA. 1286+30

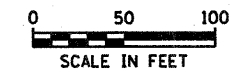
MATCH LINE STA. 1291+07.00
SEE UPPER RIGHT

MATCH LINE STA. 1305+07.00
SEE SHEET 19



SHOULDER
pace
BUSES ENDS
1/2 MILE

NB-TS-20
STA. 1298+60



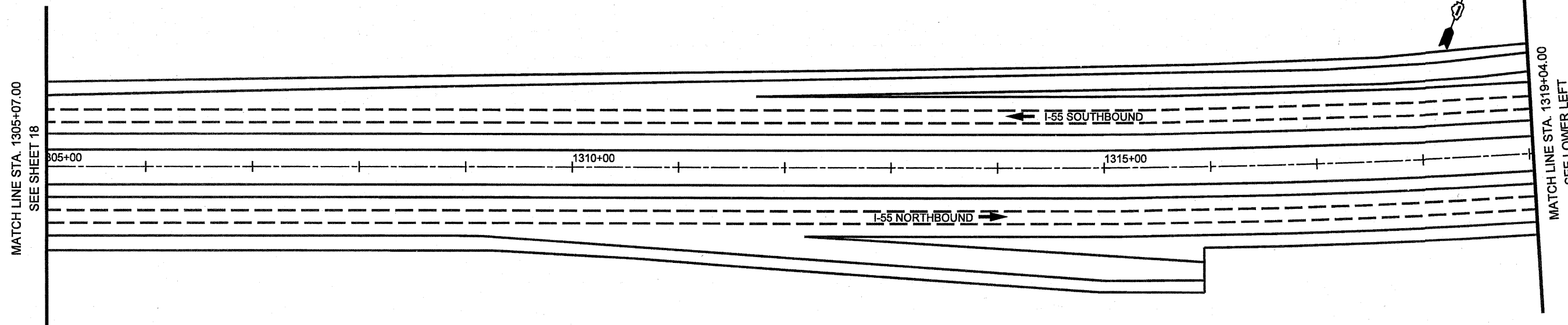
1/12/2011

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

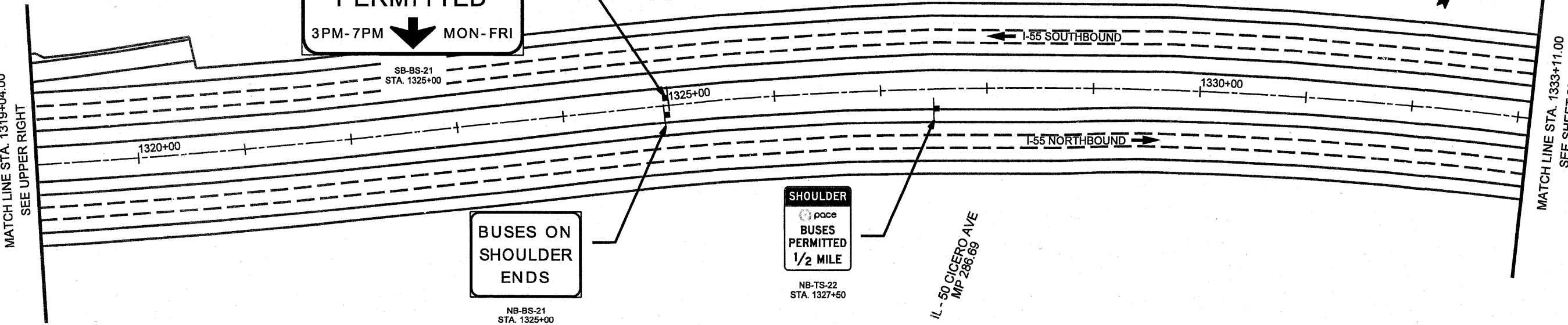
SIGNING PLAN		
I-55 BUS ON SHOULDER PROJECT		
SCALE: 1" = 50'	SHEET NO. 18 OF 24 SHEETS	STA. 1277+07.00 TO STA. 1305+07.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55		COOK	197	163
*10102-631, ETC, 0507-635K1 RS-3			CONTRACT NO. 60164	
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 1305+07.00
SEE SHEET 18

MATCH LINE STA. 1319+04.00
SEE LOWER LEFT



MATCH LINE STA. 1319+04.00
SEE UPPER RIGHT

MATCH LINE STA. 1333+11.00
SEE SHEET 20

SHOULDER
pace **BUSES PERMITTED**
3PM-7PM **MON-FRI**

BUSES ON SHOULDER ENDS

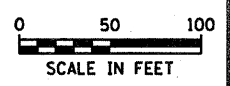
SHOULDER
pace **BUSES PERMITTED**
1/2 MILE

IL-50 CICERO AVE
MP 286.69

SB-BS-21
STA. 1325+00

NB-BS-21
STA. 1325+00

NB-TS-22
STA. 1327+50



1/13/2011

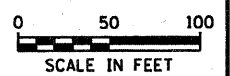
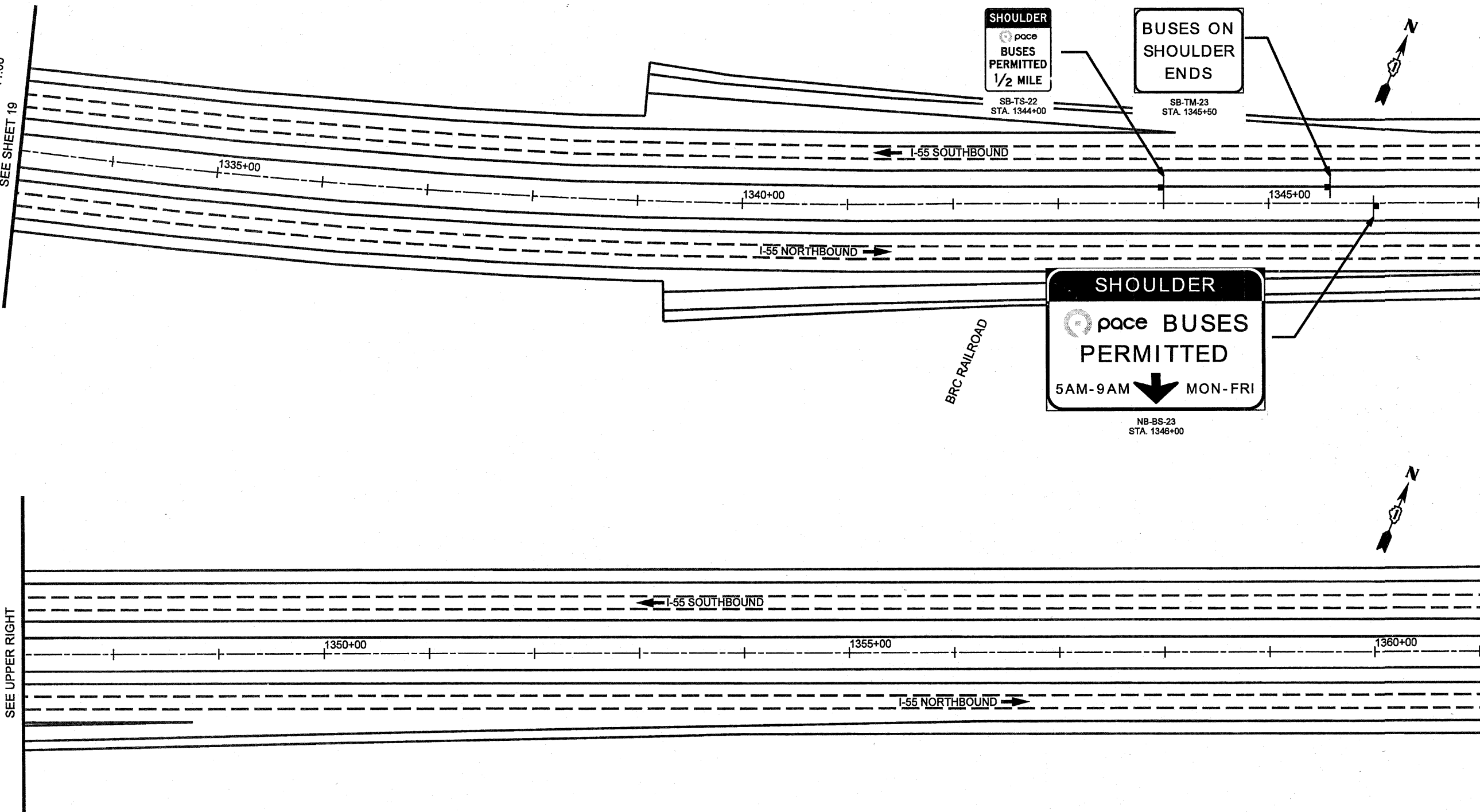
FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNING PLAN I-55 BUS ON SHOULDER PROJECT		F.A.I. RTE. 55	SECTION .	COUNTY COOK	TOTAL SHEETS 193	SHEET NO. 164	
	PLOT SCALE = #SCALE#	DRAWN - SEW	REVISED -		SCALE: 1" = 50'	SHEET NO. 19 OF 24 SHEETS	STA. 1305+07.00 TO STA. 1333+11.00	CONTRACT NO. 60164				
	PLOT DATE = #DATE#	CHECKED - ST	REVISED -						ILLINOIS FED. AID PROJECT			
		DATE - 12/2010	REVISED -									

MATCH LINE STA. 1333+11.00
SEE SHEET 19

MATCH LINE STA. 1347+14.00
SEE LOWER LEFT

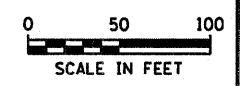
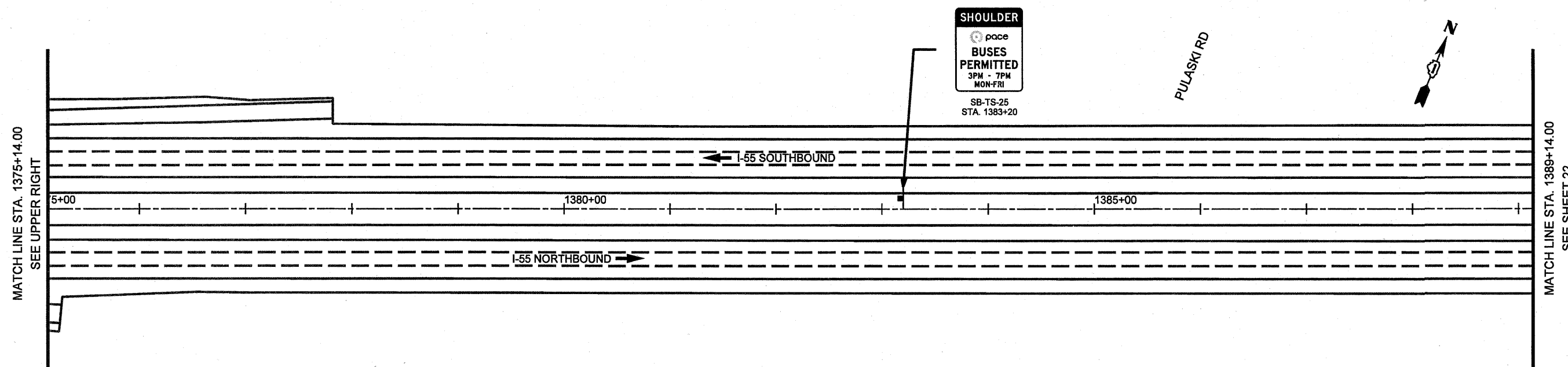
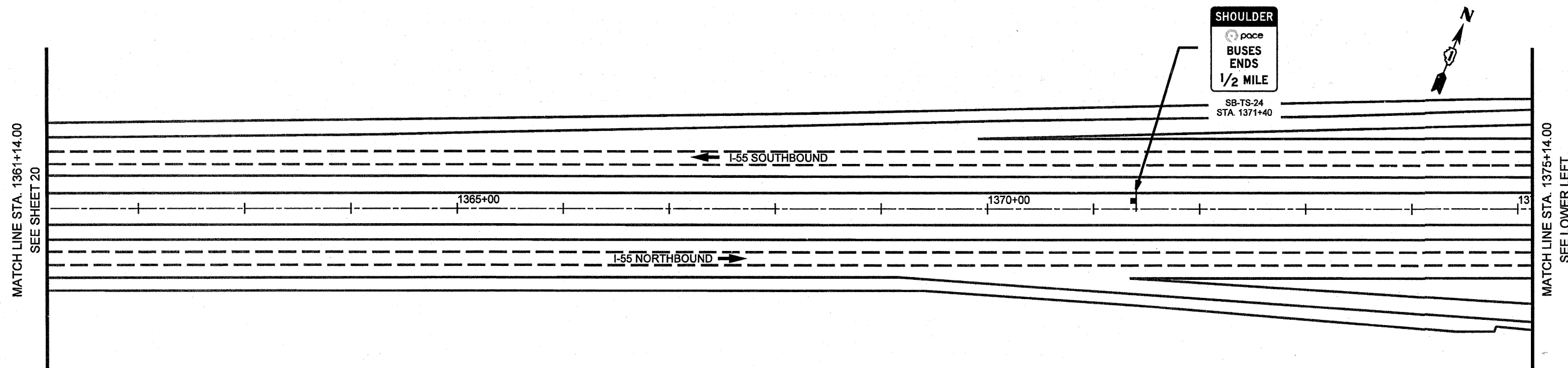
MATCH LINE STA. 1347+14.00
SEE UPPER RIGHT

MATCH LINE STA. 1361+14.00
SEE SHEET 21



11/13/2011

FILE NAME *	USER NAME * #USER*	DESIGNED - SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNING PLAN I-55 BUS ON SHOULDER PROJECT	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - SEW	REVISED -			55		COOK	197	168
		CHECKED - ST	REVISED -			10102-631, ETC, 0507-635K) RS-3		CONTRACT NO. 60164		
		DATE - 12/2010	REVISED -			SCALE: 1" = 50'		SHEET NO. 20 OF 24 SHEETS		STA. 1333+11.00 TO STA. 1361+14.00



FILE NAME * #FILE#	USER NAME * #USER#	DESIGNED - SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNING PLAN I-55 BUS ON SHOULDER PROJECT			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * #SCALE#	DRAWN - SEW	REVISED -		55	.	COOK	197	166	CONTRACT NO. 60164	[ILLINOIS] FED. AID PROJECT	
	PLOT DATE * #DATE#	CHECKED - ST	REVISED -		SCALE: 1" = 50'			SHEET NO. 21 OF 24 SHEETS				STA. 1361+14.00 TO STA. 1389+14.00
	DATE - 12/2010	REVISED -										

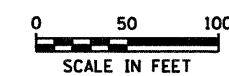
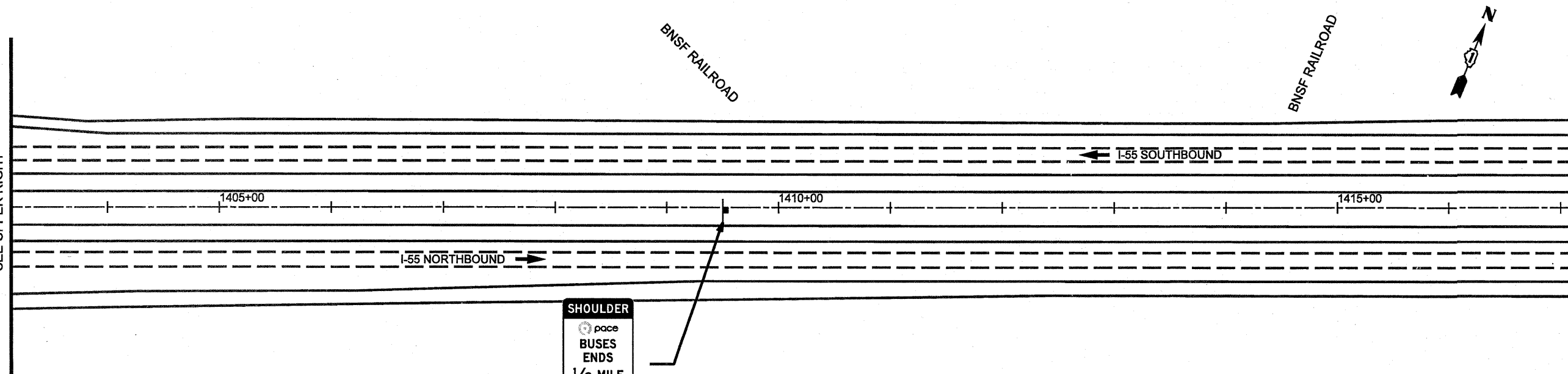
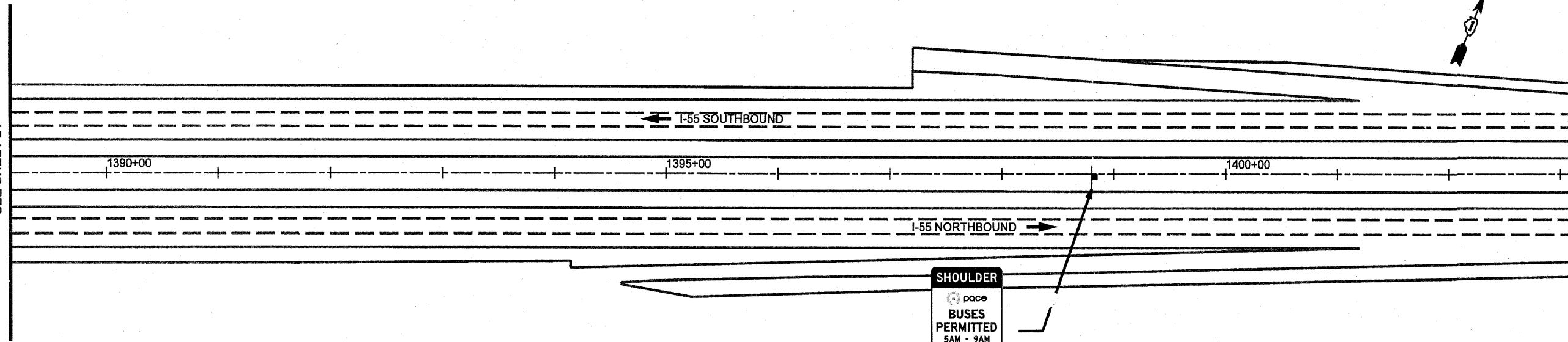
V13/2011

MATCH LINE STA. 1389+14.00
SEE SHEET 21

MATCH LINE STA. 1403+14.00
SEE UPPER RIGHT

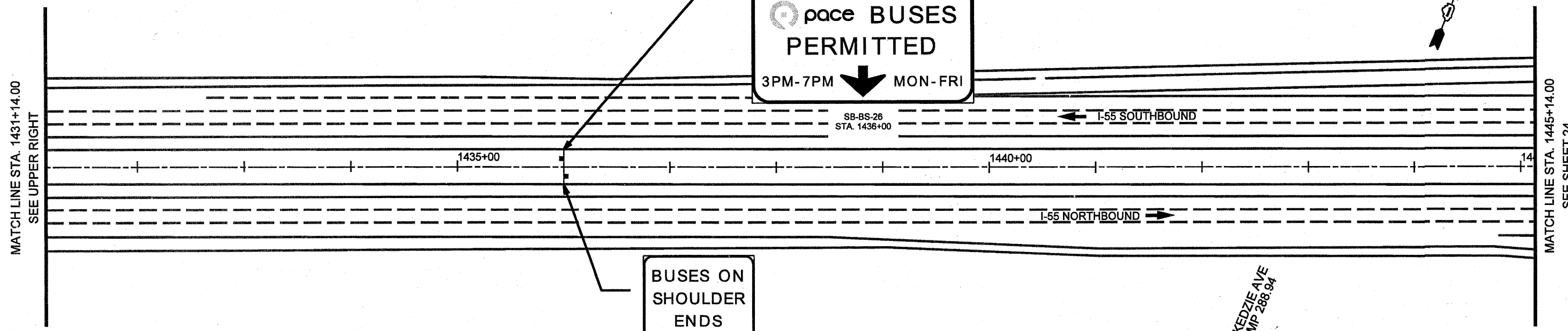
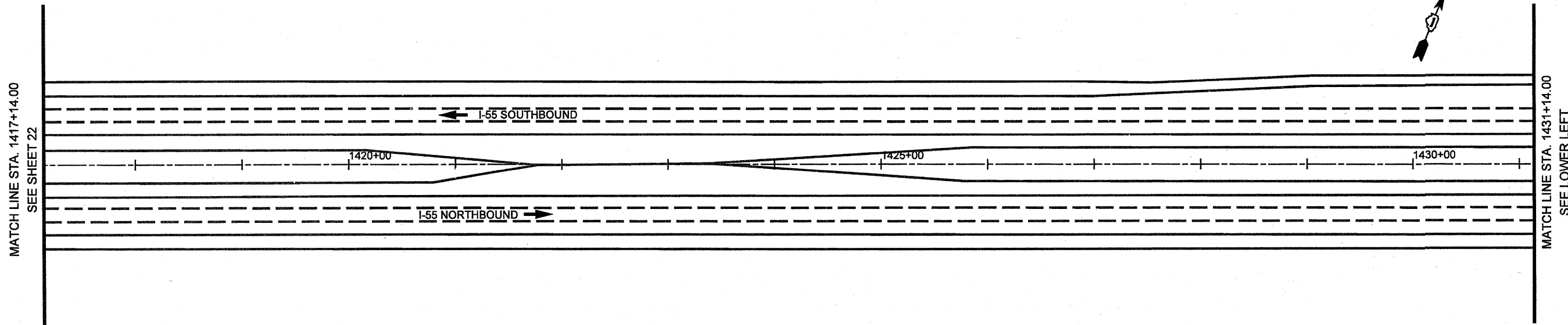
MATCH LINE STA. 1403+14.00
SEE LOWER LEFT

MATCH LINE STA. 1417+14.00
SEE SHEET 23



1/14/2011

FILE NAME #FILE#	USER NAME = #USER#	DESIGNED - SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNING PLAN I-55 BUS ON SHOULDER PROJECT		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
	PLOT SCALE = #SCALE#	DRAWN - SEW	REVISED -		55	-	COOK	199	119	
	PLOT DATE = #DATE#	CHECKED - ST	REVISED -		SCALE: 1" = 50'		SHEET NO. 22 OF 24 SHEETS	STA. 1389+14.00 TO STA. 1417+14.00		CONTRACT NO. 60164
		DATE - 12/2010	REVISED -						ILLINOIS FED. AID PROJECT	



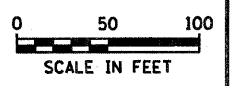
SHOULDER
 pace BUSES
 PERMITTED
 3PM-7PM ↓ MON-FRI

SB-BS-26
 STA. 1436+00

BUSES ON
 SHOULDER
 ENDS

NB-BS-26
 STA. 1436+00

KEDZIE AVE
 MP 288.94

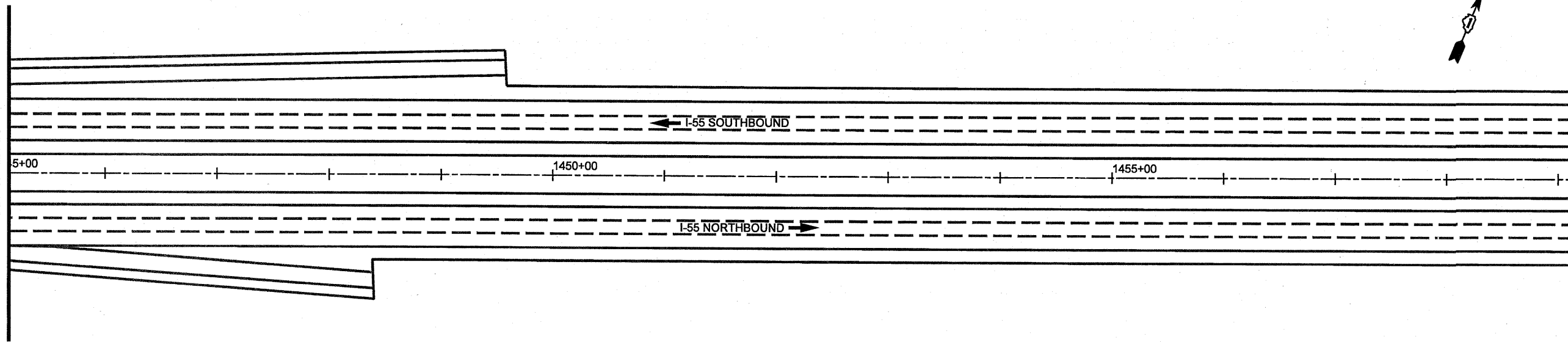


1/13/2011

FILE NAME #FILE#	USER NAME #USER#	DESIGNED - SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNING PLAN I-55 BUS ON SHOULDER PROJECT			F.A.I. RTE. 55	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE #SCALE#	DRAWN - SEW	REVISED -		SCALE: 1" = 50'	SHEET NO. 23 OF 24 SHEETS	STA. 1417+14.00 TO STA. 1445+14.00	#0102-631, ETC, 0507-635K1 RS-3	COOK	197	168	
	PLOT DATE #DATE#	CHECKED - ST	REVISED -		CONTRACT NO. 60164							
		DATE - 12/2010	REVISED -		ILLINOIS FED. AID PROJECT							

