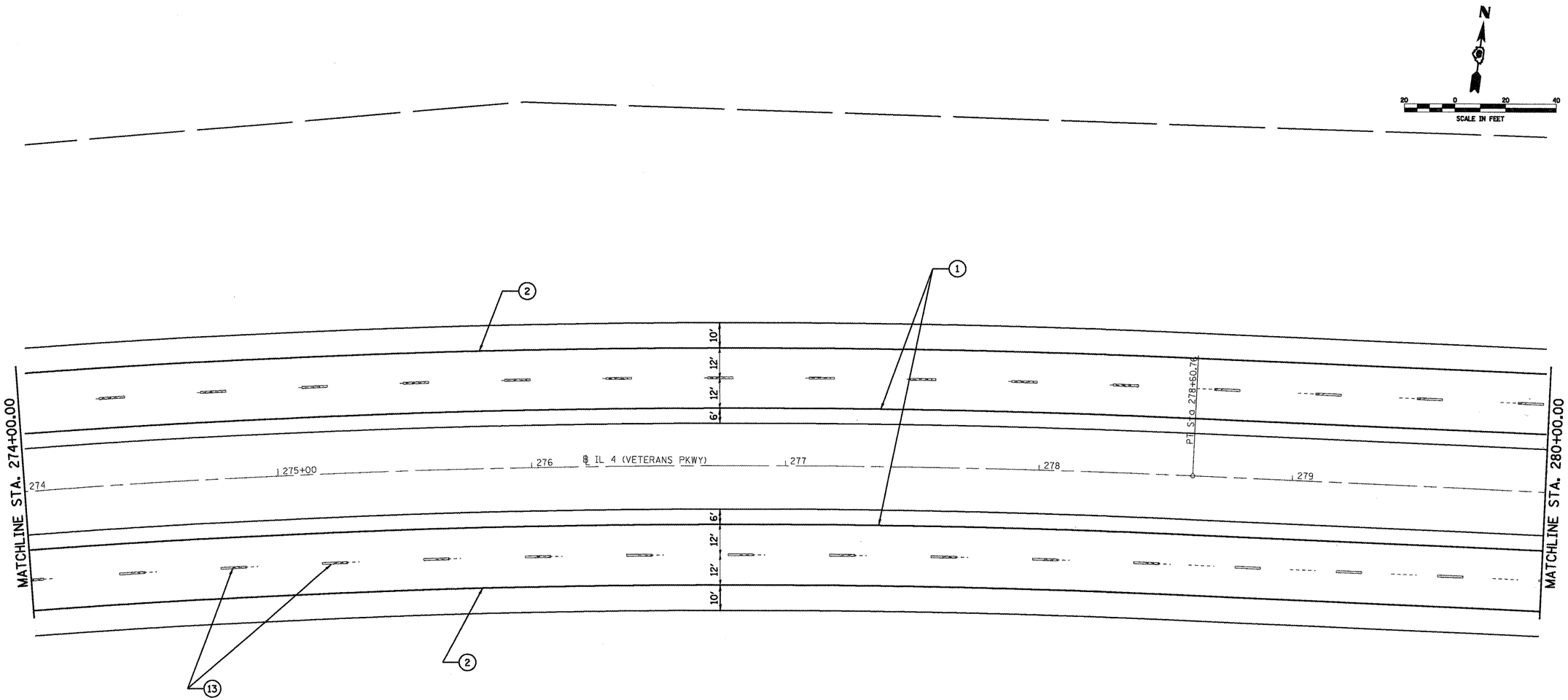

EXIST. CURVE 13
PI STA. = 267+36.92
Δ = 34° 00' 00" (RT)
D = 1° 28' 00"
R = 3,906.54'
T = 1,194.35'
L = 2,318.19'
E = 178.50'
e = 3.6%
T.R. = 66.67'
S.E. RUN = 160'
P.C. STA. = 255+42.57
P.T. STA. = 278+60.76

LEGEND

1. URETHANE- 5" YELLOW
2. URETHANE- 5" WHITE
3. URETHANE- 8" WHITE
4. URETHANE- 12" YELLOW
5. URETHANE-12" WHITE
6. THERMOPLASTIC- 5" YELLOW
7. THERMOPLASTIC- 5" WHITE
8. THERMOPLASTIC- 8" WHITE
9. THERMOPLASTIC- 12" YELLOW
10. THERMOPLASTIC- 12" WHITE
11. PREFORMED PLASTIC TYPE B- INLAID- LETTERS AND SYMBOLS
12. PREFORMED PLASTIC TYPE B- INLAID - 5" YELLOW
13. PREFORMED PLASTIC TYPE B- INLAID - 5" WHITE
14. PREFORMED PLASTIC TYPE B- INLAID - 6" WHITE
15. PREFORMED PLASTIC TYPE B- INLAID - 24" WHITE

FILE NAME = c:\pw_work\PWIDOT\LAUGHLINRL\dms47710\D572C35-sht plan-i14.dgn	USER NAME = laughlinrl	DESIGNED -	REVISED -
		DRAWN -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN VIEW - SECTION "B" (IL 4 /VETERANS PKWY)

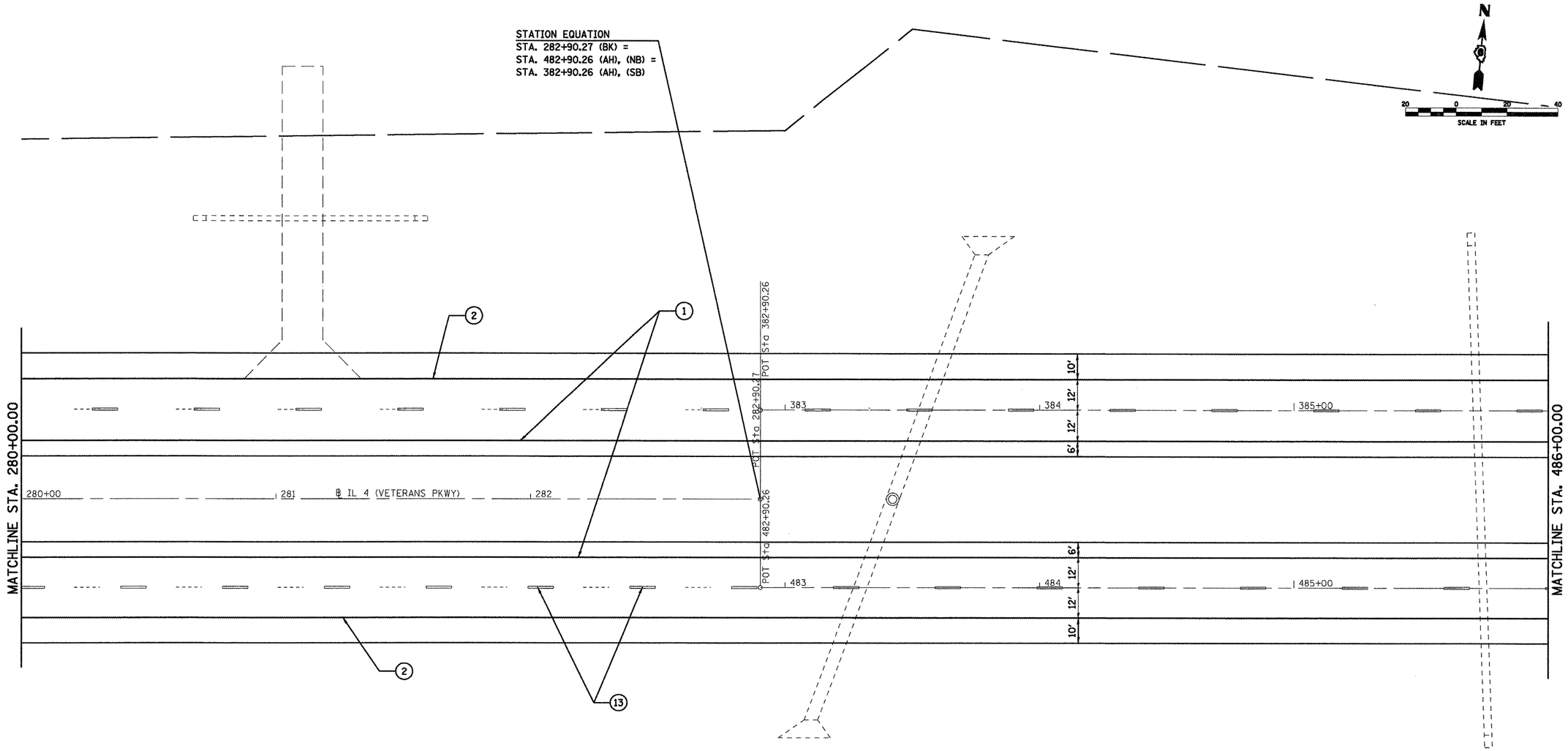
SCALE: | SHEET NO. 17 OF 20 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	101

CONTRACT NO. 72C35

ILLINOIS FED. AID PROJECT

* 1-I(RS,TS-1)27RS-6,792&102RS-4



LEGEND

1. URETHANE- 5" YELLOW
2. URETHANE- 5" WHITE
3. URETHANE- 8" WHITE
4. URETHANE- 12" YELLOW
5. URETHANE-12" WHITE
6. THERMOPLASTIC- 5" YELLOW
7. THERMOPLASTIC- 5" WHITE
8. THERMOPLASTIC- 8" WHITE
9. THERMOPLASTIC- 12" YELLOW
10. THERMOPLASTIC- 12" WHITE
11. PREFORMED PLASTIC TYPE B- INLAID- LETTERS AND SYMBOLS
12. PREFORMED PLASTIC TYPE B- INLAID - 5" YELLOW
13. PREFORMED PLASTIC TYPE B- INLAID - 5" WHITE
14. PREFORMED PLASTIC TYPE B- INLAID - 6" WHITE
15. PREFORMED PLASTIC TYPE B- INLAID - 24" WHITE

FILE NAME = c:\pw_work\PWIDOT\LAUGHLINRL\dms47710\D572C35-sht plan-r14.dgn	USER NAME = laughlinrl	DESIGNED -	REVISED -
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		DATE -	REVISED -

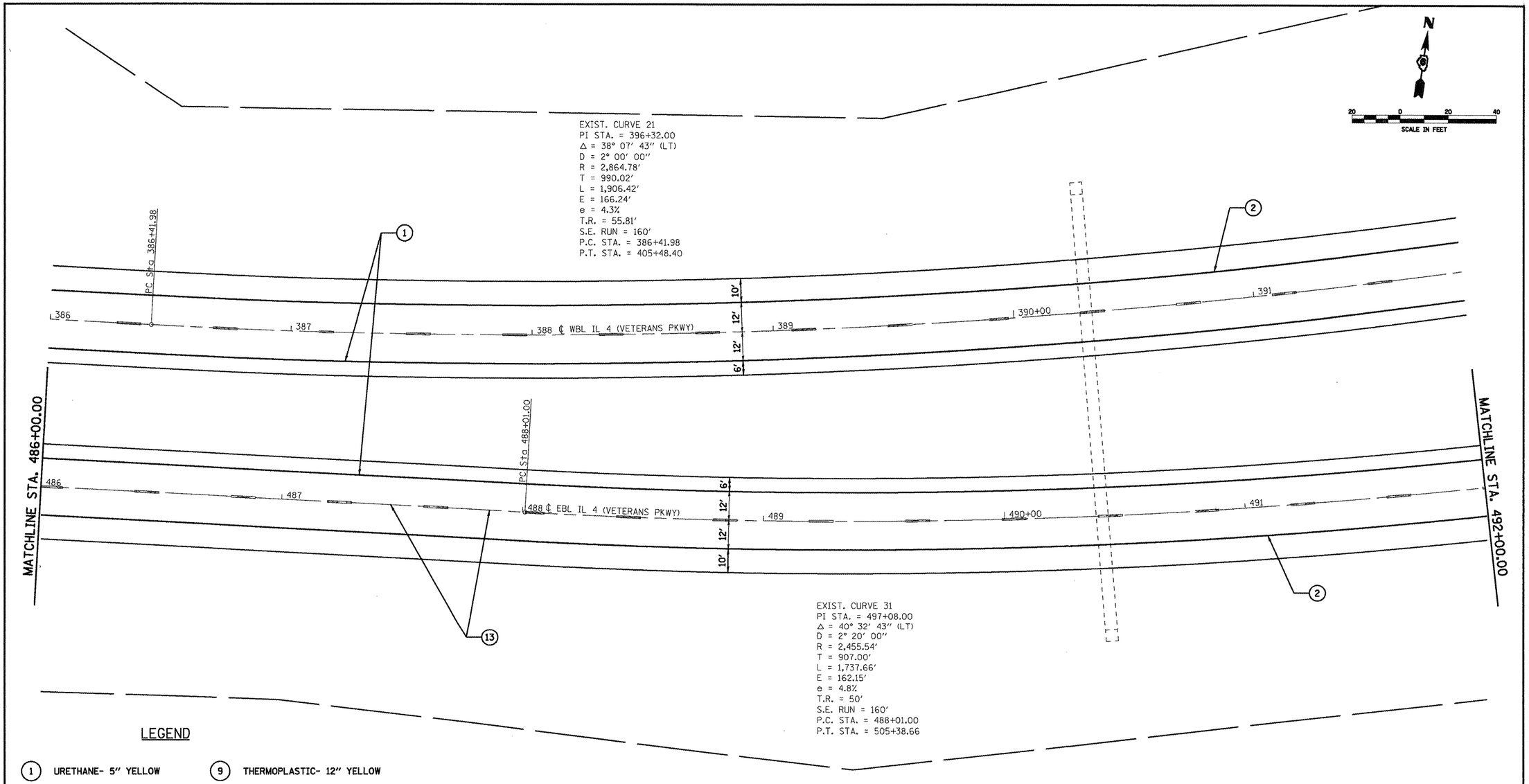
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN VIEW - SECTION "B" (IL 4 /VETERANS PKWY)

SCALE: | SHEET NO. 18 OF 20 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	•	SANGAMON	206	102
		CONTRACT NO. 72C35		
		ILLINOIS FED. AID PROJECT		

• I-(RS,TS-1)27RS-6;79Z&102RS-4



LEGEND

1. URETHANE- 5″ YELLOW
2. URETHANE- 5″ WHITE
3. URETHANE- 8″ WHITE
4. URETHANE- 12″ YELLOW
5. URETHANE-12″ WHITE
6. THERMOPLASTIC- 5″ YELLOW
7. THERMOPLASTIC- 5″ WHITE
8. THERMOPLASTIC- 8″ WHITE
9. THERMOPLASTIC- 12″ YELLOW
10. THERMOPLASTIC- 12″ WHITE
11. PREFORMED PLASTIC TYPE B- INLAID- LETTERS AND SYMBOLS
12. PREFORMED PLASTIC TYPE B- INLAID - 5″ YELLOW
13. PREFORMED PLASTIC TYPE B- INLAID - 5″ WHITE
14. PREFORMED PLASTIC TYPE B- INLAID - 6″ WHITE
15. PREFORMED PLASTIC TYPE B- INLAID - 24″ WHITE

FILE NAME = c:\pw_work\PWIDOT\LAUGHLINRL\dms47710\D872C35-sht plan-114.dgn	USER NAME = laughlinrl	DESIGNED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN VIEW - SECTION "B" (IL 4 /VETERANS PKWY)

SCALE: | SHEET NO. 19 OF 20 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	103

CONTRACT NO. 72C35

ILLINOIS FED. AID PROJECT

* 1-I(RS,TS-1)27RS-6;79Z&102RS-4

EXIST. CURVE 21
PI STA. = 396+32.00
Δ = 38° 07′ 43″ (LT)
D = 2° 00′ 00″
R = 2,864.78′
T = 990.02′
L = 1,906.42′
E = 166.24′
e = 4.3%
T.R. = 55.81′
S.E. RUN = 160′
P.C. STA. = 386+41.98
P.T. STA. = 405+48.40

N

20 0 20 40
SCALE IN FEET

END PROJECT
STA 394+69.00 (SB)

13

2

10′
12′
12′
6′

392 393 394 395+00 ℄ WBL IL 4 (VETERANS PKWY) 396 397

1

2

5

3

+00.98
12.00′ LT

+52.09
12.00′ LT

MATCHLINE STA. 492+00.00

492 493 494 495+00 ℄ EBL IL 4 (VETERANS PKWY) 496 497

+59

+61

14′

12′

12′

20′ C-C
(TYP)

+93.59
12.00′ RT

+70.76
12.00′ RT

12′
12′
12′
4′

END PROJECT
STA 494+93.00 (NB)

15

EXIST. CURVE 31
PI STA. = 497+08.00
Δ = 40° 32′ 43″ (LT)
D = 2° 20′ 00″
R = 2,455.54′
T = 907.00′
L = 1,737.66′
E = 162.15′
e = 4.8%
T.R. = 50′
S.E. RUN = 160′
P.C. STA. = 488+01.00
P.T. STA. = 505+38.66

LEGEND

1. URETHANE- 5″ YELLOW
2. URETHANE- 5″ WHITE
3. URETHANE- 8″ WHITE
4. URETHANE- 12″ YELLOW
5. URETHANE-12″ WHITE
6. THERMOPLASTIC- 5″ YELLOW
7. THERMOPLASTIC- 5″ WHITE
8. THERMOPLASTIC- 8″ WHITE
9. THERMOPLASTIC- 12″ YELLOW
10. THERMOPLASTIC- 12″ WHITE
11. PREFORMED PLASTIC TYPE B- INLAID- LETTERS AND SYMBOLS
12. PREFORMED PLASTIC TYPE B- INLAID - 5″ YELLOW
13. PREFORMED PLASTIC TYPE B- INLAID - 5″ WHITE
14. PREFORMED PLASTIC TYPE B- INLAID - 6″ WHITE
15. PREFORMED PLASTIC TYPE B- INLAID - 24″ WHITE

FILE NAME = c:\pw_work\PWIDOT\LAUGHLINRL\dms47710\D72C35-sht plan-i14.dgn	USER NAME = laughlinrl	DESIGNED -	REVISED -
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	PLOT DATE = Apr-30-2010 02:34:13PM	DATE -	REVISED -

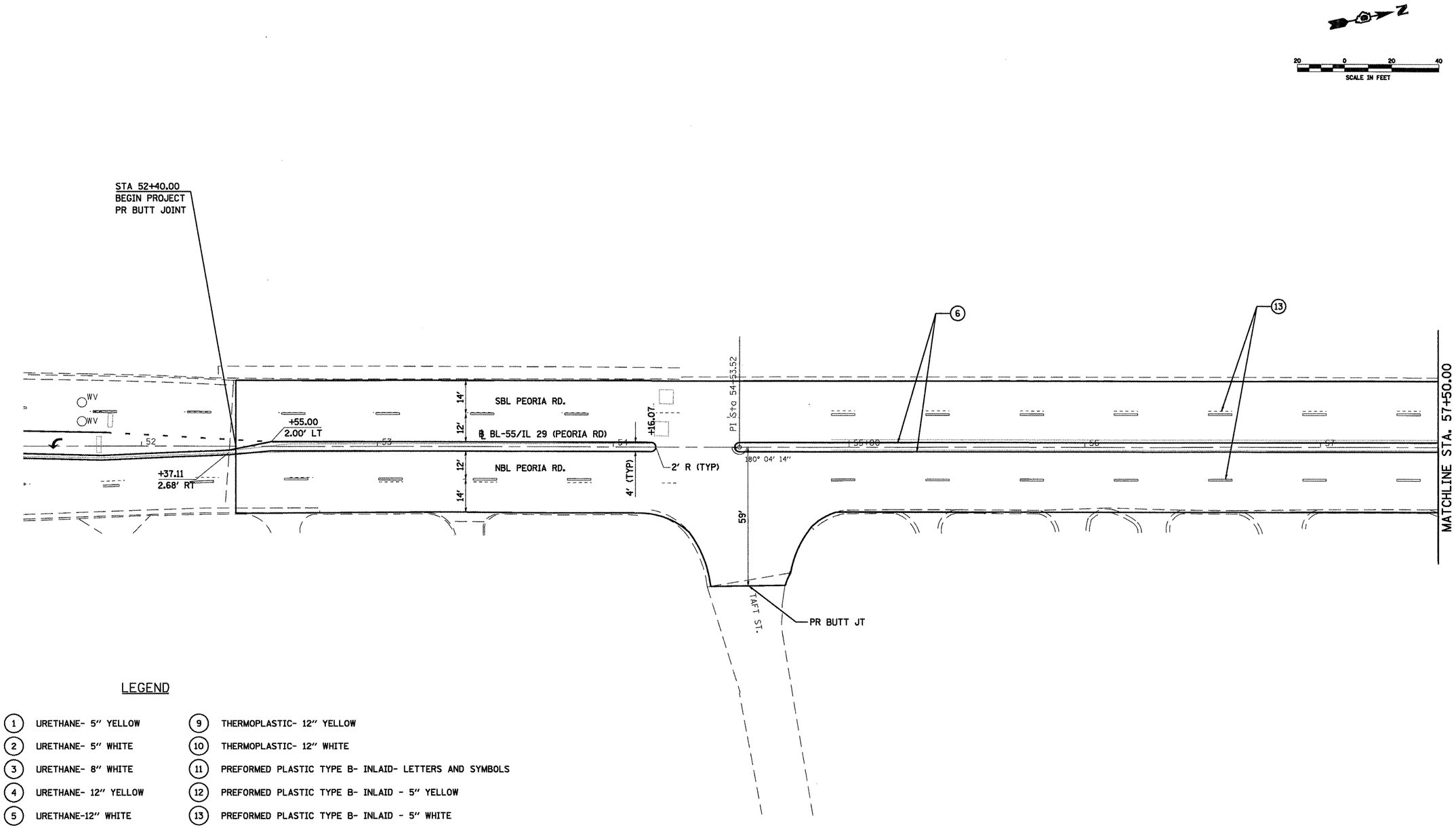
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN VIEW - SECTION "B" (IL 4 /VETERANS PKWY)

SCALE: | SHEET NO. 20 OF 20 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	104
		CONTRACT NO. 72C35		
		ILLINOIS FED. AID PROJECT		

* 1-1(RS,TS-1)27RS-6,79Z&102RS-4



LEGEND

1. URETHANE- 5" YELLOW
2. URETHANE- 5" WHITE
3. URETHANE- 8" WHITE
4. URETHANE- 12" YELLOW
5. URETHANE-12" WHITE
6. THERMOPLASTIC- 5" YELLOW
7. THERMOPLASTIC- 5" WHITE
8. THERMOPLASTIC- 8" WHITE
9. THERMOPLASTIC- 12" YELLOW
10. THERMOPLASTIC- 12" WHITE
11. PREFORMED PLASTIC TYPE B- INLAID- LETTERS AND SYMBOLS
12. PREFORMED PLASTIC TYPE B- INLAID - 5" YELLOW
13. PREFORMED PLASTIC TYPE B- INLAID - 5" WHITE
14. PREFORMED PLASTIC TYPE B- INLAID - 6" WHITE
15. PREFORMED PLASTIC TYPE B- INLAID - 24" WHITE

FILE NAME = c:\pw_work\PWIDOT\LAUGHLINRL\dms47710\D572C35-SHT-plan-peoriardbl.dgn	USER NAME = laughlinrl	DESIGNED -	REVISED -
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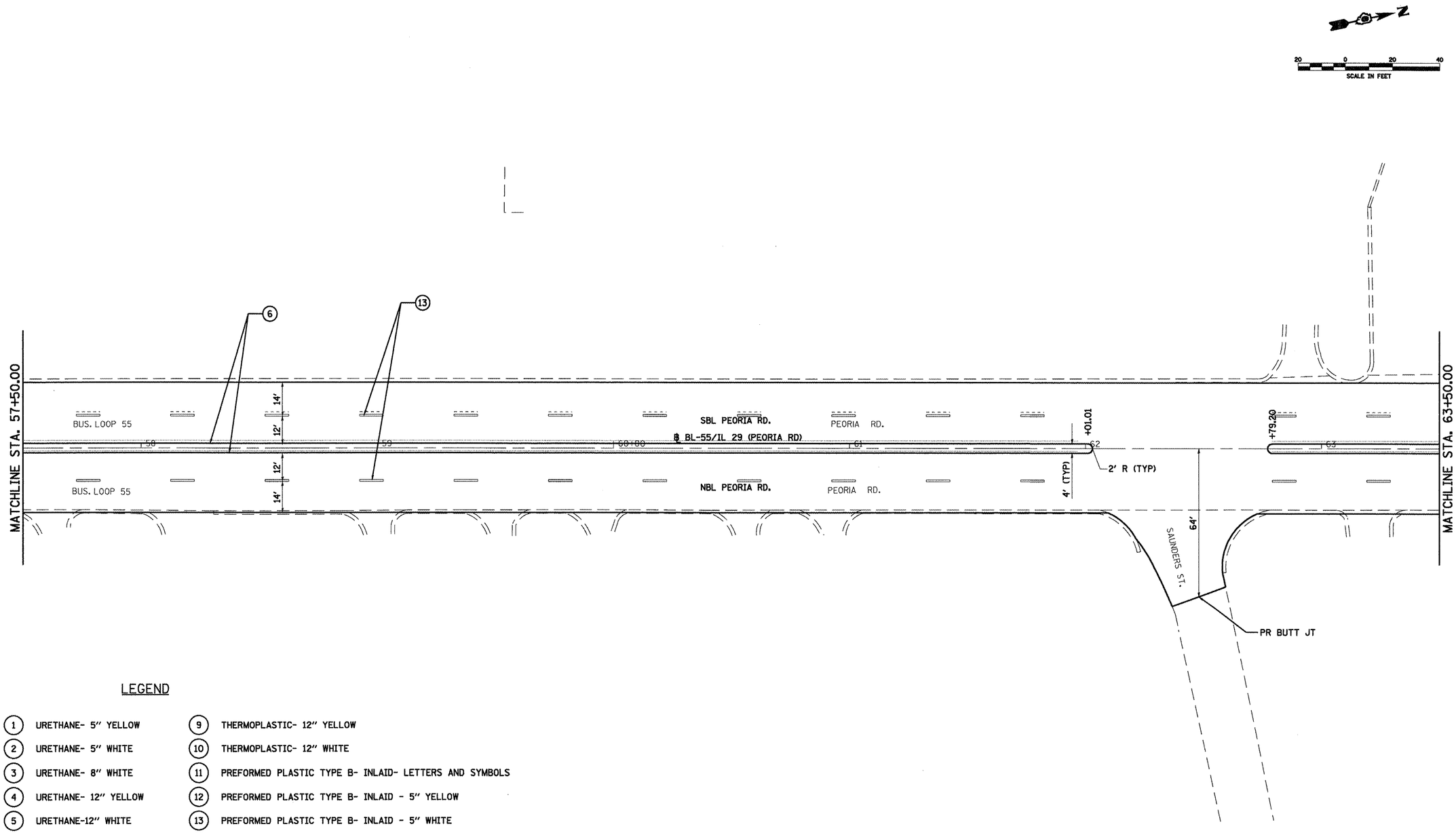
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET – SECTION "C" (PEORIA RD.)