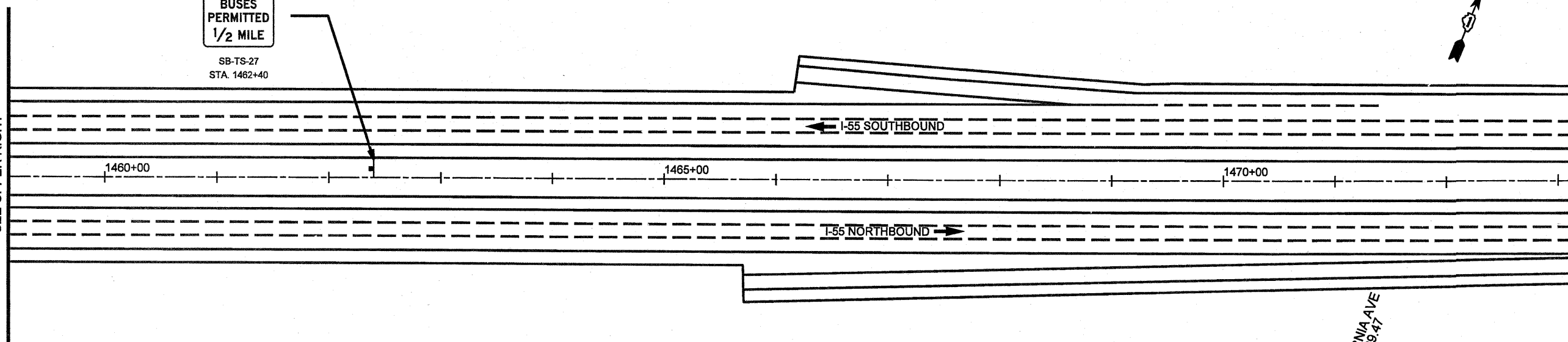
MATCH LINE STA. 1445+14.00
SEE SHEET 23

MATCH LINE STA. 1459+14.00
SEE LOWER LEFT

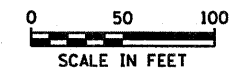


MATCH LINE STA. 1459+14.00
SEE UPPER RIGHT

CALIFORNIA AVE
MP 289.47



SHOULDER
pace
BUSES PERMITTED
1/2 MILE
SB-TS-27
STA. 1462+40

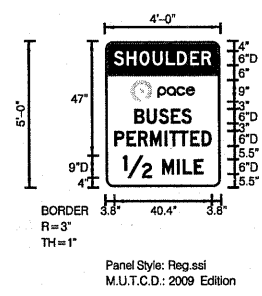


1/13/2011

FILE NAME * #FILE#	USER NAME * #USER#	DESIGNED - SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNING PLAN		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * #SCALE#	DRAWN - SEW	REVISED -		I-55 BUS ON SHOULDER PROJECT		55		COOK	197	169
	PLOT DATE * #DATE#	CHECKED - ST	REVISED -		SCALE: 1" = 50'	SHEET NO. 24 OF 24 SHEETS	STA. 1445+14.00 TO STA. 1473+14.00	*10102-631, ETC, 0507-635K1 RS-3		CONTRACT NO. 60164	
	DATE - 12/2010	REVISED -							ILLINOIS FED. AID PROJECT		

SIGN DETAIL

1:75



Panel Style: Reg.ssi
M.U.T.C.D.: 2009 Edition

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

Letter locations are paneledge to lower left corner

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

SYMBOL	ROT	X	Y	WID	HT
☉ pace	0	10.6	35	26.7	9

LETTER POSITIONS (X)

LENGTH SERIES/SIZE

Letter	X	Y	Length	Series/Size
S	3.8	8.9	40.4	D 2000
H	8.9	8.9		
O	14.3	8.9		
U	19.9	8.9		
L	25.4	8.9		
D	30	8.9		
E	35.4	8.9		
R	40.2	8.9		
B	12.2	17.3	23.7	D 2000
U	17.3	17.3		
S	22.4	17.3		
E	27.5	17.3		
S	31.8	17.3		
P	3.9	8.9	40.3	D 2000
E	8.9	8.9		
R	13.6	8.9		
M	18.7	8.9		
I	24.8	8.9		
T	26.7	8.9		
T	30.8	8.9		
E	35.4	8.9		
D	40.1	8.9		
1/2	7.4	23.8	33.2	D 2000
M	23.8	23.8		9,6
I	29.9	23.8		
L	32.3	23.8		
E	37	23.8		

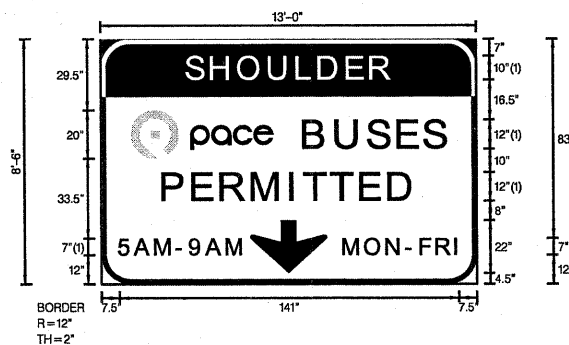
11/3/2011

FILE NAME *	USER NAME * #USER#	DESIGNED - SEW	REVISOR -	<p>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p>SIGN DETAIL SHEETS I-55 BUS ON SHOULDER PROJECT</p>	F.A.I. RTE. 55	SECTION *	COUNTY COOK	TOTAL SHEETS 197	SHEET NO. 190
#FILEL#		DRAWN - SEW	REVISOR -			#I0102-631, ETC, 0507-635K) RS-3	CONTRACT NO. 60164	ILLINOIS FED. AID PROJECT		
	PLOT SCALE #SCALE#	CHECKED - ST	REVISOR -			SCALE: N.T.S.	SHEET NO. 1 OF 8 SHEETS			
	PLOT DATE #DATE#	DATE - 12/2010	REVISOR -							

SIGN DETAIL

1:75

SIGN NUMBER	2A
WIDTH x HGHT.	13'-0" x 8'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: White
LEGEND/BORDER	TYPE: Reflective
	COLOR: Black,White /Black



FONT:
(1) Clearview-hwy-5-W
Panel Style: REG2.ssi
M.U.T.C.D.: 2009 Edition

Panel Style: REG2.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

SYMBOL	ROT	X	Y	WID	HT
	0	12.5	52.5	59.4	20
ARNDOWN	0	62	4.5	32	22

LETTER POSITIONS (X)											LENGTH	SERIESIZE
S	H	O	U	L	D	E	R					Clearview-hwy-5-W
35.9	46.4	57.7	70.5	82.2	91.3	102.9	112.6				84.1	10
B	U	S	E	S								Clearview-hwy-5-W
85.1	98.4	111.5	124.1	134.9							58.4	12
P	E	R	M	I	T	T	E	D				Clearview-hwy-5-W
26.2	38.7	50.4	63.5	79.3	85.2	96.2	108.4	120.1			103.6	12
5	A	M	-	9	A	M						Clearview-hwy-5-W
7.5	14.1	22.6	31.8	37	43.8	52.4					51.3	7
M	O	N	-	F	R	I						Clearview-hwy-5-W
101	109.9	118.9	127.4	132.9	139.5	147.1					47.5	7

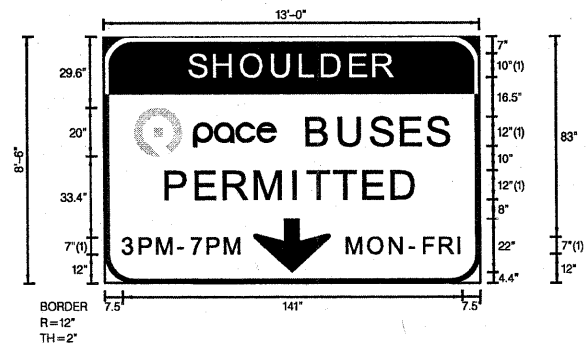
1/13/2011

FILE NAME *	USER NAME * #USER#	DESIGNED - SEW	REvised -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGN DETAIL SHEETS I-55 BUS ON SHOULDER PROJECT	F.A.I. RTE. 55	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#	DRAWN - SEW	CHECKED - ST	REvised -			COOK	193	177		
PLOT SCALE * #SCALE#	DATE - 12/2010	REvised -	SCALE: N.T.S.			SHEET NO. 2 OF 8 SHEETS	CONTRACT NO. 60164			
PLOT DATE * #DATE#	ILLINOIS FED. AID PROJECT									

SIGN DETAIL

1:75

SIGN NUMBER	2B
WIDTH x HGHT.	13'-0" x 8'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: White
LEGEND/BORDER	TYPE: Reflective
	COLOR: Black,White /Black



FONT:
 (1) ClearviewHwy-5-W
 Panel Style: REG2.ssi
 M.U.T.C.D.: 2009 Edition

Panel Style: REG2.ssi
 Dimensions are in inches.tenths

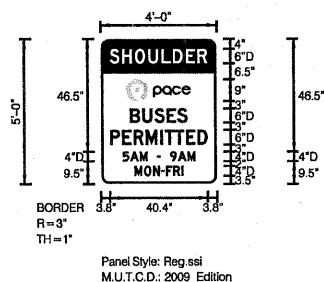
Letter locations are panel edge to lower left corner

SYMBOL	ROT	X	Y	WID	HT
pace	0	12.5	52.4	59.4	20
ARDOWN	0	62	4.4	32	22

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE
S	H	O	U	L	D	E	R				ClearviewHwy-5-W
35.9	46.4	57.7	70.5	82.2	91.3	102.9	112.6			84.1	10
B	U	S	E	S							ClearviewHwy-5-W
85.1	98.4	111.5	124.1	134.9						58.4	12
P	E	R	M	I	T	T	E	D			ClearviewHwy-5-W
26.2	38.7	50.4	63.5	79.3	85.2	96.2	108.5	120.2		103.6	12
3	P	M	-	7	P	M					ClearviewHwy-5-W
7.5	14.9	22.2	31.3	36.2	43.2	50.5				49.4	7
M	O	N	-	F	R	I					ClearviewHwy-5-W
101	109.9	118.9	127.4	132.9	139.5	147.2				47.5	7

SIGN DETAIL

1:75



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

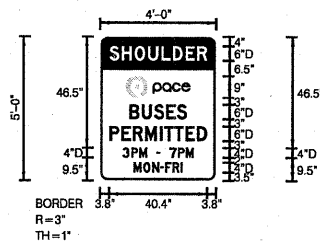
SYMBOL	ROT	X	Y	WID	HT
pace	0	10.6	34.5	26.8	9

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

Letter locations are panel edge to lower left corner

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

SIGN DETAIL
1:75



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

SYMBOL	ROT	X	Y	WID	HT
pace	0	10.6	34.5	26.8	9

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

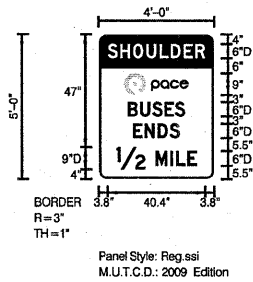
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)																		LENGTH	SERIESSIZE
S	H	O	U	L	D	E	R												D 2000
3.8	8.9	14.3	19.9	25.4	30	35.4	40.2											40.4	6
B	U	S	E	S															D 2000
12.2	17.3	22.4	27.5	31.8														23.7	6
P	E	R	M	I	T	T	E	D											D 2000
3.9	8.9	13.6	18.7	24.8	26.7	30.8	35.4	40.1										40.3	6
3	P	M	-	7	P	M													D 2000
9.4	13	16.3	23.4	28.8	32.3	35.6												29.4	4
M	O	N	-	F	R	I													D 2000
14	18	21.7	25	27	30.1	33.5												20.2	4

1/13/2011

FILE NAME *	USER NAME * #USER*	DESIGNED - SEW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				SIGN DETAIL SHEETS I-55 BUS ON SHOULDER PROJECT				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.	SHEET NO.
#FILE#		DRAWN - SEW	REVISED -									55		COOK	197	194
		CHECKED - ST	REVISED -									*0102-631, ETC. 0507-635K1 RS-3 CONTRACT NO. 60164				
		DATE - 12/2010	REVISED -									ILLINOIS FED. AID PROJECT				
				SCALE: N.T.S.				SHEET NO. 5 OF 8 SHEETS								

SIGN DETAIL
1:75



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

SYMBOL	ROT	X	Y	WID	HT
pace	0	10.6	35	26.7	9

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

Letter locations are paneledge to lower left corner

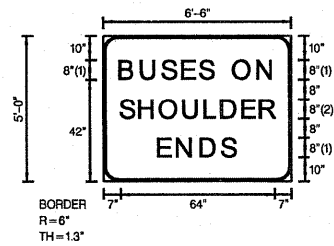
LETTER POSITIONS (X)																	LENGTH	SERIES/SIZE
S	H	O	U	L	D	E	R											D 2000
3.8	8.9	14.3	19.9	25.4	30	35.4	40.2											40.4 6
B	U	S	E	S														D 2000
12.2	17.3	22.4	27.5	31.8														23.7 6
E	N	D	S															D 2000
14.4	19.1	24.7	29.6															19.3 6
12	M	I	L	E														D 2000
7.4	23.8	29.9	32.3	37														33.2 9,6

1/13/2011

FILE NAME * #FILE#	USER NAME * #USER#	DESIGNED - SEW DRAWN - SEW	REVISSED - REVISSED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGN DETAIL SHEETS I-55 BUS ON SHOULDER PROJECT			F.A.I. RTE. 55	SECTION .	COUNTY COOK	TOTAL SHEETS 199	SHEET NO. 195
					SCALE: N.T.S.	SHEET NO. 6 OF 8 SHEETS	#10102-631, ETC. 0507-635K1 RS-3		CONTRACT NO. 60164			
							ILLINOIS FED. AID PROJECT					
PLOT SCALE * #SCALE#	PLOT DATE * #DATE#	CHECKED - ST DATE - 12/2010	REVISSED - REVISSED -									

SIGN DETAIL

1:75



BORDER
R=6"
TH=1.3"

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

Panel Style: REG2.ssi
M.U.T.C.D.: 2009 Edition

SIGN NUMBER	5
WIDTH x HGHT.	6'-6" x 5'-0"
BORDER WIDTH	1.3"
CORNER RADIUS	6"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: White
LEGEND/BORDER	TYPE: Reflective COLOR: Black / Black

SYMBOL	ROT	X	Y	WID	HT

Panel Style: REG2.ssi
Dimensions are in inches.tenths

Letter locations are paneledge to lower left corner

LETTER POSITIONS (X)

													LENGTH	SERIES/SIZE					
B	U	S	E	S	O	N													ClearviewHwy-5-W
7.1	16	24.7	33.1	40.3	54	64.3													63.8 8
S	H	O	U	L	D	E	R												ClearviewHwy-5-W-R
7	14.9	23.4	33.2	42.1	48.9	57.7	65												64 8
E	N	D	S																ClearviewHwy-5-W
23	30.8	40.6	49.2																32 8

GENERAL NOTES

SPECIFICATIONS:

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

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

LOADING: 90 M.P.H. WIND VELOCITY

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

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

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

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

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

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

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

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

(1) Bracket spacing $g \leq 6'-0"$, max. Spacing shall be uniform if possible but may vary $\pm 6"$ to miss existing obstruction (rail post, light poles, web stiffeners, splice plates, etc.). Adjust bracket lengths accordingly on skewed structures.

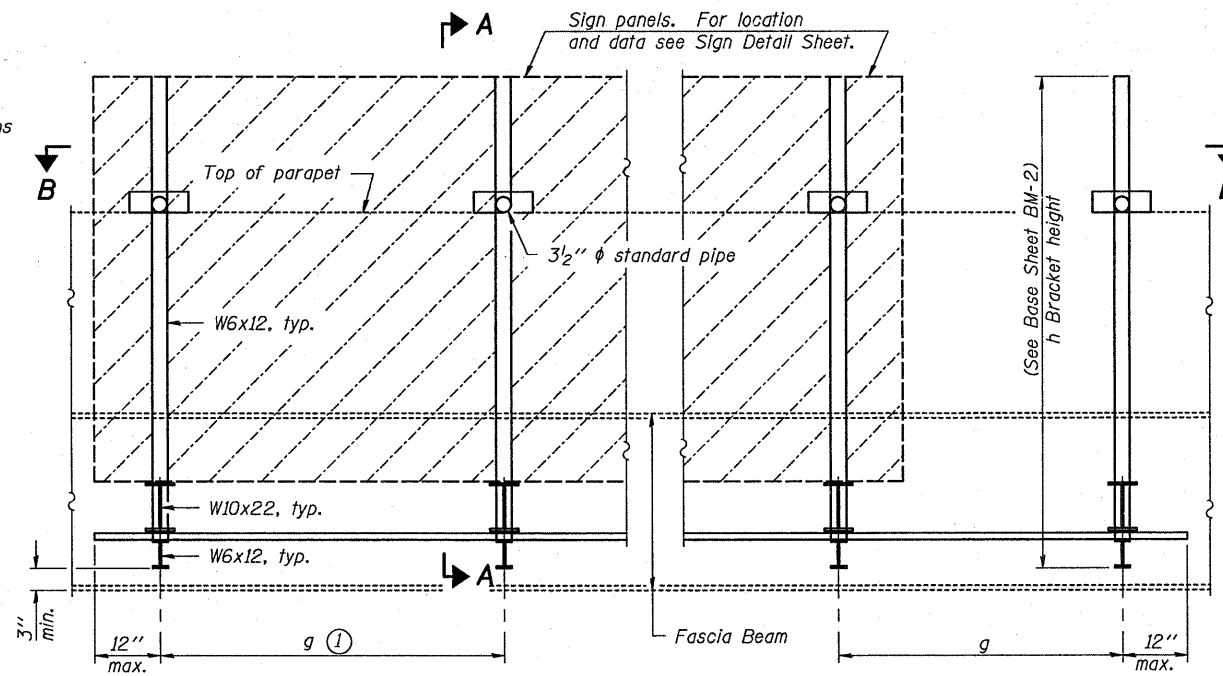
(2) Any design modifications shall be based on the current version of applicable specifications and submitted for the Engineer's approval.

(3) Unit price includes grating, handrail, brackets, supports, anchor bolts, fasteners, fabrication, delivery, erection, field drilling and other necessary items. Limits of payment are based on grating length (cw, dw) unless otherwise specified. For Safety Chain Details and Details D, F and G, see Base Sheet BM-4.

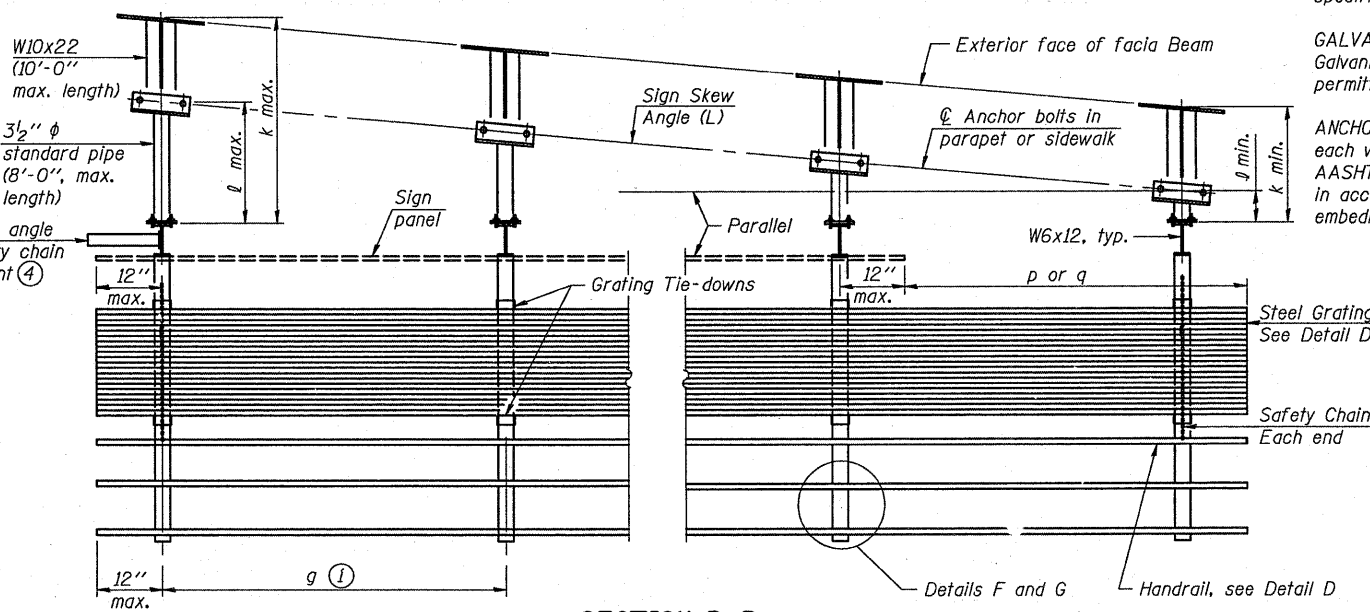
(4) If walkway bracket at safety chain location is behind sign, add angle to bracket. See detail on Base Sheet BM-4.

TOTAL BILL OF MATERIAL

(3) OVERHEAD SIGN STRUCTURE-BRIDGE MOUNTED	Foot	19.5
--	------	------



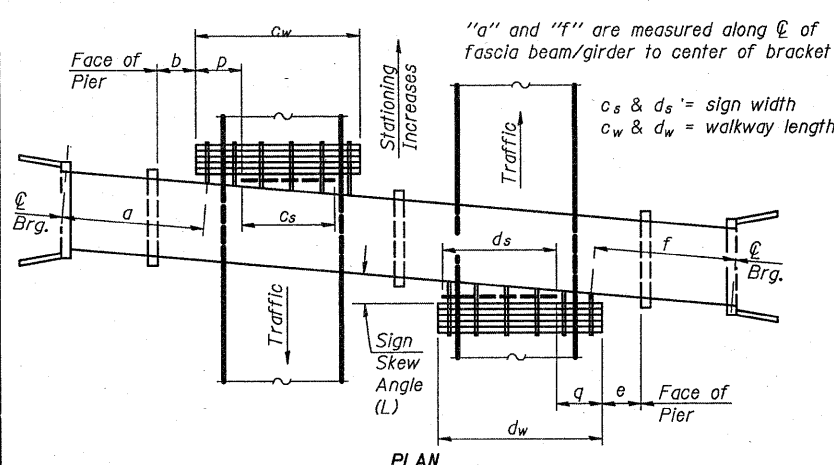
TYPICAL FRONT ELEVATION
(With lights, safety chain and handrail omitted for clarity.)



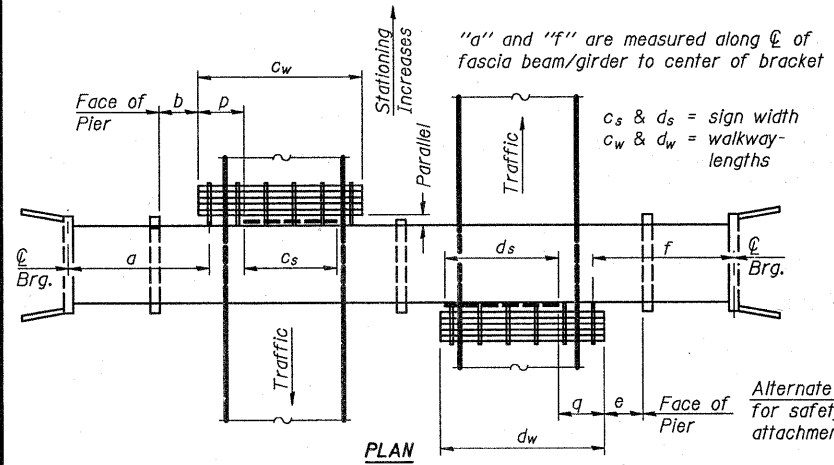
SECTION B-B
(Shown: Left Sign Skew > 15°)

Structure Number	Sign Skew Angle (L) or (R)	Bridge Station	Bridge Structure Number	Contract Route Designation	a	b	c _s	c _w	d _s	d _w	e	f	g	No. of Brackets (Total)	p	q	Total Grating/Hndrl. Lengths (c _w + d _w)
1B0161055R277.9	0°	863+00	016-0537	FAI 55	-	-	-	-	13'-0"	13'-0"	48'-11"	85'-4"	6'-0"	3	-	-	13'-0"
1B0161055L277.9	0°	863+80	016-0537	FAI 55	92'-4"	52'-2"	6'-6"	6'-6"	-	-	-	-	5'-0"	2	-	-	6'-6"

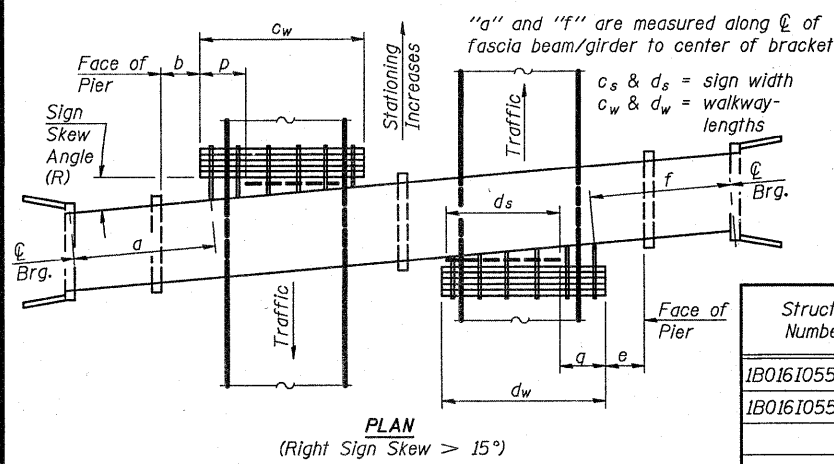
Dimensions a, b, e, f & g may vary as approved by the Engineer, see (1).
When c_w < c_s and/or d_w < d_s, use alternate brackets without walkway supports where applicable, see (3).



WALKWAY AND HANDRAIL SKETCH
(Left Sign Skew > 15°)



WALKWAY AND HANDRAIL SKETCH
(For Sign Skew ≤ 15°, all brackets constant)



WALKWAY AND HANDRAIL SKETCH
(Right Sign Skew > 15°)

1/13/2011

BM-1

7-1-10

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Consulting Engineers
Chatham, Illinois

USER NAME =
FILE NAME =
PLOT SCALE =
PLOT DATE =

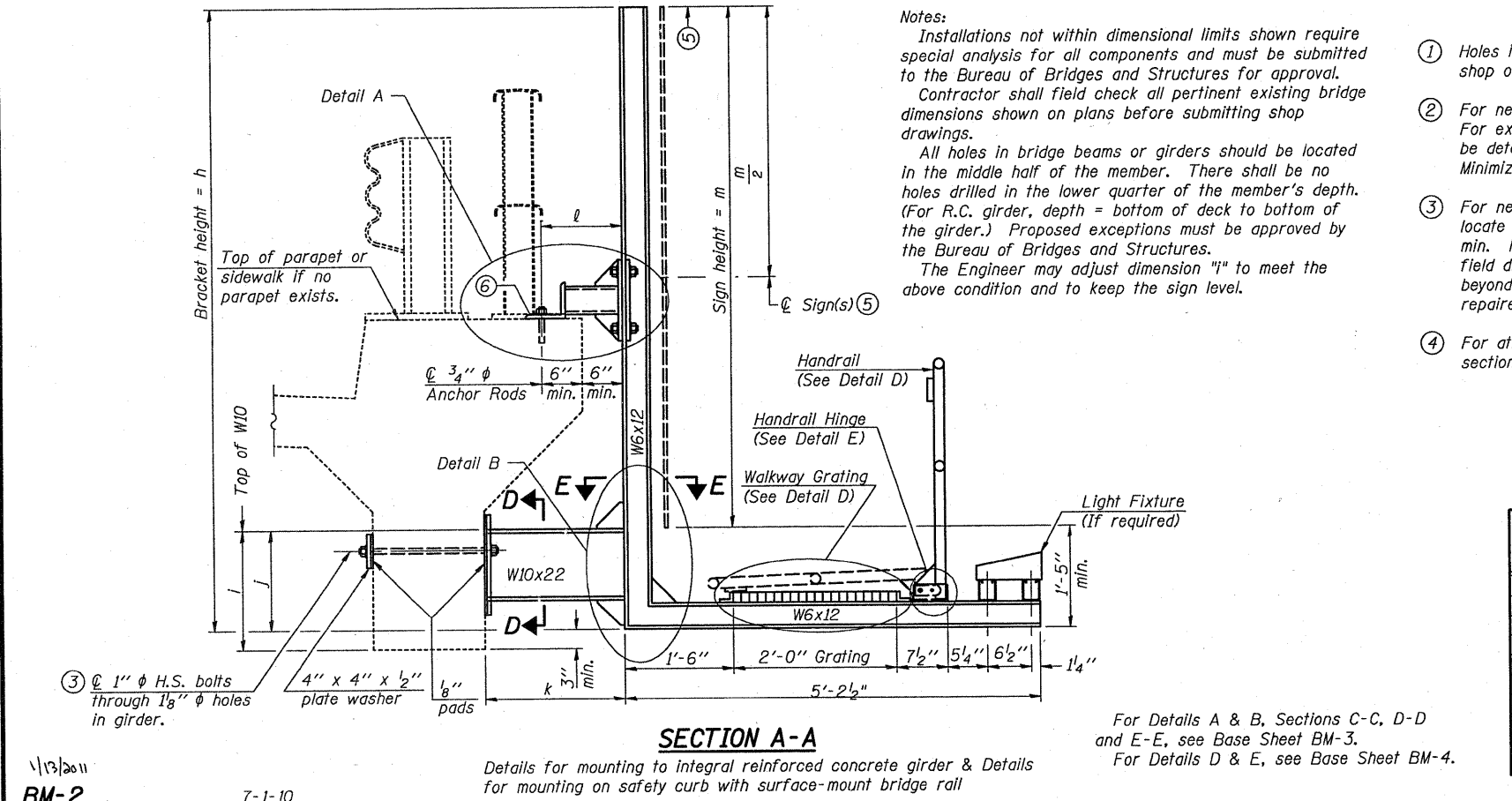
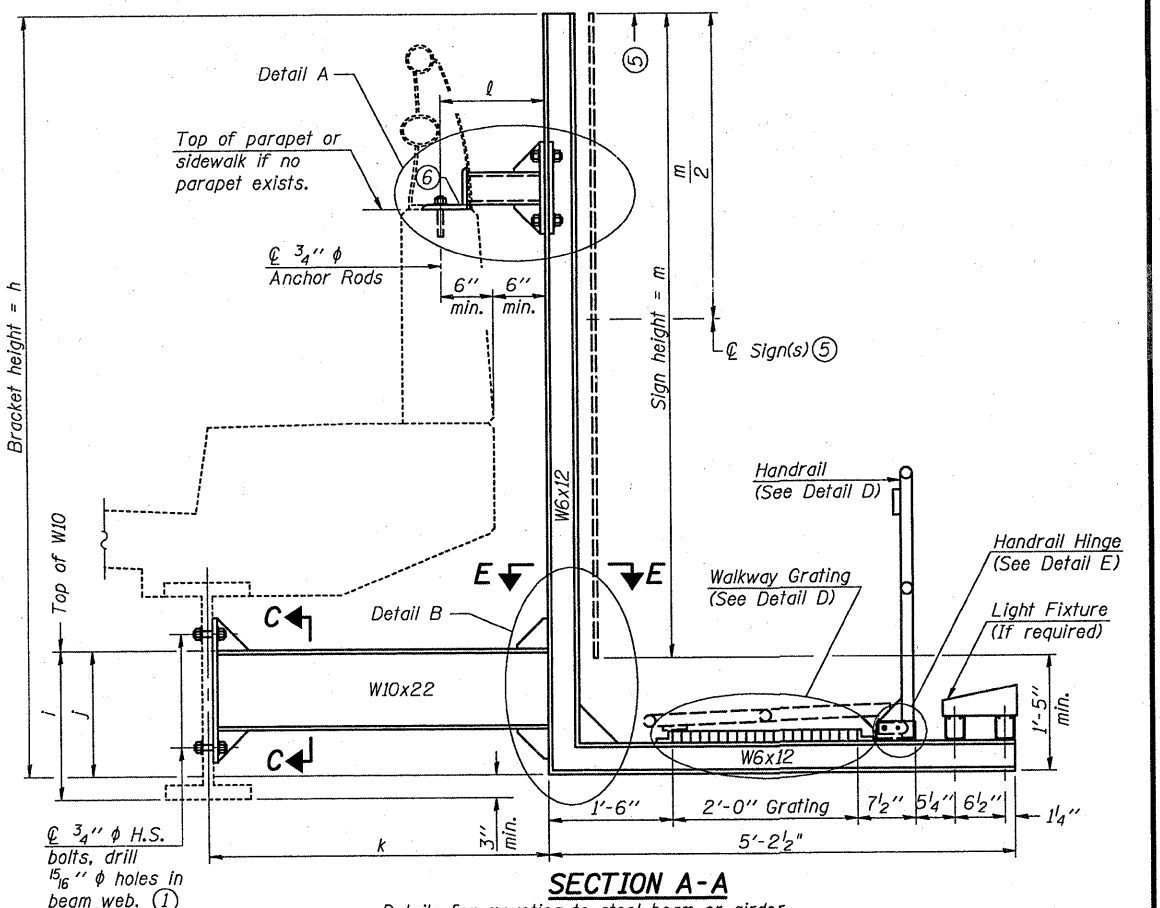
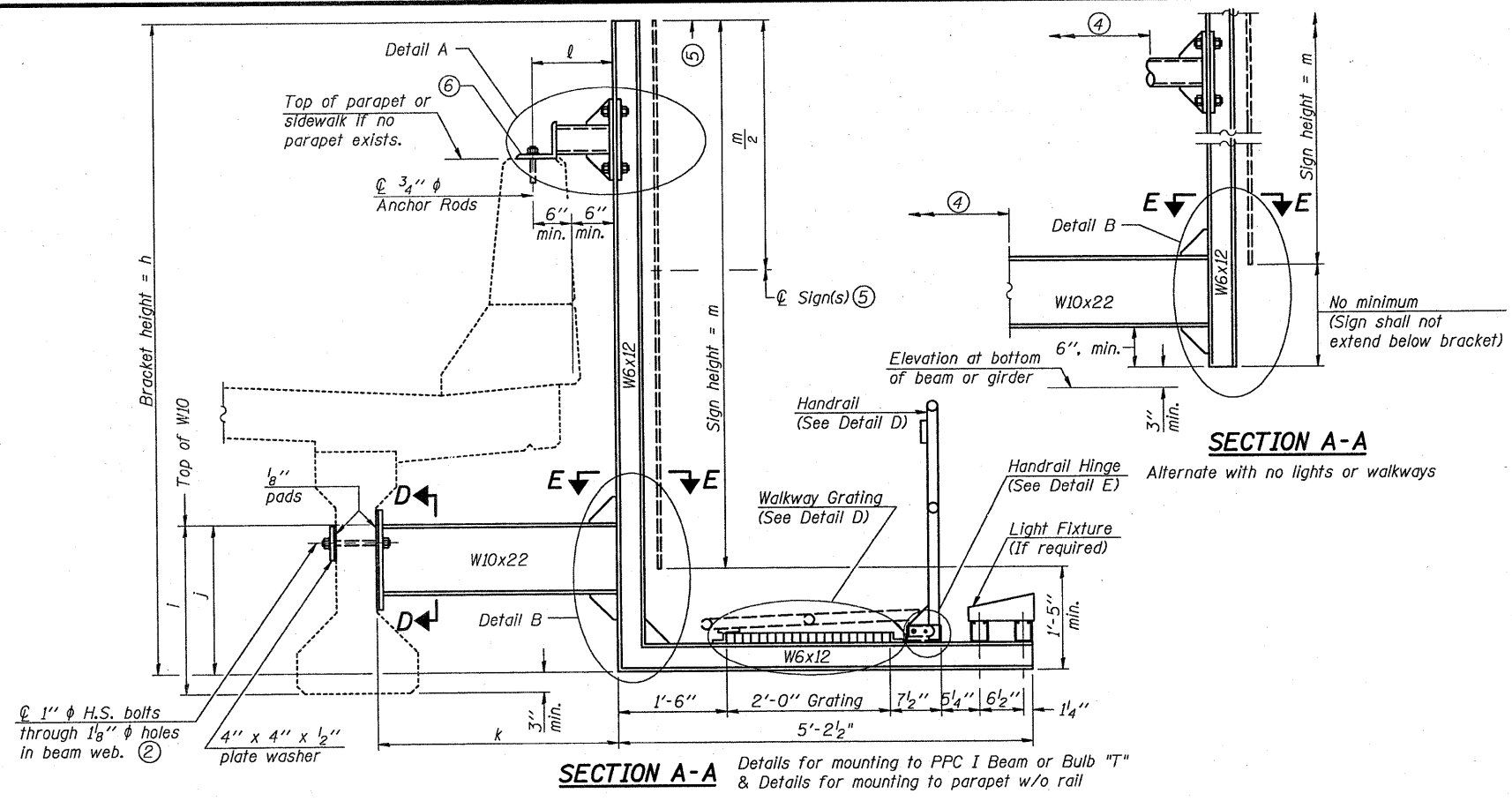
DESIGNED - ADB
CHECKED - ADB
DRAWN - ADB
CHECKED - MTH

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE MOUNT SIGN STRUCTURES
GENERAL PLAN AND ELEVATION
SHEET NO. 1 OF 4 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	10101-631,ETC,0507-635K1R5-3	COOK	199	198
			CONTRACT NO. 60164	
ILLINOIS FED. AID PROJECT				



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

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

Structure Number	Station	h	i	j	k max. (10'-0" max.)	l max. (8'-0" max.)	m (15'-0" max.)
1B0161055R277.9	863+00	9'-11"	1'-10"	1'-7"	2'-6"	1'-1"	8'-6"
1B0161055L277.9	863+80	6'-4"	1'-10"	1'-7"	2'-6"	1'-1"	5'-0"

1/13/2011
 BM-2

7-1-10
 USER NAME =
 FILE NAME =
 PLOT SCALE =
 PLOT DATE =

DESIGNED - ADB
 CHECKED - ADB
 DRAWN - ADB
 CHECKED - MTH

REVISED -
 REVISED -
 REVISED -
 REVISED -

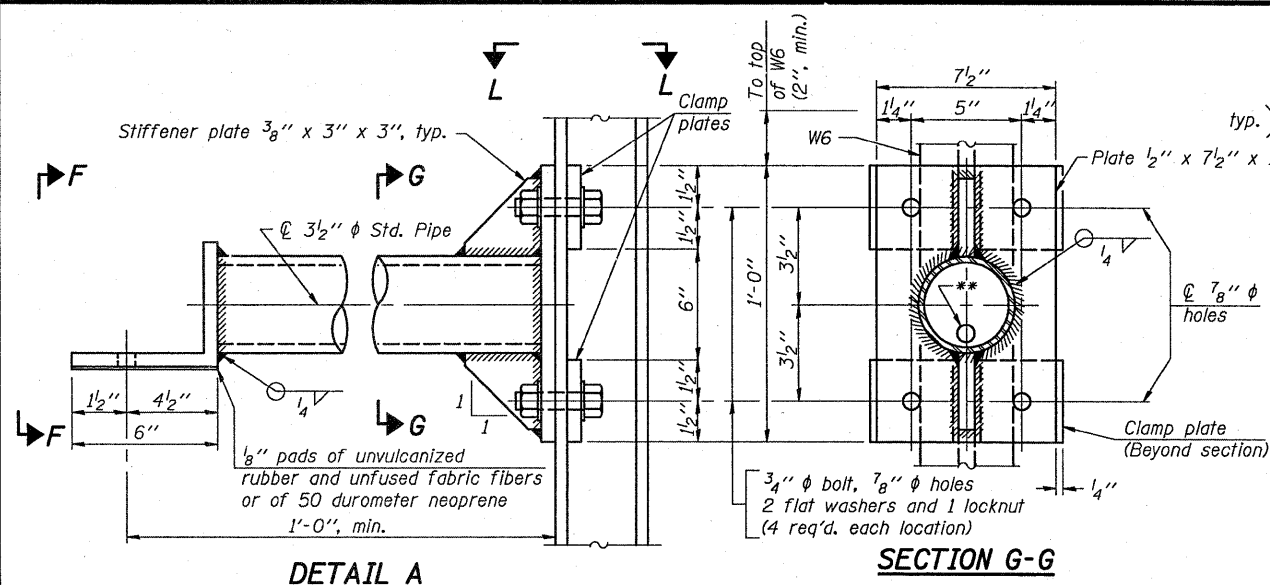
For Details A & B, Sections C-C, D-D and E-E, see Base Sheet BM-3.
 For Details D & E, see Base Sheet BM-4.

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

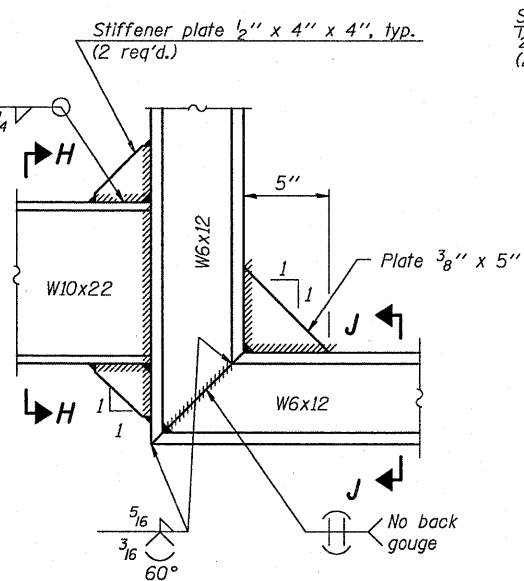
BRIDGE MOUNT SIGN STRUCTURES
 WALKWAY AND CONNECTION DETAILS

SHEET NO. 2 OF 4 SHEETS

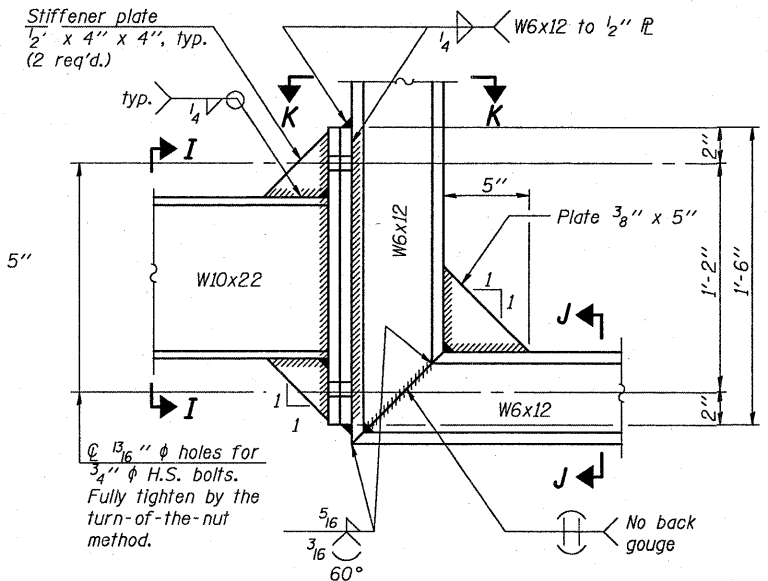
F.A.I. SECTION COUNTY TOTAL SHEET SHEET
 RTE. 55 10101-631,ETC,0507-635KRS-3 COOK 103 174
 CONTRACT NO. 60164
 ILLINOIS FED. AID PROJECT



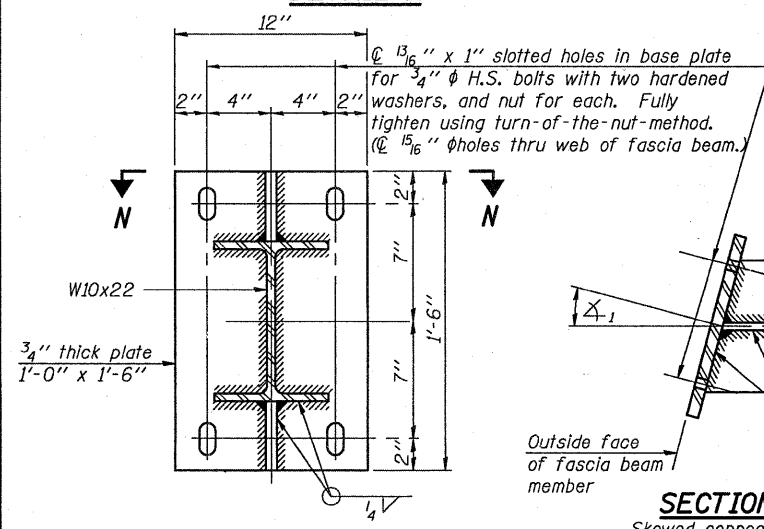
DETAIL A



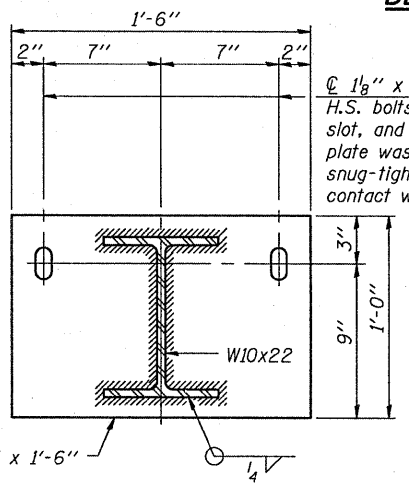
SECTION G-G



DETAIL B - ALTERNATE BOLTED TO W6x12 CONNECTION



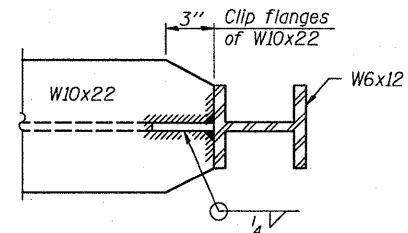
SECTION N-N Skewed connection detail for W10x22 to fascia beam.



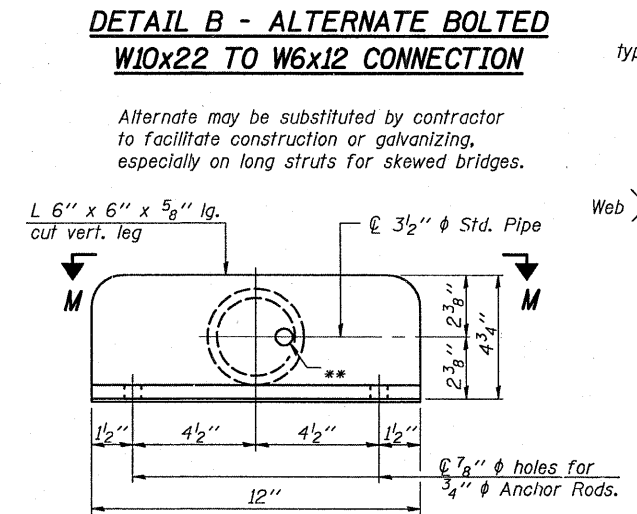
SECTION D-D

DETAIL B - WELDED W10x22 TO W6x12 CONNECTION

ϕ 1 1/8" x 2" slotted holes in plate for 1" ϕ H.S. bolts with hardened plate washer over slot, and standard flat washer and 4" x 4" x 1/2" plate washer on far end. Use locknuts and only snug-tighten bolts, insuring pad is in uniform contact with concrete before tightening begins.

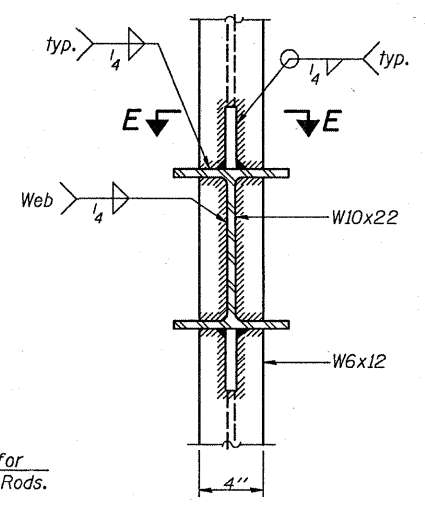


SECTION E-E



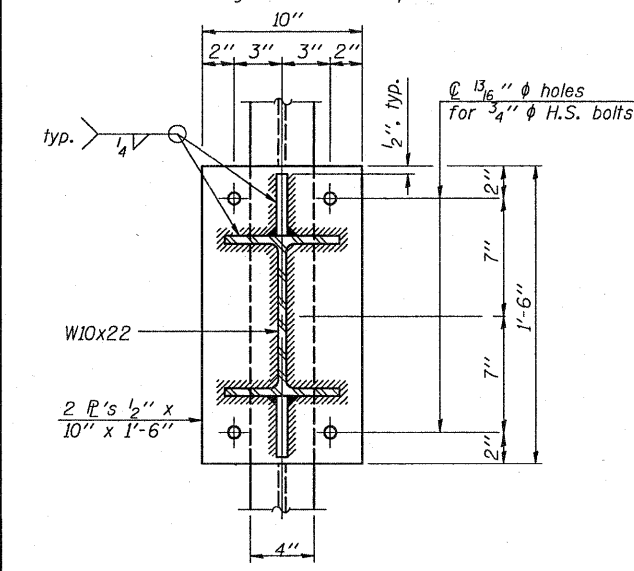
VIEW F-F

** 1/8" ϕ holes for galvanizing. After galvanizing, install 7/8" ϕ A307 hot-dip galvanized bolt to close hole in angle. (No bolt required in 1/2" plate.)