SCALE: | SHEET NO. 1 OF 13 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	105
		CONTRACT NO. 72C35		
		ILLINOIS	FED. AID PROJECT	

* 1-I(RS,TS-1)27RS-6;79Z&102RS-4

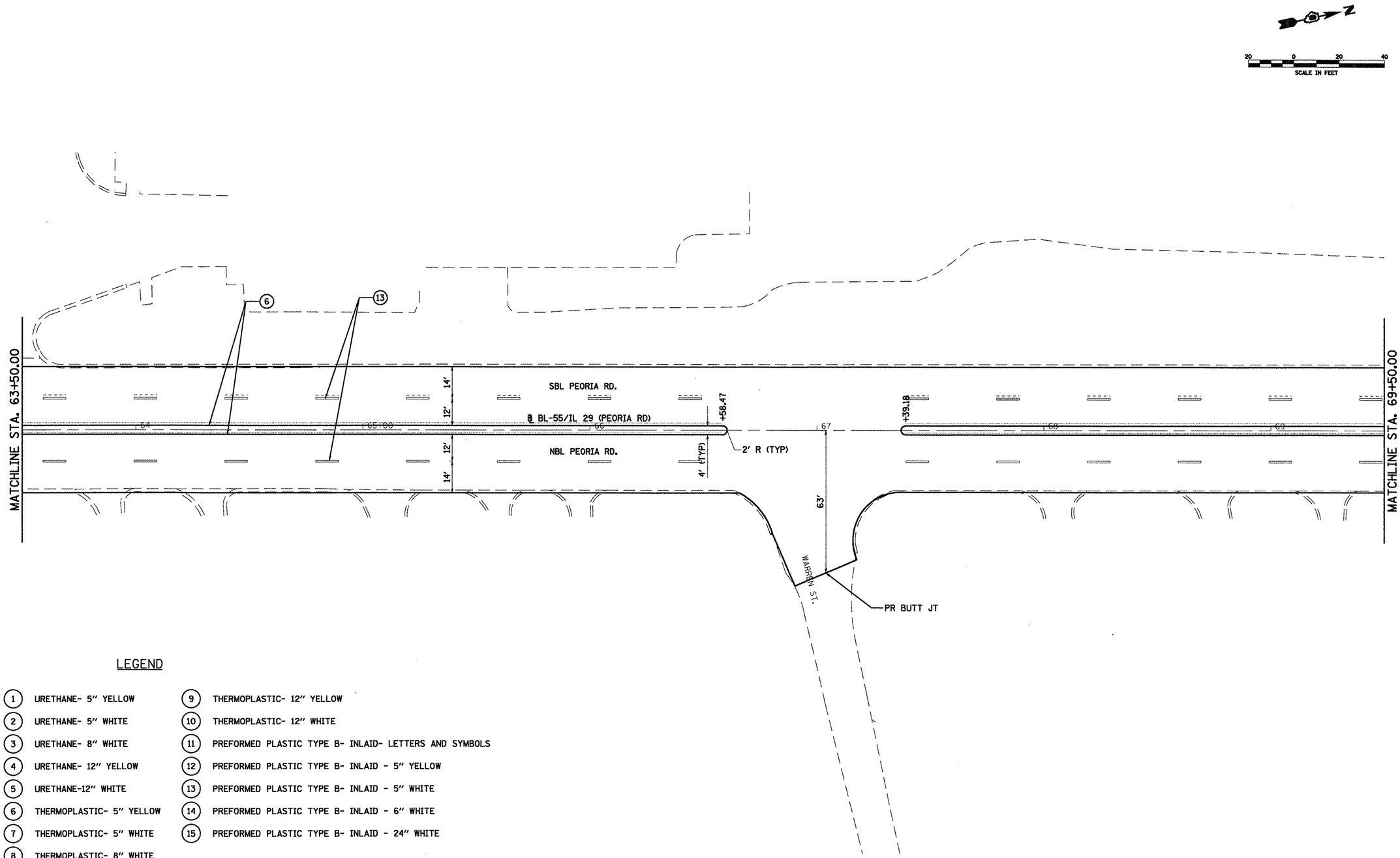


LEGEND

1. URETHANE- 5" YELLOW
2. URETHANE- 5" WHITE
3. URETHANE- 8" WHITE
4. URETHANE- 12" YELLOW
5. URETHANE-12" WHITE
6. THERMOPLASTIC- 5" YELLOW
7. THERMOPLASTIC- 5" WHITE
8. THERMOPLASTIC- 8" WHITE
9. THERMOPLASTIC- 12" YELLOW
10. THERMOPLASTIC- 12" WHITE
11. PREFORMED PLASTIC TYPE B- INLAID- LETTERS AND SYMBOLS
12. PREFORMED PLASTIC TYPE B- INLAID - 5" YELLOW
13. PREFORMED PLASTIC TYPE B- INLAID - 5" WHITE
14. PREFORMED PLASTIC TYPE B- INLAID - 6" WHITE
15. PREFORMED PLASTIC TYPE B- INLAID - 24" WHITE

FILE NAME = c:\pw_work\PWIDOT\LAUGHLINRL\dms47710\D72C35-SHT-plan-peoriardbl.dgn	USER NAME = laughlinrl	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET - SECTION "C" (PEORIA RD.)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000 ' / IN.	DRAWN -	REVISED -			658	*	SANGAMON	206	106
	PLOT DATE = Apr-30-2010 02:34:21PM	CHECKED -	REVISED -					CONTRACT NO. 72C35		
		DATE -	REVISED -		SCALE: SHEET NO. 2 OF 13 SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT		

* I-1(RS,TS-1)27RS-6;79Z&102RS-4



LEGEND

1. URETHANE- 5" YELLOW
2. URETHANE- 5" WHITE
3. URETHANE- 8" WHITE
4. URETHANE- 12" YELLOW
5. URETHANE-12" WHITE
6. THERMOPLASTIC- 5" YELLOW
7. THERMOPLASTIC- 5" WHITE
8. THERMOPLASTIC- 8" WHITE
9. THERMOPLASTIC- 12" YELLOW
10. THERMOPLASTIC- 12" WHITE
11. PREFORMED PLASTIC TYPE B- INLAID- LETTERS AND SYMBOLS
12. PREFORMED PLASTIC TYPE B- INLAID - 5" YELLOW
13. PREFORMED PLASTIC TYPE B- INLAID - 5" WHITE
14. PREFORMED PLASTIC TYPE B- INLAID - 6" WHITE
15. PREFORMED PLASTIC TYPE B- INLAID - 24" WHITE

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		DATE -	REVISED -

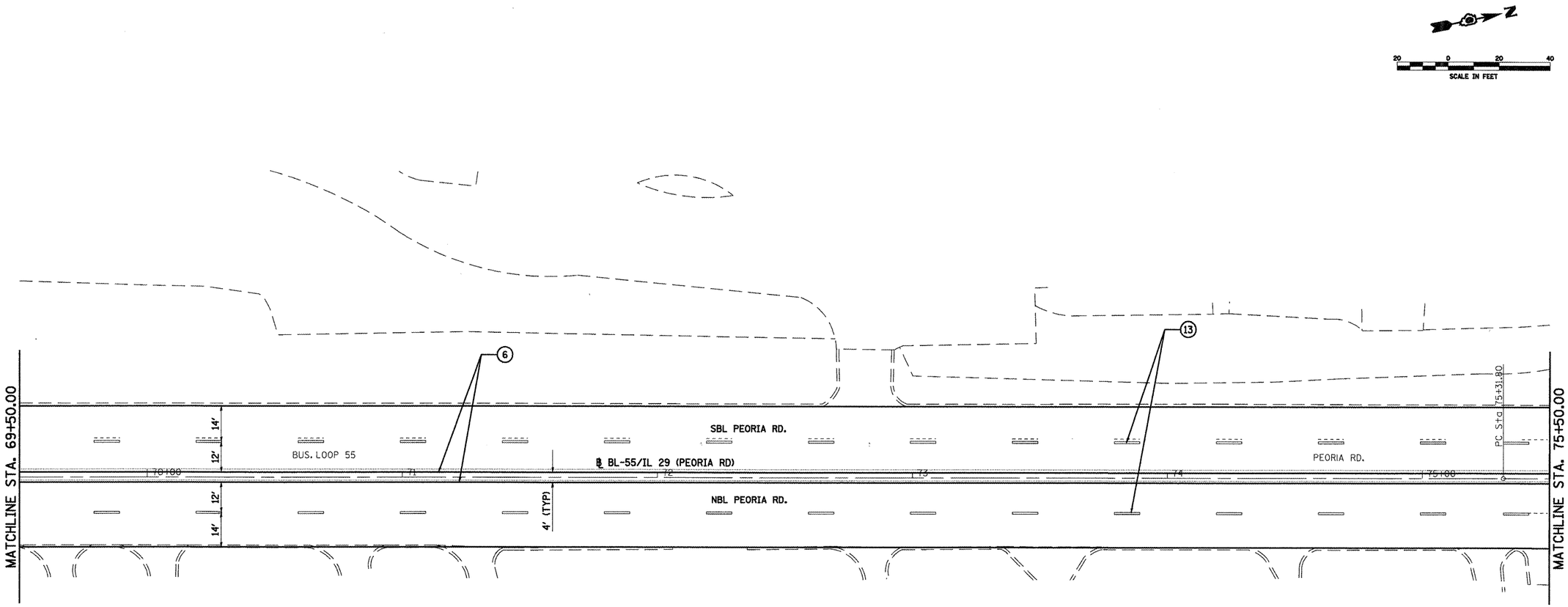
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET – SECTION "C" (PEORIA RD.)

SCALE: | SHEET NO. 3 OF 13 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	•	SANGAMON	206	107
		CONTRACT NO. 72C35		
	ILLINOIS	FED. AID PROJECT		

• 1-I(RS,TS-1)27RS-6,79Z&102RS-4



LEGEND

1. URETHANE- 5" YELLOW
2. URETHANE- 5" WHITE
3. URETHANE- 8" WHITE
4. URETHANE- 12" YELLOW
5. URETHANE-12" WHITE
6. THERMOPLASTIC- 5" YELLOW
7. THERMOPLASTIC- 5" WHITE
8. THERMOPLASTIC- 8" WHITE
9. THERMOPLASTIC- 12" YELLOW
10. THERMOPLASTIC- 12" WHITE
11. PREFORMED PLASTIC TYPE B- INLAID- LETTERS AND SYMBOLS
12. PREFORMED PLASTIC TYPE B- INLAID - 5" YELLOW
13. PREFORMED PLASTIC TYPE B- INLAID - 5" WHITE
14. PREFORMED PLASTIC TYPE B- INLAID - 6" WHITE
15. PREFORMED PLASTIC TYPE B- INLAID - 24" WHITE

FILE NAME = c:\pw_work\PWIDOT\LAUGHLINRL\dms47710\D72C35-SHT-plan-peoriardbl.dgn	USER NAME = laughlinrl	DESIGNED -	REVISED -
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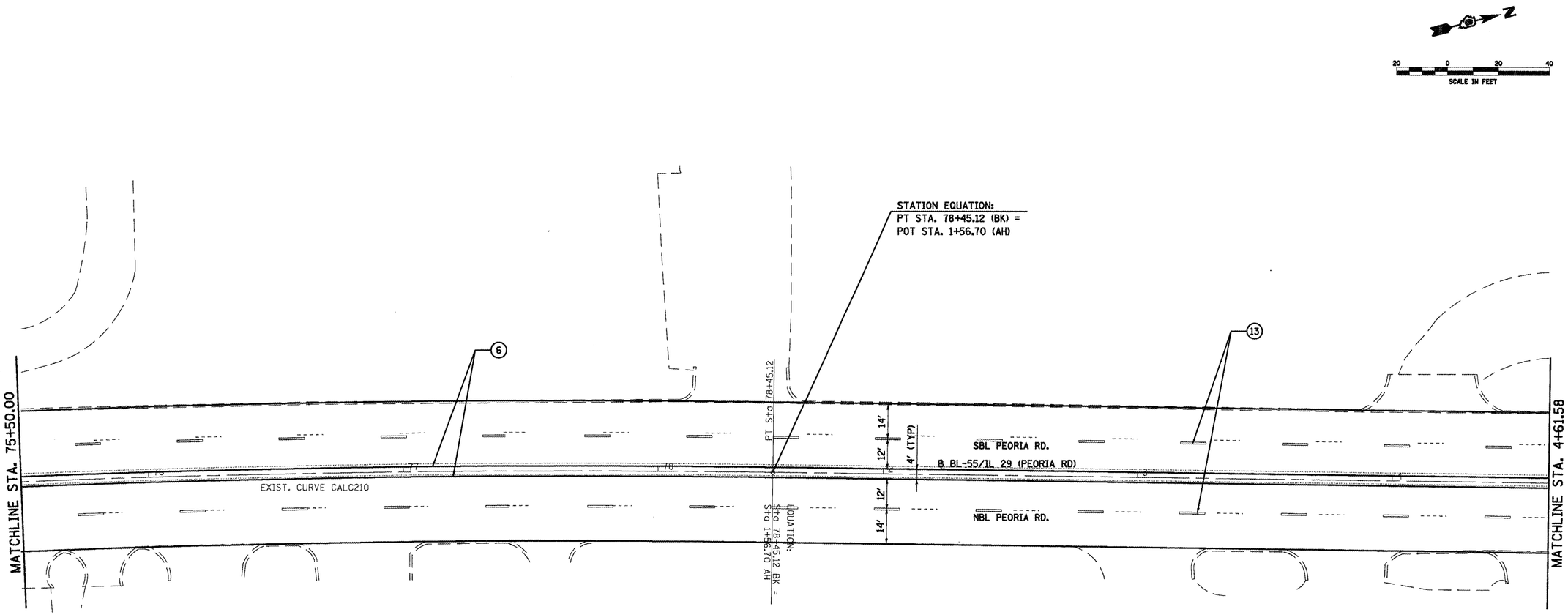
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET – SECTION "C" (PEORIA RD.)

SCALE: | SHEET NO. 4 OF 13 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	108
		CONTRACT NO. 72C35		
		ILLINOIS FED. AID PROJECT		

* 1-1(RS,TS-1)27RS-6;79Z&102RS-4



EXIST. CURVE CALC210
PI STA. = 76+88.50
Δ = 3° 06′ 23″ (RT)
D = 0° 59′ 29″
R = 5,779.03′
T = 156.70′
L = 313.32′
E = 2.12′
e = 2.6%
T.R. = 92.31′
S.E. RUN = 160′
P.C. STA. = 75+31.80
P.T. STA. = 78+45.12

LEGEND

1. URETHANE- 5″ YELLOW
2. URETHANE- 5″ WHITE
3. URETHANE- 8″ WHITE
4. URETHANE- 12″ YELLOW
5. URETHANE-12″ WHITE
6. THERMOPLASTIC- 5″ YELLOW
7. THERMOPLASTIC- 5″ WHITE
8. THERMOPLASTIC- 8″ WHITE
9. THERMOPLASTIC- 12″ YELLOW
10. THERMOPLASTIC- 12″ WHITE
11. PREFORMED PLASTIC TYPE B- INLAID- LETTERS AND SYMBOLS
12. PREFORMED PLASTIC TYPE B- INLAID - 5″ YELLOW
13. PREFORMED PLASTIC TYPE B- INLAID - 5″ WHITE
14. PREFORMED PLASTIC TYPE B- INLAID - 6″ WHITE
15. PREFORMED PLASTIC TYPE B- INLAID - 24″ WHITE

FILE NAME = c:\pw_work\PWIDOT\LAUGHLINRL\dms47710\D572C35-SHT-plan-peoriardbl.dgn	USER NAME = laughlinrl	DESIGNED -	REVISED -
		DRAWN -	REVISED -
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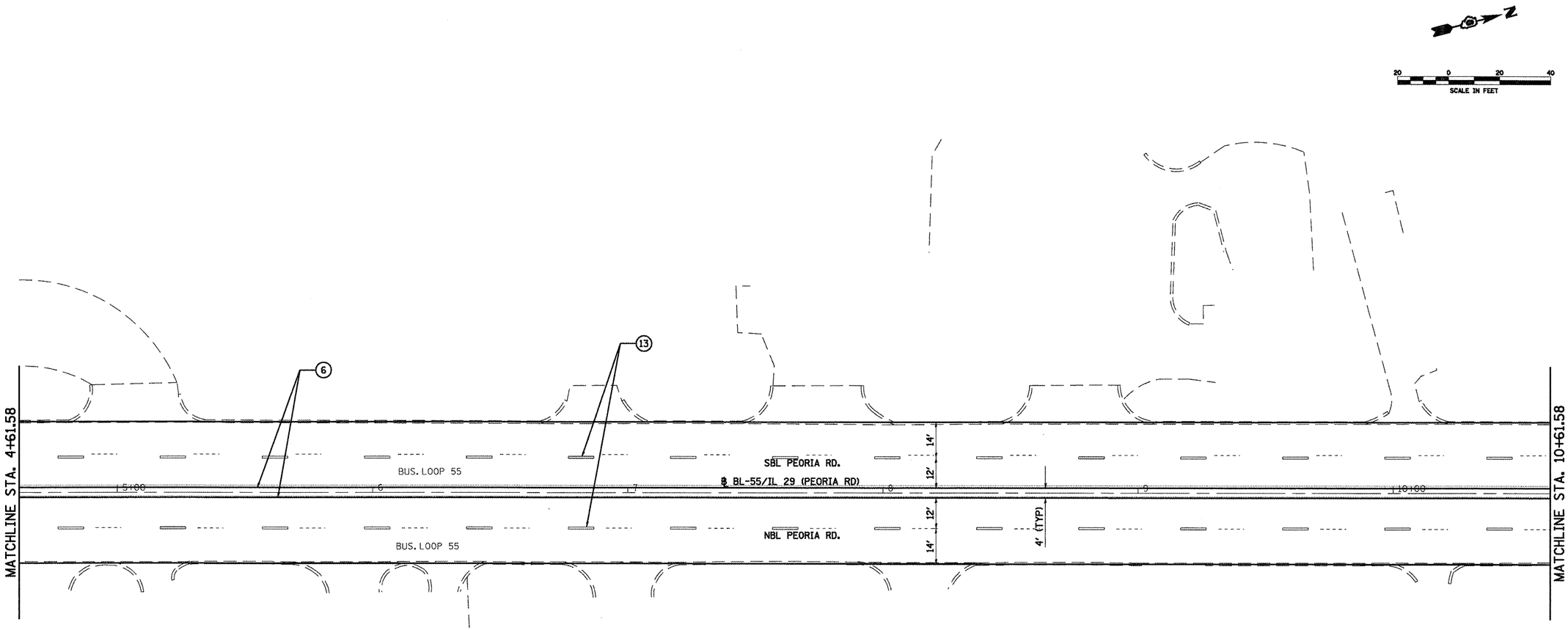
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET – SECTION "C" (PEORIA RD.)

SCALE: | SHEET NO. 5 OF 13 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	109
		CONTRACT NO. 72C35		
		ILLINOIS	FED. AID PROJECT	

* 1-I(RS,TS-1)27RS-6;T9Z&102RS-4

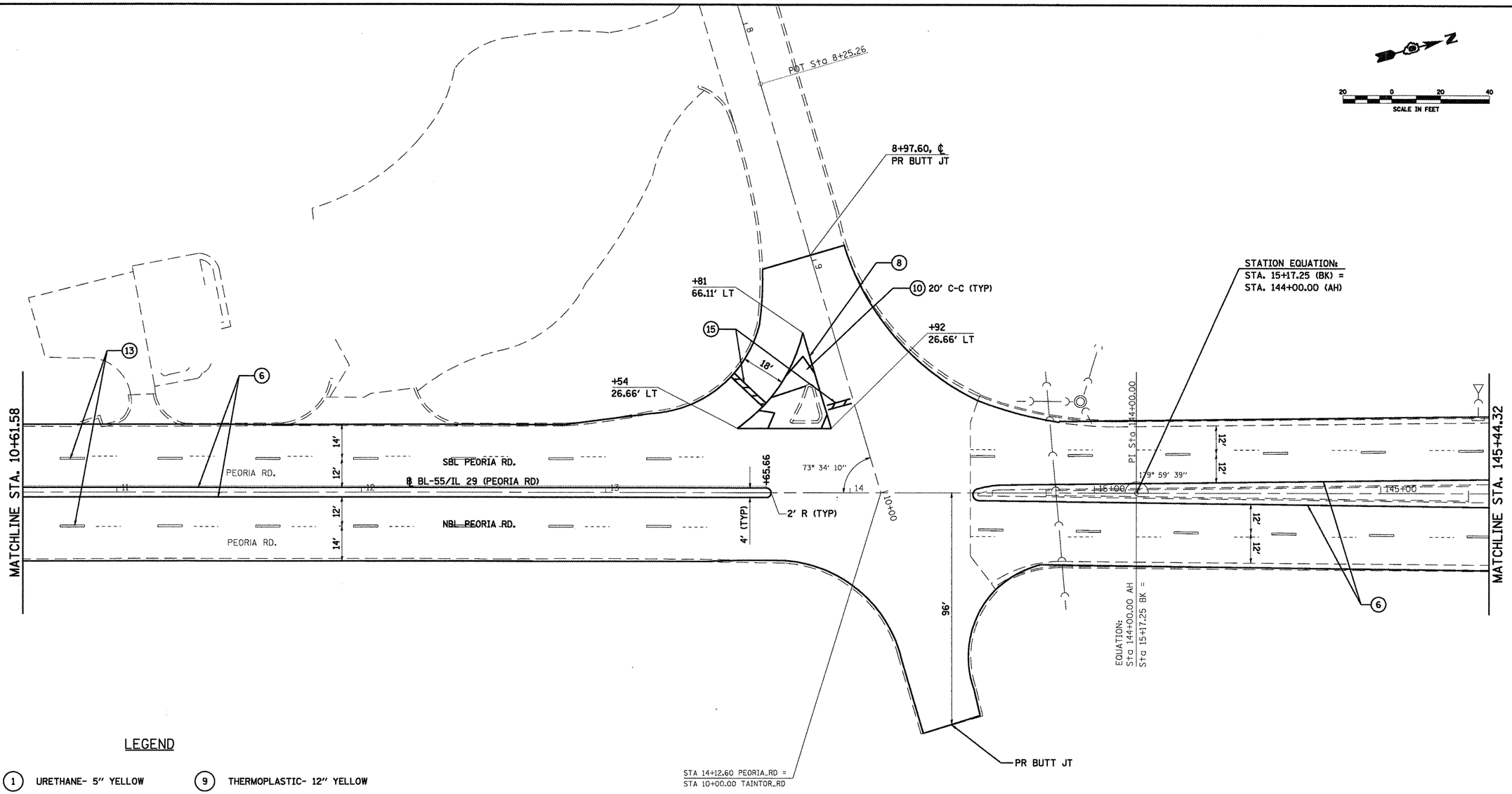


LEGEND

1. URETHANE- 5" YELLOW
2. URETHANE- 5" WHITE
3. URETHANE- 8" WHITE
4. URETHANE- 12" YELLOW
5. URETHANE-12" WHITE
6. THERMOPLASTIC- 5" YELLOW
7. THERMOPLASTIC- 5" WHITE
8. THERMOPLASTIC- 8" WHITE
9. THERMOPLASTIC- 12" YELLOW
10. THERMOPLASTIC- 12" WHITE
11. PREFORMED PLASTIC TYPE B- INLAID- LETTERS AND SYMBOLS
12. PREFORMED PLASTIC TYPE B- INLAID - 5" YELLOW
13. PREFORMED PLASTIC TYPE B- INLAID - 5" WHITE
14. PREFORMED PLASTIC TYPE B- INLAID - 6" WHITE
15. PREFORMED PLASTIC TYPE B- INLAID - 24" WHITE

FILE NAME = c:\pw_work\PWIDOT\LAUGHLINRL\dms47710\D572C35-SHT-plan-peoriardbl.dgn	USER NAME = laughlinrl	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET - SECTION "C" (PEORIA RD.)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			658	*	SANGAMON	206	110
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -			CONTRACT NO. 72C35				
	PLOT DATE = Apr-30-2010 02:34:36PM	DATE -	REVISED -		SCALE: SHEET NO. 6 OF 13 SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT				

* 1-(RS,TS-1)27RS-6;79Z&102RS-4



LEGEND

1. URETHANE- 5" YELLOW
2. URETHANE- 5" WHITE
3. URETHANE- 8" WHITE
4. URETHANE- 12" YELLOW
5. URETHANE-12" WHITE
6. THERMOPLASTIC- 5" YELLOW
7. THERMOPLASTIC- 5" WHITE
8. THERMOPLASTIC- 8" WHITE
9. THERMOPLASTIC- 12" YELLOW
10. THERMOPLASTIC- 12" WHITE
11. PREFORMED PLASTIC TYPE B- INLAID- LETTERS AND SYMBOLS
12. PREFORMED PLASTIC TYPE B- INLAID - 5" YELLOW
13. PREFORMED PLASTIC TYPE B- INLAID - 5" WHITE
14. PREFORMED PLASTIC TYPE B- INLAID - 6" WHITE
15. PREFORMED PLASTIC TYPE B- INLAID - 24" WHITE

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		DRAWN -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET – SECTION "C" (PEORIA RD.)