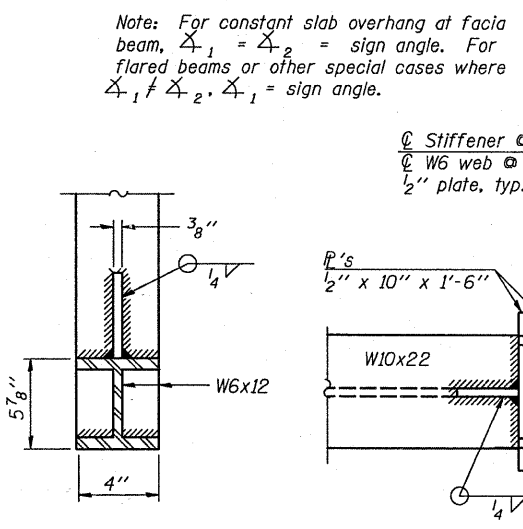


SECTION H-H

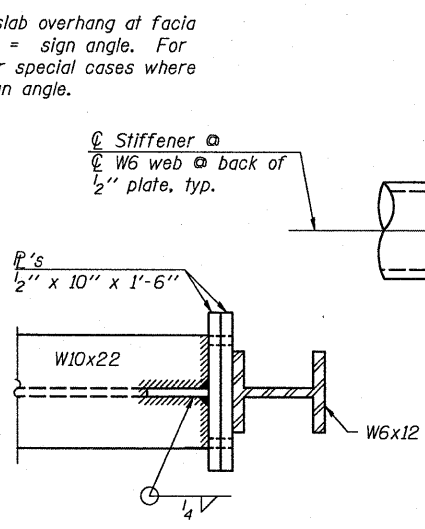
SECTION C-C Steel beam or girder connection plate details



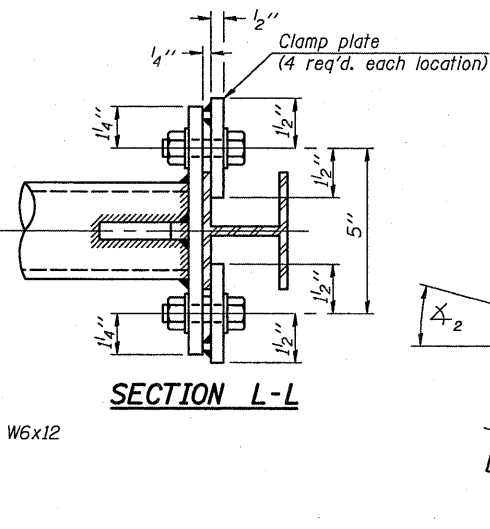
SECTION I-I



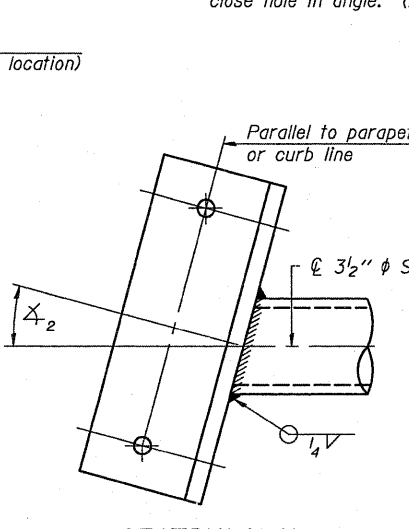
SECTION J-J



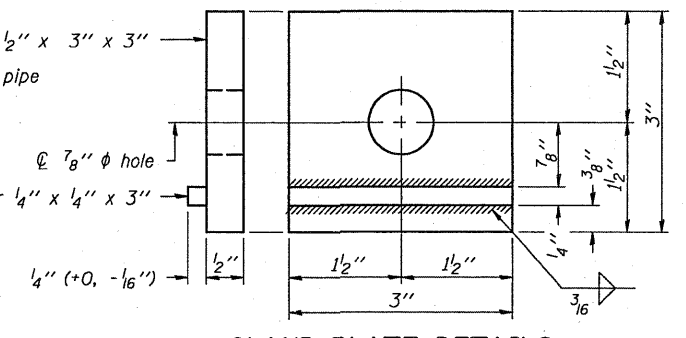
SECTION K-K



SECTION L-L



SECTION M-M Skewed connection detail for 3 1/2" ϕ pipe to parapet.



CLAMP PLATE DETAILS

1/13/2011
BM-3

7-1-10

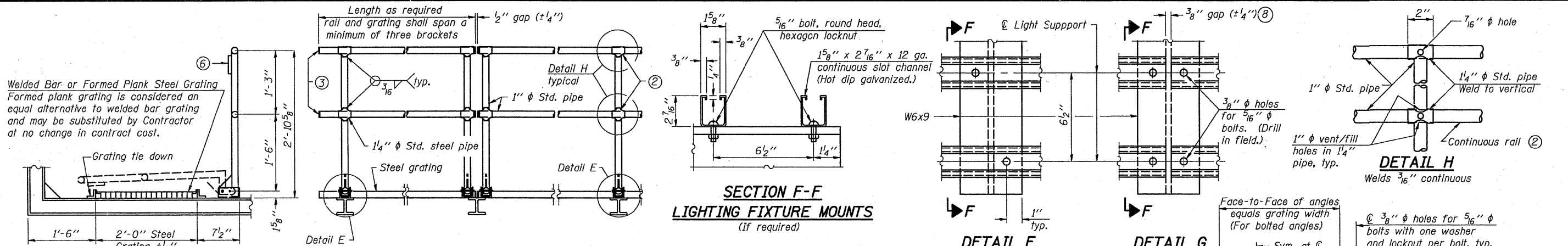
LE LIN ENGINEERING, LTD.
Consulting Engineers
Chatham, Illinois

USER NAME =	DESIGNED - ADB	REVISED -
FILE NAME =	CHECKED - ADB	REVISED -
PLOT SCALE =	DRAWN - ADB	REVISED -
PLOT DATE =	CHECKED - MTH	REVISED -

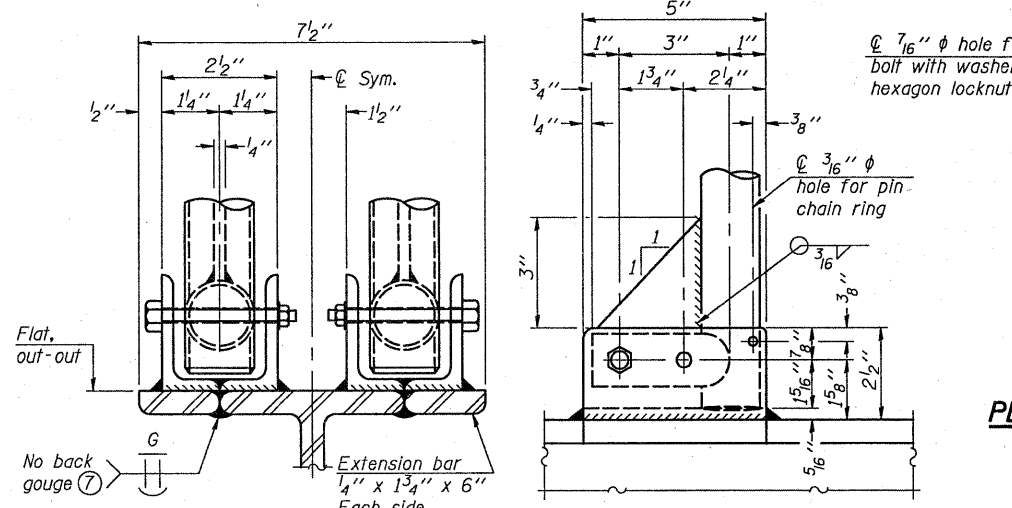
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE MOUNT SIGN STRUCTURES
CONNECTION DETAILS
SHEET NO. 3 OF 4 SHEETS

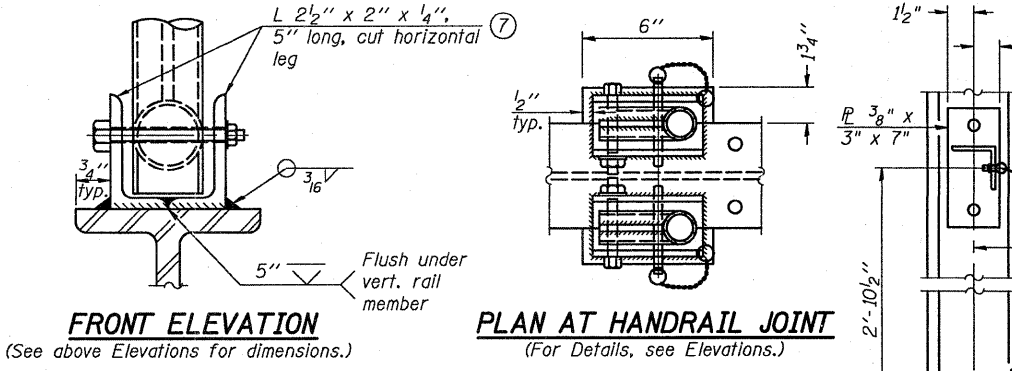
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(0101-63), ETC, 0507-635KRS-3	COOK	199	180
			CONTRACT NO. 60164	
ILLINOIS FED. AID PROJECT				



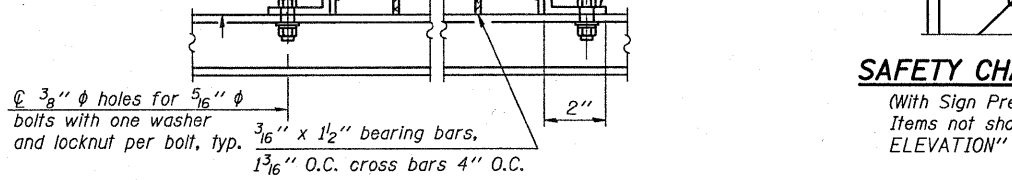
SECTION F-F LIGHTING FIXTURE MOUNTS
(If required)



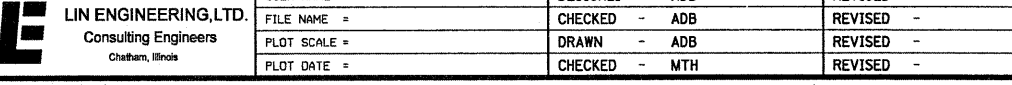
SIDE ELEVATION DETAIL D HANDRAIL FRONT ELEVATION



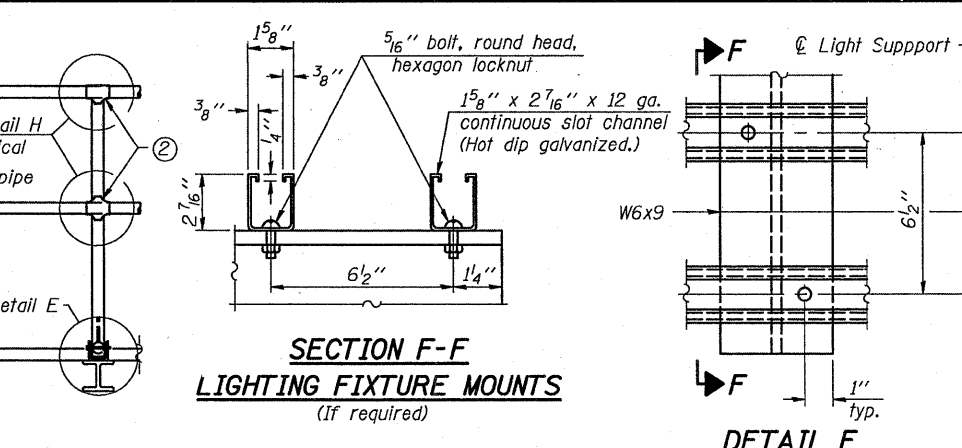
ELEVATION AT HANDRAIL JOINT
(Details not shown same as "FRONT ELEVATION")



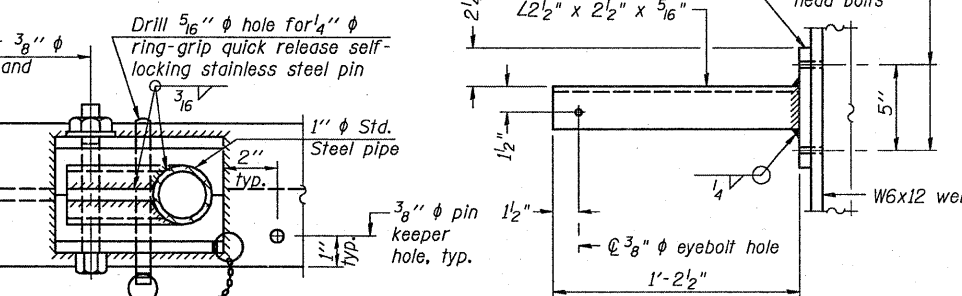
FRONT ELEVATION
(See above Elevations for dimensions.)



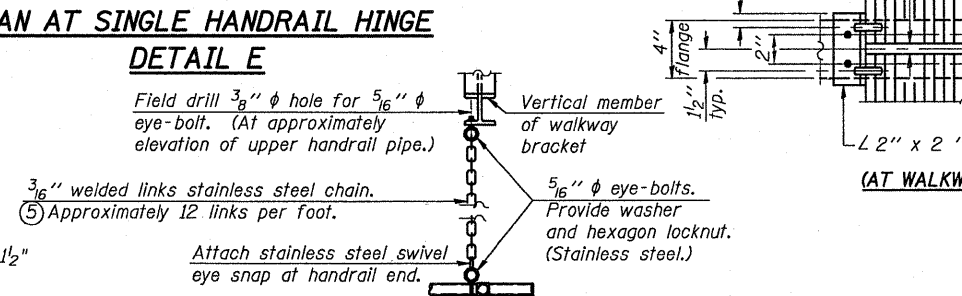
WELDED BAR GRATING DETAILS



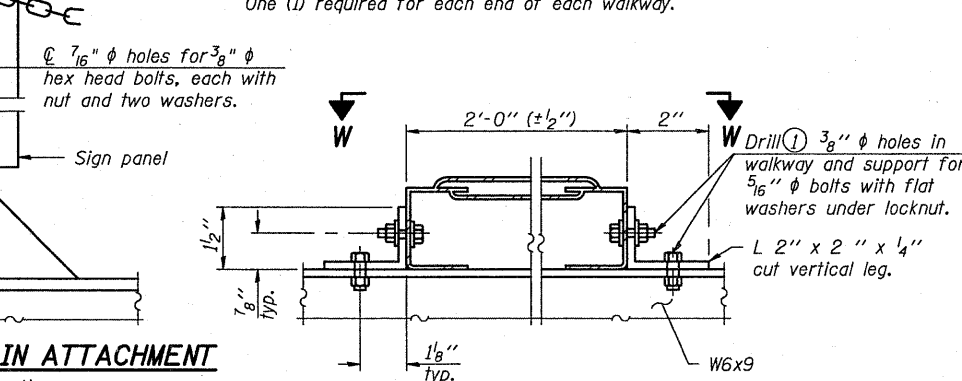
SECTION F-F LIGHTING FIXTURE MOUNTS
(If required)



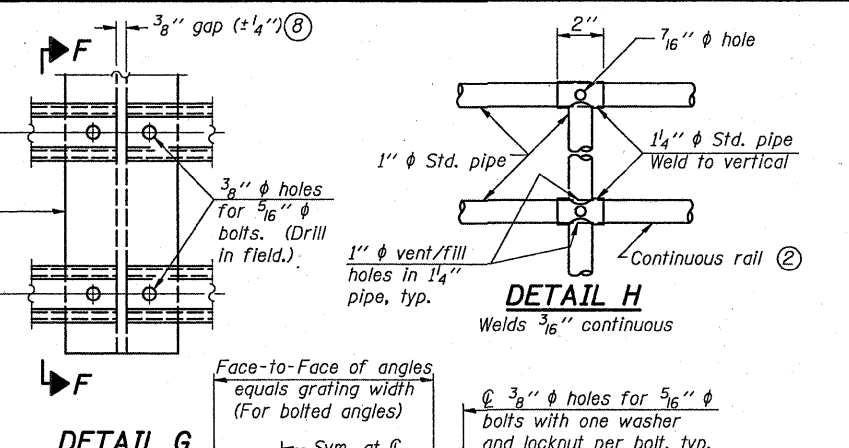
PLAN AT SINGLE HANDRAIL HINGE
DETAIL E



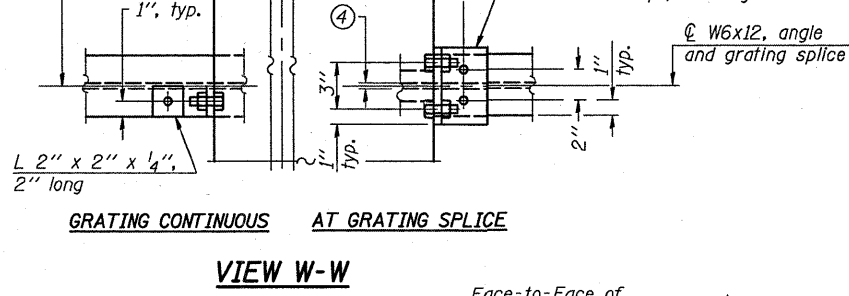
SAFETY CHAIN ATTACHMENT
(With Sign Present)
Items not shown same as "SIDE ELEVATION" and "SAFETY CHAIN"



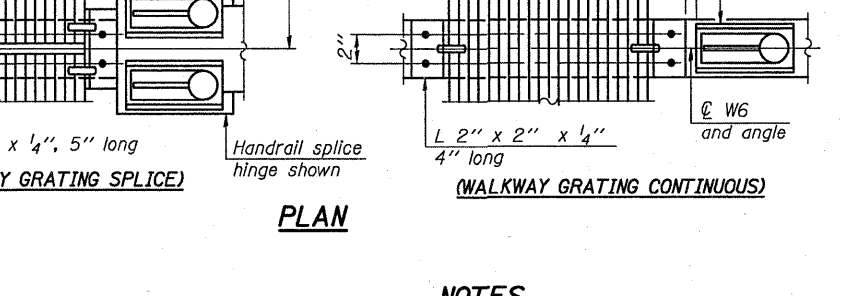
ALTERNATE FORMED PLANK GRATING DETAILS
Plank Grating: nominal depth = 2 1/2" (± 1/2"); perforated or expanded steel sheet with a non-skid surface (non-serrated) concentrated load capacity = 500 lbs. with 6'-0" clear span.



DETAIL F
DETAIL G
VIEW W-W



GRATING CONTINUOUS AT GRATING SPLICE
SECTION P-P



PLAN AT WALKWAY GRATING SPLICE
PLAN AT WALKWAY GRATING SPLICE

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

BM-4
7-1-10
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Consulting Engineers
Channah, Illinois

USER NAME =	DESIGNED - ADB	REVISED -
FILE NAME =	CHECKED - ADB	REVISED -
PLOT SCALE =	DRAWN - ADB	REVISED -
PLOT DATE =	CHECKED - MTH	REVISED -

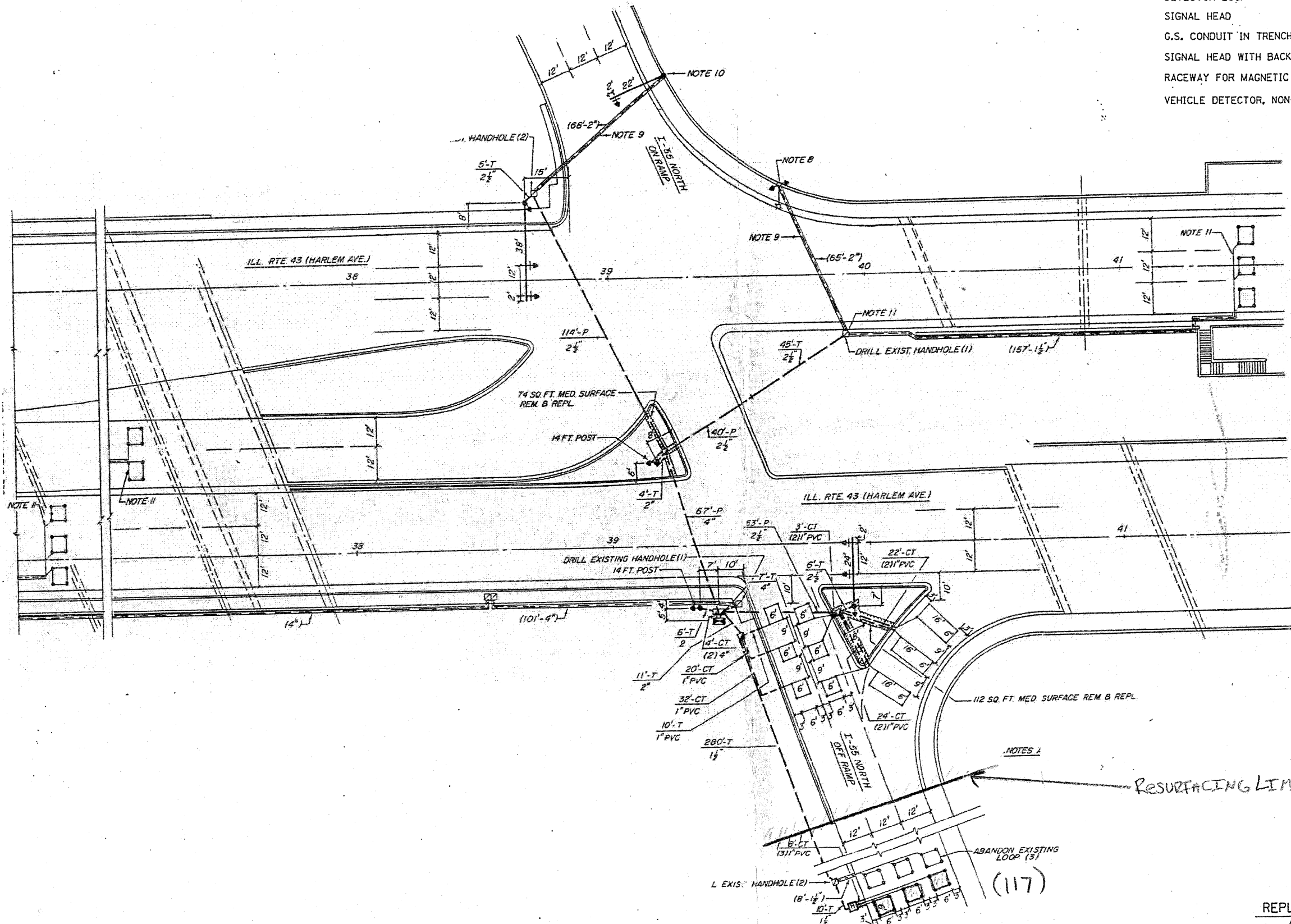
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	10101-631, ETC, 0507-635KRS-3	COOK	10	9
				CONTRACT NO. 60164
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
DETECTOR LOOP		
SIGNAL HEAD		
G.S. CONDUIT IN TRENCH OR PUSHED		
SIGNAL HEAD WITH BACKPLATE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR II		
VEHICLE DETECTOR, NON-COMPENSATED MAGNETIC TYPE		



THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENTS ONLY

REPLACE ALL DETECTOR LOOPS AS SHOWN (WITHIN THE RESURFACING LIMITS)

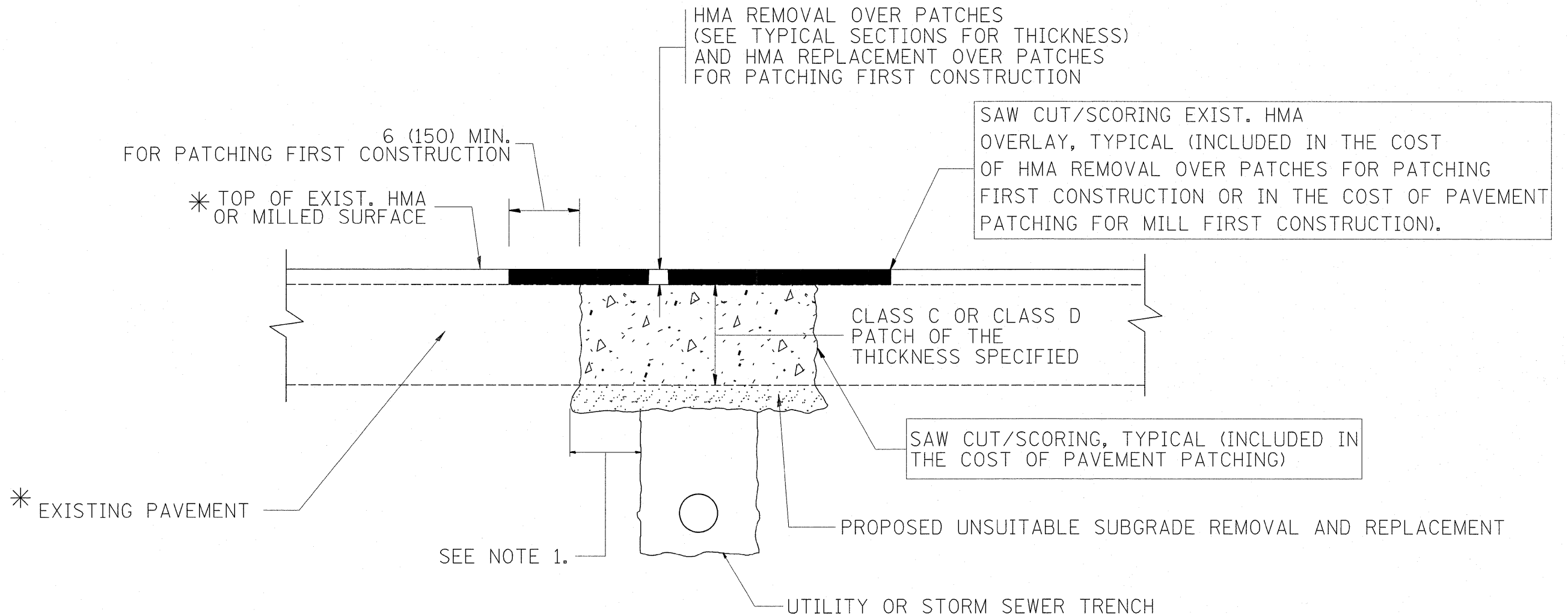
CODE	QUANTITY	UNIT	ITEM
88600600	117	FOOT	DETECTOR LOOP, REPLACEMENT

FILE NAME #	USER NAME * kenthaphixaybo	DESIGNED - BCK	REVISED -
ci:\pv_work\VPWIDOT\KANTHAPHIXAYBO\081126	1\tr\ofic_logand_v7.dgn	DRAWN - BCK	REVISED -
	PLOT SCALE = 3/4" = 1' IN.	CHECKED - DAD	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE - DETECTOR LOOP REPLACEMENT
INTERSTATE 55 - HARLEM AVE NORTH OFF RAMP

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(1012-1021), ETC. (1501-1510)	COOK	197	182
			CONTRACT NO. 1051	



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

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

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

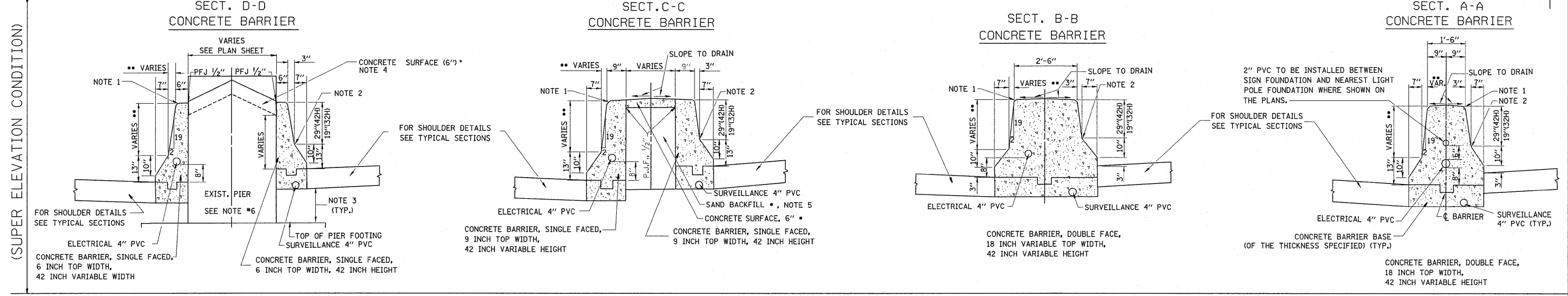
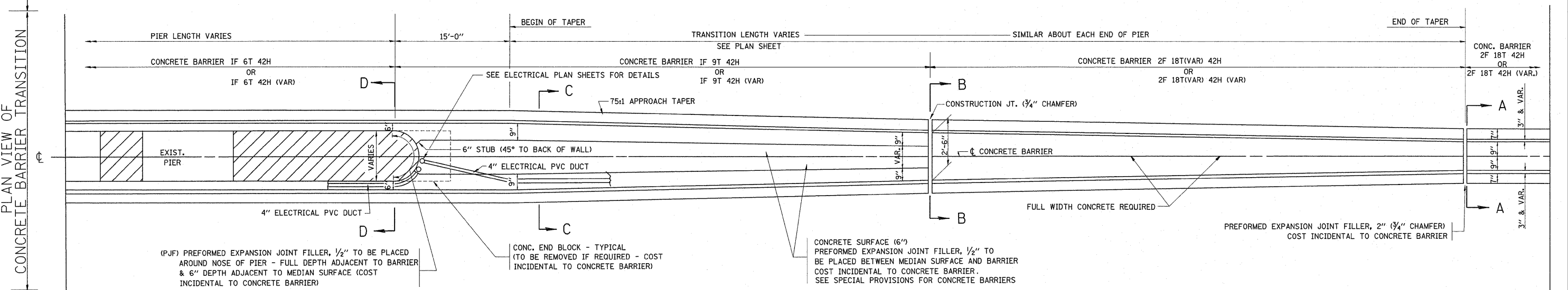
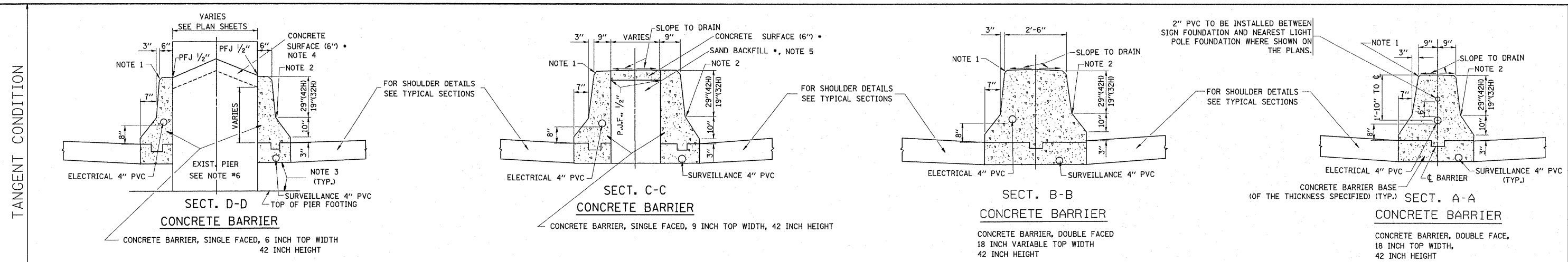
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

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

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

FILE NAME =	USER NAME = qureshige	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw_work\pwsdot\qureshige\0187440\Dis	Std.dgn	DRAWN -	REVISED - R. BORO 01-01-07			55	*	COOK	197	183	
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - R. BORO 09-04-07			BD400-04 (BD-22)		CONTRACT NO. 60164			
	PLOT DATE = 1/3/2011	DATE - 10-25-94	REVISED - K. ENG 10-27-08			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.		



GENERAL NOTES - FOR UNDERDRAIN DETAILS SEE TYPICAL SECTIONS

- PREFORMED JOINT FILLER SHALL BE INCIDENTAL TO THE CONCRETE BARRIER OF THE TYPE INVOLVED.
- FOR KEYWAY (F) DIMENSIONS, SEE TYPICAL SECTIONS
- CONCRETE BARRIER BASE PAY ITEM IS TO BE INCLUDED IF THE BARRIER IS CONSTRUCTED MONOLITHIC OR JOINTED TO BASE. IF JOINTED CONTRACTORS WILL HAVE THE OPTION OF USING A KEYWAY OR TIE BARS AT O.C.

NOTE 1 - 3/4" CHAMFER OR 1" RADIUS (OPTIONAL)

NOTE 2 - 10" RADIUS (OPTIONAL)

NOTE 3 - EXTEND BOTTOM OF BARRIER TO FOOTING ONLY WHEN DEPTH IS 6" OR LESS, OTHERWISE MAINTAIN SAME DEPTH AS BOTTOM OF SHOULDER

NOTE 4 - PIER FILLER MATERIAL TO BE CONCRETE IF MINIMUM 6" THICKNESS WILL BE MAINTAINED. IF 6" THICKNESS CANNOT BE MAINTAINED USE ASPHALT FILLER MATERIAL AS DIRECTED BY THE ENGINEER.

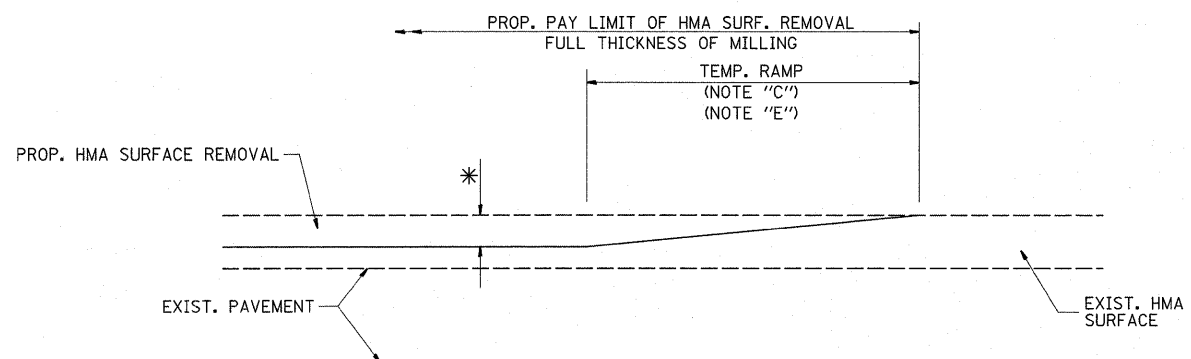
NOTE 5 - SAND BACKFILL AND CONCRETE SURFACE WILL BE REQUIRED. FILLING WITH CONCRETE WILL NOT BE ALLOWED.

NOTE 6 - IF PIER IS NEW CONSTRUCTION BARRIER WALL MAY BE MONOLITHIC

**** MAINTAIN SLOPE OF FACE AS SHOWN ON DETAIL. HEIGHT AND WIDTH OF BARRIER INCREASE WHERE A DIFFERENCE IN MEDIAN EDGE-OF-PAVEMENT GRADE ELEVATION EXISTS.**

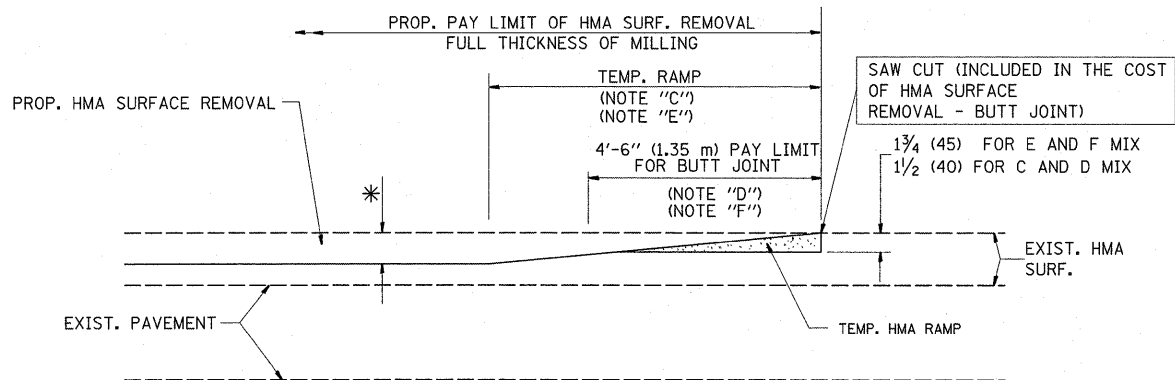
*** COST OF SAND BACKFILL, CONCRETE SURFACE (6"), AND PIER FILLER MATERIAL WILL NOT BE INCIDENTAL.**

FILE NAME =	USER NAME = qureshiga	DESIGNED - FORD	REVISED - FORD 12-06-88	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONCRETE BARRIER TRANSITION & GENERAL DETAILS, CONCRETE BARRIER BASE			F.A.I. RTE. 55	SECTION *	COUNTY COOK	TOTAL SHEETS 197	SHEET NO. 184
cr:\pw_work\pww\d\qureshiga\0187440\Dis\Std.dgn	PLOT SCALE = 50.0000' / IN.	DRAWN -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	BD-27		CONTRACT NO. 60164		
	PLOT DATE = 1/3/2011	CHECKED -	REVISED -					FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				
		DATE - 09-09-88	REVISED -					* (0102-621, ETC. 0507-635K) RS-3				



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

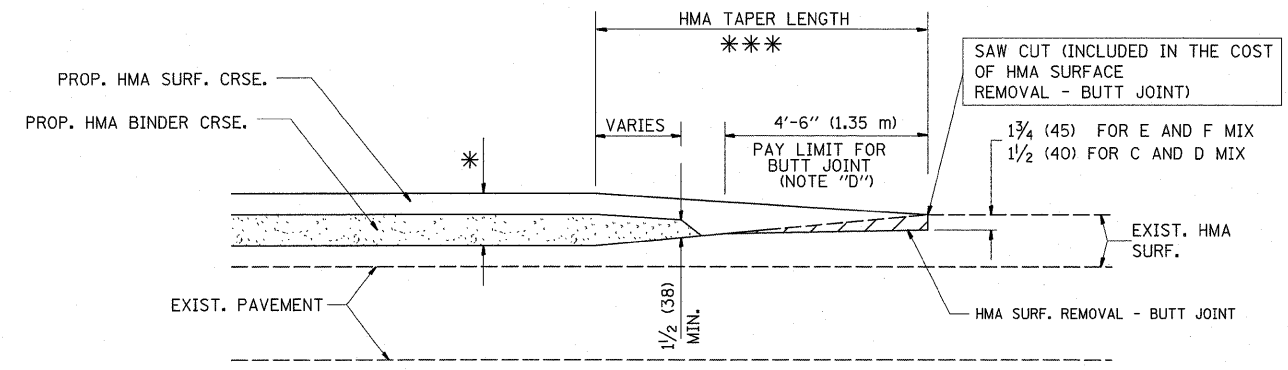
OPTION 1



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

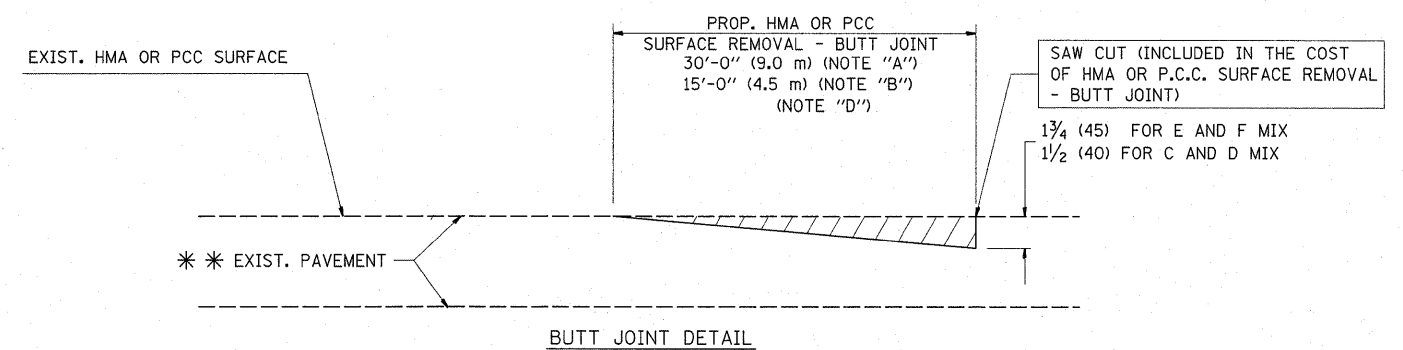
OPTION 2

TYPICAL TEMPORARY RAMP

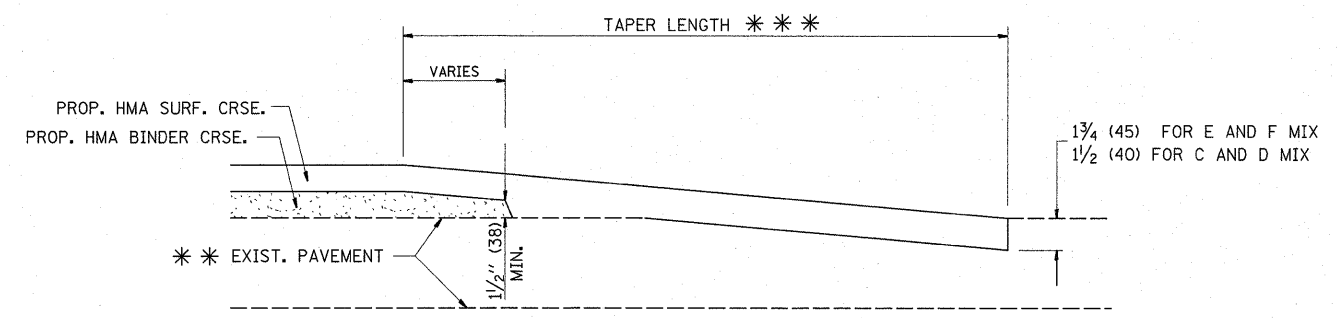


BUTT JOINT AND
HMA TAPER

**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

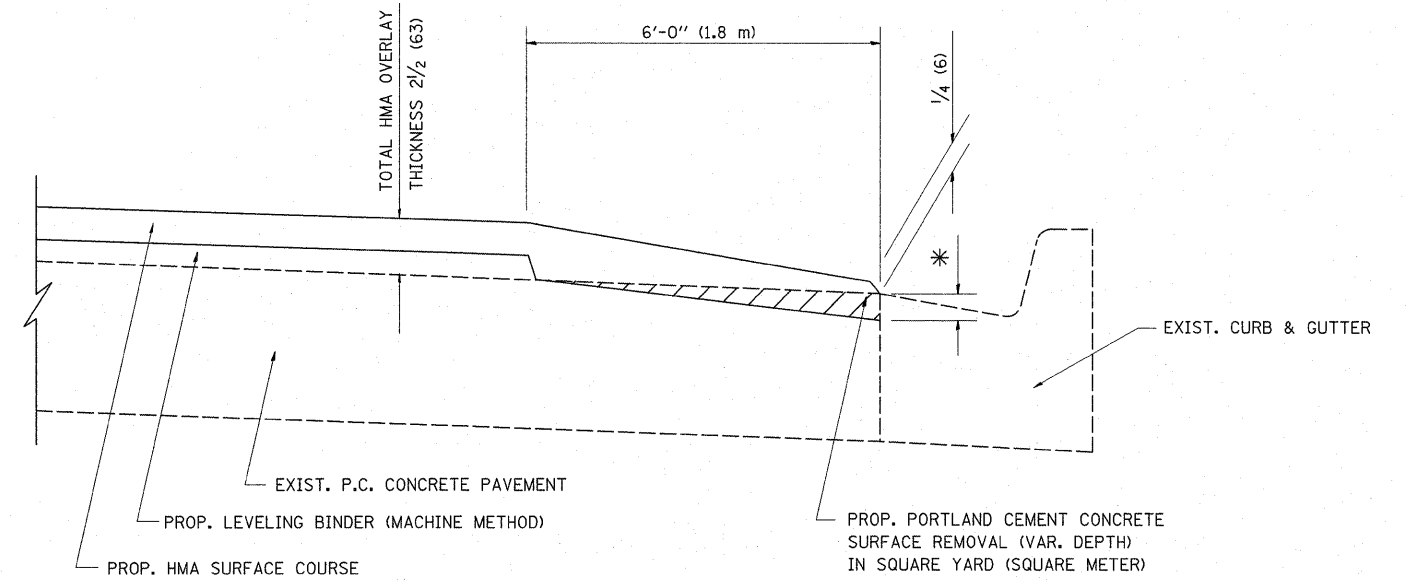
- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: MINOR SIDE ROADS.
 - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
 - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
 - E: TAPER THE TEMP. RAMP AT A RATE OF 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".

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

FILE NAME =	USER NAME = qureshiya	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINT AND HMA TAPER DETAILS		F.A.I. RTE. 55	SECTION *	COUNTY COOK	TOTAL SHEETS 197	SHEET NO. 185
ci:\pw\work\p1s\d01\qureshiya\d0187440\Dis	Std.dgn	DRAWN -	REVISED - A. ABBAS 03-21-97		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	BD400-05 BD32		CONTRACT NO. 60164	
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						
	PLOT DATE = 1/3/2011	DATE - 06-13-90	REVISED - R. BORO 01-01-07		*(0102-621, ETC, 0507-635K) RS-3						



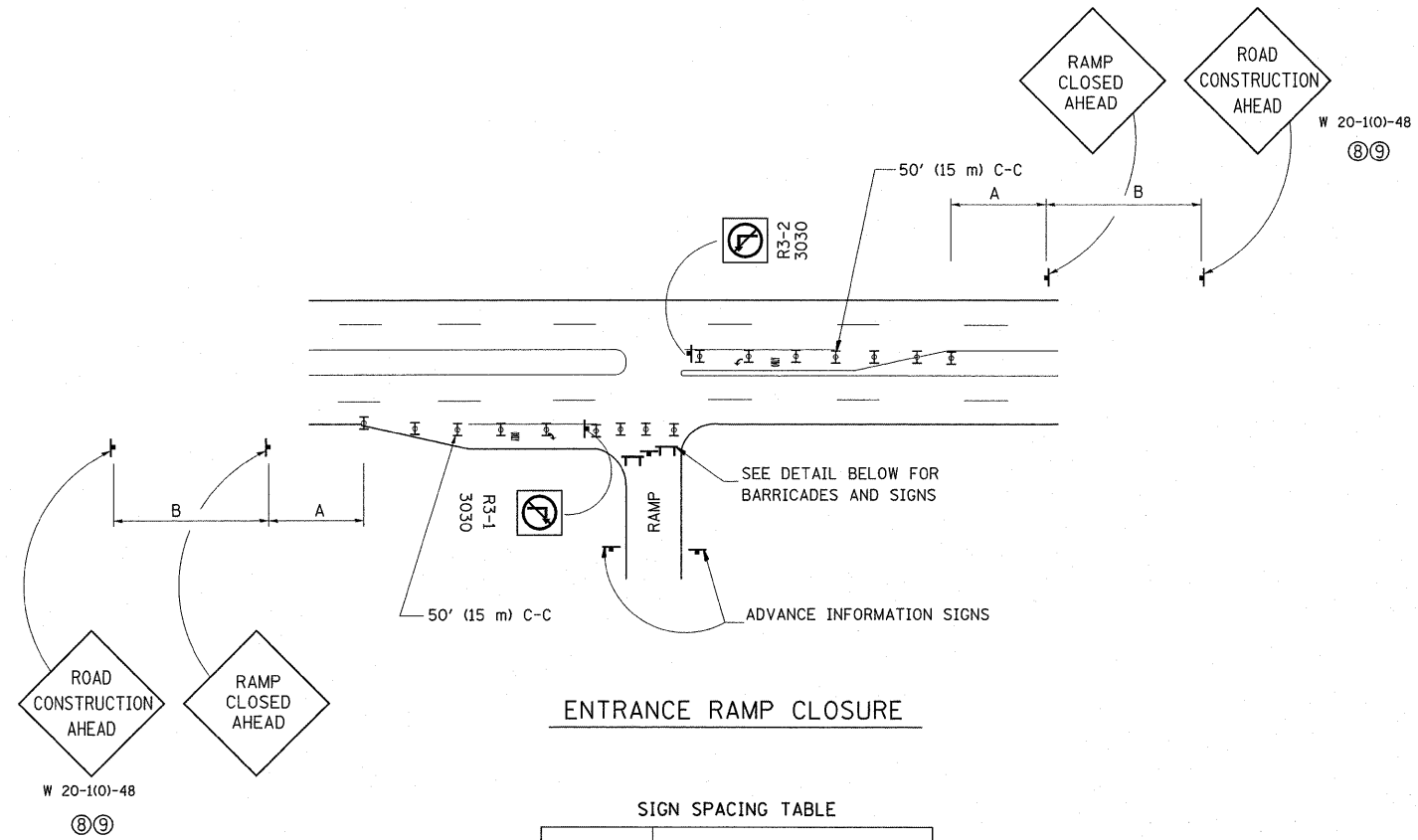
HMA TAPER AT
EDGE OF P.C.C. PAVEMENT

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

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

FILE NAME =	USER NAME = qureshya	DESIGNED - R. SHAH	REVISED - R. SHAH 10-25-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HMA TAPER AT EDGE OF P.C.C. PAVEMENT			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pw_work\p\dot\qureshya\d\187440\Dis	Std.dgn	DRAWN - JIS	REVISED - A. ABBAS 05-05-99		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	55	*	COOK	197	186
	PLOT SCALE = 50.0000' / IN.	CHECKED - A. ABBAS	REVISED - E. GOMEZ 12-21-00						BD400-06 (BD33)		CONTRACT NO.	60164	
	PLOT DATE = 1/3/2011	DATE - 09-10-94	REVISED - R. BORO 01-01-07						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

(0102-621, ETC, 0507-635K) RS-3

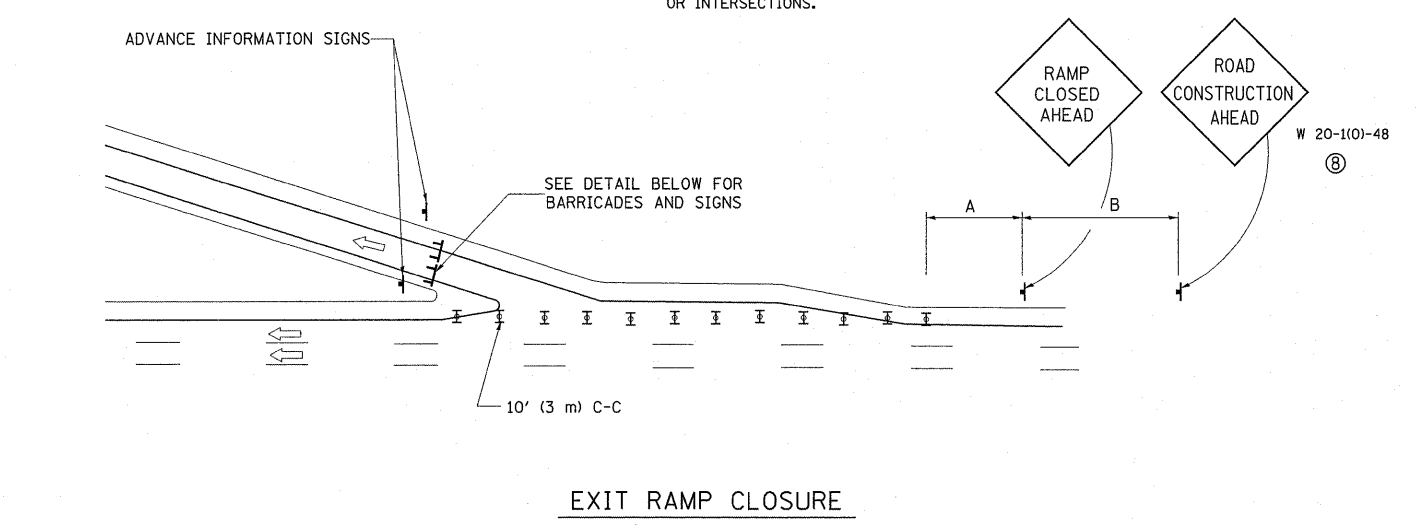


ENTRANCE RAMP CLOSURE

SIGN SPACING TABLE

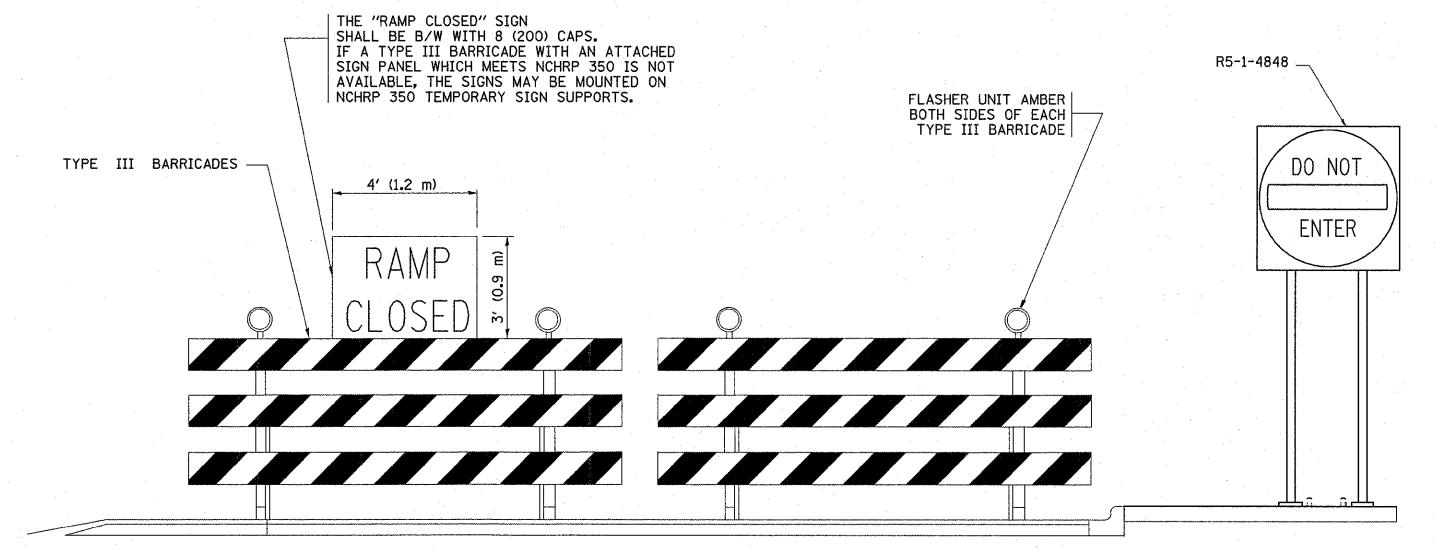
FACILITY	DISTANCE BETWEEN SIGNS	
	A	B
EXPRESSWAY >24 HOURS	1000' (300 m)	1500' (450 m)
EXPRESSWAY ≤24 HOURS	500' (150 m)	500' (150 m)
ARTERIAL ≥45 MPH	350' (100 m)	350' (100 m)
ARTERIAL <45 MPH	150' (45 m)	150' (45 m)