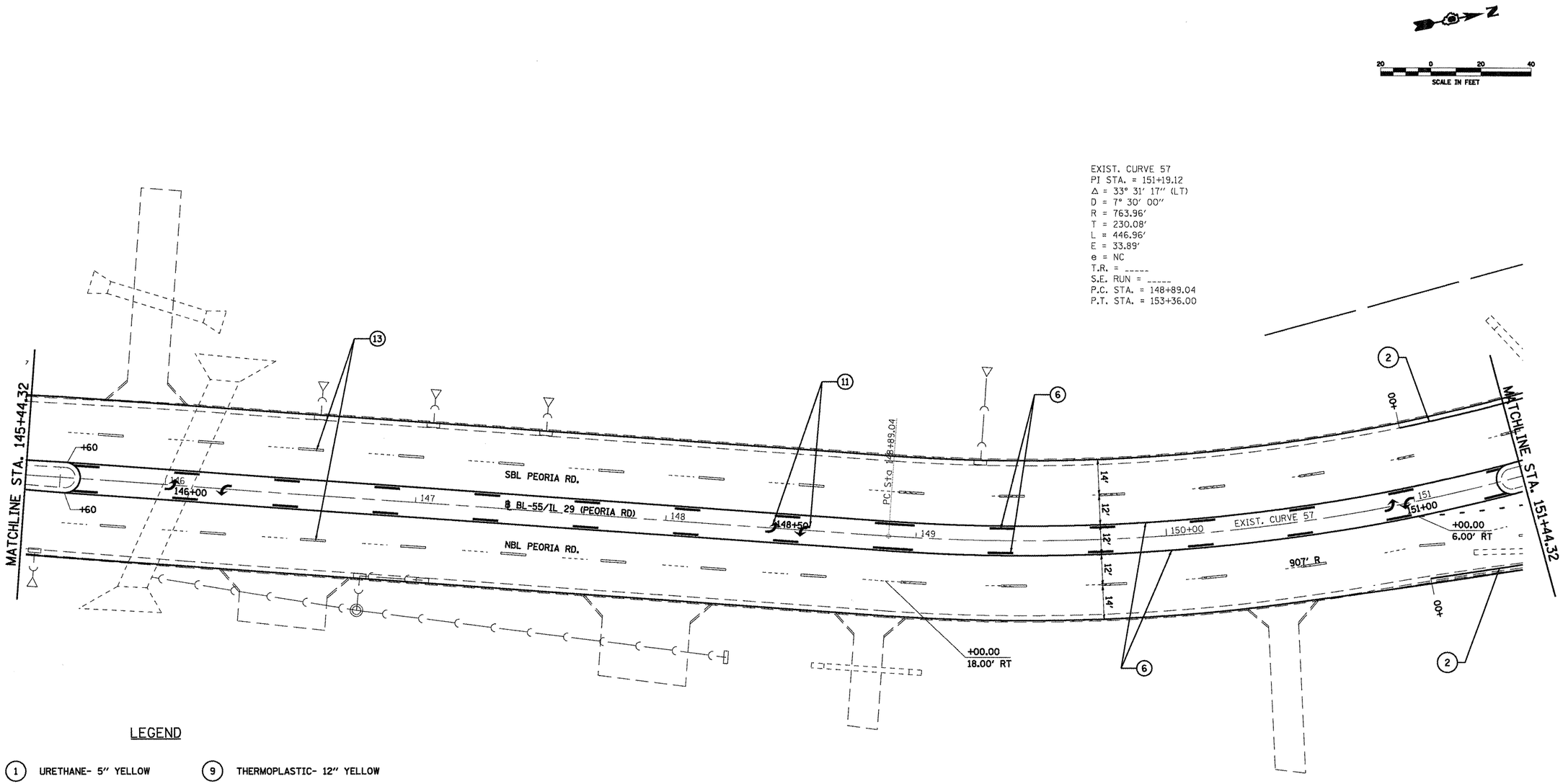
SCALE: | SHEET NO. 7 OF 13 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	111

CONTRACT NO. 72C35

ILLINOIS FED. AID PROJECT

* 1-I(RS,TS-1)27RS-6,79Z&102RS-4



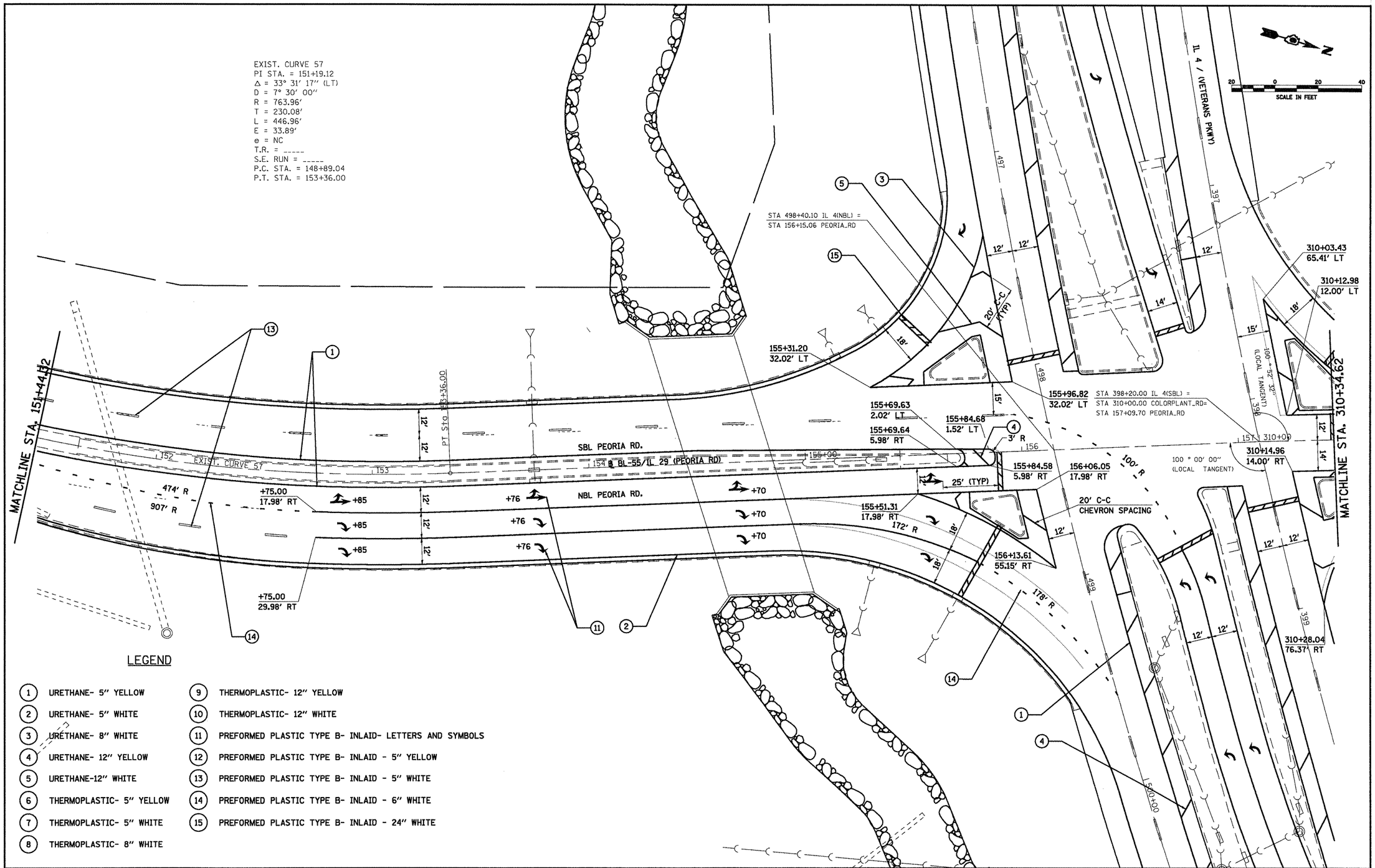
LEGEND

1. URETHANE- 5″ YELLOW
2. URETHANE- 5″ WHITE
3. URETHANE- 8″ WHITE
4. URETHANE- 12″ YELLOW
5. URETHANE-12″ WHITE
6. THERMOPLASTIC- 5″ YELLOW
7. THERMOPLASTIC- 5″ WHITE
8. THERMOPLASTIC- 8″ WHITE
9. THERMOPLASTIC- 12″ YELLOW
10. THERMOPLASTIC- 12″ WHITE
11. PREFORMED PLASTIC TYPE B- INLAID- LETTERS AND SYMBOLS
12. PREFORMED PLASTIC TYPE B- INLAID - 5″ YELLOW
13. PREFORMED PLASTIC TYPE B- INLAID - 5″ WHITE
14. PREFORMED PLASTIC TYPE B- INLAID - 6″ WHITE
15. PREFORMED PLASTIC TYPE B- INLAID - 24″ WHITE

FILE NAME = c:\pw_work\PWIDOT\LAUGHLINRL\dms47710\D72C35-SHT-plan-peoriardbl.dgn	USER NAME = laughlinrl	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET - SECTION "C" (PEORIA RD.)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000 ' / IN.	DRAWN -	REVISED -			658	•	SANGAMON	206	112
	PLOT DATE = Apr-30-2010 02:34:43PM	CHECKED -	REVISED -					CONTRACT NO. 72C35		
		DATE -	REVISED -		SCALE: SHEET NO. 8 OF 13 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		

• 1-1(RS,TS-1)27RS-6,79Z&102RS-4

EXIST. CURVE 57
PI STA. = 151+19.12
Δ = 33° 31′ 17″ (LT)
D = 7° 30′ 00″
R = 763.96′
T = 230.08′
L = 446.96′
E = 33.89′
e = NC
T.R. = _____
S.E. RUN = _____
P.C. STA. = 148+89.04
P.T. STA. = 153+36.00



LEGEND

1. URETHANE- 5″ YELLOW
2. URETHANE- 5″ WHITE
3. URETHANE- 8″ WHITE
4. URETHANE- 12″ YELLOW
5. URETHANE-12″ WHITE
6. THERMOPLASTIC- 5″ YELLOW
7. THERMOPLASTIC- 5″ WHITE
8. THERMOPLASTIC- 8″ WHITE
9. THERMOPLASTIC- 12″ YELLOW
10. THERMOPLASTIC- 12″ WHITE
11. PREFORMED PLASTIC TYPE B- INLAID- LETTERS AND SYMBOLS
12. PREFORMED PLASTIC TYPE B- INLAID - 5″ YELLOW
13. PREFORMED PLASTIC TYPE B- INLAID - 5″ WHITE
14. PREFORMED PLASTIC TYPE B- INLAID - 6″ WHITE
15. PREFORMED PLASTIC TYPE B- INLAID - 24″ WHITE

FILE NAME = c:\pw_work\PWIDOT\LAUGHLINRL\dms47710\D72C35-SHT-plan-peoriardbl.dgn	USER NAME = laughlinrl	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ′ / IN.	CHECKED -	REVISED -
	PLOT DATE = Apr-30-2010 02:34:47PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET – SECTION "C" (PEORIA RD.)

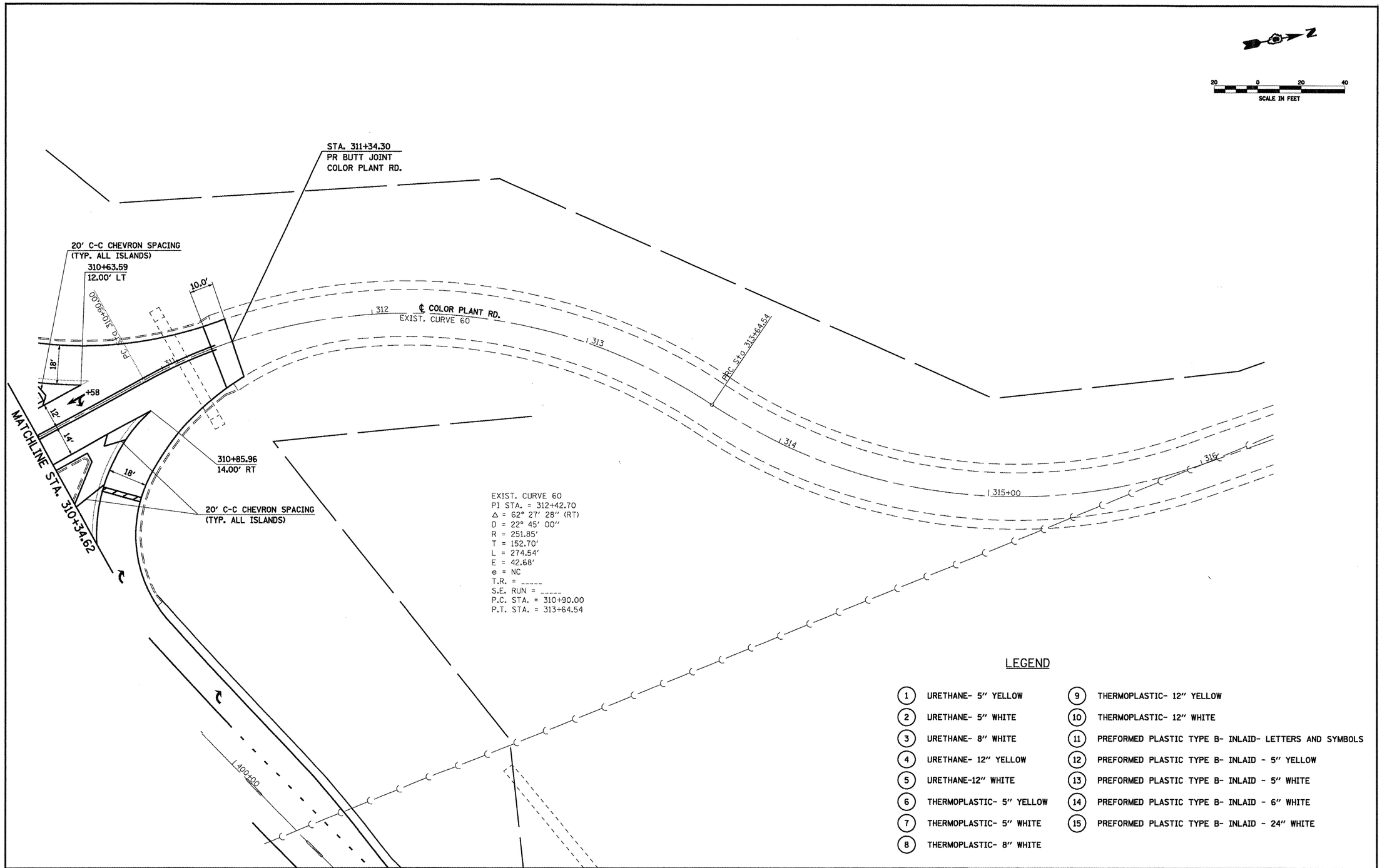
SCALE: | SHEET NO. 9 OF 13 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	•	SANGAMON	206	1113

CONTRACT NO. 72C35

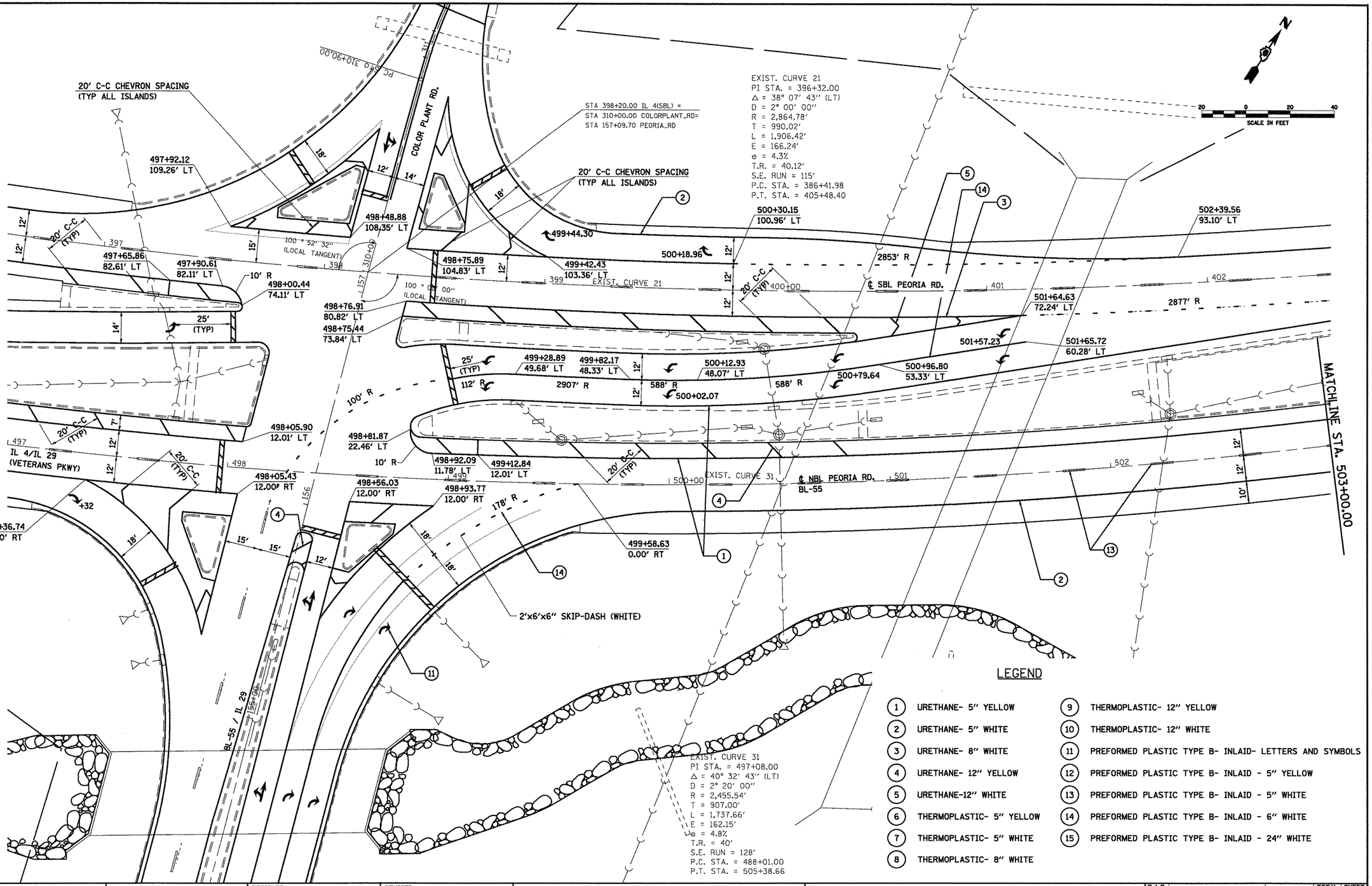
ILLINOIS FED. AID PROJECT

• 1-1(RS,TS-1)27RS-6,79Z&102RS-4



FILE NAME = c:\pw_work\PWIDOT\LAUGHLINRL\dms47710\D72C35-SHT-plan-peoriardbl.dgn	USER NAME = laughlinrl	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET - SECTION "C" (PEORIA RD.)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000 ' / IN.	DRAWN -	REVISED -			658	*	SANGAMON	206	114
	PLOT DATE = Apr-30-2010 02:34:52PM	CHECKED -	REVISED -					CONTRACT NO. 72C35		
		DATE -	REVISED -		SCALE: SHEET NO. 10 OF 13 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		

* 1-1(RS,TS-1)27RS-6,79Z&102RS-4



LEGEND

1. URETHANE- 5" YELLOW
2. URETHANE- 5" WHITE
3. URETHANE- 8" WHITE
4. URETHANE- 12" YELLOW
5. URETHANE-12" WHITE
6. THERMOPLASTIC- 5" YELLOW
7. THERMOPLASTIC- 5" WHITE
8. THERMOPLASTIC- 8" WHITE
9. THERMOPLASTIC- 12" YELLOW
10. THERMOPLASTIC- 12" WHITE
11. PREFORMED PLASTIC TYPE B- INLAID- LETTERS AND SYMBOLS
12. PREFORMED PLASTIC TYPE B- INLAID - 5" YELLOW
13. PREFORMED PLASTIC TYPE B- INLAID - 5" WHITE
14. PREFORMED PLASTIC TYPE B- INLAID - 6" WHITE
15. PREFORMED PLASTIC TYPE B- INLAID - 24" WHITE

FILE NAME = c:\pw_work\PWIDOT\LAUGHLINRL\dms47710\D372C35-SHT-plan-peoriardb1.dgn	USER NAME = laughlinrl	DESIGNED -	REVISED -
	PLOT SCALE = 40.0000 ' / IN.	DRAWN -	REVISED -
	PLOT DATE = Apr-30-2010 02:34:55PM	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET – SECTION "C" (PEORIA RD.)