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

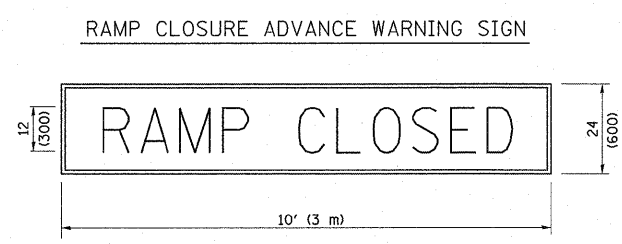


EXIT RAMP CLOSURE

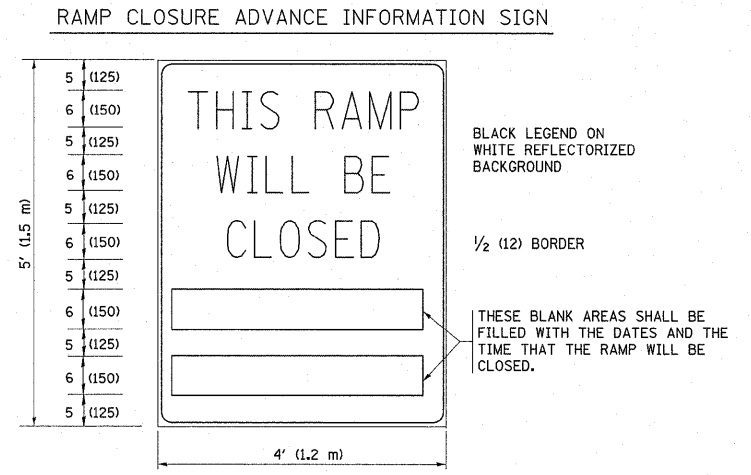
- SYMBOLS**
- ▬ TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
 - ⌊ TYPE III BARRICADE WITH FLASHING LIGHT



DETAIL FOR REQUIRED BARRICADES & SIGNS



BLACK LEGEND ON ORANGE REFLECTORIZED BACKGROUND
1 (25) BORDER
THESE SIGNS ARE REQUIRED ON ALL THE EXIT GUIDE SIGNS FOR THE CLOSED EXIT RAMPS.



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

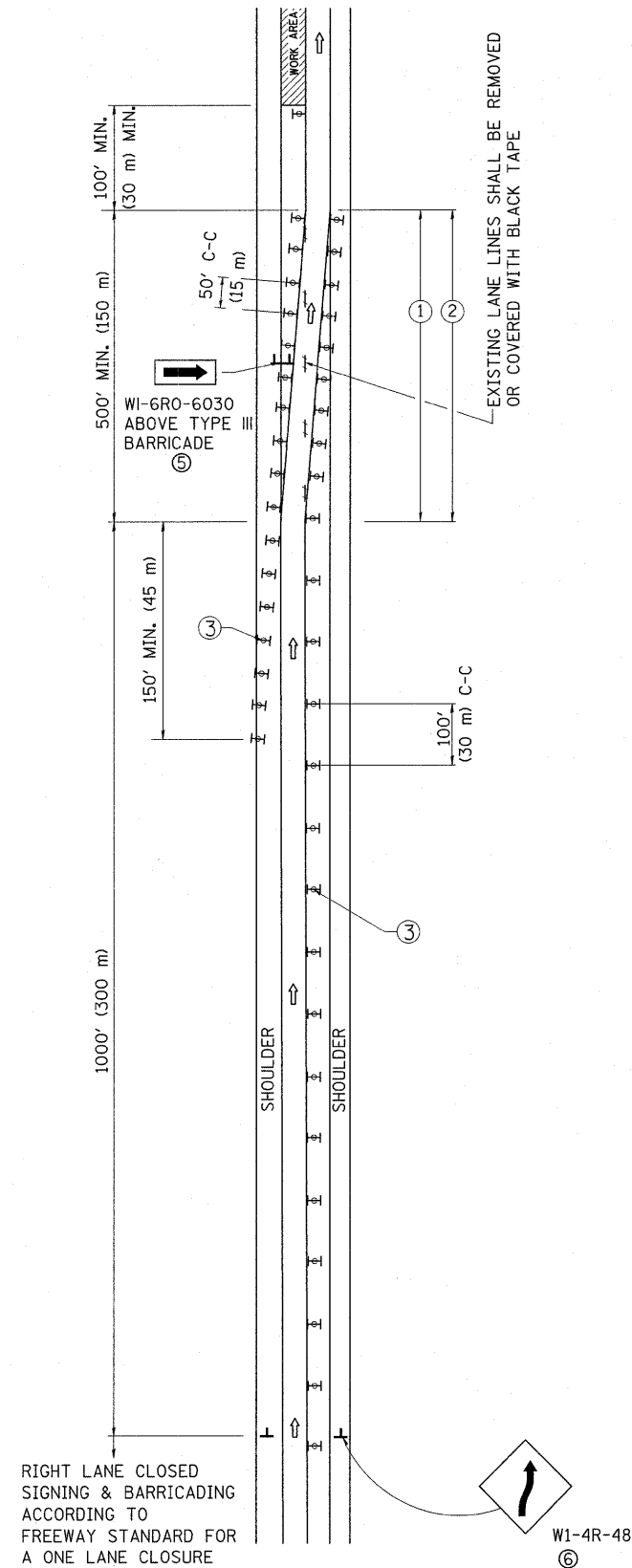
GENERAL NOTES:

- 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.
- ⑧ ROAD CONSTRUCTION AHEAD SIGNS MAY BE OMITTED WHEN THIS DETAIL IS USED IN CONJUNCTION WITH OTHER TRAFFIC CONTROL THAT ALREADY INCLUDES A ROAD CONSTRUCTION AHEAD SIGN.
- ⑨ ARTERIAL ROAD CONSTRUCTION AHEAD SIGNS MAY BE OMITTED ON CLOSURES LESS THAN 24 HOURS IN DURATION.

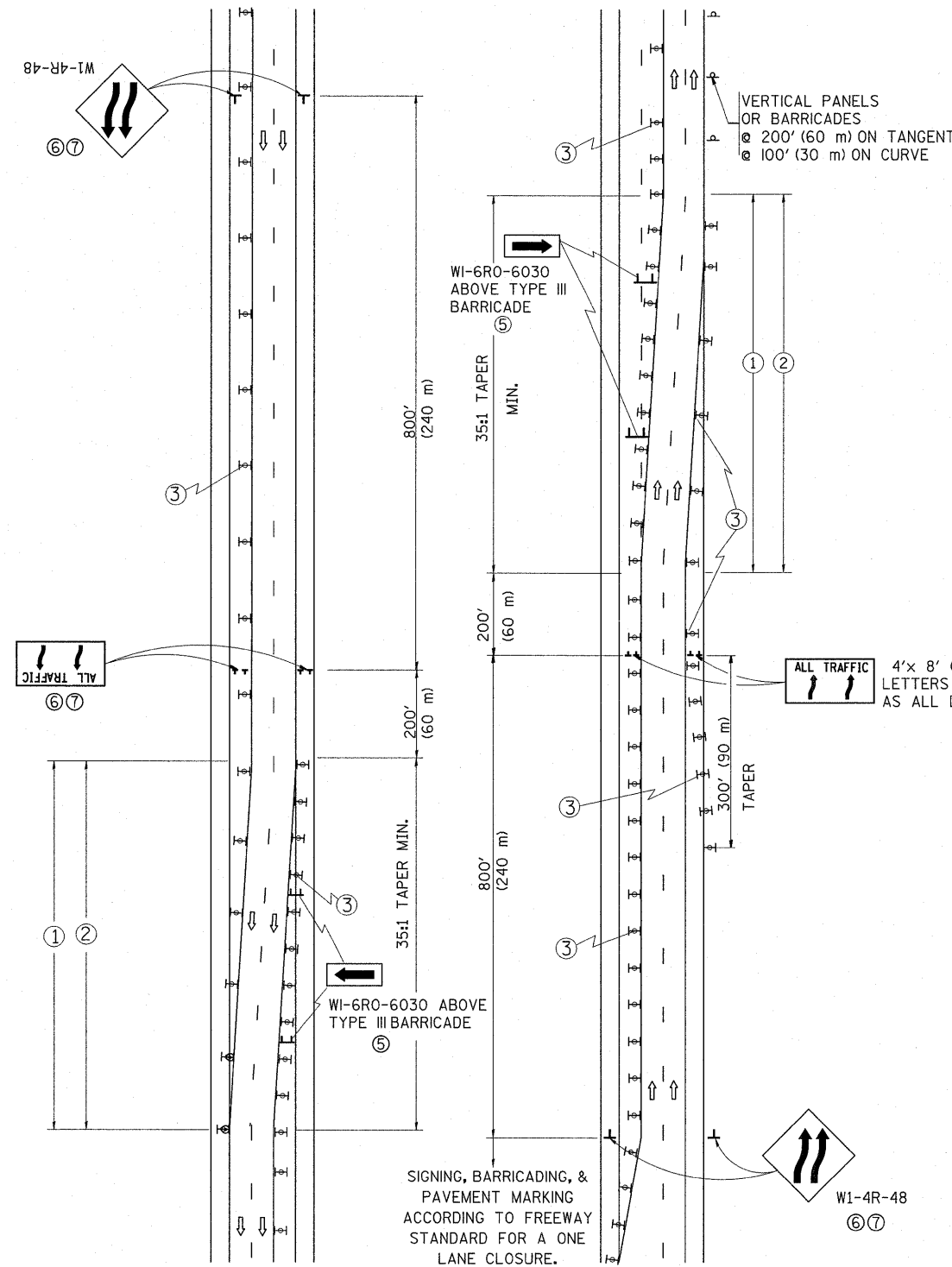
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = qureshiya	DESIGNED - DWS	REVISED - DWS/JAF 12-02	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FREWAY ENTRANCE AND EXIT RAMP CLOSURE DETAILS			F.A.I. RTE. 55	SECTION *	COUNTY COOK	TOTAL SHEETS 197	SHEET NO. 187
et:\pw_work\p\dot\qureshiya\d\187440\Dis	Std.dgn	DRAWN -	REVISED - JAF 02-06		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	TC-08		CONTRACT NO. 60164	
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - SPB 01-07		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
	PLOT DATE = 1/3/2011	DATE - 02-83	REVISED - SPB 12-09		* (1012-621, ETC. 0507-635K) RS-3							

SINGLE LANE WEAVE



MULTI-LANE WEAVE



GENERAL NOTES

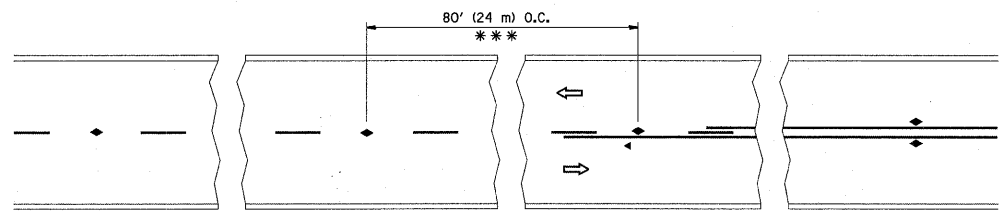
- ① EXISTING CONFLICTING PAVEMENT MARKING LINES SHALL BE REMOVED. PAVEMENT MARKING REMOVAL SHALL NOT BE REQUIRED FOR SINGLE LANE WEAVES UNDER 24 HOURS IN DURATION.
- ② CONTINUOUS REFLECTIVE TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND FOR 300' (90 m) ALONG SIDE THE WORK AREA WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS. THE LEFT EDGE LINE SHALL BE YELLOW AND THE RIGHT EDGE LINE SHALL BE WHITE. FOR MULTI-LANE WEAVES LANE LINES SHALL BE 5 INCH, 10'-30' (3 m-9 m) SKIP DASH, WHITE.
- ③ PLASTIC DRUMS WITH STEADY BURN LIGHTS AT 50' (15 m) C-C SPACING IN TAPERS AND 100' (30 m) C-C SPACING IN TANGENTS.
- ④ ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- ⑤ IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON NCHRP 350 TEMPORARY SIGN SUPPORTS. TYPE III BARRICADES MAY BE OMITTED FOR SINGLE-LANE WEAVES UNDER 24-HOURS IN DURATION. W1-6 SIGNS WILL STILL BE REQUIRED. IF THE WIDTH OF OFFSET IS LESS THAN 6' THEN THE TYPE III BARRICADE WITH ATTACHED ARROW SIGN PANEL CAN BE ELIMINATED IN THE TAPER AREAS.
- ⑥ WHEN THE LENGTH OF THE SHIFTED SEGMENT (DISTANCE BETWEEN WEAVE POINTS) IS LESS THAN 1500', DOUBLE REVERSE CURVE SIGNS (W24-1) SHOULD BE USED INSTEAD OF THE REVERSE CURVE (W1-4) SIGNS. ARROWS ON THE 4'X8' "ALL TRAFFIC" SIGNS SHALL BE THE SAME SHAPE.
- ⑦ THE NUMBER OF ARROWS ON THESE SIGNS SHALL MATCH THE NUMBER OF LANES OPEN TO TRAFFIC.

SYMBOLS

- ↑ DIRECTION OF TRAFFIC
 - ▨ WORK AREA
 - ┌ SIGN ON PORTABLE OR PERMANENT SUPPORT
 - ⊞ TYPE II BARRICADE OR DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
- W1-4R-48
- W24-1-48

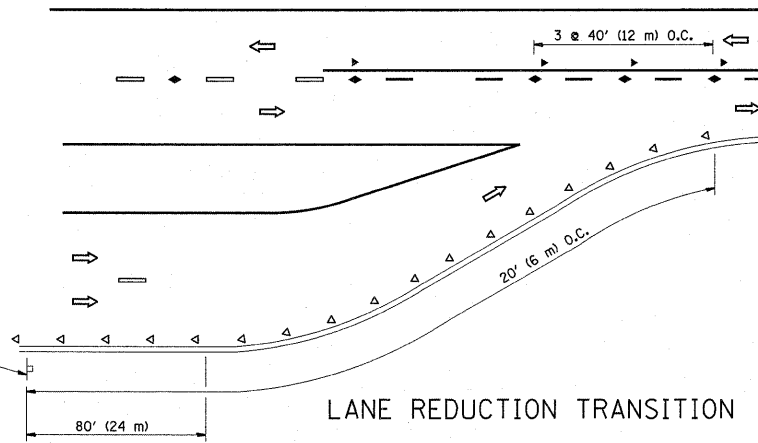
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = qureshye	DESIGNED - DWS	REVISED - JAF 01-03	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE		F.A.I. RTE. 55	SECTION *	COUNTY COOK	TOTAL SHEETS 197	SHEET NO. 188
Plot Scale = 50.0000' / IN.	Drawn -	REVISOR - JAF 02-06	REVISOR - JAF 02-06		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	TC-09		CONTRACT NO. 60164	
Plot Date = 1/3/2011	Checked -	REVISOR - SPB 01-07	REVISOR - SPB 01-07								
	Date = 02-87	REVISOR - SPB 12-09	REVISOR - SPB 12-09								

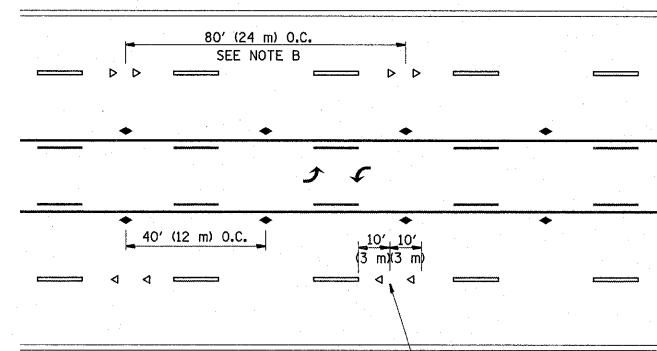


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

TWO-LANE/TWO-WAY

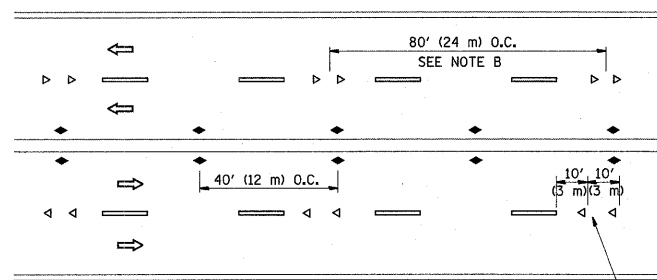


LANE REDUCTION TRANSITION



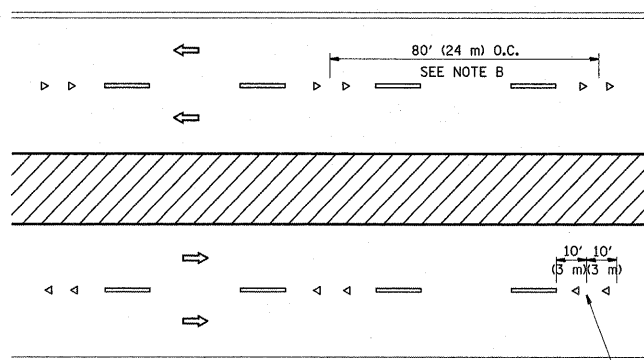
SEE NOTE A

TWO-WAY LEFT TURN



SEE NOTE A

MULTI-LANE/UNDIVIDED



SEE NOTE A

MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

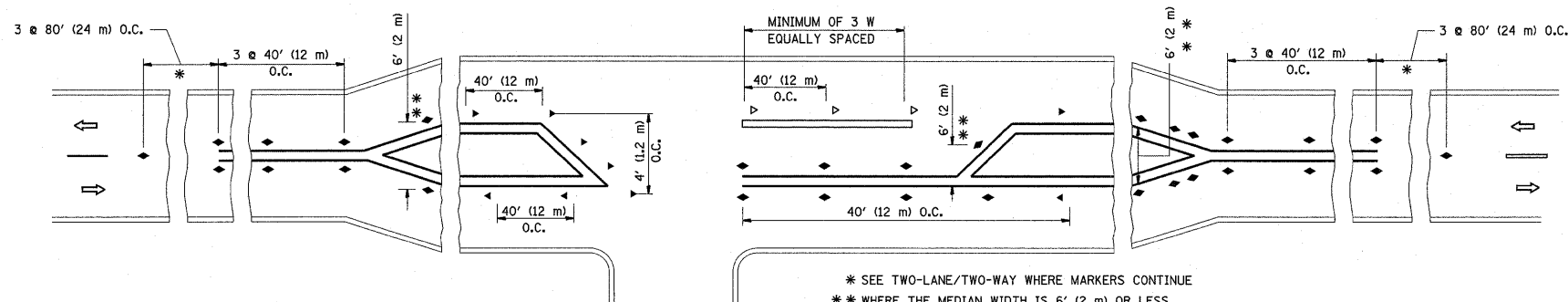
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H. (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHOULD BE INCLUDED IN THE PLANS.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.

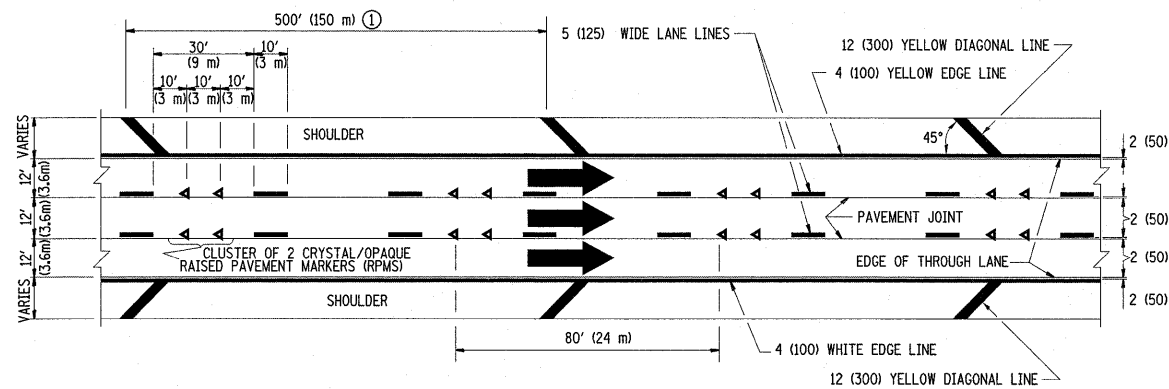


* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

LEFT TURN

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

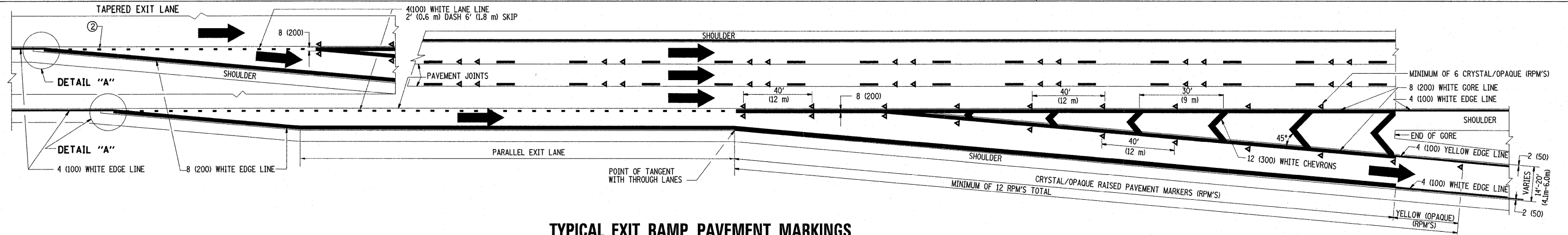
FILE NAME =	USER NAME = qureshige	DESIGNED -	REVISED - T. RAMMACHER 09-19-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL APPLICATIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pw_work\pwidot\qureshige\d2187440\Dis	Std.dgn	DRAWN -	REVISED - T. RAMMACHER 03-12-99		RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			55	*	COOK	197	189	
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - T. RAMMACHER 01-06-00		SCALE: NONE	SHEET NO. 1	OF 1 SHEETS	STA.	TO STA.	TC-11			CONTRACT NO. 60164
	PLOT DATE = 1/3/2011	DATE -	REVISED - C. JUCIUS 09-09-09		FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT								



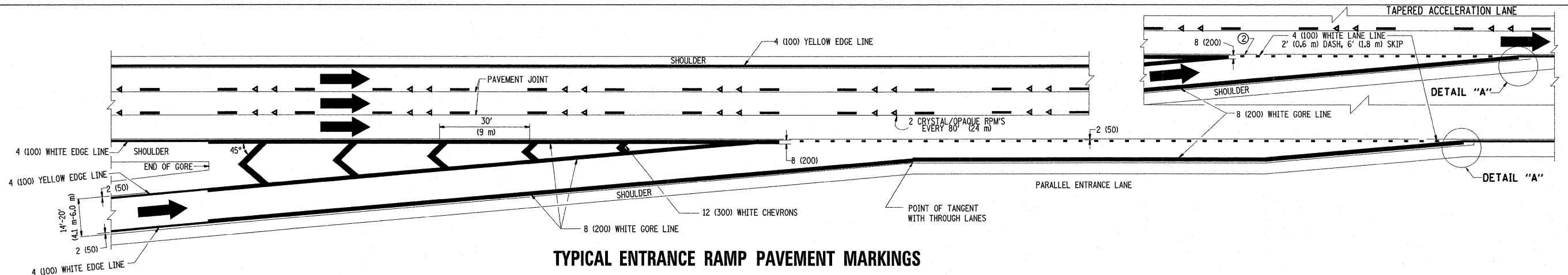
TYPICAL EDGE LINES & LANE LINES

PAVEMENT MARKING MATERIALS

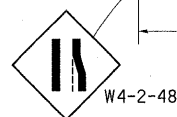
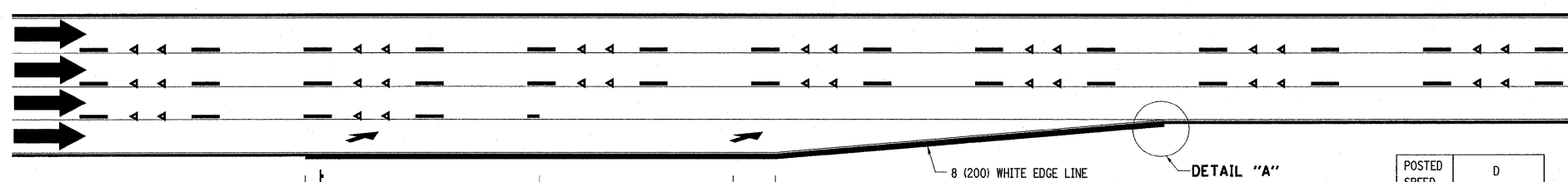
1. THERMO PLASTIC PAVEMENT MARKING LINE SHALL BE USED FOR THE EDGE LINES, GORE LINES, AND DIAGONAL LINES ON BITUMINOUS PAVEMENT ONLY.
2. PREFORMED PLASTIC TYPE B PAVEMENT MARKING LINE SHALL BE USED FOR ALL LANE LINES ON BITUMINOUS PAVEMENT.
3. POLYUREA PAVEMENT MARKING SHALL BE USED FOR ALL MARKINGS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