SCALE: | SHEET NO. 11 OF 13 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	115

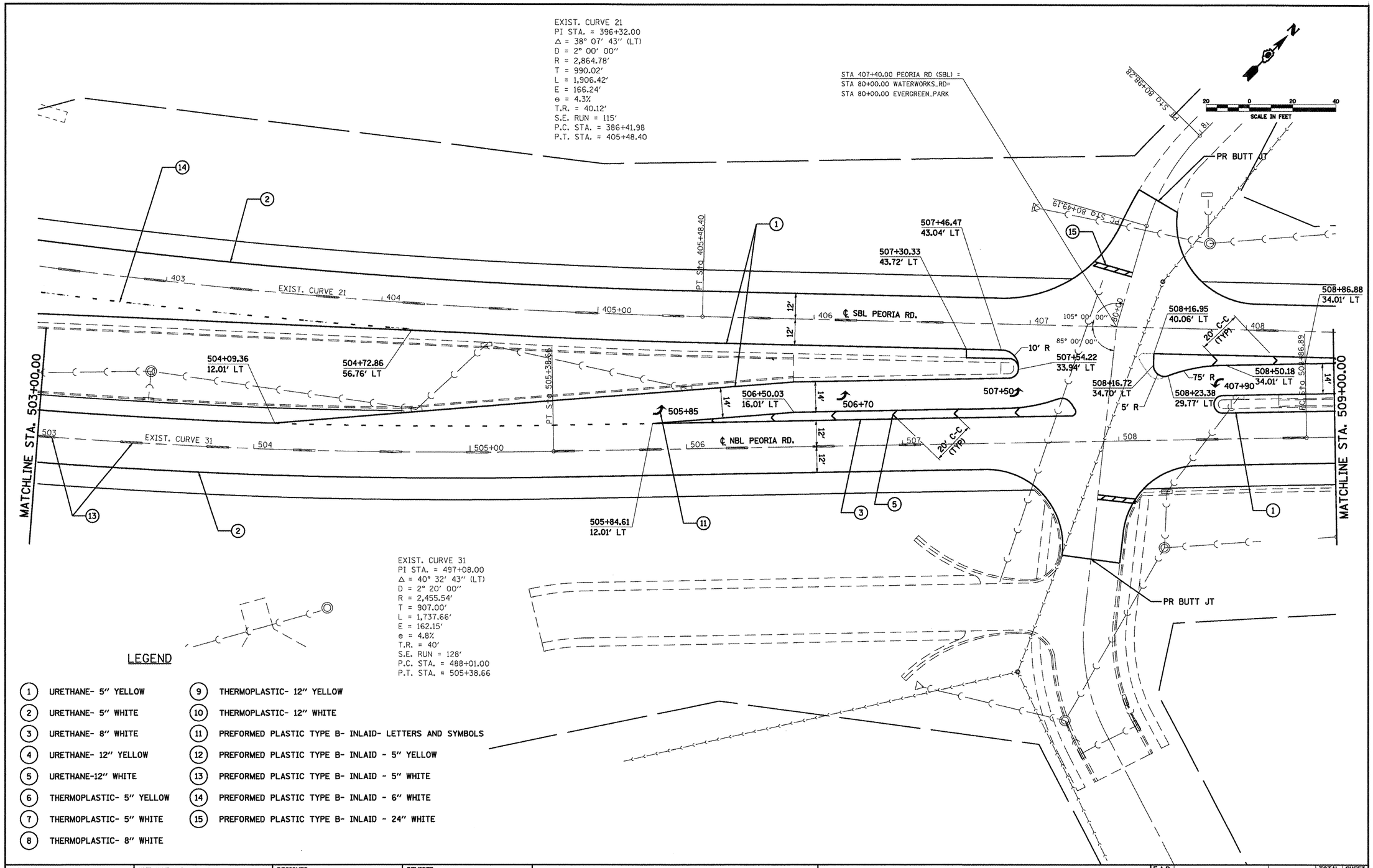
CONTRACT NO. 72C35

ILLINOIS FED. AID PROJECT

* 1-1(RS,TS-1)27RS-6,79Z&102RS-4

EXIST. CURVE 21
PI STA. = 396+32.00
Δ = 38° 07′ 43″ (LT)
D = 2° 00′ 00″
R = 2,864.78′
T = 990.02′
L = 1,906.42′
E = 166.24′
e = 4.3%
T.R. = 40.12′
S.E. RUN = 115′
P.C. STA. = 386+41.98
P.T. STA. = 405+48.40

STA 407+40.00 PEORIA RD (SBL) =
STA 80+00.00 WATERWORKS_RD=
STA 80+00.00 EVERGREEN_PARK



EXIST. CURVE 31
PI STA. = 497+08.00
Δ = 40° 32′ 43″ (LT)
D = 2° 20′ 00″
R = 2,455.54′
T = 907.00′
L = 1,737.66′
E = 162.15′
e = 4.8%
T.R. = 40′
S.E. RUN = 128′
P.C. STA. = 488+01.00
P.T. STA. = 505+38.66

LEGEND

1. URETHANE- 5″ YELLOW
2. URETHANE- 5″ WHITE
3. URETHANE- 8″ WHITE
4. URETHANE- 12″ YELLOW
5. URETHANE-12″ WHITE
6. THERMOPLASTIC- 5″ YELLOW
7. THERMOPLASTIC- 5″ WHITE
8. THERMOPLASTIC- 8″ WHITE
9. THERMOPLASTIC- 12″ YELLOW
10. THERMOPLASTIC- 12″ WHITE
11. PREFORMED PLASTIC TYPE B- INLAID- LETTERS AND SYMBOLS
12. PREFORMED PLASTIC TYPE B- INLAID - 5″ YELLOW
13. PREFORMED PLASTIC TYPE B- INLAID - 5″ WHITE
14. PREFORMED PLASTIC TYPE B- INLAID - 6″ WHITE
15. PREFORMED PLASTIC TYPE B- INLAID - 24″ WHITE

FILE NAME = c:\pw_work\PWIDOT\LAUGHLINRL\dms47710\D72C35-SHT-plan-peoriardb1.dgn	USER NAME = laughlinrl	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ′ / IN.	CHECKED -	REVISED -
	PLOT DATE = Apr-30-2010 02:35:02PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

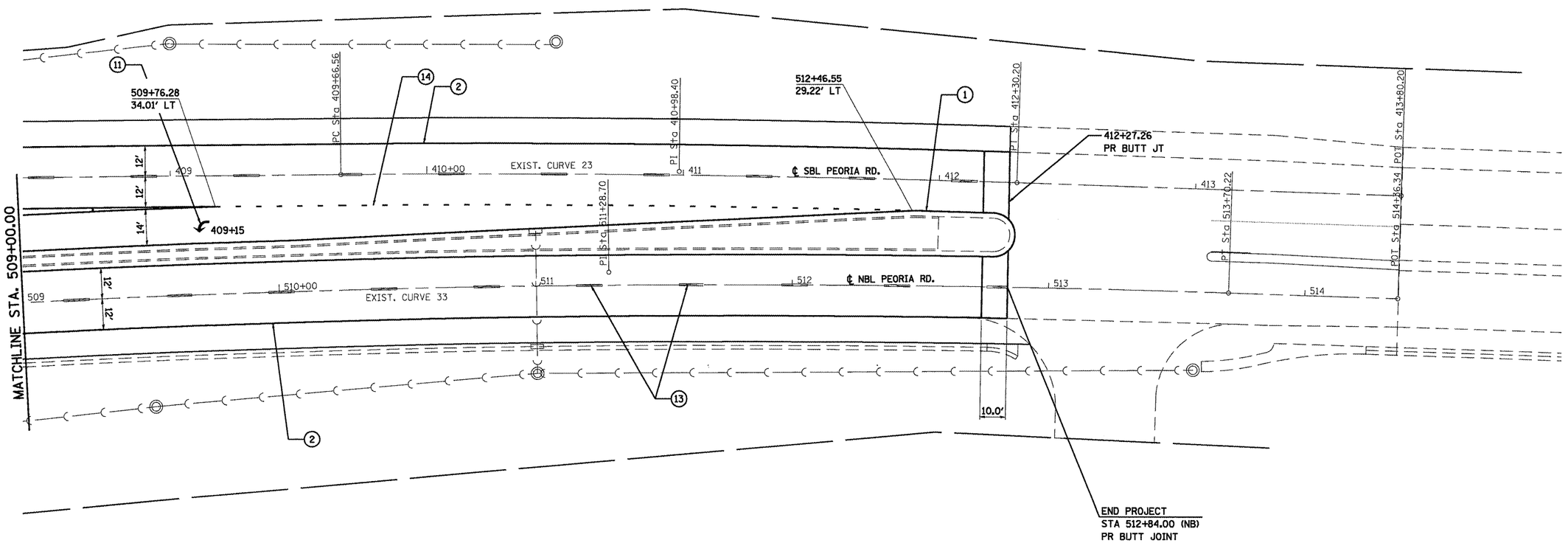
PLAN SHEET – SECTION "C" (PEORIA RD.)

SCALE: | SHEET NO. 12 OF 13 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	116
		CONTRACT NO. 72C35		
		ILLINOIS FED. AID PROJECT		

* 1-I(RS,TS-1)27RS-6,79Z&102RS-4

EXIST. CURVE 23
PI STA. = 410+98.40
Δ = 2° 25′ 00″ (RT)
D = 0° 55′ 00″
R = 6,250.56′
T = 131.84′
L = 263.64′
E = 1.39′
e = 2.6%
T.R. = 39.81′
S.E. RUN = 69′
P.C. STA. = 409+66.56
P.T. STA. = 412+30.20



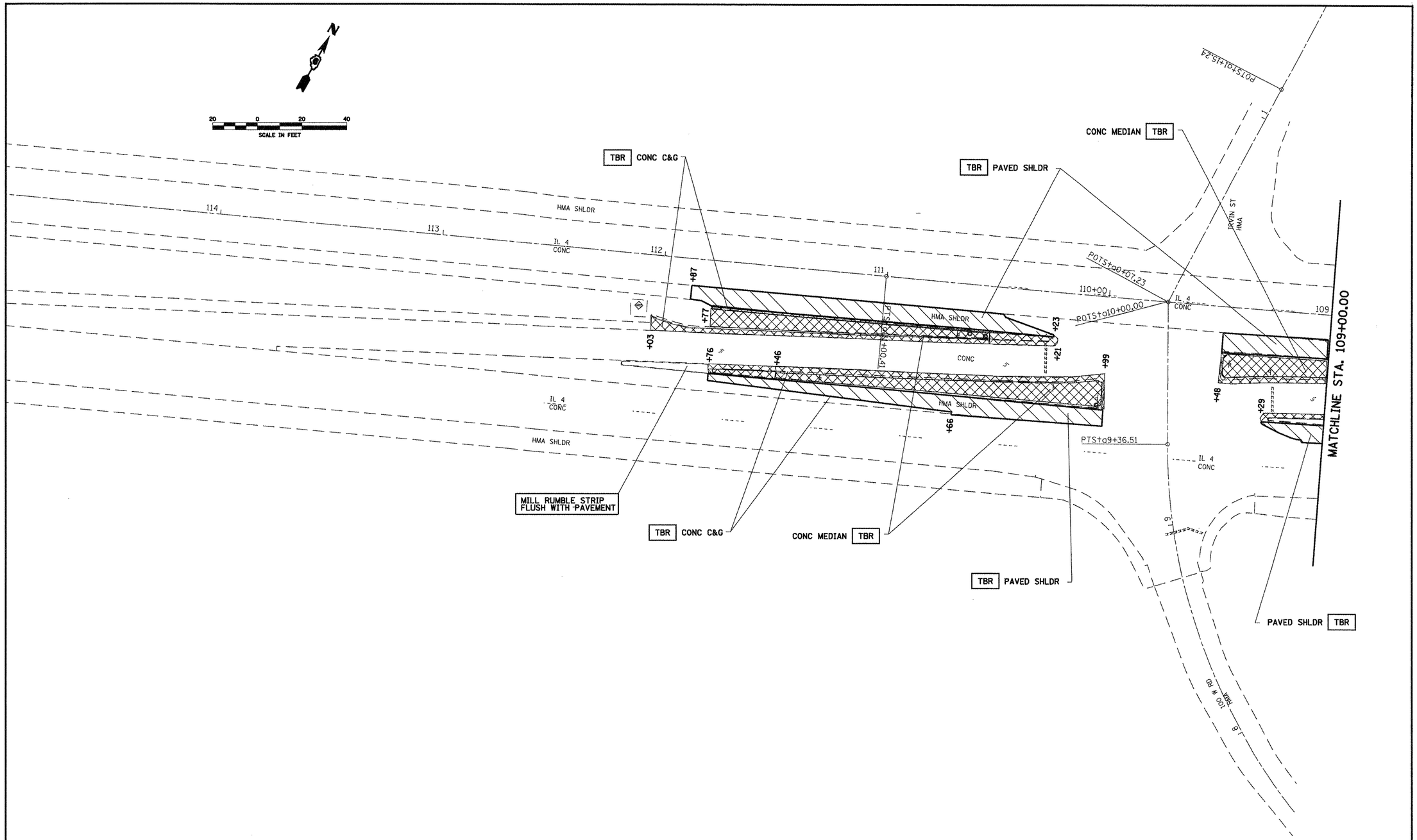
LEGEND

1. URETHANE- 5″ YELLOW
2. URETHANE- 5″ WHITE
3. URETHANE- 8″ WHITE
4. URETHANE- 12″ YELLOW
5. URETHANE-12″ WHITE
6. THERMOPLASTIC- 5″ YELLOW
7. THERMOPLASTIC- 5″ WHITE
8. THERMOPLASTIC- 8″ WHITE
9. THERMOPLASTIC- 12″ YELLOW
10. THERMOPLASTIC- 12″ WHITE
11. PREFORMED PLASTIC TYPE B- INLAID- LETTERS AND SYMBOLS
12. PREFORMED PLASTIC TYPE B- INLAID - 5″ YELLOW
13. PREFORMED PLASTIC TYPE B- INLAID - 5″ WHITE
14. PREFORMED PLASTIC TYPE B- INLAID - 6″ WHITE
15. PREFORMED PLASTIC TYPE B- INLAID - 24″ WHITE

EXIST. CURVE 33
PI STA. = 511+28.70
Δ = 4° 50′ 00″ (RT)
D = 1° 00′ 00″
R = 5,729.58′
T = 241.81′
L = 483.33′
E = 5.10′
e = 2.6%
T.R. = 39.81′
S.E. RUN = 69′
P.C. STA. = 508+86.89
P.T. STA. = 513+70.22

FILE NAME = c:\pw_work\PWIDOT\LAUGHLINRL\dms47710\D72C35-SHT-plan-peoriardbl.dgn	USER NAME = laughlinrl	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET – SECTION "C" (PEORIA RD.)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			658	*	SANGAMON	206	117
	PLOT SCALE = 40.0000 ′ / IN.	CHECKED -	REVISED -					CONTRACT NO. 72C35		
	PLOT DATE = Apr-30-2010 02:35:03PM	DATE -	REVISED -		SCALE: / SHEET NO. 13 OF 13 SHEETS / STA. / TO STA.		ILLINOIS	FED. AID PROJECT		

* 1-1(RS,TS-1)27RS-6,79Z&102RS-4



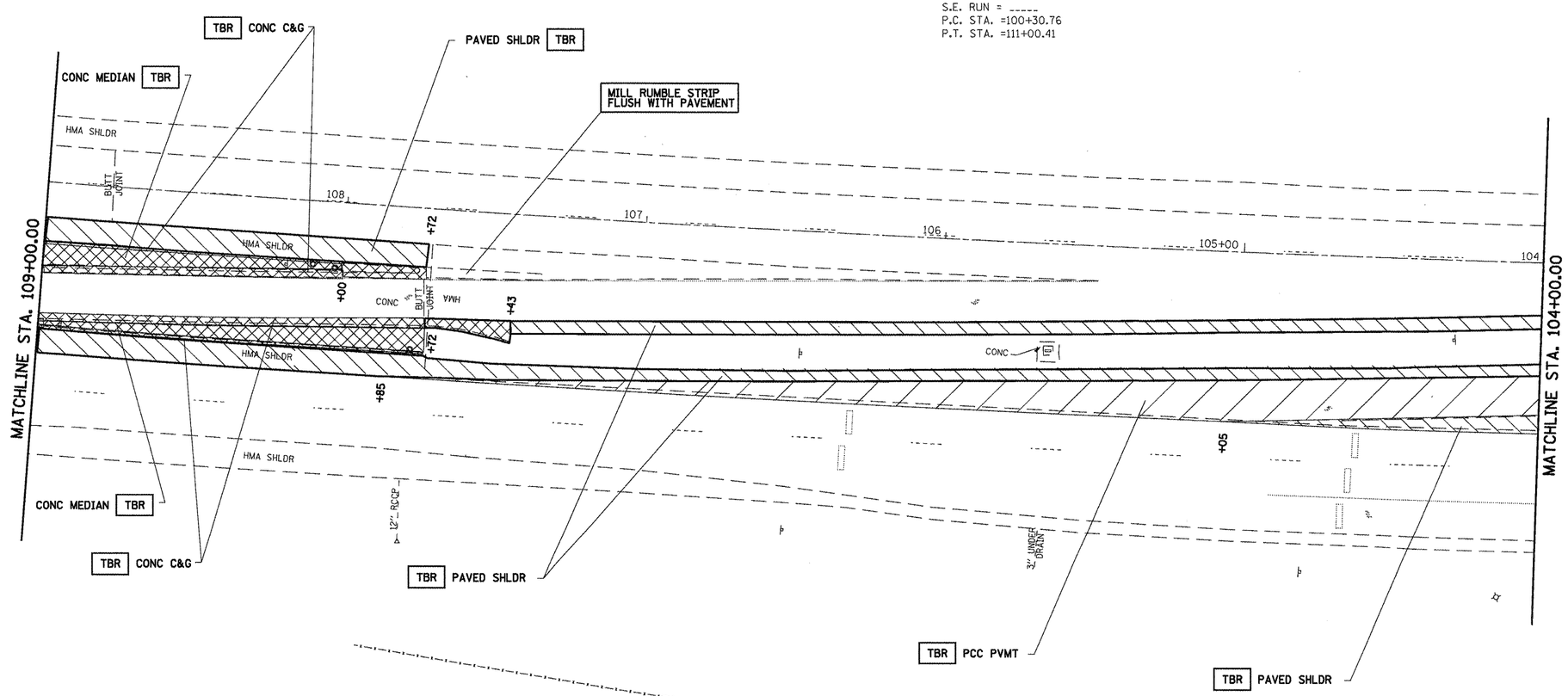
FILE NAME = c:\pw_work\PWIDOT\LAUGHLINRL\dms47710\C72C35-sht-plan-il4-removal.dgn	USER NAME = laughlinrl	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION IMPROVEMENT – SECTION "B" (IL 4)/ SECTION "A" (IL 29) REMOVAL	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000 ' / IN.	DRAWN -	REVISED -			658	*	SANGAMON	206	118
	PLOT DATE = Apr-30-2010 02:54:57PM	CHECKED -	REVISED -			CONTRACT NO. 72C35				
		DATE -	REVISED -		SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.	ILLINOIS	FED. AID PROJECT			

* 1-1(RS,TS-1)27RS-6,T9Z&102RS-4

EXIST. CURVE42
PI STA. =105+65.96
Δ =5° 16′ 40″ (RT)
D =0° 29′ 36″
R =11,612.23′
T =535.20′
L =1,069.65′
E =12.33′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. =100+30.76
P.T. STA. =111+00.41

N

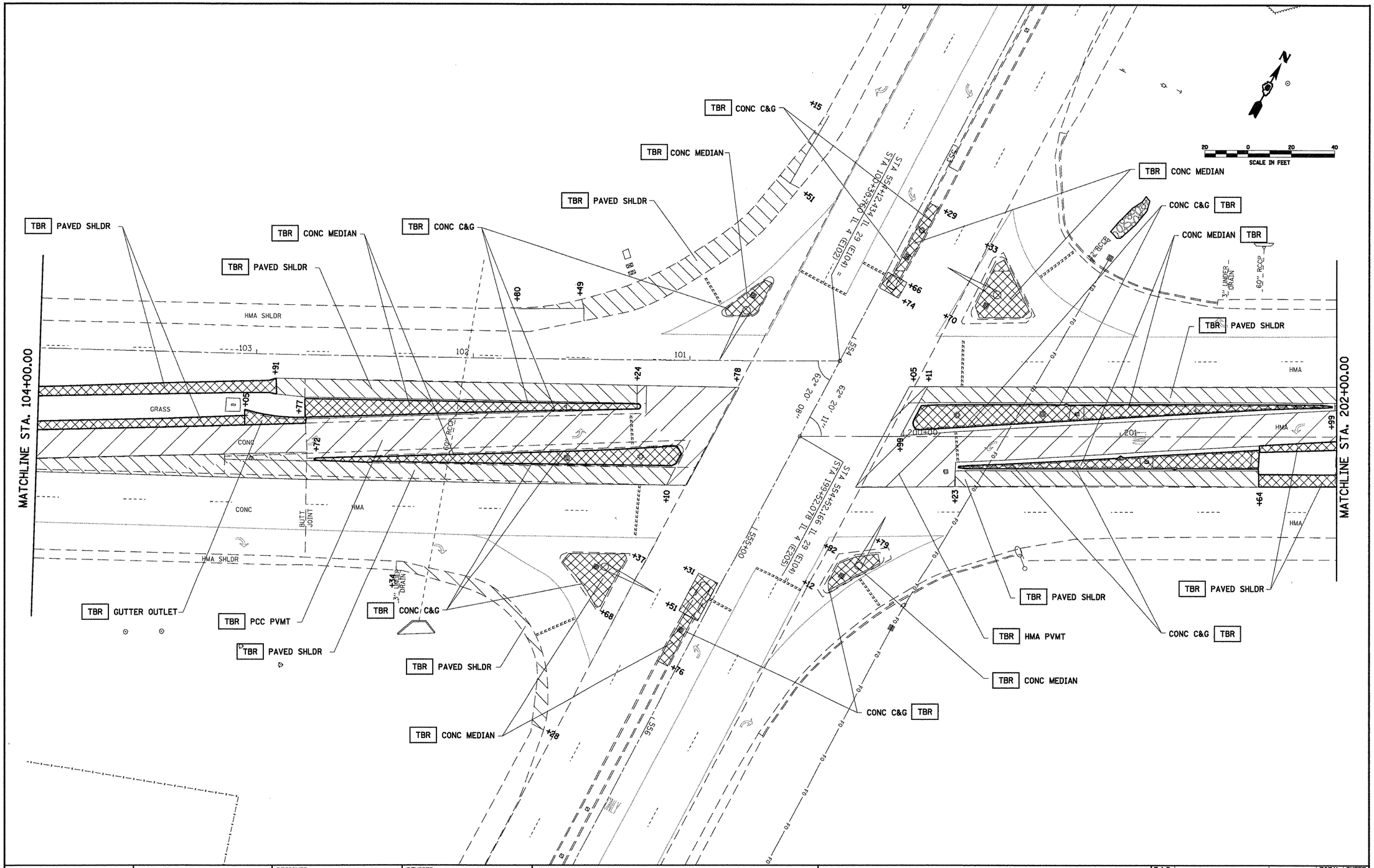
20 0 20 40
SCALE IN FEET



EXIST. CURVE310
PI STA. =8+05.82
Δ =62° 59′ 04″ (RT)
D =21° 20′ 07″
R =268.55′
T =164.52′
L =295.21′
E =46.39′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. =6+41.30
P.T. STA. =9+36.51

FILE NAME = c:\pw_work\PWIDOT\LAUGHLINRL\dms47710\D72C35-sht-plan-il4-removal.dgn	USER NAME = laughlinrl	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION IMPROVEMENT – SECTION "B" (IL 4) SECTION "A" (IL 29) REMOVAL	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000 ' / IN.	DRAWN -	REVISED -			658	*	SANGAMON	206	119
	PLOT DATE = Apr-30-2010 02:55:00PM	CHECKED -	REVISED -					CONTRACT NO. 72C35		
		DATE -	REVISED -		SCALE: SHEET NO. 2 OF 4 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		

* 1-I(RS,TS-1)27RS-6,79Z&102RS-4



FILE NAME =	USER NAME = laughlinrl	DESIGNED -	REVISED -
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	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = Apr-30-2010 02:55:03PM	DATE -	REVISED -

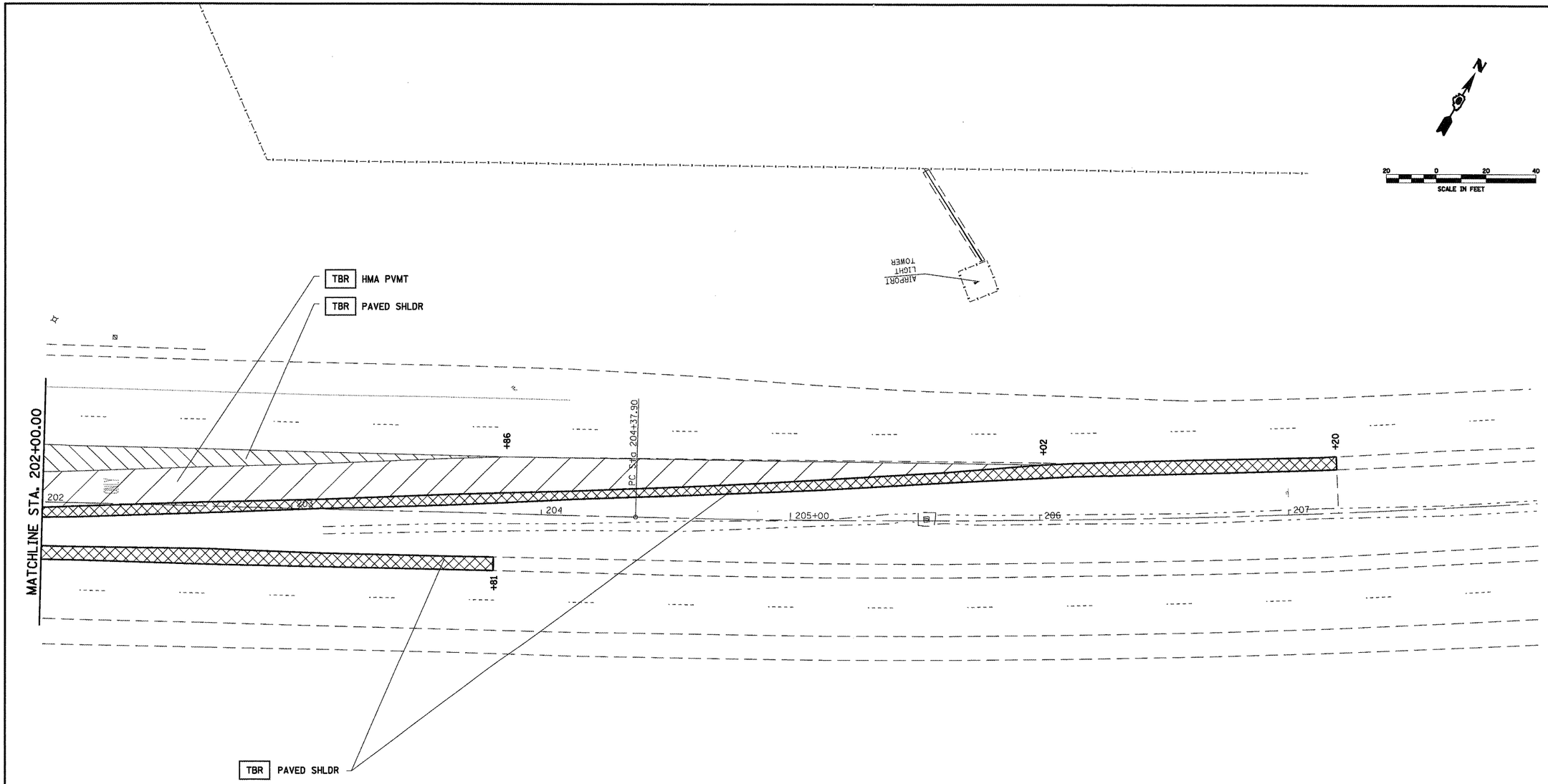
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION IMPROVEMENT – SECTION "B" (IL 4)/
SECTION "A" (IL 29) REMOVAL