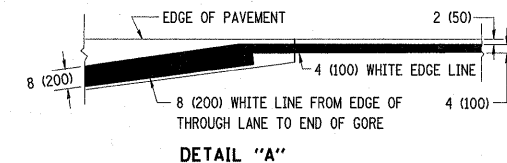
TYPICAL EXIT RAMP PAVEMENT MARKINGS



TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS



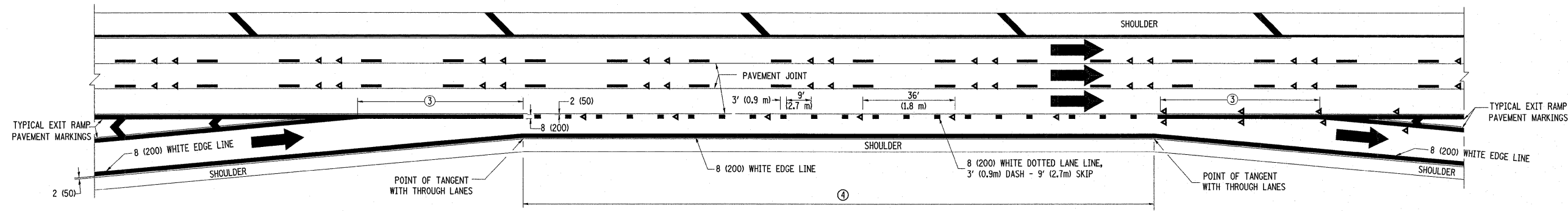
POSTED SPEED LIMIT	D DISTANCE
45 MPH	750' (230 m)
55 MPH	950' (290 m)
65 MPH	1200' (365 m)



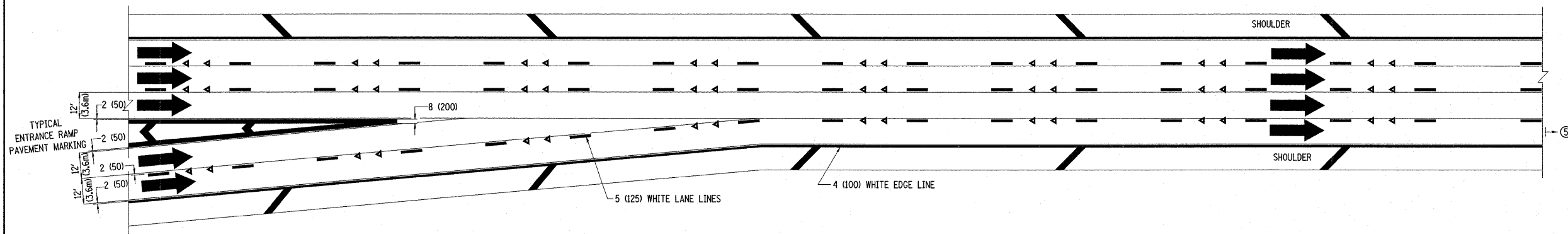
NOTES:

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

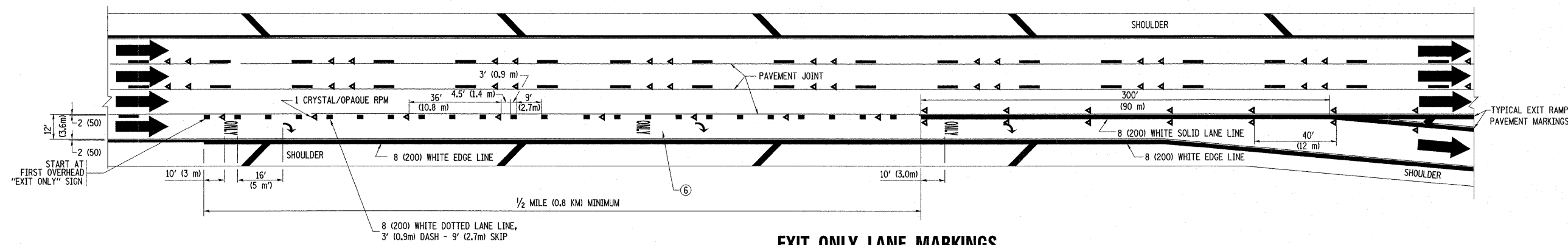
FILE NAME = c:\pwork\pwork\qureshya\0187440\Dis	USER NAME = qureshya Std.dgn	DESIGNED - D.W.S. DRAWN -	REVISED - D.W.S. 07-96 REVISED - J.A.F. 02-06 REVISED - S.P.B. 01-07 REVISED - S.P.B. 01-10	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS			F.A.I. RTE. 55	SECTION TC-12	COUNTY COOK	TOTAL SHEETS 197	SHEET NO. 190
PLOT SCALE = 50.0000' / IN. PLOT DATE = 1/3/2011					DATE = 01-90	SCALE = NONE	SHEET NO. 1 OF 2 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CONTRACT NO. 60164			



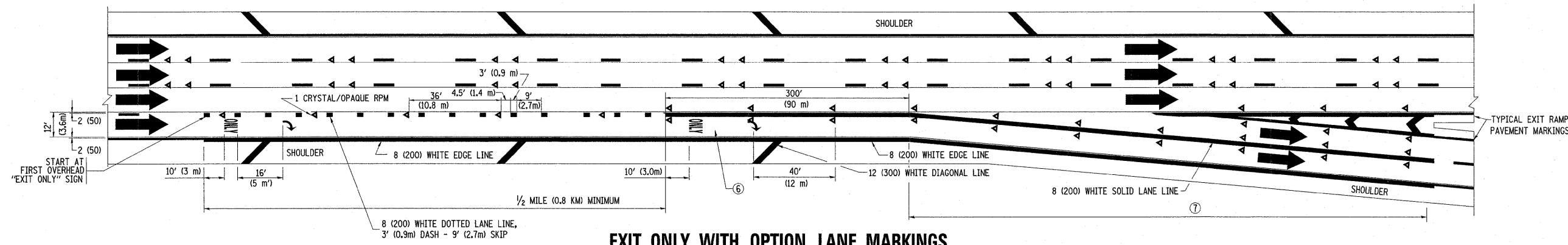
AUXILIARY LANE MARKINGS



TWO LANE ENTRANCE RAMP WITH MERGE MARKINGS



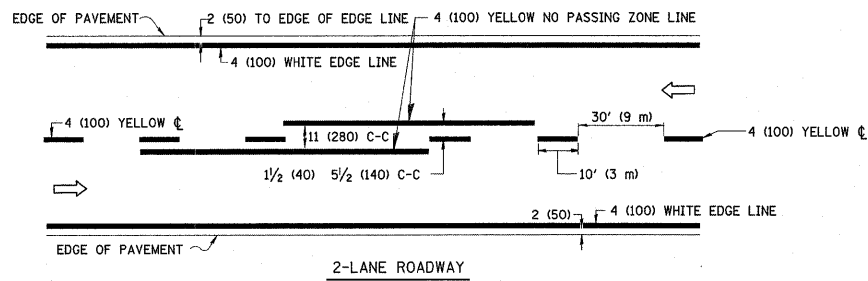
EXIT ONLY LANE MARKINGS



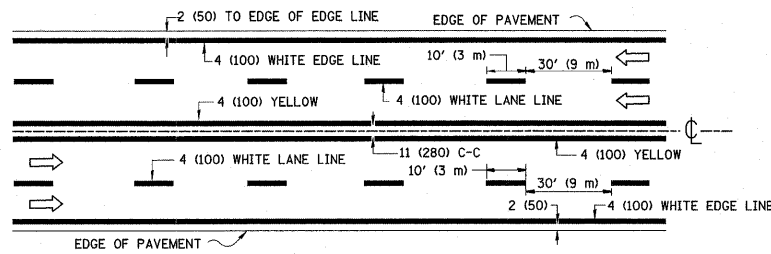
EXIT ONLY WITH OPTION LANE MARKINGS

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

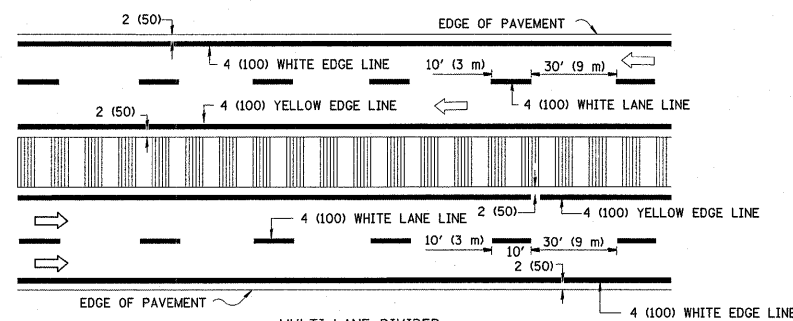
FILE NAME =	USER NAME = qreshiga	DESIGNED - D.W.S.	REVISED - D.W.S. 07-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
01\pw_work\p\dot\qreshiga\187440\Dis	Std.dgn	DRAWN -	REVISED - J.A.F. 02-06		SCALE: NONE	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	55	TC-12	COOK	197	191
	PLOT SCALE = 58.0000' / IN.	CHECKED -	REVISED - S.P.B. 01-07										
	PLOT DATE = 1/3/2011	DATE - 01-90	REVISED - S.P.B. 01-10										CONTRACT NO. 60164



2-LANE ROADWAY



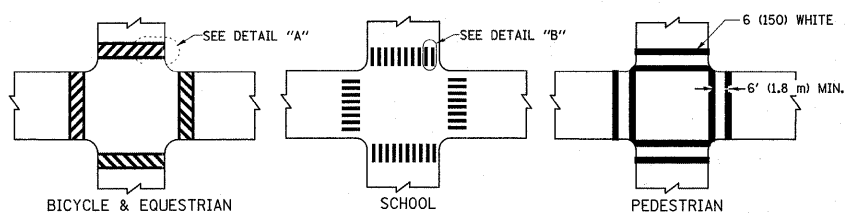
MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MOUNTABLE MEDIAN

NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

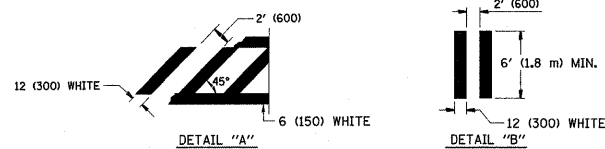
TYPICAL LANE AND EDGE LINE MARKING



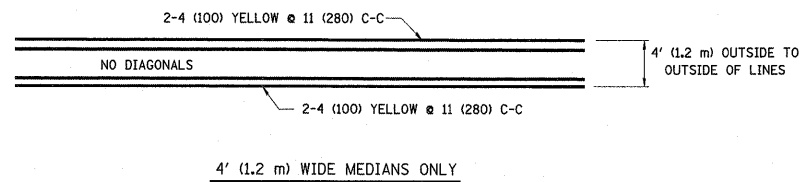
BICYCLE & EQUESTRIAN

SCHOOL

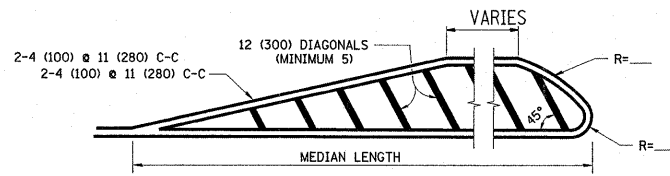
PEDESTRIAN



TYPICAL CROSSWALK MARKING



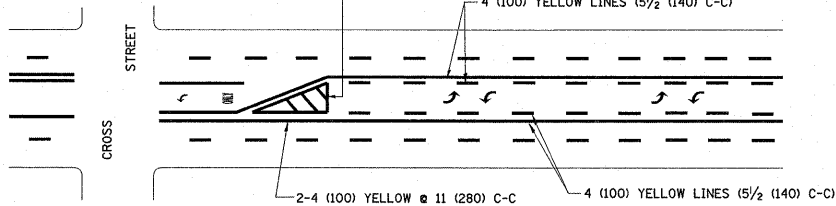
4' (1.2 m) WIDE MEDIANS ONLY



FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

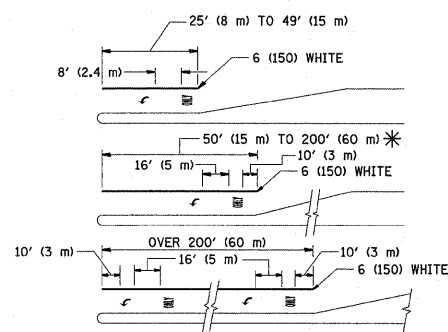
MEDIANS OVER 4' (1.2 m) WIDE



A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.

MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

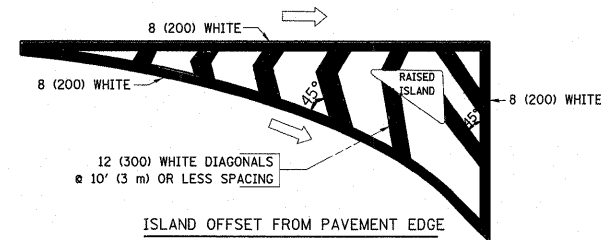


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

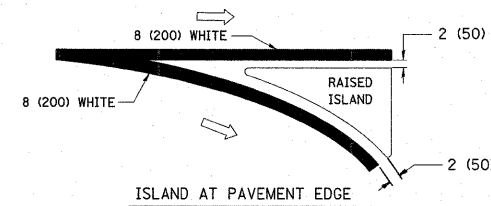
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION	4 (100)	SOLID	YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE
FOR BOTH DIRECTIONS	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE. SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

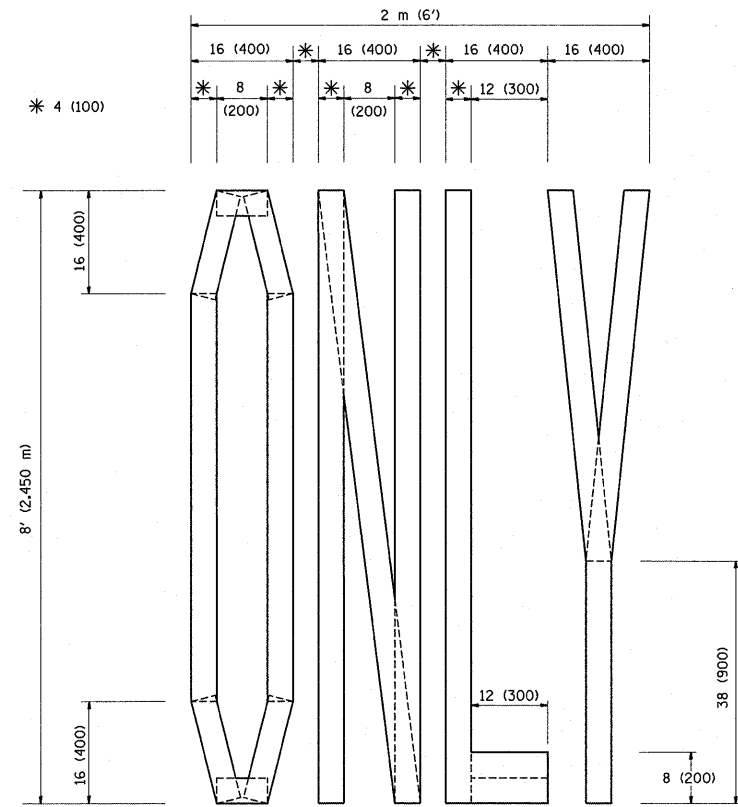
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = qureshiga	DESIGNED - EVERS	REVISED -T. RAMMACHER 10-27-94
cr:\pw_work\pwsdot\qureshiga\d0187440\Dis	Std.dgn	DRAWN -	REVISED -C. JUCIUS 09-09-09
PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISOR -	REVISOR -
PLOT DATE = 1/3/2011	DATE - 03-19-90	REVISED -	REVISED -

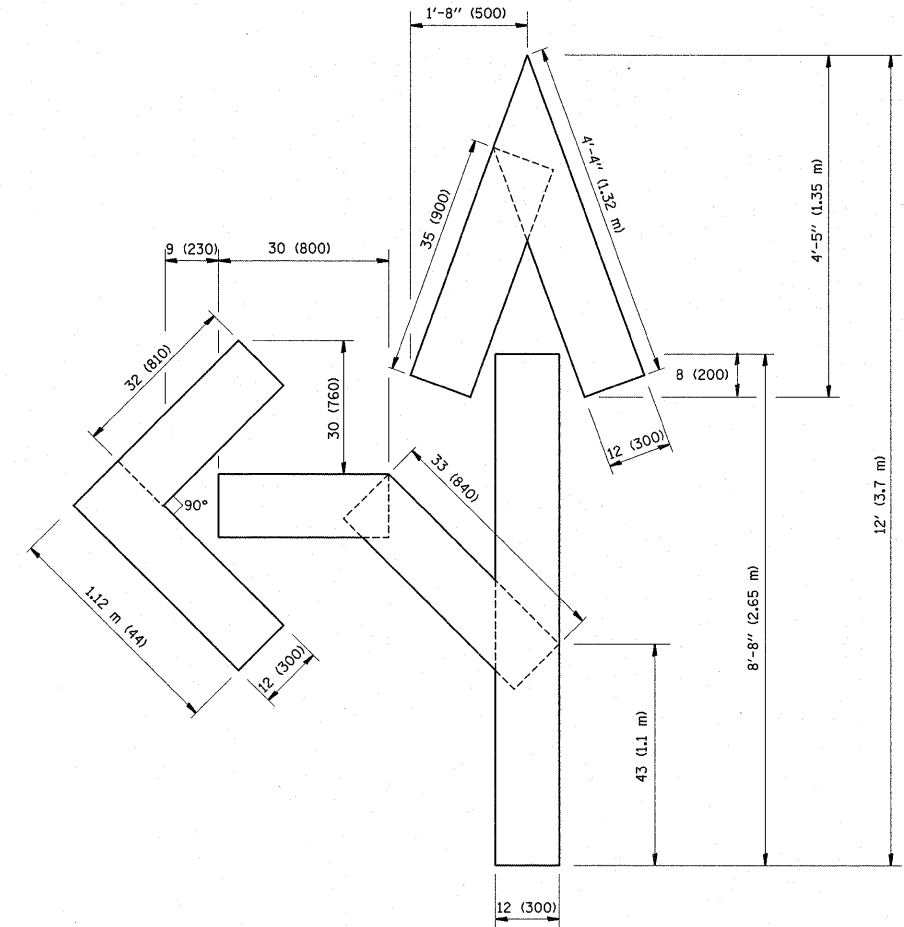
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE	
TYPICAL PAVEMENT MARKINGS	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

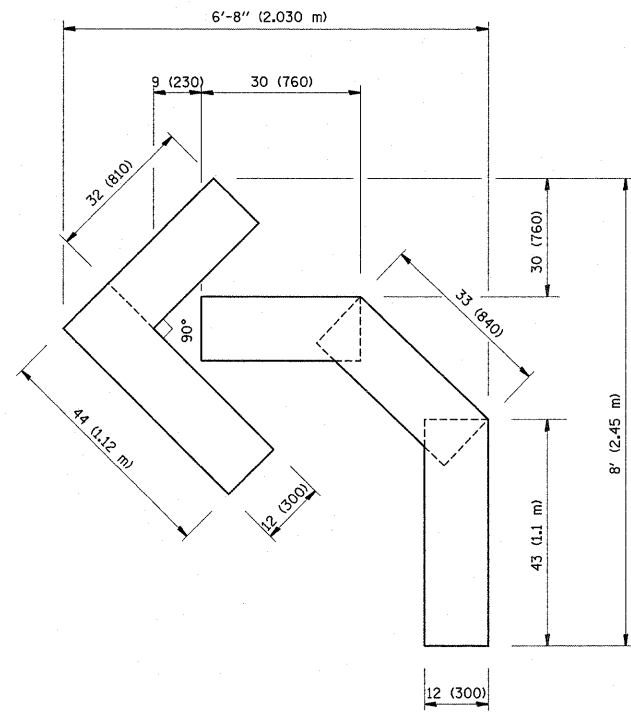
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	COOK	197	192
TC-13		CONTRACT NO. 60164		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



QUANTITY
 4 (100) LINE = 64.1 ft. (19.7 m)
 21.1 sq. ft. (1.97 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.3 m)
 27.5 sq. ft. (2.53 sq. m)



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.39 sq. m)

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

FILE NAME =	USER NAME = qureshye	DESIGNED -	REVISED -T. RAMMACHER 06-05-96
ci:\pw_work\p\dot\qureshye\d0187440\Dis	Std.dgn	DRAWN -	REVISED -T. RAMMACHER 11-04-97
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -T. RAMMACHER 03-02-98
	PLOT DATE = 1/3/2011	DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

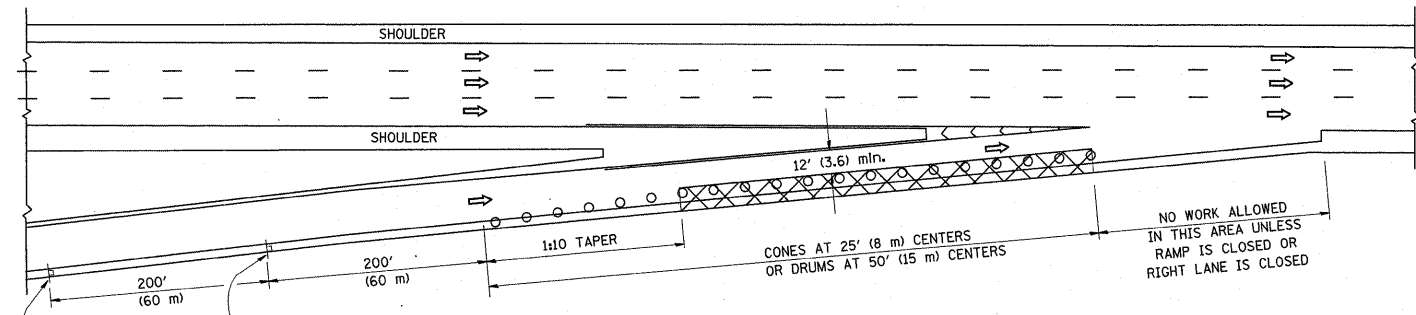
**PAVEMENT MARKING LETTERS AND SYMBOLS
 FOR TRAFFIC STAGING**

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

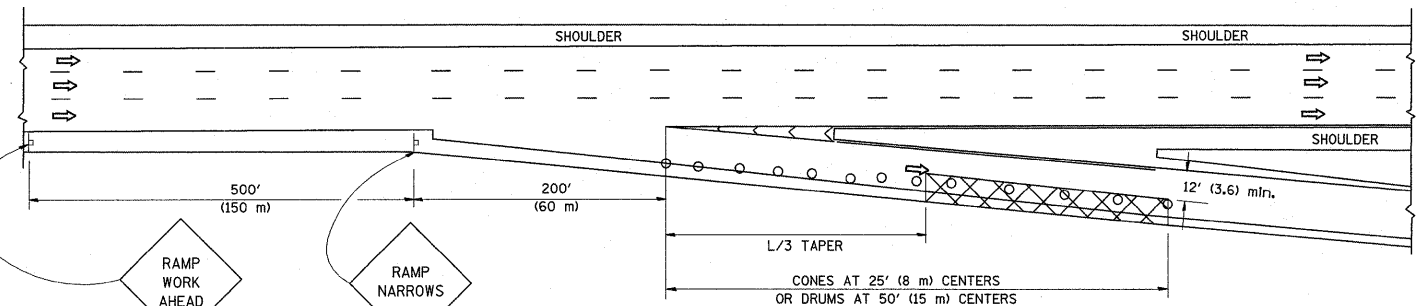
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	TC-16	COOK	197	193
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60164	