SCALE: | SHEET NO. 3 OF 4 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	120
		CONTRACT NO. 72C35		
		ILLINOIS FED. AID PROJECT		

* 1-1(RS,TS-1)27RS-6,79Z&102RS-4



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		DRAWN -	REVISED -
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	PLOT DATE = Apr-30-2010 02:55:26PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION IMPROVEMENT – SECTION "B" (IL 4)/
SECTION "A" (IL 29) REMOVAL

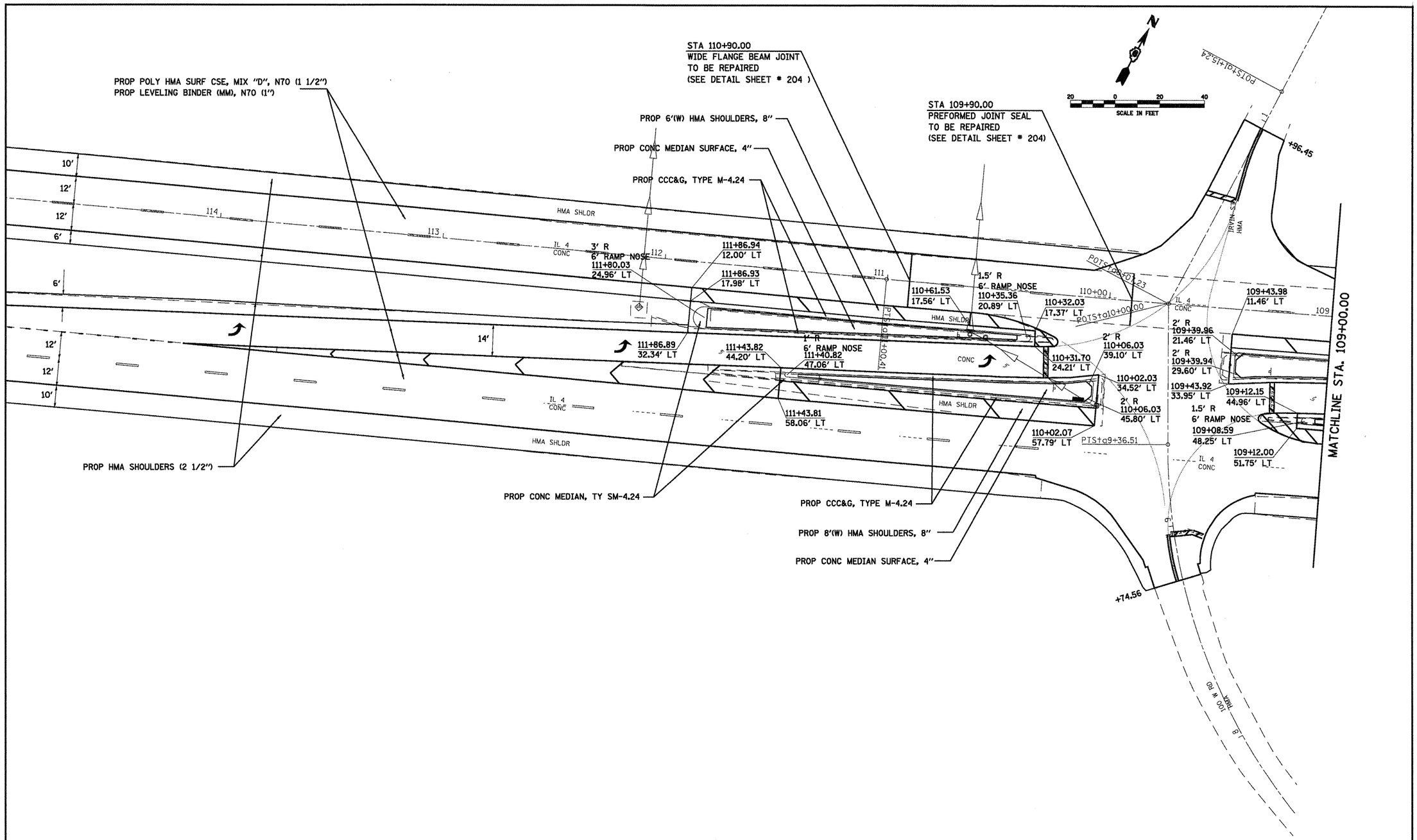
SCALE: | SHEET NO. 4 OF 4 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	121

CONTRACT NO. 72C35

ILLINOIS FED. AID PROJECT

* 1-1(RS,TS-1)27RS-6,79Z&102RS-4



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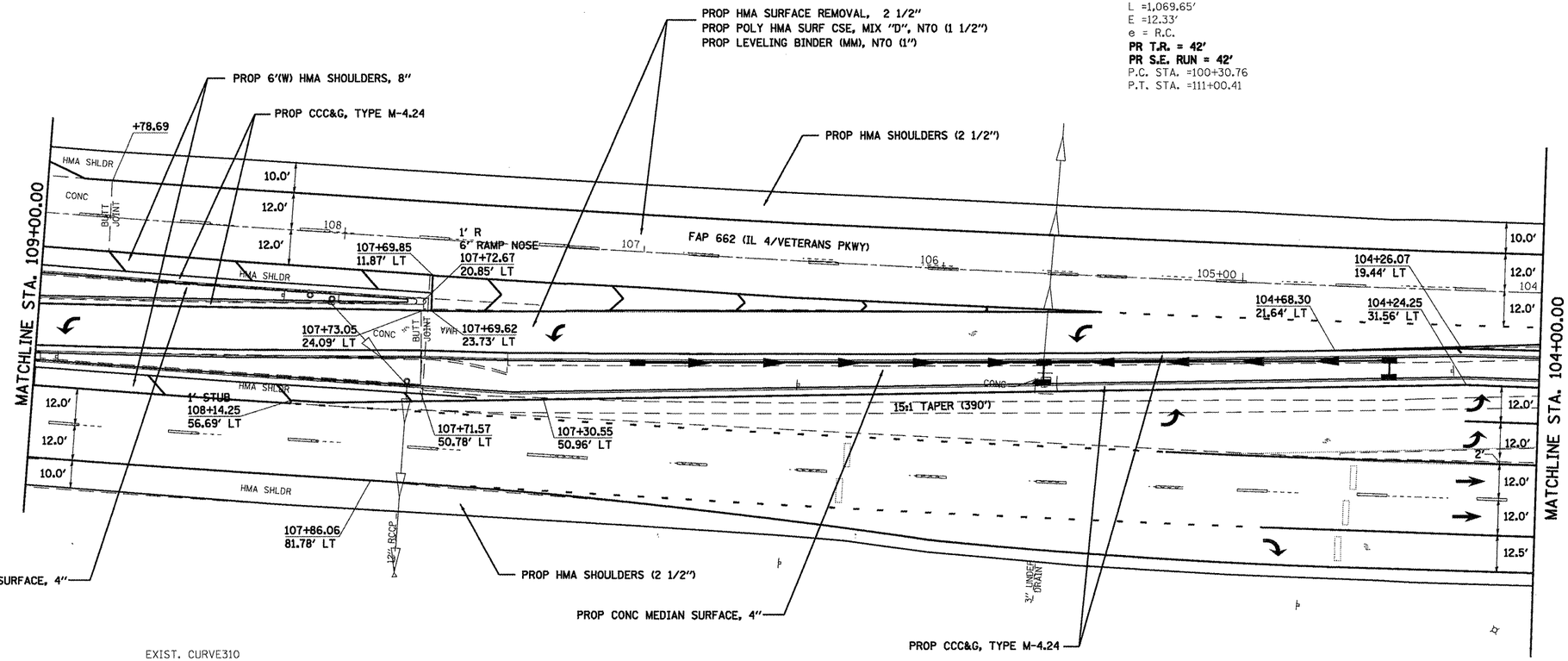
	PLOT SCALE = 40.0000 ' / IN.	DRAWN -	REVISED -			658	*	SANGAMON	206	122
	PLOT DATE = Apr-30-2010 02:55:09PM	CHECKED -	REVISED -					CONTRACT NO. 72C35		
		DATE -	REVISED -		SCALE: 1" = 20' SHEET NO. 1 OF 4 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		

* 1-1(RS,TS-1)27RS-6,79Z&102RS-4

EXIST. CURVE42
PI STA. =105+65.96
Δ =5° 16′ 40″ (RT)
D =0° 29′ 36″
R =11,612.23′
T =535.20′
L =1,069.65′
E =12.33′
e = R.C.
PR T.R. = 42′
PR S.E. RUN = 42′
P.C. STA. =100+30.76
P.T. STA. =111+00.41

N

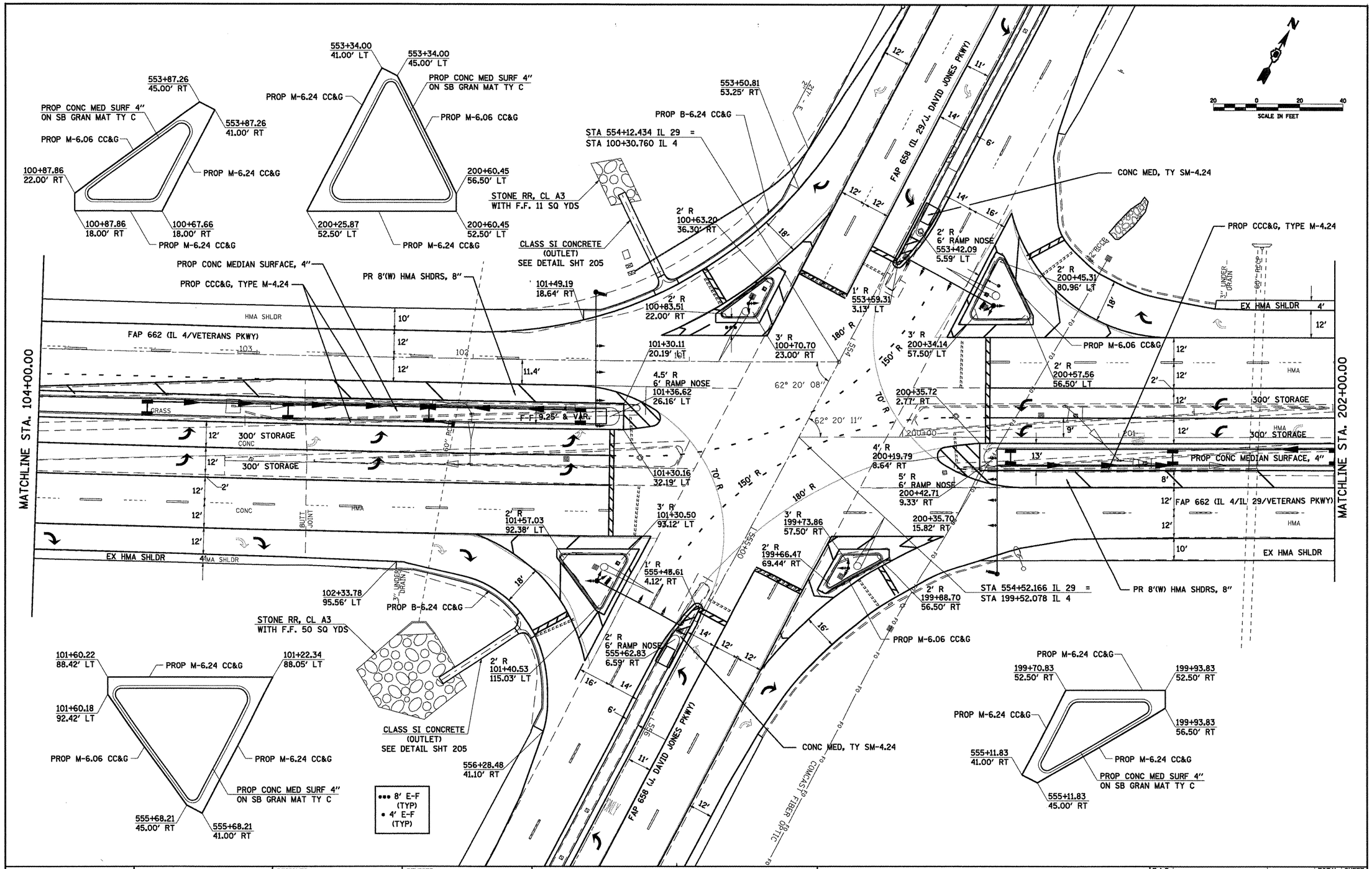
20 0 20 40
SCALE IN FEET



EXIST. CURVE310
PI STA. =8+05.82
Δ =62° 59′ 04″ (RT)
D =21° 20′ 07″
R =268.55′
T =164.52′
L =295.21′
E =46.39′
e = _____
T.R. = _____
S.E. RUN = _____
P.C. STA. =6+41.30
P.T. STA. =9+36.51

FILE NAME = c:\pw_work\PWIDOT\LAUGHLINRL\dms47710\D672C35-sht plan-i14-section-b.dgn	USER NAME = laughlinrl	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 4 /IL 29 INTERSECTION IMPROVEMENT ROADWAY PLAN – SECTION "B"	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000 ′ / IN.	DRAWN -	REVISED -			658	•	SANGAMON	206	123
	PLOT DATE = Apr-30-2010 02:55:13PM	CHECKED -	REVISED -					CONTRACT NO. 72C35		
		DATE -	REVISED -		SCALE: 1″ = 20′ SHEET NO. 2 OF 4 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		

• 1-I(RS,TS-1)27RS-6,79Z&102RS-4



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		DRAWN -	REVISED -
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	PLOT DATE = Apr-30-2010 02:55:16PM	DATE -	REVISED -

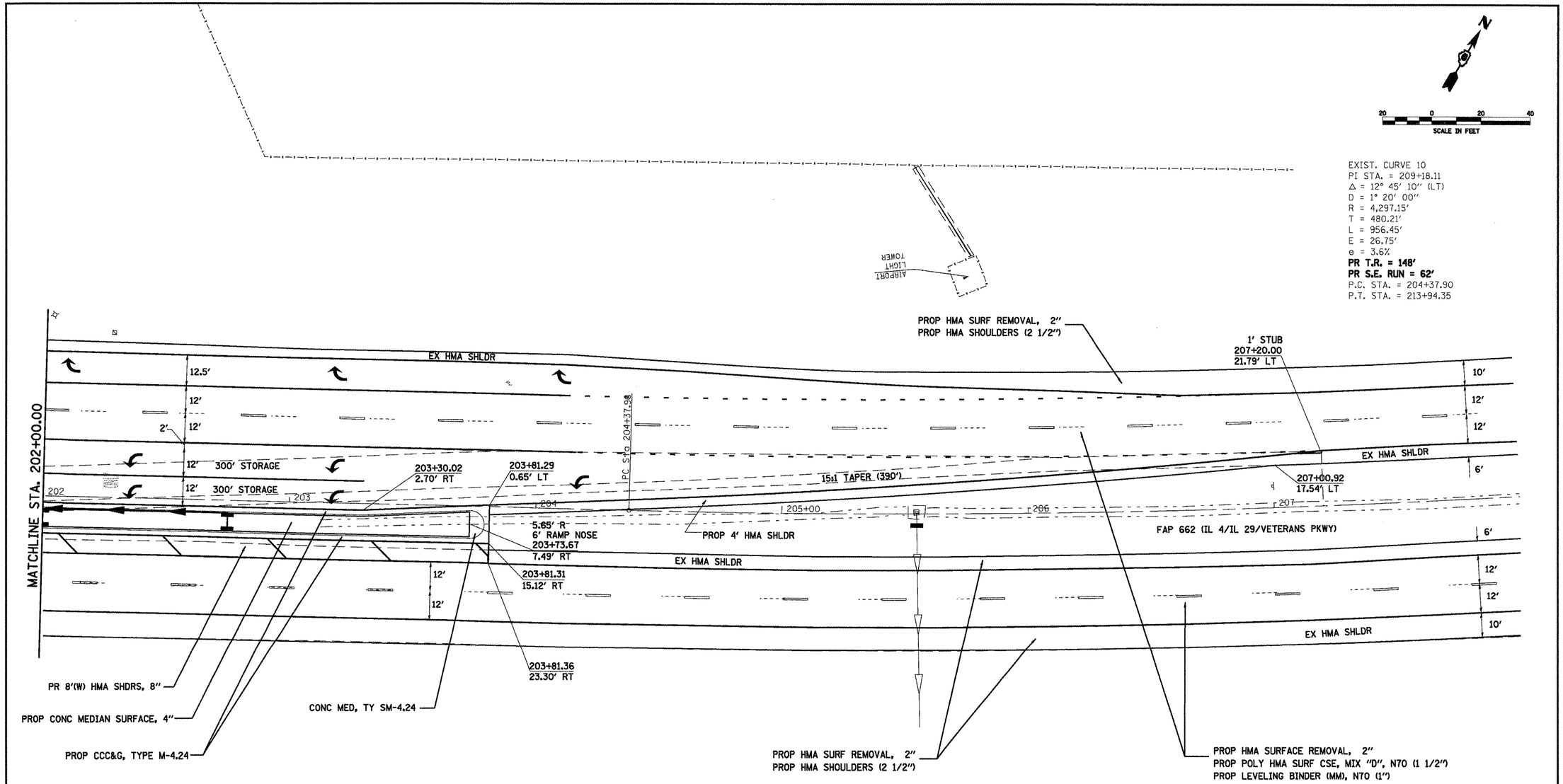
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 4 /IL 29 INTERSECTION IMPROVEMENT
ROADWAY PLAN - SECTION "B"

SCALE: 1" = 20' | SHEET NO. 3 OF 4 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	124
		CONTRACT NO. T2C35		
		ILLINOIS FED. AID PROJECT		

* 1-1(RS,TS-1)27RS-6,79Z&102RS-4



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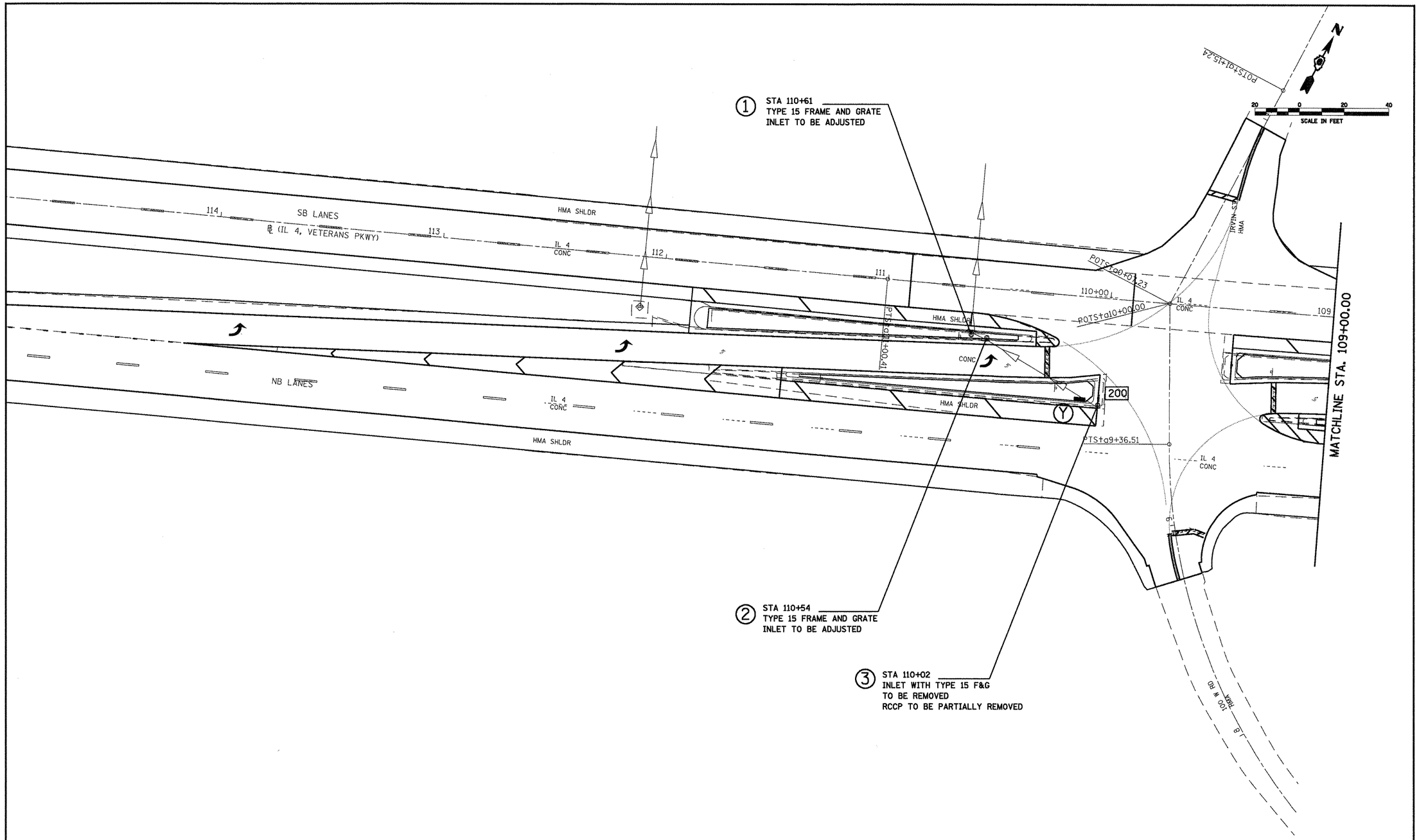
		DRAWN -	REVISED -			658	*	SANGAMON	206	125
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -					CONTRACT NO. 72C35		
	PLOT DATE = Apr-30-2010 02:55:20PM	DATE -	REVISED -		SCALE: 1″ = 20′ SHEET NO. 4 OF 4 SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT		

* 1-1(RS,TS-1)27RS-6,79Z&102RS-4



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		DRAWN -	REVISED -			658	*	SANGAMON	206 / 126
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -					CONTRACT NO. 72C35	
	PLOT DATE = Apr-30-2010 02:55:24PM	DATE -	REVISED -		SCALE: 1' = 20' / SHEET NO. 1 OF 4 SHEETS / STA. TO STA.		ILLINOIS	FED. AID PROJECT	

* 1-1(RS,TS-1)27RS-6,79Z&102RS-4

(5) STA 108+08, 21.8' LT
EX T-A INLET W/ T-15 F&G (24" DEPTH)
TO BE ADJUSTED (+/- 2" AS DIRECTED
BY THE ENGINEER TO FIT NEW
RAISED MEDIAN)

(4) STA 108+03, 22.4' LT
EX T-A INLET W/ T-15 F&G (36" DEPTH)
TO BE ADJUSTED (+/- 2" AS DIRECTED
BY THE ENGINEER TO FIT NEW
RAISED MEDIAN)

(A) STA 107+00.00, 36.54' LT
PR INLET T-A W/ T-15 F&G (24" DEPTH)
(STDS 602301, 604066)
TOC = 538.99
INV = 535.66

(B) STA 105+65.00, 32.66' LT
PR 4' DIA MH, T-A W / T-15 F&G
(STDS 602401, 602601, 602701, 604066)
TOC = 538.02
INV = TO BE DETERMINED BY ENGINEER
DUE TO LACK OF SURVEY, MATCH EX FL
(7) EX MEDIAN INLET STD 604101 &
PORTION OF RCCP TBR 201

(D) STA 104+50.00, 23.81' LT
PR 4' DIA MH, T-A W / T-15 F&G (24" DEPTH)
(STDS 602401, 602601, 602701, 604066)
TOC = 537.46
INV = 533.63

N

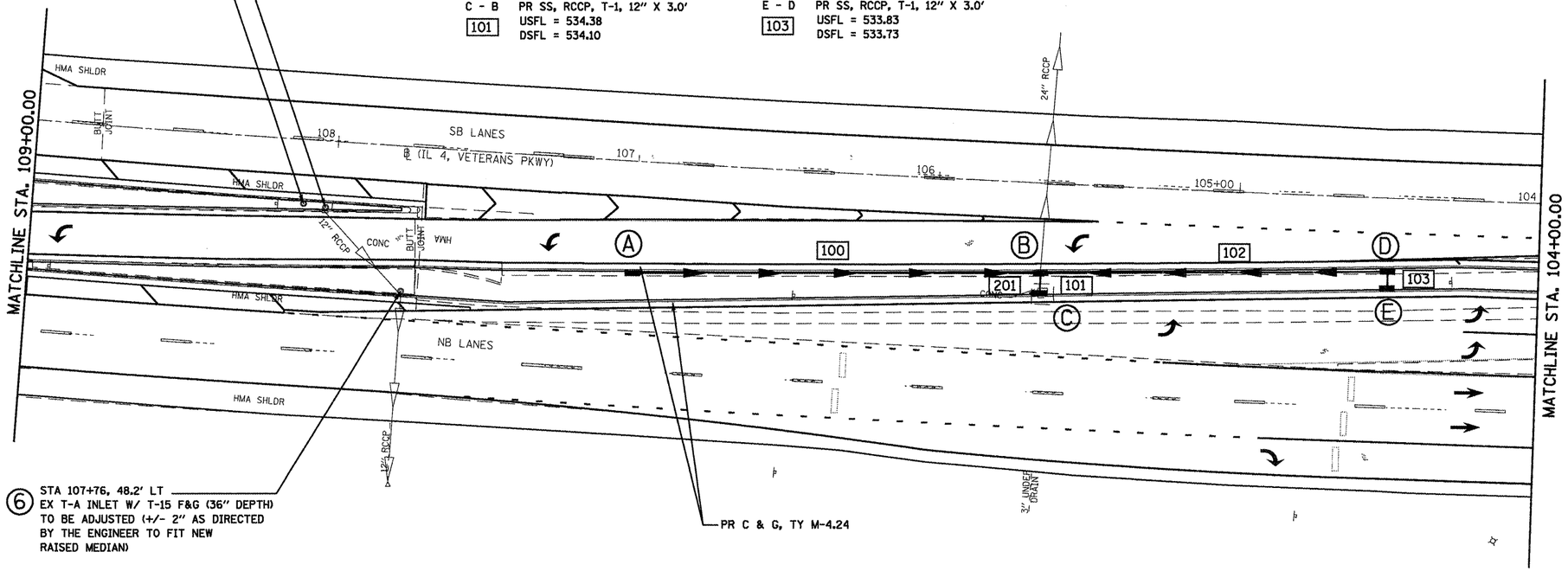
20 0 20 40
SCALE IN FEET

A - B PR SS, RCCP, T-1, 12" X 133.6'
100 USFL = 535.66
DSFL = 534.10

C - B PR SS, RCCP, T-1, 12" X 3.0'
101 USFL = 534.38
DSFL = 534.10

D - B PR SS, RCCP, T-1, 12" X 111.4'
102 USFL = 533.63
DSFL = 533.00

E - D PR SS, RCCP, T-1, 12" X 3.0'
103 USFL = 533.83
DSFL = 533.73



(6) STA 107+76, 48.2' LT
EX T-A INLET W/ T-15 F&G (36" DEPTH)
TO BE ADJUSTED (+/- 2" AS DIRECTED
BY THE ENGINEER TO FIT NEW
RAISED MEDIAN)

PR C & G, TY M-4.24

(C) STA 105+65, 36.15' LT
PR INLET T-A W/ T-15 F&G (24" DEPTH)
(STDS 602301, 604066)
TOC = 537.71
INV = 534.38

(E) STA 104+50.00, 29.80' LT
PR INLET T-A W/ T-15 F&G (24" DEPTH)
(STDS 602301, 604066)
TOC = 537.18
INV = 533.83

FILE NAME = c:\pw_work\PWIDOT\LAUGHLINRL\dms47710\D572C35-sht drainage-114.dgn	USER NAME = laughlinrl	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 4 /IL 29 INTERSECTION IMPROVEMENT DRAINAGE PLAN – SECTION "B"	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000 ' / IN.	DRAWN -	REVISED -			658	*	SANGAMON	206	127
	PLOT DATE = Apr-30-2010 02:55:27PM	CHECKED -	REVISED -					CONTRACT NO. 72C35		
		DATE -	REVISED -		SCALE: 1' = 20' SHEET NO. 2 OF 4 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		

* 1-1(RS,TS-1)27RS-6,79Z&102RS-4

(G) STA 103+50.00, 22.48' LT
PR 4' DIA MH, T-A W / T-15 F&G (24" DEPTH)
(STDS 602401, 602601, 602701, 604066)
TOC = 537.19
INV = 533.18

(H) STA 102+85.00, 25.34' LT
PR 4' DIA MH, T-A W / T-15 F&G (30" DEPTH)
(STDS 602401, 602601, 602701, 604066)
TOC = 537.04
INV = 532.52

(J) STA 102+20.00, 25.34' LT
PR 4' DIA MH, T-A W / T-15 F&G (36" DEPTH)
(STDS 602401, 602601, 602701, 604066)
TOC = 537.00
INV = 532.02

(O) STA 200+50.00, 6.11' RT
PR INLET T-A W/ T-15 F&G (18" DEPTH)
(STDS 602301, 604066)
TOC = 537.02
INV = 534.19

(Q) STA 201+25.00, 6.07' RT
PR INLET T-A W/ T-15 F&G (24" DEPTH)
(STDS 602301, 604066)
TOC = 536.99
INV = 533.66

(M) STA 101+50.00, 22.50' LT
PR 4' DIA MH, T-A W / T-15 F&G (24" DEPTH)
(STDS 602401, 602601, 602701, 604066)
TOC = 536.91
INV = 533.08

F - G [104] PR SS, RCCP, T-1, 12" X 3.5'
USFL = 533.73
DSFL = 532.38

G - H [105] PR SS, RCCP, T-1, 12" X 61.2'
USFL = 533.18
DSFL = 532.72

I - H [106] PR SS, RCCP, T-1, 12" X 3.5'
USFL = 533.64
DSFL = 533.18

H - J [107] PR SS, RCCP, T-1, 15" X 61.2'
USFL = 532.52
DSFL = 532.22

J - K [108] PR SS, RCCP, T-1, 18" X 3.5'
USFL = 532.02
DSFL = 531.82

K - L [109] PR SS, RCCP, T-1, 18" X 8.0'
USFL = 531.61
DSFL = DETERMINE IN FIELD
(HIGH ON 60" RCCP)

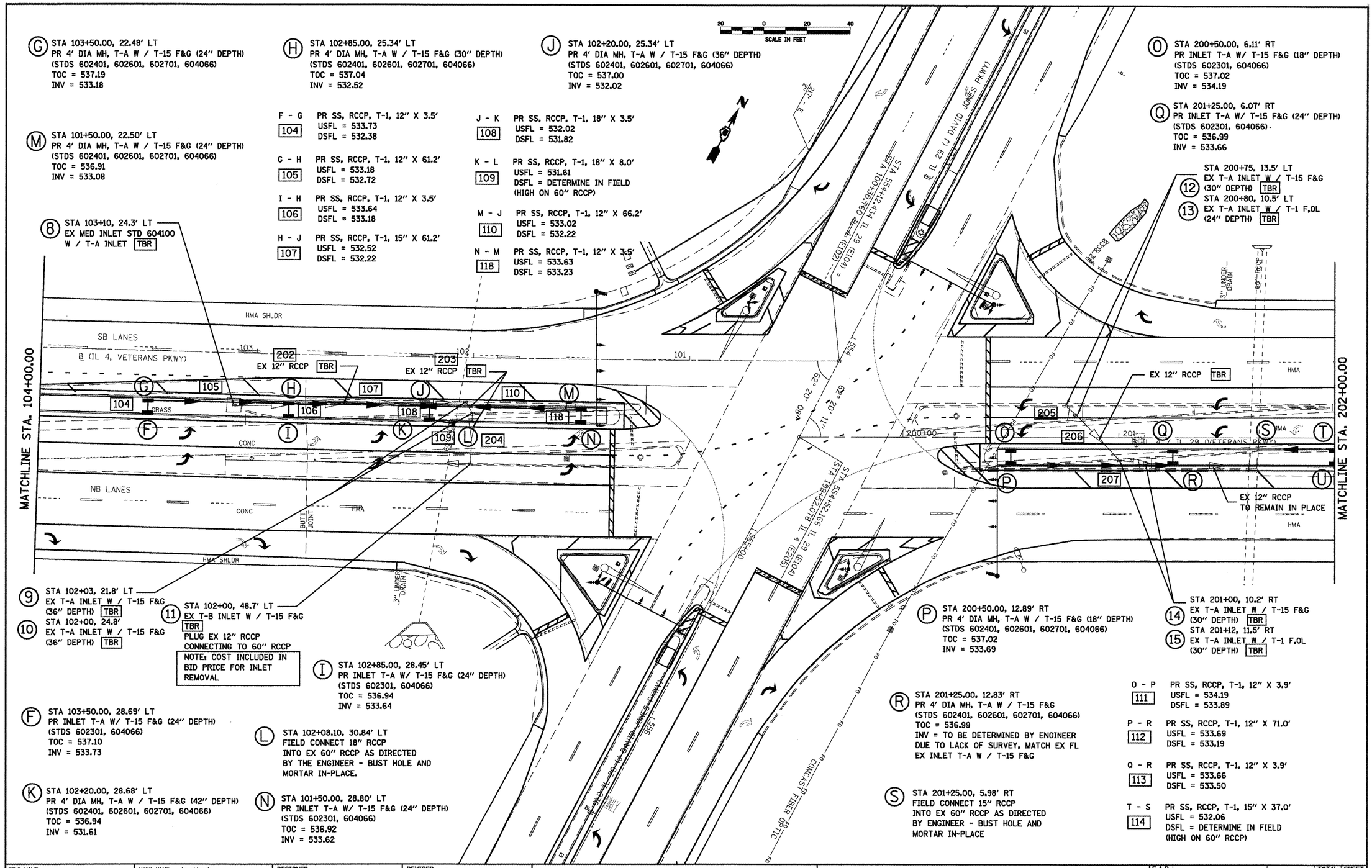
M - J [110] PR SS, RCCP, T-1, 12" X 66.2'
USFL = 533.02
DSFL = 532.22

N - M [118] PR SS, RCCP, T-1, 12" X 3.5'
USFL = 533.63
DSFL = 533.23

(8) STA 103+10, 24.3' LT
EX MED INLET STD 604100
W / T-A INLET [TBR]

(12) STA 200+75, 13.5' LT
EX T-A INLET W / T-15 F&G
(30" DEPTH) [TBR]

(13) STA 200+80, 10.5' LT
EX T-A INLET W / T-1 F,OL
(24" DEPTH) [TBR]



(9) STA 102+03, 21.8' LT
EX T-A INLET W / T-15 F&G
(36" DEPTH) [TBR]

(10) STA 102+00, 24.8'
EX T-A INLET W / T-15 F&G
(36" DEPTH) [TBR]

(11) STA 102+00, 48.7' LT
EX T-B INLET W / T-15 F&G
[TBR]
PLUG EX 12" RCCP
CONNECTING TO 60" RCCP
NOTE: COST INCLUDED IN BID PRICE FOR INLET REMOVAL

(I) STA 102+85.00, 28.45' LT
PR INLET T-A W/ T-15 F&G (24" DEPTH)
(STDS 602301, 604066)
TOC = 536.94
INV = 533.64

(F) STA 103+50.00, 28.69' LT
PR INLET T-A W/ T-15 F&G (24" DEPTH)
(STDS 602301, 604066)
TOC = 537.10
INV = 533.73

(L) STA 102+08.10, 30.84' LT
FIELD CONNECT 18" RCCP
INTO EX 60" RCCP AS DIRECTED
BY THE ENGINEER - BUST HOLE AND
MORTAR IN-PLACE.

(K) STA 102+20.00, 28.68' LT
PR 4' DIA MH, T-A W / T-15 F&G (42" DEPTH)
(STDS 602401, 602601, 602701, 604066)
TOC = 536.94
INV = 531.61

(N) STA 101+50.00, 28.80' LT
PR INLET T-A W/ T-15 F&G (24" DEPTH)
(STDS 602301, 604066)
TOC = 536.92
INV = 533.62

(P) STA 200+50.00, 12.89' RT
PR 4' DIA MH, T-A W / T-15 F&G (18" DEPTH)
(STDS 602401, 602601, 602701, 604066)
TOC = 537.02
INV = 533.69

(14) STA 201+00, 10.2' RT
EX T-A INLET W / T-15 F&G
(30" DEPTH) [TBR]

(15) STA 201+12, 11.5' RT
EX T-A INLET W / T-1 F,OL
(30" DEPTH) [TBR]

(R) STA 201+25.00, 12.83' RT
PR 4' DIA MH, T-A W / T-15 F&G
(STDS 602401, 602601, 602701, 604066)
TOC = 536.99
INV = TO BE DETERMINED BY ENGINEER
DUE TO LACK OF SURVEY, MATCH EX FL
EX INLET T-A W / T-15 F&G

(S) STA 201+25.00, 5.98' RT
FIELD CONNECT 15" RCCP
INTO EX 60" RCCP AS DIRECTED
BY THE ENGINEER - BUST HOLE AND
MORTAR IN-PLACE

O - P [111] PR SS, RCCP, T-1, 12" X 3.9'
USFL = 534.19
DSFL = 533.89

P - R [112] PR SS, RCCP, T-1, 12" X 71.0'
USFL = 533.69
DSFL = 533.19

Q - R [113] PR SS, RCCP, T-1, 12" X 3.9'
USFL = 533.66
DSFL = 533.50

T - S [114] PR SS, RCCP, T-1, 15" X 37.0'
USFL = 532.06
DSFL = DETERMINE IN FIELD
(HIGH ON 60" RCCP)

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	PLOT DATE = Apr-30-2010 02:55:31PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 4 /IL 29 INTERSECTION IMPROVEMENT
DRAINAGE PLAN - SECTION "B"

SCALE: 1' = 20' | SHEET NO. 3 OF 4 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	128
		CONTRACT NO. 72C35		
		ILLINOIS FED. AID PROJECT		

* 1-I(RS,TS-1)27RS-6;79Z&102RS-4

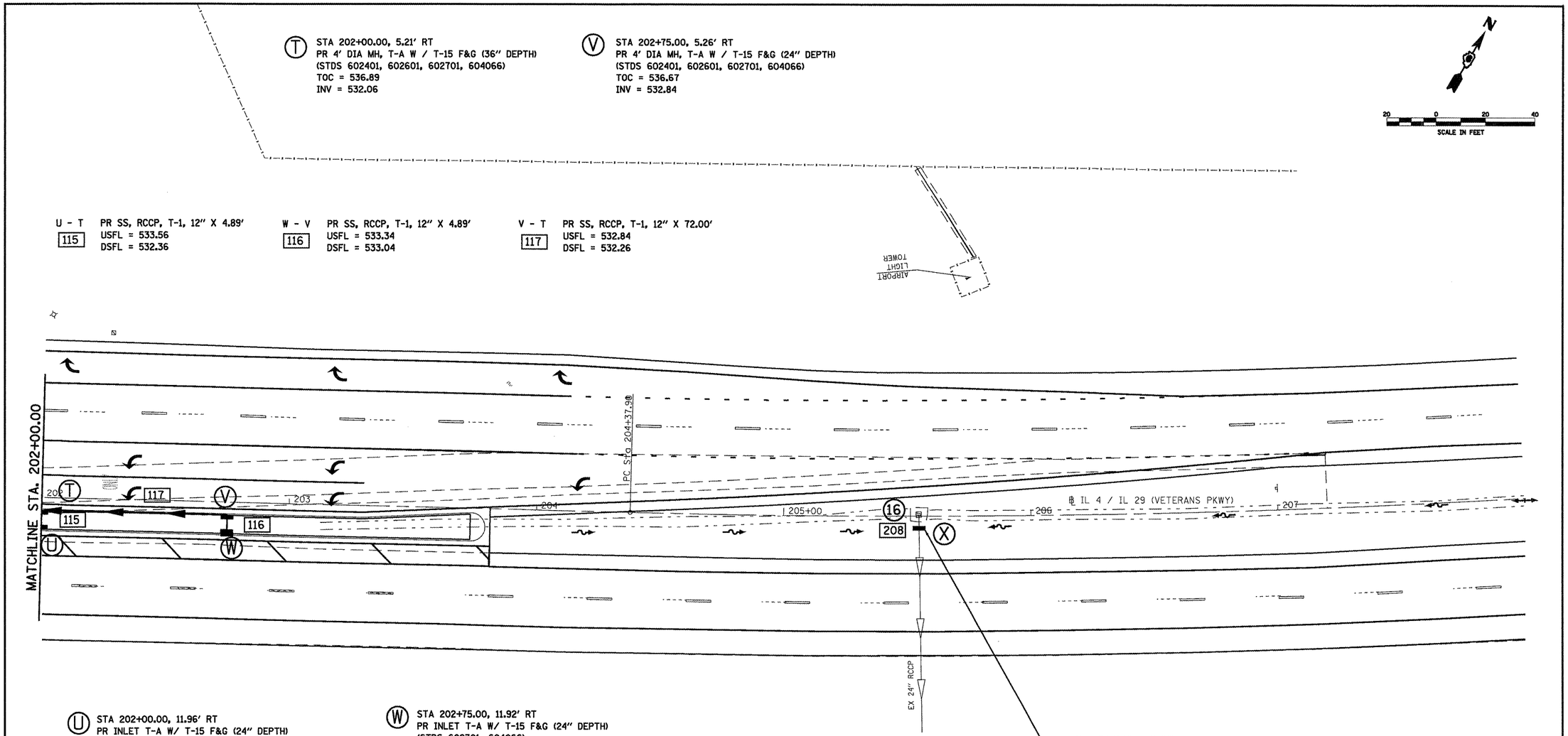
(T) STA 202+00.00, 5.21' RT
PR 4' DIA MH, T-A W / T-15 F&G (36" DEPTH)
(STDS 602401, 602601, 602701, 604066)
TOC = 536.89
INV = 532.06

(V) STA 202+75.00, 5.26' RT
PR 4' DIA MH, T-A W / T-15 F&G (24" DEPTH)
(STDS 602401, 602601, 602701, 604066)
TOC = 536.67
INV = 532.84

U - T PR SS, RCCP, T-1, 12" X 4.89'
115 USFL = 533.56
DSFL = 532.36

W - V PR SS, RCCP, T-1, 12" X 4.89'
116 USFL = 533.34
DSFL = 533.04

V - T PR SS, RCCP, T-1, 12" X 72.00'
117 USFL = 532.84
DSFL = 532.26



(U) STA 202+00.00, 11.96' RT
PR INLET T-A W/ T-15 F&G (24" DEPTH)
(STDS 602301, 604066)
TOC = 536.89
INV = 533.56

(W) STA 202+75.00, 11.92' RT
PR INLET T-A W/ T-15 F&G (24" DEPTH)
(STDS 602301, 604066)
TOC = 536.67
INV = 533.34

(16) STA 205+55, 4.0' RT
EX PIPE TEE W / 24" RISER
W / MEDIAN INLET (STD 604101) & PORTION OF RCCP
TBR
PR 4'Ø MH, T-A W / MED INLET STD 604101
(EX F&G CAN BE SALVAGED & REUSED)
TOG = 534.70
INV = TO BE DETERMINED BY ENGINEER DUE TO
LACK OF SURVEY (MATCH EX FL) = 526.15 +/-

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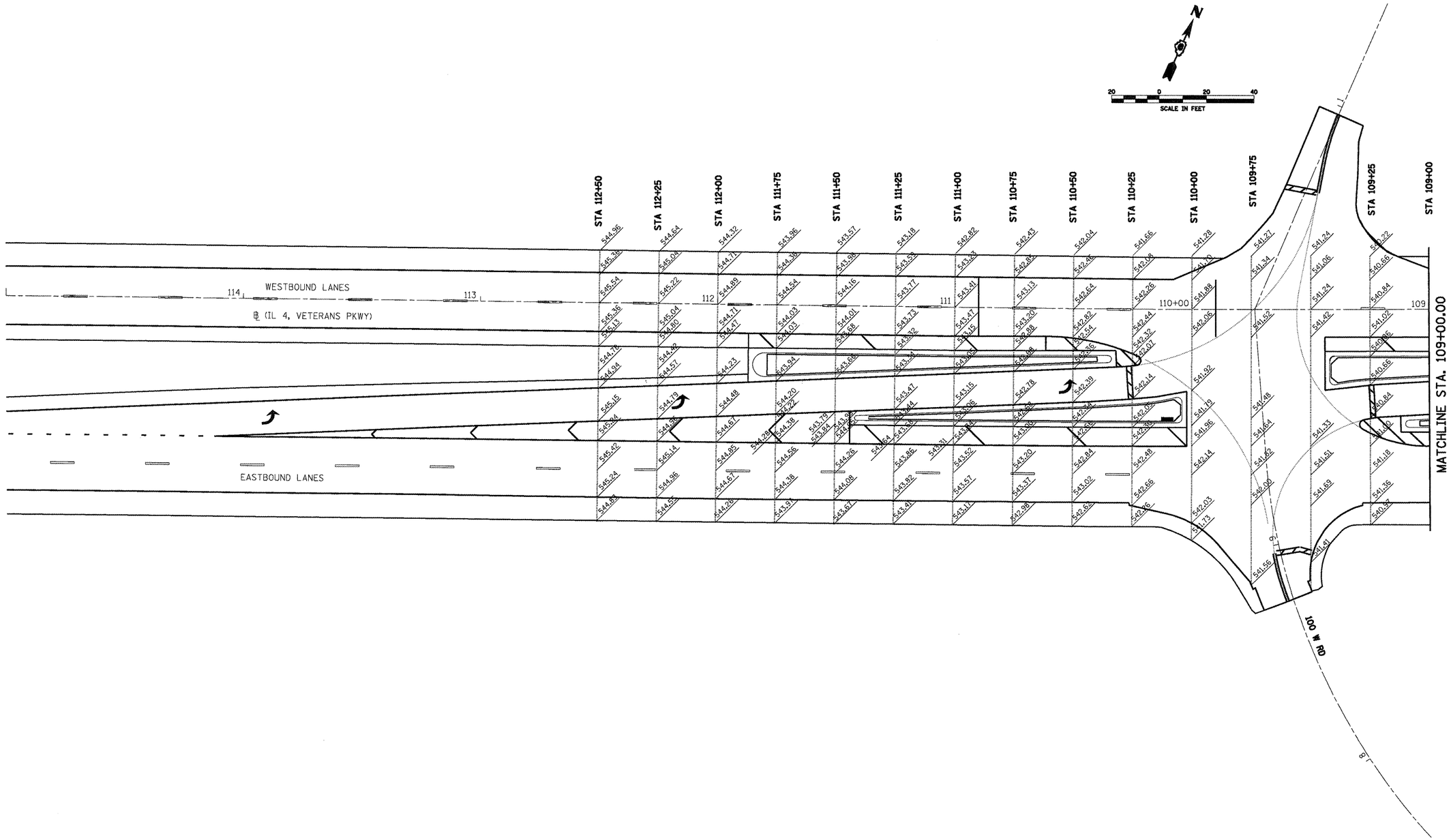
		DATE -	REVISED -		SCALE: 1' = 20' SHEET NO. 4 OF 4 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		