PARTIAL RAMP CLOSURE DETAILS

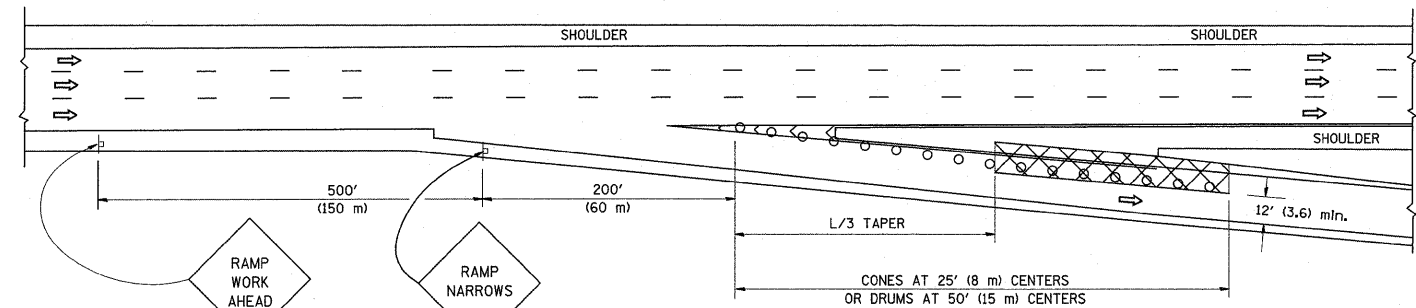
SHOULDER CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

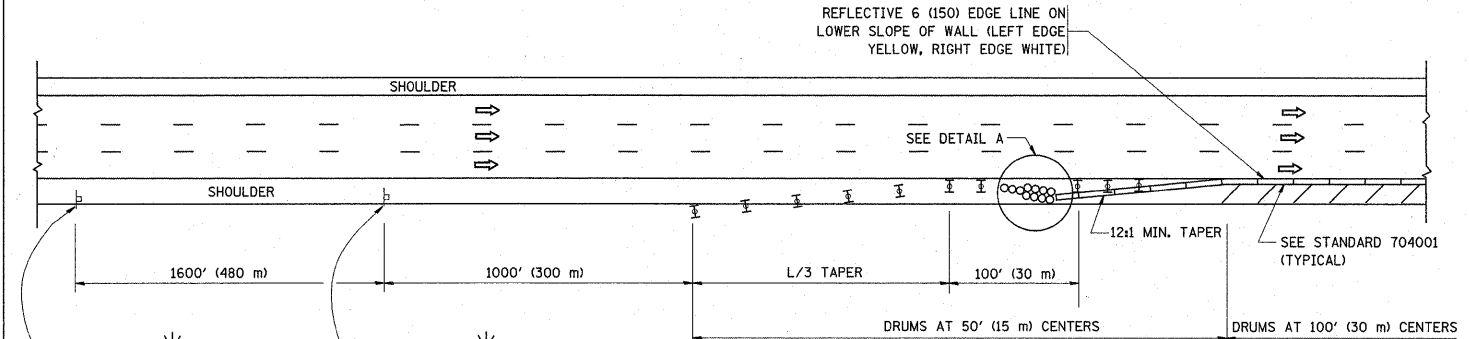
SYMBOLS

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

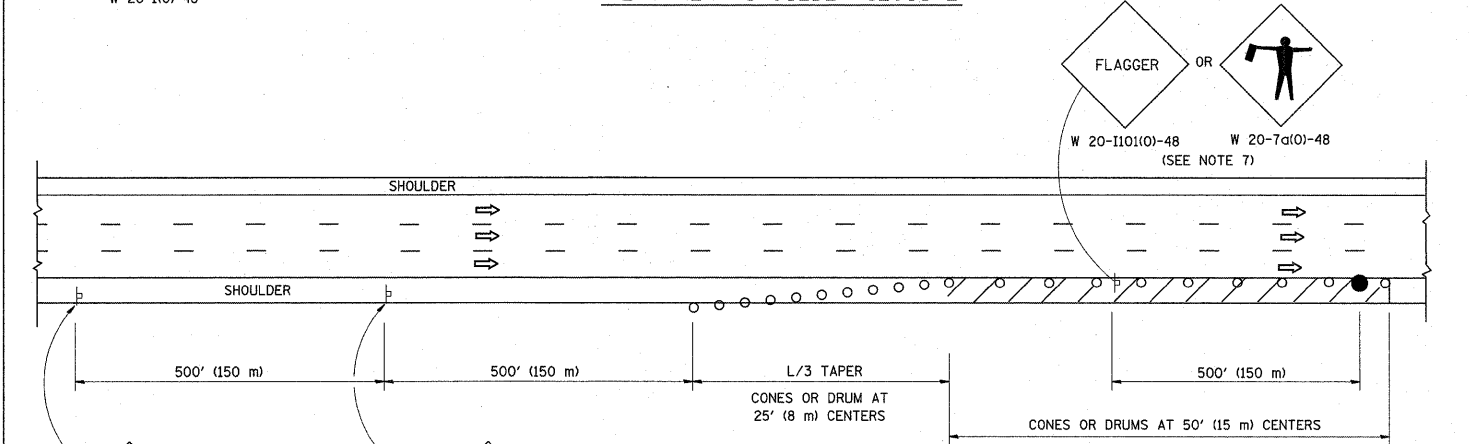
GENERAL NOTES

1. THE "L" DISTANCE EQUALS:

SPEED LIMIT	FORMULAS
45 mph (80 km/h) OR GREATER	METRIC ENGLISH L=0.6S(W/S) L=(W/S)
W = WIDTH OF OFFSET IN FEET (METERS)	
S = NORMAL POSTED SPEED MPH (KM/H)	
2. PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES.
3. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
4. FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

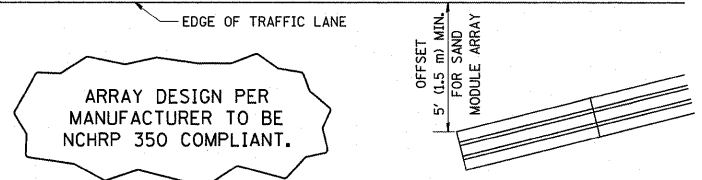


PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE

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

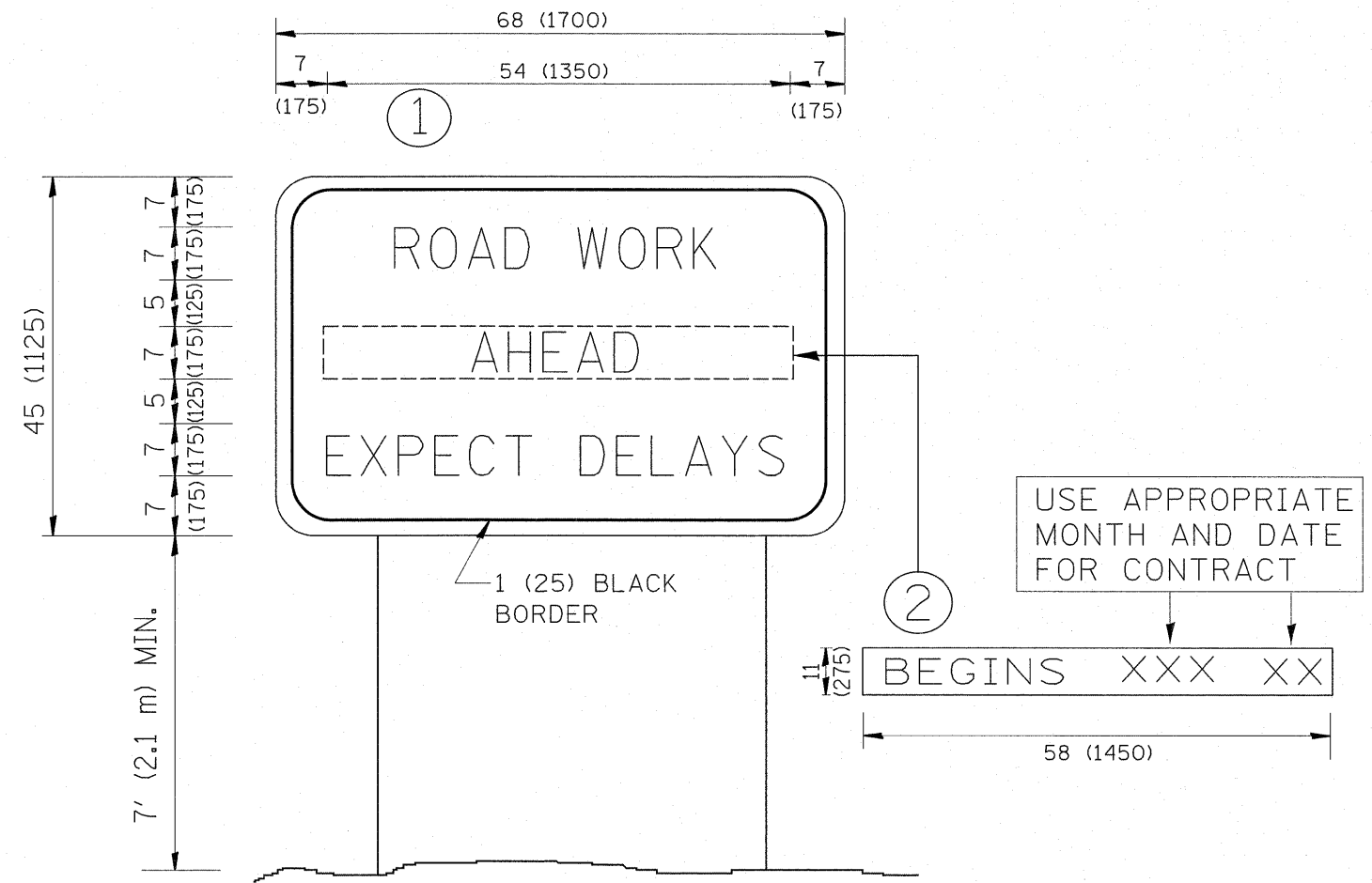


DETAIL "A"
 IMPACT ATTENUATOR, TEMPORARY
 (SEE NOTE 5)

5. THE IMPACT ATTENUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY CONCRETE BARRIER WALL IS PROTECTED BY OR IS TIED INTO THE EXISTING GUARDRAIL. IF OFFSET IS LESS THAN 5 FEET USE NARROW USE TYPE DEVICE TO MEET NCHRP350.
6. AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
7. THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
 - a. FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
 - b. THE WORK AVTIVITY REQUIRES FREQUENT ENCR OACHMENT INTO THE LANE OPEN TO TRAFFIC.
 THE FLAGGER SHALL BE STATIONED APPROXIMATELY 100' (30 m) TO 200' (60 m) IN ADVANCE OF THE WORKERS.

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

FILE NAME =	USER NAME = qureshys	DESIGNED -	REVISED - 04-03	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr\pw_work\pwsdot\qureshys\d2187440\Dis	Std.dgn	DRAWN - D.W.S.	REVISED - J.A.F. 12-06		55	*	COOK	197	194	
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED - S.P.B. 01-07		TC-17		CONTRACT NO. 60164			
PLOT DATE = 1/3/2011		DATE - 11-96	REVISED - S.P.B. 12-09		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	



NOTES:

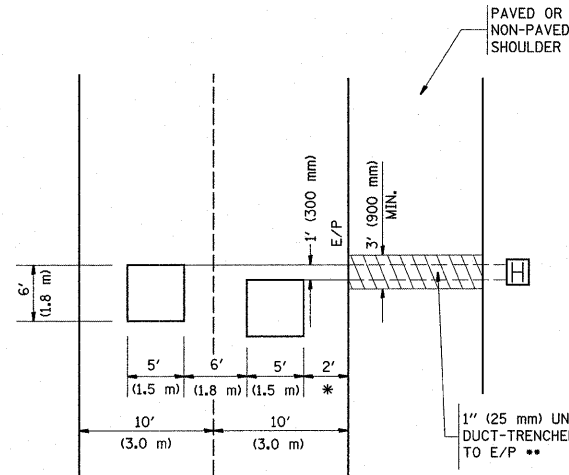
1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

FILE NAME =	USER NAME = qureshiya	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pw_work\pwidot\qureshiya\d0187440\Dis	Std.dgn	DRAWN -	REVISED - R. MIRS 12-11-97			55	.	COOK	197	195	
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99			TC-22		CONTRACT NO. 60164			
	PLOT DATE = 1/3/2011	DATE -	REVISED - C. JUCIUS 01-31-07			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					
					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS		STA.	TO STA.		

LOOPS NEXT TO SHOULDERS

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.

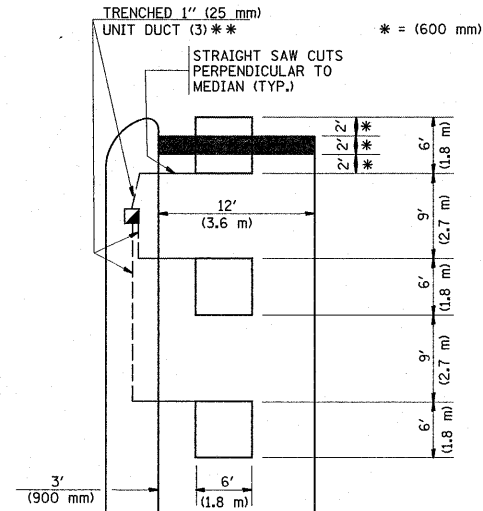


* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

**LEFT TURN LANES WITH MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)**

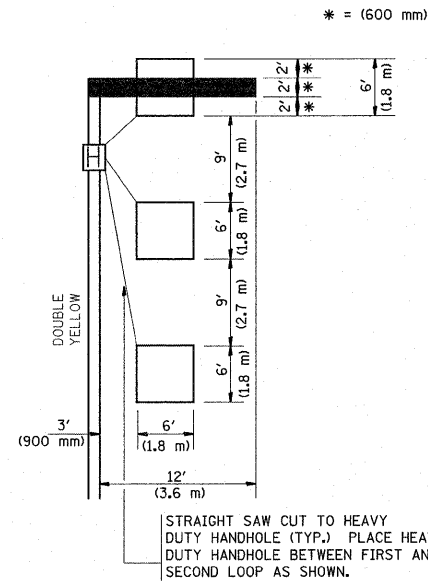
HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.



** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)**



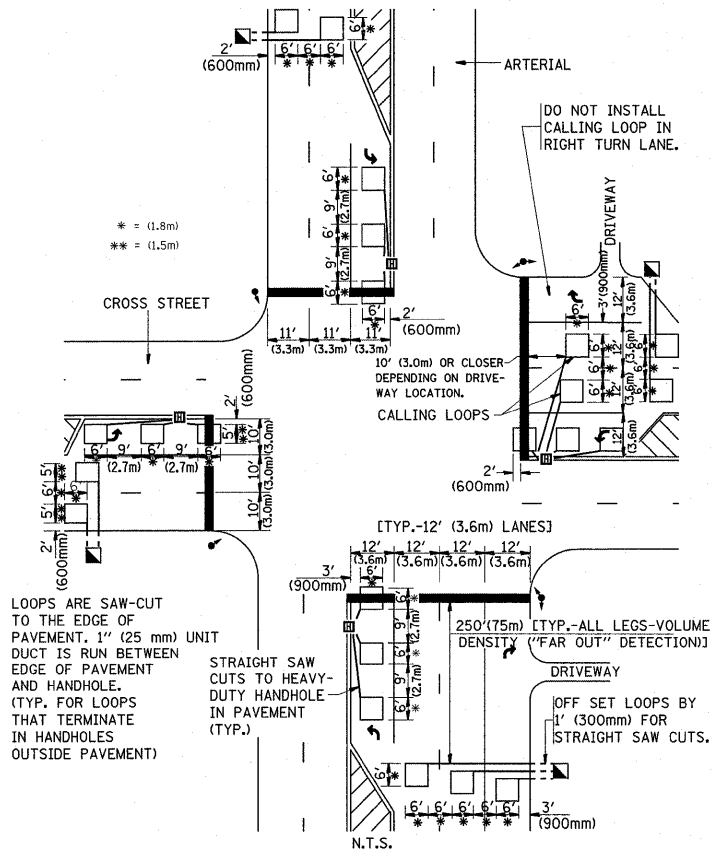
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

NOTES:

VEHICLES LOOP DETECTORS

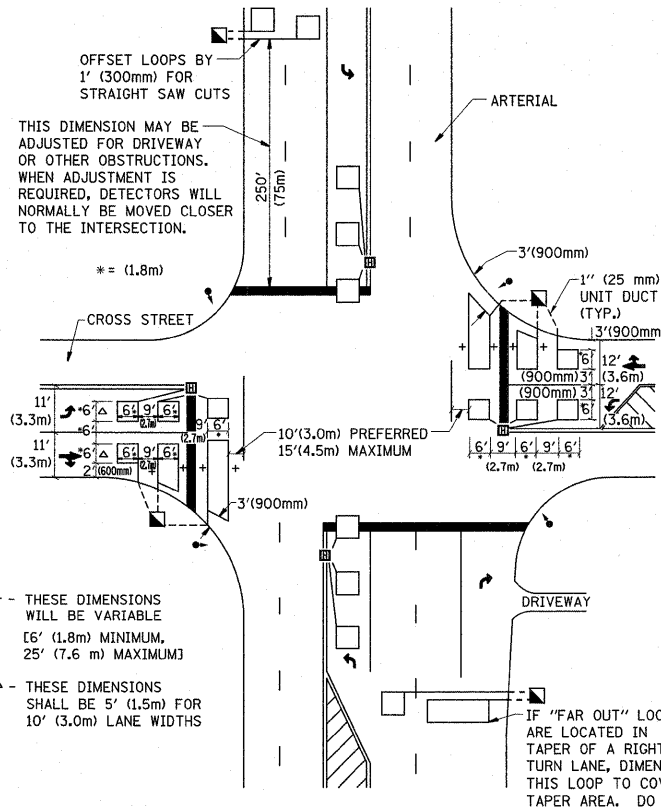
- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATELY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- * EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- * WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- * WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-VOLUME DENSITY ("FAR OUT" DETECTION)**



**DETAIL 1
N.T.S.**

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)**



**DETAIL 2
N.T.S.**

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

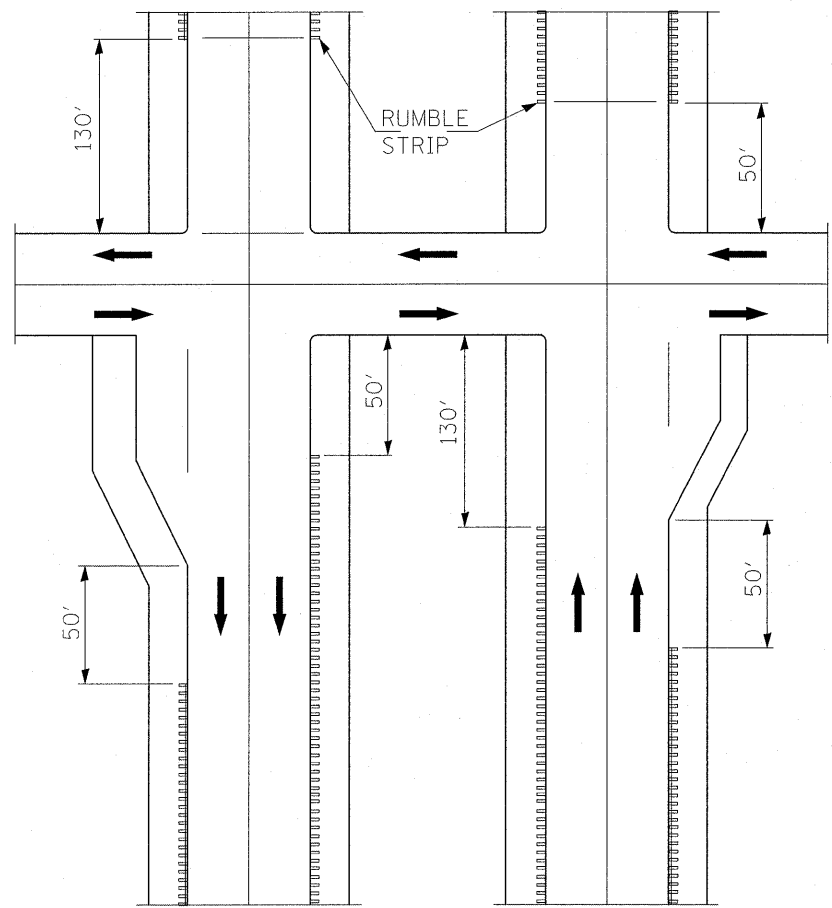
"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

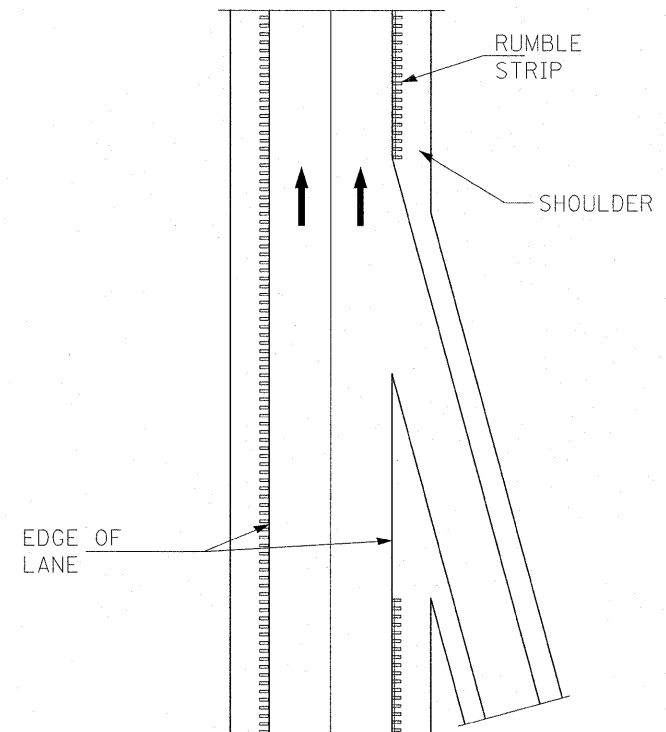
ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

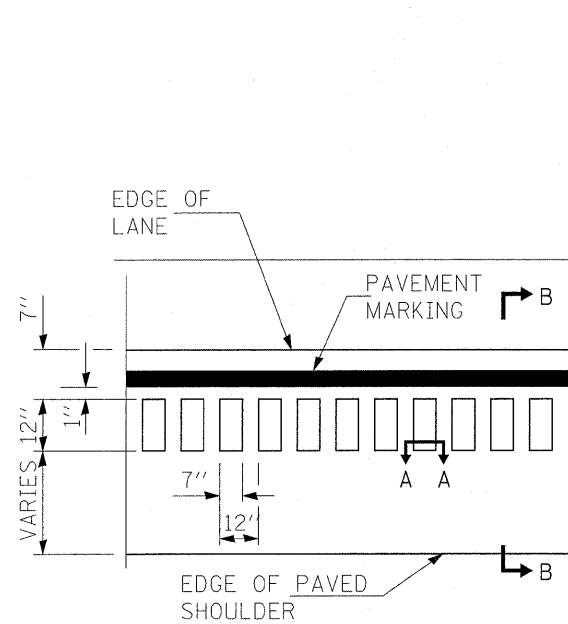
FILE NAME =	USER NAME = qureshya	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING			F.A.I. RTE. 55	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cs:\pwork\pwork\qureshya\0187440\0187440.dgn	Std.dgn	DRAWN -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	COOK	197	196	
	PLOT SCALE = 50.0000' / IN.	CHECKED - R.K.F.	REVISED -		TS-07			CONTRACT NO. 60164				
	PLOT DATE = 1/3/2011	DATE -	REVISED -		FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT							



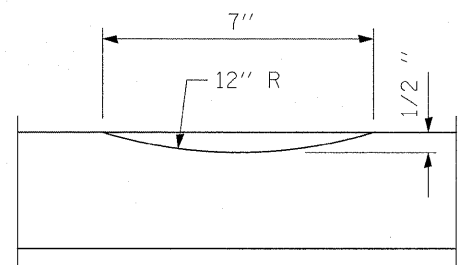
**RUMBLE STRIPE
EXPRESSWAY DIVIDED**



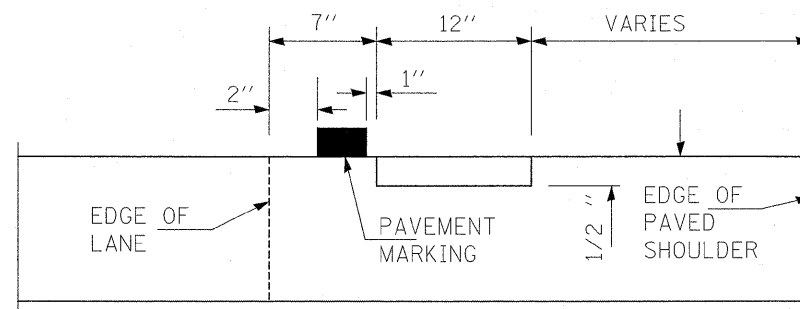
**RUMBLE STRIPE
ACCELERATION OR DECELERATION LANE**



PLAN FOR RUMBLE STRIPE



SECTION A-A



SECTION B-B

GENERAL NOTES

ON PORTLAND CEMENT CONCRETE SHOULDERS, NO SHOULDER RUMBLE STRIPE SHALL BE LOCATED CLOSER THAN 150 mm (6") TO A TRANSVERSE JOINT.

OMIT SHOULDER RUMBLE STRIP ACROSS STRUCTURES.

SHOULDER RUMBLE STRIPES TO BE PAID FOR AS SHOULDER RUMBLE STRIP AND THERMOPLASTIC PAVEMENT MARKING - LINE 4"

FILE NAME =	USER NAME = qureshye	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SHOULDER RUMBLE STRIPE FOR FREEWAY (INSIDE SHOULDER)				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw_work\pwsdot\qureshye\d0187440\DI11310-shr-plan.dgn	PLOT SCALE = 58.0000' / IN.	DRAWN -	REVISED -						55	*	COOK	197	197
	PLOT DATE = 1/3/2011	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 60164				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT				(0102-621, ETC. 0507-635K) RS-3				