* 1-1(RS,TS-1)27RS-6,79Z&102RS-4



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		DATE -	REVISED -

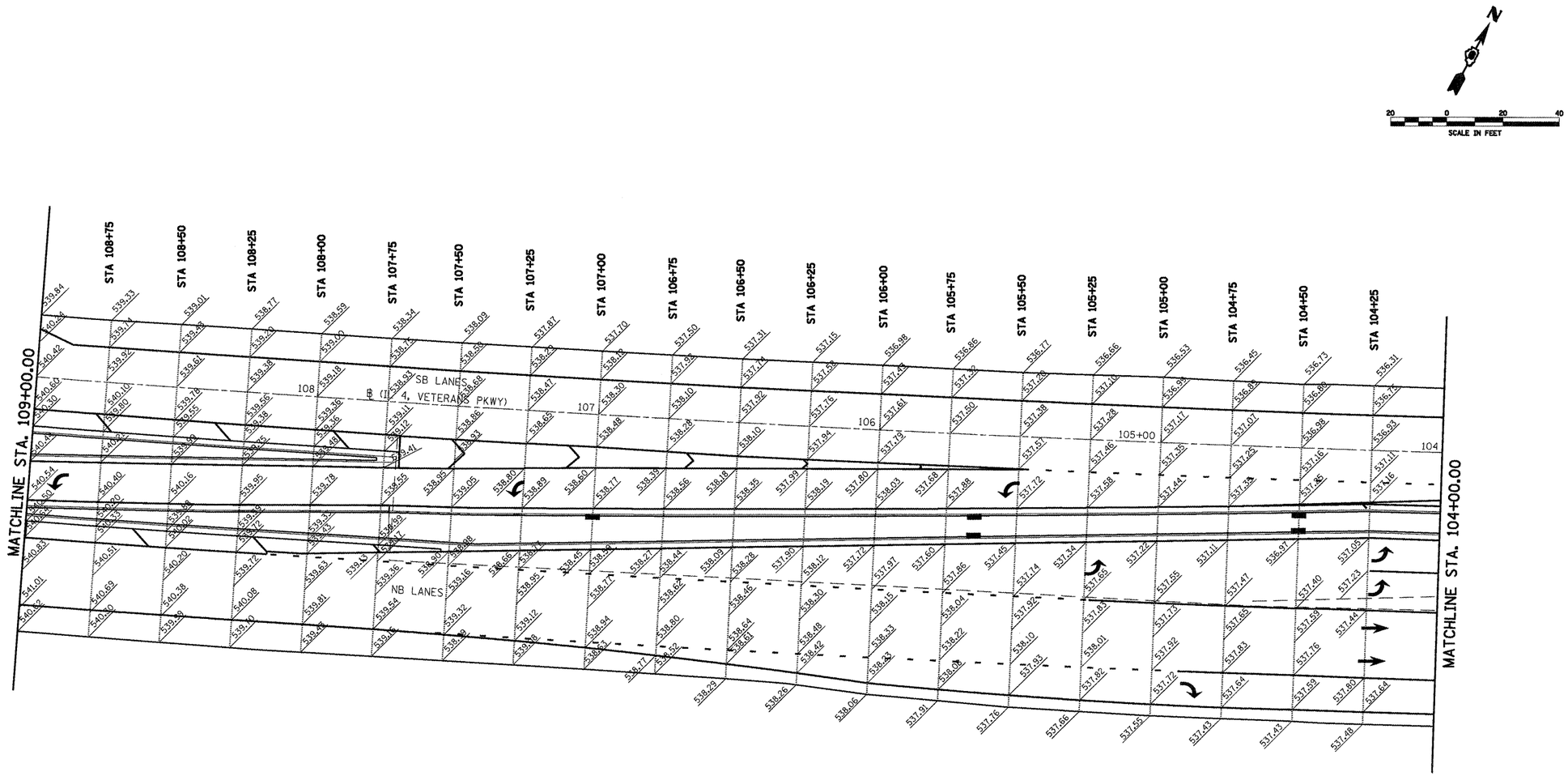
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 4 /IL 29 INTERSECTION IMPROVEMENT
ELEVATION DETAIL SHEET - SECTION "B"

SCALE: 1' = 20' | SHEET NO. 1 OF 4 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	130
		CONTRACT NO. 72C35		
		ILLINOIS FED. AID PROJECT		

* 1-1(RS,TS-1)27RS-6,79Z&102RS-4



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		DRAWN -	REVISED -			658	•	SANGAMON	206	131
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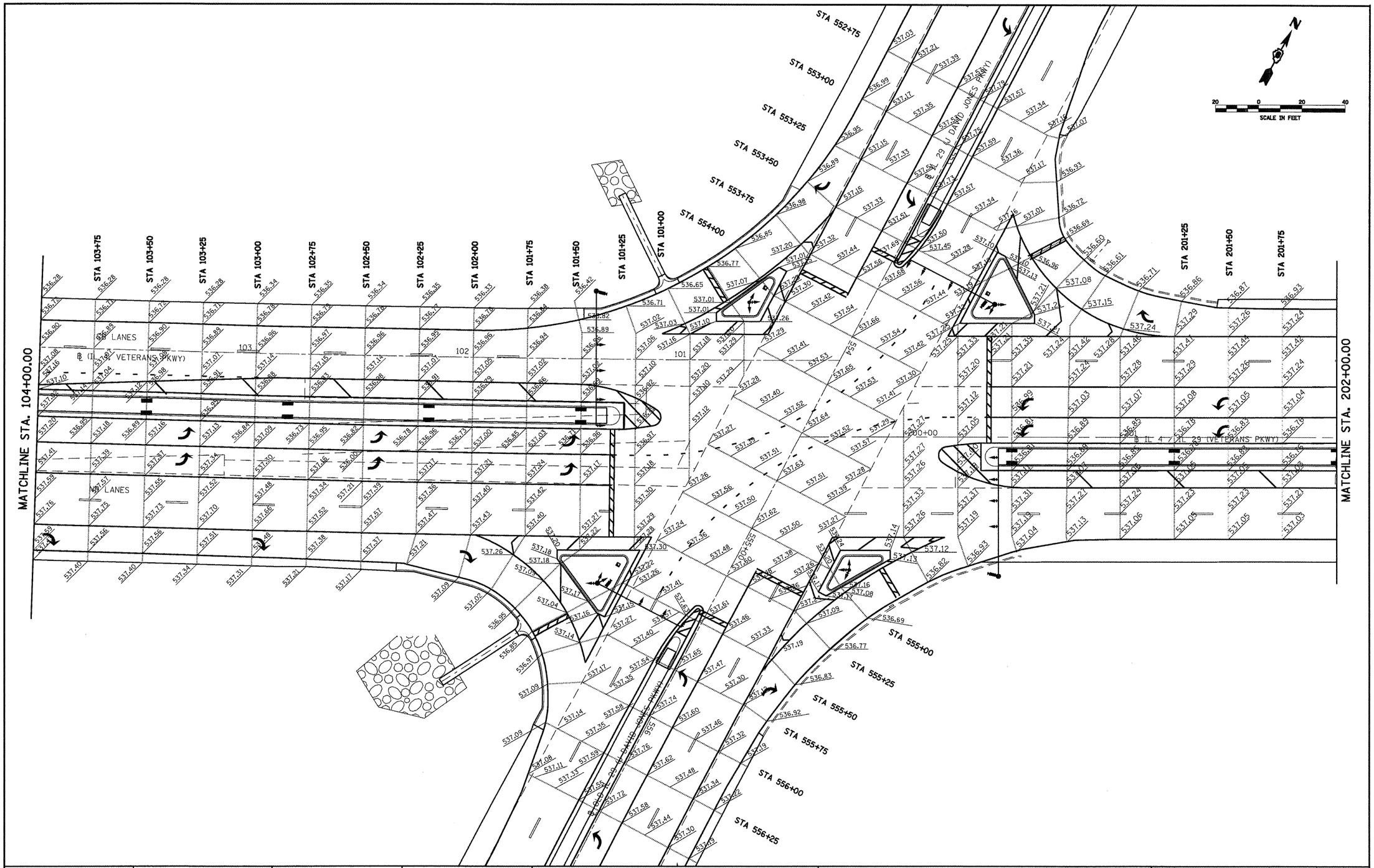
	PLOT DATE = Apr-30-2010 02:59:49PM	DATE -	REVISED -		SCALE: 1' = 20' SHEET NO. 2 OF 4 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		

• 1-I(RS,TS-1)27RS-6,79Z&102RS-4



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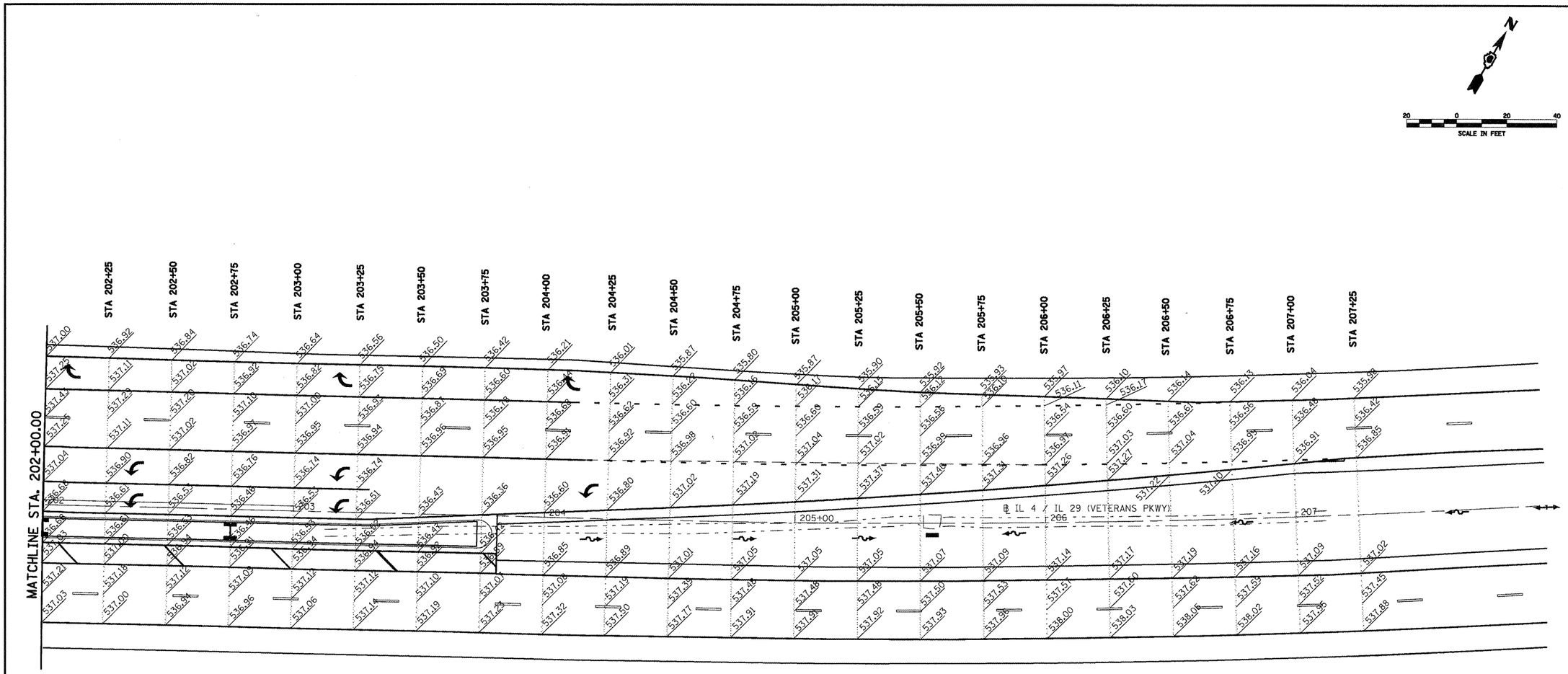
	PLOT DATE = Apr-30-2010 02:59:53PM	DATE -	REVISED -	REVISED -	SCALE: 1' = 20' SHEET NO. 3 OF 4 SHEETS STA. TO STA.			CONTRACT NO. 72C35		
								ILLINOIS FED. AID PROJECT		

• 1-I(RS,TS-1)27RS-6,79Z&102RS-4



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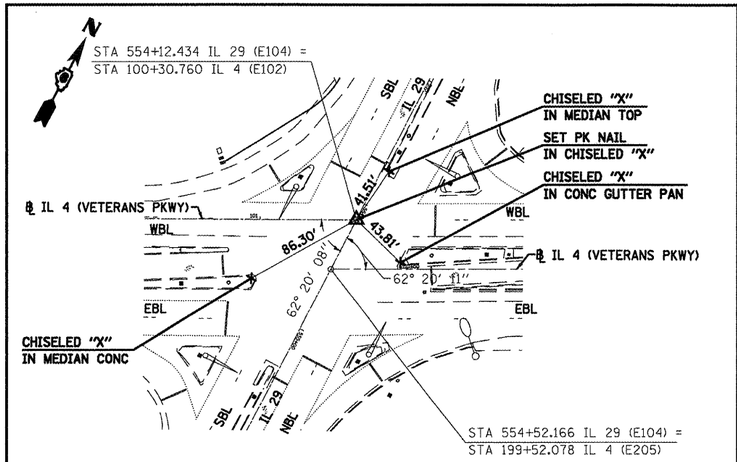
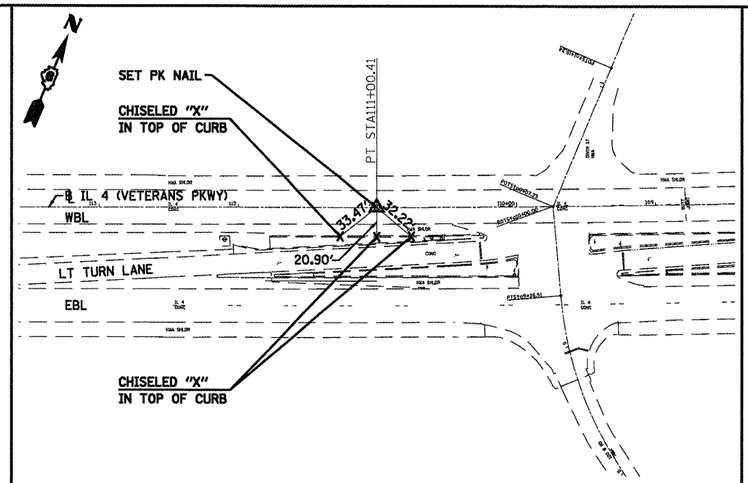
		DATE -	REVISED -		SCALE: 1' = 20' SHEET NO. 4 OF 4 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		

* 1-I(RS,TS-1)27RS-6,79Z&102RS-4



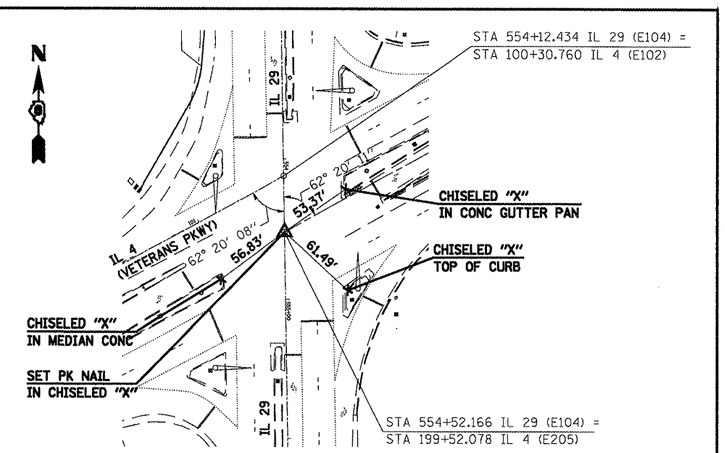
PC STA. 100+30.76

SET PK NAIL IN CHISELED "X"



PT STA. 111+00.41

SET PK NAIL



POT STA. 199+52.08

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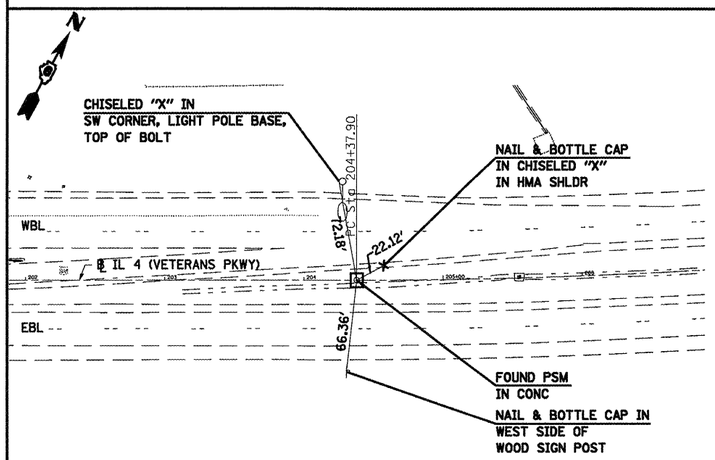
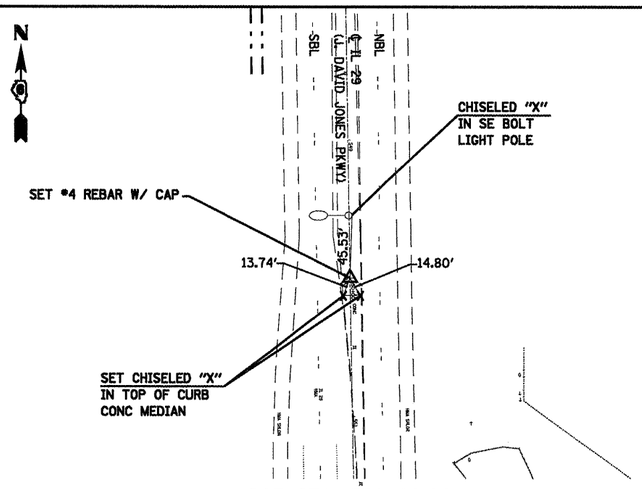


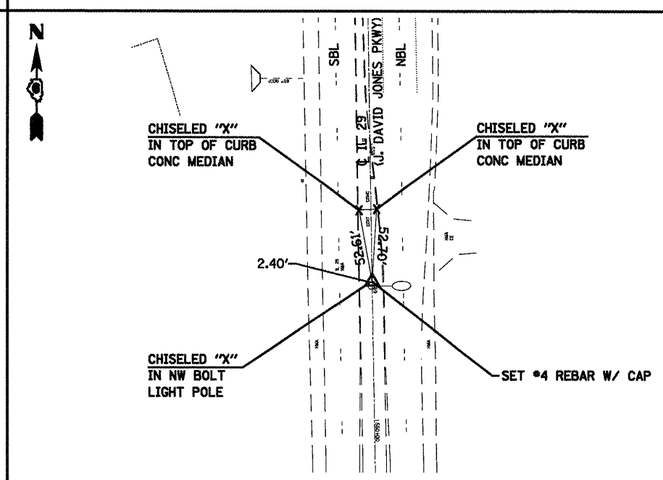
PC STA. 204+37.90

FOUND "PERMANENT SURVEY MARKER" IN CONCRETE



POT STA. 550+00.00

SET #4 REBAR WITH CAP



POT STA. 559+00.00

SET #4 REBAR WITH CAP

BENCHMARK DESCRIPTIONS

IL 4 (VETERANS PKWY) & IL 29 (J. DAVID JONES PKWY/WALNUT ST.)

BM TJM 1:
CHISELED SQUARE IN SW CORNER OF CONCRETE TRAFFIC SIGNAL FOUNDATION
LOCATED IN SOUTH MEDIAN OF IL 29 (JD JONES PKWY) AND BROWNING RD.
STA. 540+42.50, 1.0' RT.
NAVD 88 ELEV. = 572.10 FT

BM 555:
CHISELED SQUARE IN SE CORNER OF CONCRETE TRAFFIC SIGNAL MAST ARM FOUNDATION
IN SOUTHWEST ISLAND @ INTERSECTION OF IL 29 (JD JONES PKWY) AND IL 4 (VETERAN'S PKWY)
STA. 555+48.60, 49.70' RT.
NAVD 88 ELEV. = 537.64 FT

BM 556:
CHISELED SQUARE IN CONCRETE LIGHT POLE FOUNDATION
IN IL 29 MEDIAN, E. OF AIRPORT PLAZA, LOCATED S. OF VETERAN'S PKWY INTERSECTION.
STA. 568+02.00, 1.0' RT.
NAVD 88 ELEV. = 538.41 FT

FILE NAME =	USER NAME = laughlnrl	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TIES & BENCHMARKS, SECTION "A" IL 4 /IL 29 INTERSECTION	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\PWIDOT\LAUGHLINRL\dms47710\D72C35-sht-ATB.dgn		DRAWN -	REVISED -			658	*	SANGAMON	206	134
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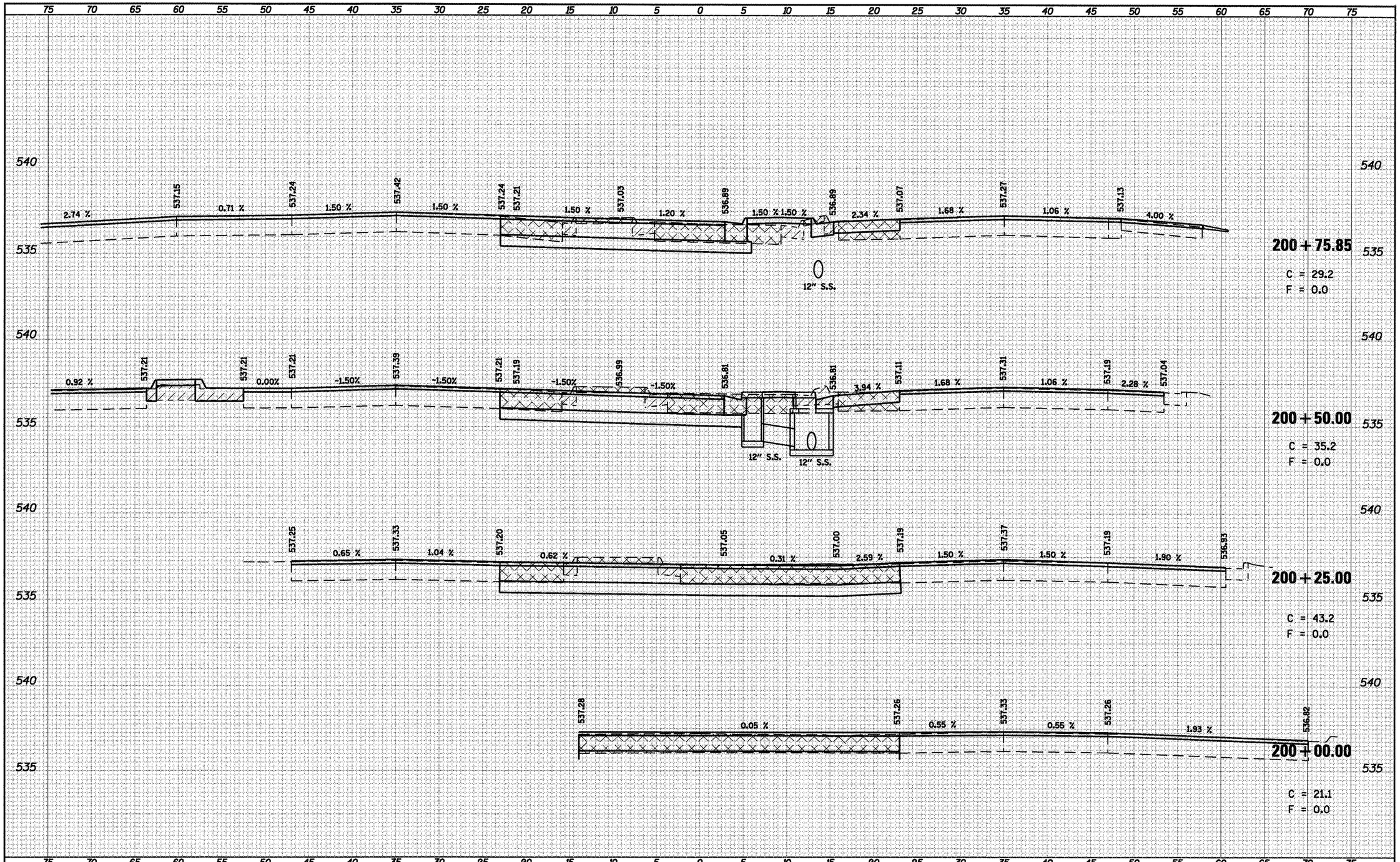
	PLOT DATE = Apr-30-2010 02:59:59PM	DATE -	REVISED -		SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		

* 1-1(RS,TS-1)27RS-6,79Z&102RS-4



FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK NO.		

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		DRAWN -	REVISED -
	PLOT SCALE = 10.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = Apr-30-2010 03:00:04PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION IMPROVEMENT
IL 4 – EAST LEG – CROSS SECTIONS

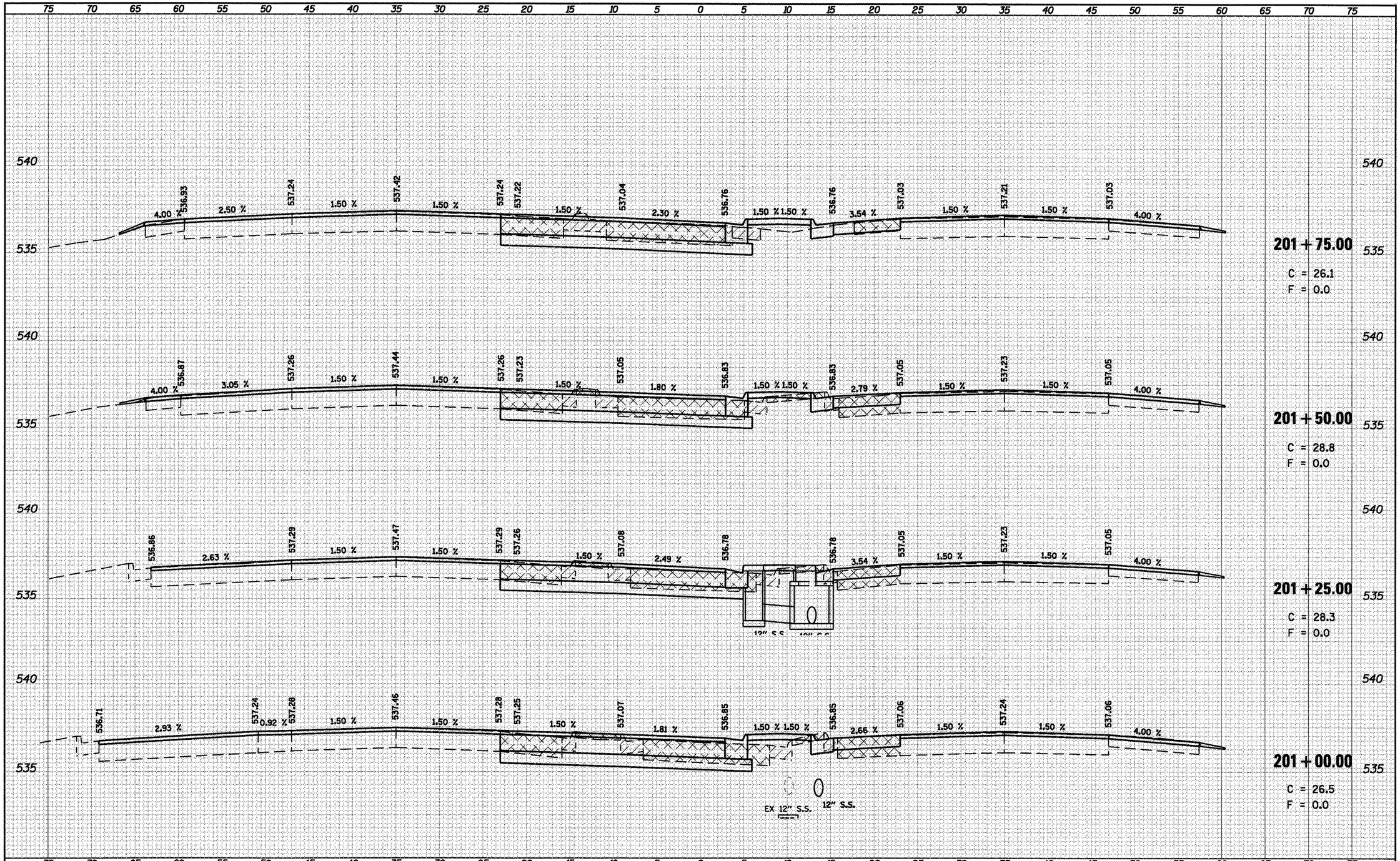
SCALE: 1' = 5' | SHEET NO. 1 OF 28 SHEETS | STA. 200+00.00 TO STA. 200+75.85

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	•	SANGAMON	206	135

CONTRACT NO. 72C35

ILLINOIS FED. AID PROJECT

• 1-I(RS,TS-1)27RS-6,79Z&102RS-4



FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK		
NO.		

FILE NAME = c:\pw_work\PWIDOT\LAUGHLINRL\dms47710\D672C35sht-xsect-IL4-East.dgn	USER NAME = laughlinrl	DESIGNED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION IMPROVEMENT
IL 4 – EAST LEG – CROSS SECTIONS

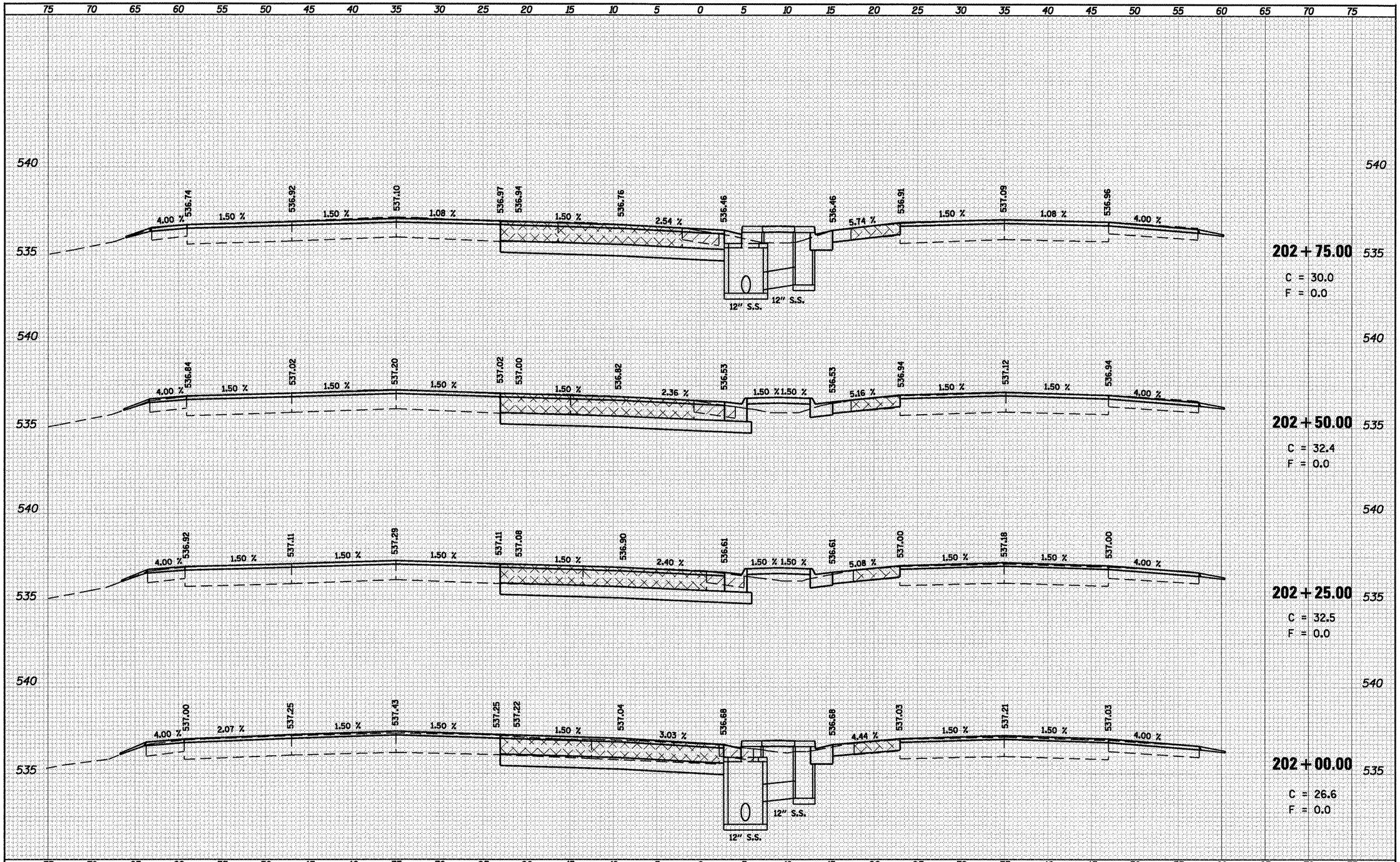
SCALE: 1' = 5' | SHEET NO. 2 OF 28 SHEETS | STA. 201+00.00 TO STA. 201+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	136

CONTRACT NO. 72C35

ILLINOIS FED. AID PROJECT

* 1-1(RS,TS-1)27RS-6,79Z&102RS-4



FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
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NOTE BOOK NO.		

FILE NAME =
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DESIGNED	-	REVISED	-
DRAWN	-	REVISED	-
CHECKED	-	REVISED	-
DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

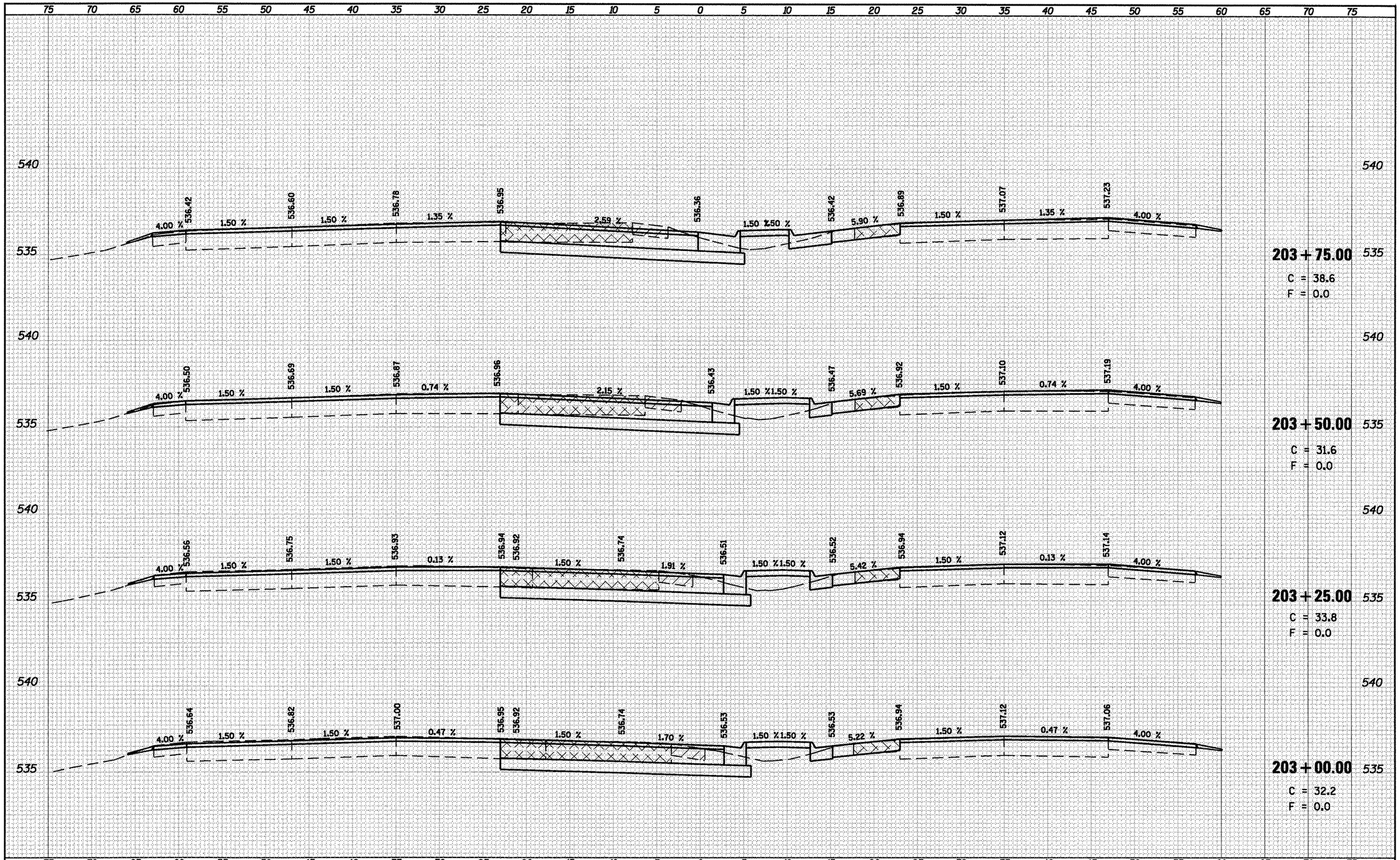
INTERSECTION IMPROVEMENT
IL 4 – EAST LEG – CROSS SECTIONS

SCALE: 1' = 5' | SHEET NO. 3 OF 28 SHEETS | STA. 202+00.00 TO STA. 202+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	137

CONTRACT NO. 72C35
ILLINOIS FED. AID PROJECT

* 1-1(RS,TS-1)127RS-6,T9Z&102RS-4



FINAL SURVEY	BY	DATE
SURVEYED		
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TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK		
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ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
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AREAS		
AREAS CHECKED		
NOTE BOOK		
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FILE NAME = c:\pw_work\PWIDOT\LAUGHLINRL\dms47710\D672C35sht-xsect-IL4-East.dgn

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PLOT DATE = Apr-30-2010 03:00:18PM

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
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REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION IMPROVEMENT
IL 4 – EAST LEG – CROSS SECTIONS

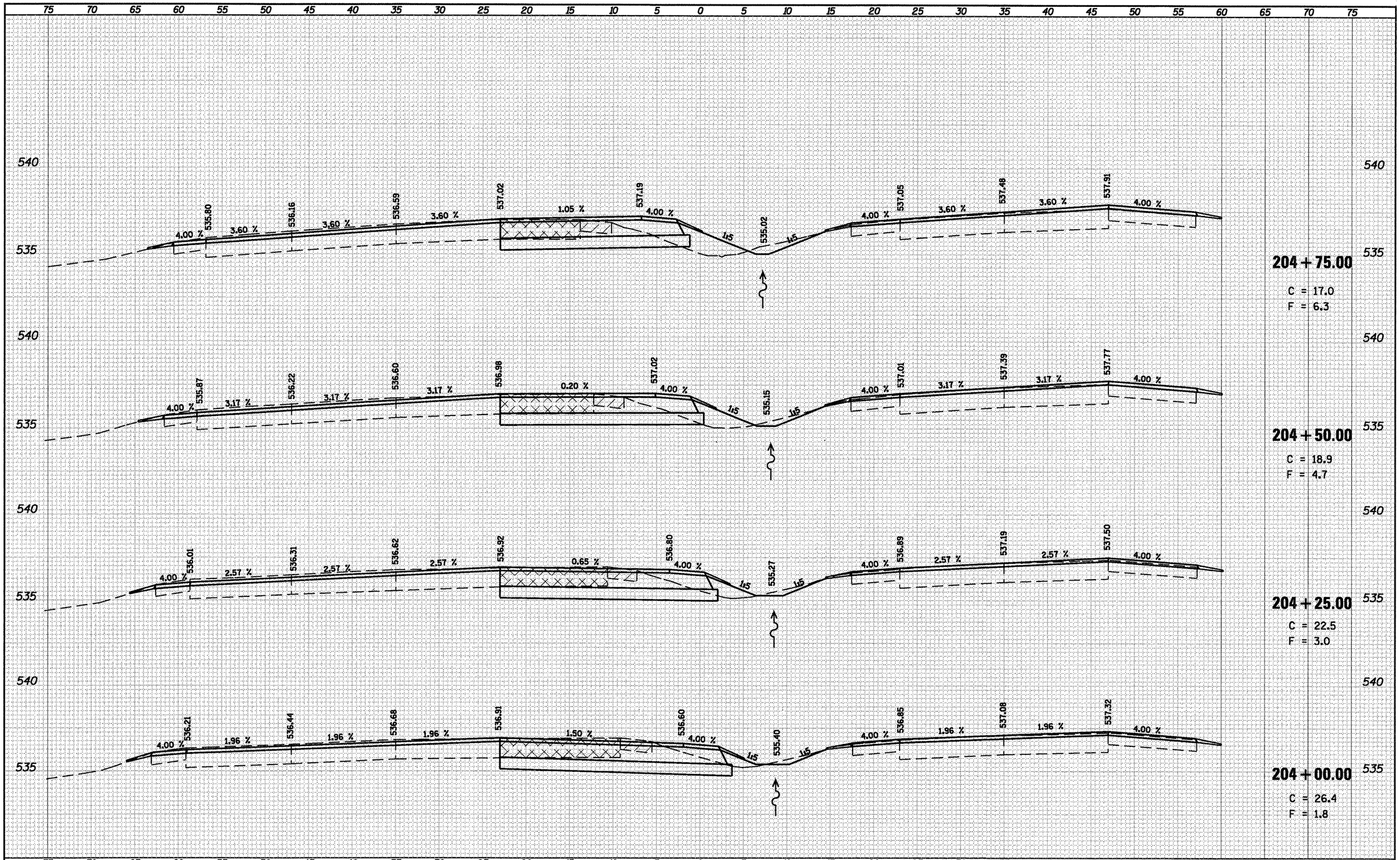
SCALE: 1' = 5' | SHEET NO. 4 OF 28 SHEETS | STA. 203+00.00 TO STA. 203+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	•	SANGAMON	206	138

CONTRACT NO. 72C35

ILLINOIS FED. AID PROJECT

• 1-I(RS,TS-1)27RS-6,79Z&102RS-4



FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK NO.		

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PLOT DATE = Apr-30-2010 03:00:23PM

DESIGNED -
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CHECKED -
DATE -

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REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION IMPROVEMENT
IL 4 – EAST LEG – CROSS SECTIONS

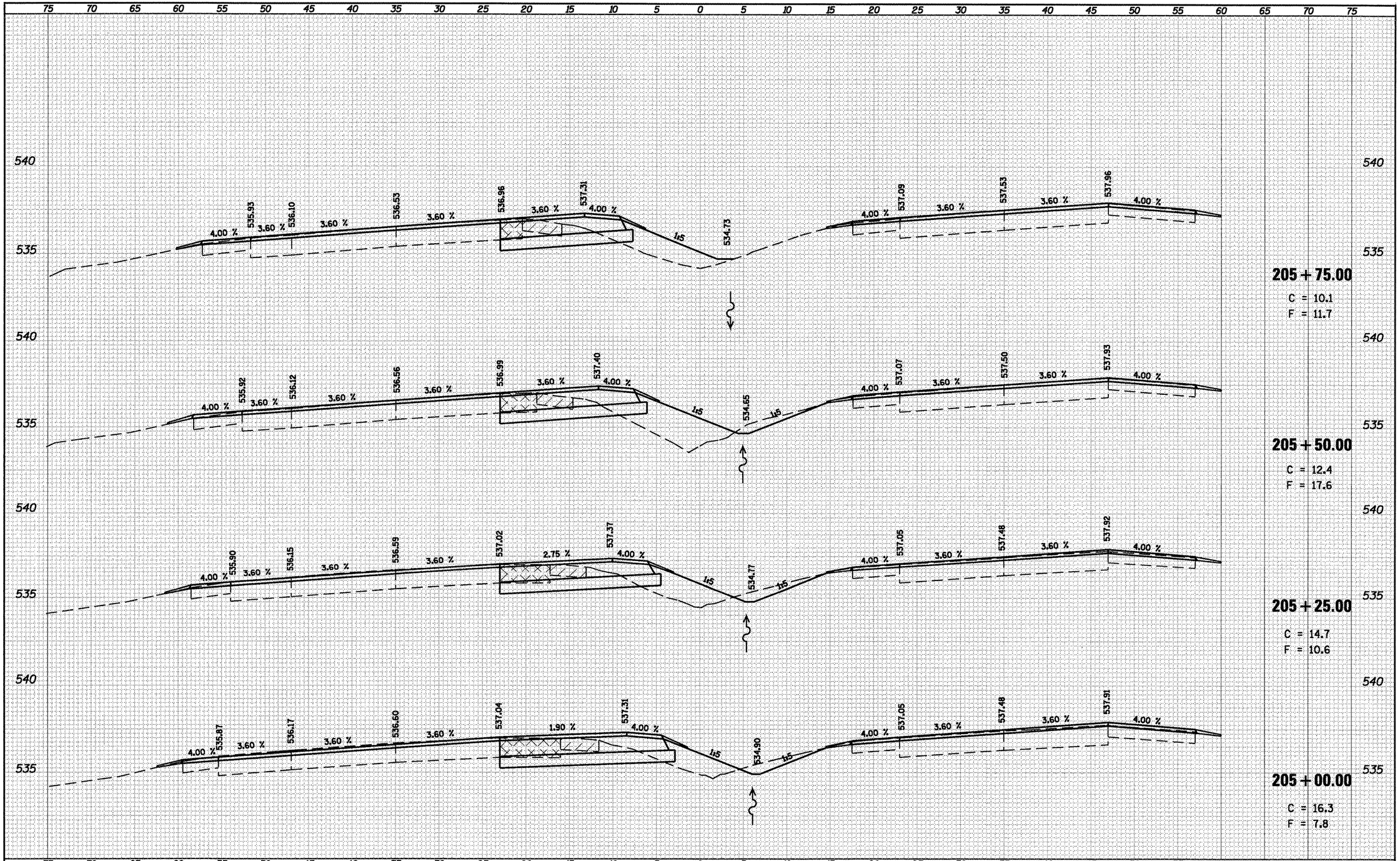
SCALE: 1' = 5' | SHEET NO. 5 OF 28 SHEETS | STA. 204+00.00 TO STA. 204+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	•	SANGAMON	206	139

CONTRACT NO. 72C35

ILLINOIS FED. AID PROJECT

• 1-1(RS,TS-1)27RS-6,79Z&102RS-4



FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
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AREAS CHECKED		
NOTE BOOK NO.		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION IMPROVEMENT
IL 4 – EAST LEG – CROSS SECTIONS

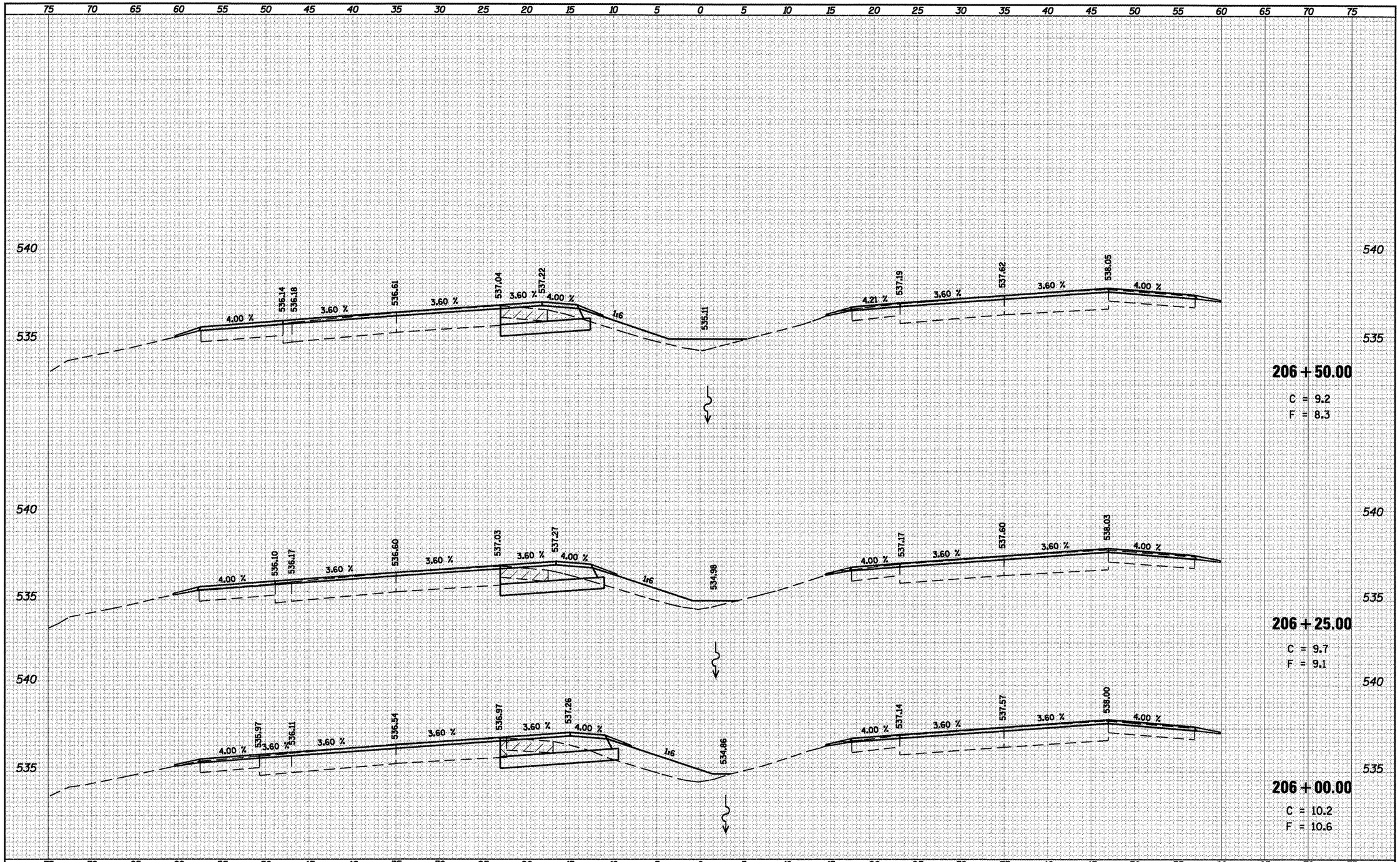
SCALE: 1' = 5' | SHEET NO. 6 OF 28 SHEETS | STA. 205+00.00 TO STA. 205+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	140

CONTRACT NO. 72C35

ILLINOIS FED. AID PROJECT

* 1-IGRS,TS-1)27RS-6,T9Z&102RS-4



FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK		
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ORIGINAL SURVEY	BY	DATE
SURVEYED		
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION IMPROVEMENT
IL 4 – EAST LEG – CROSS SECTIONS

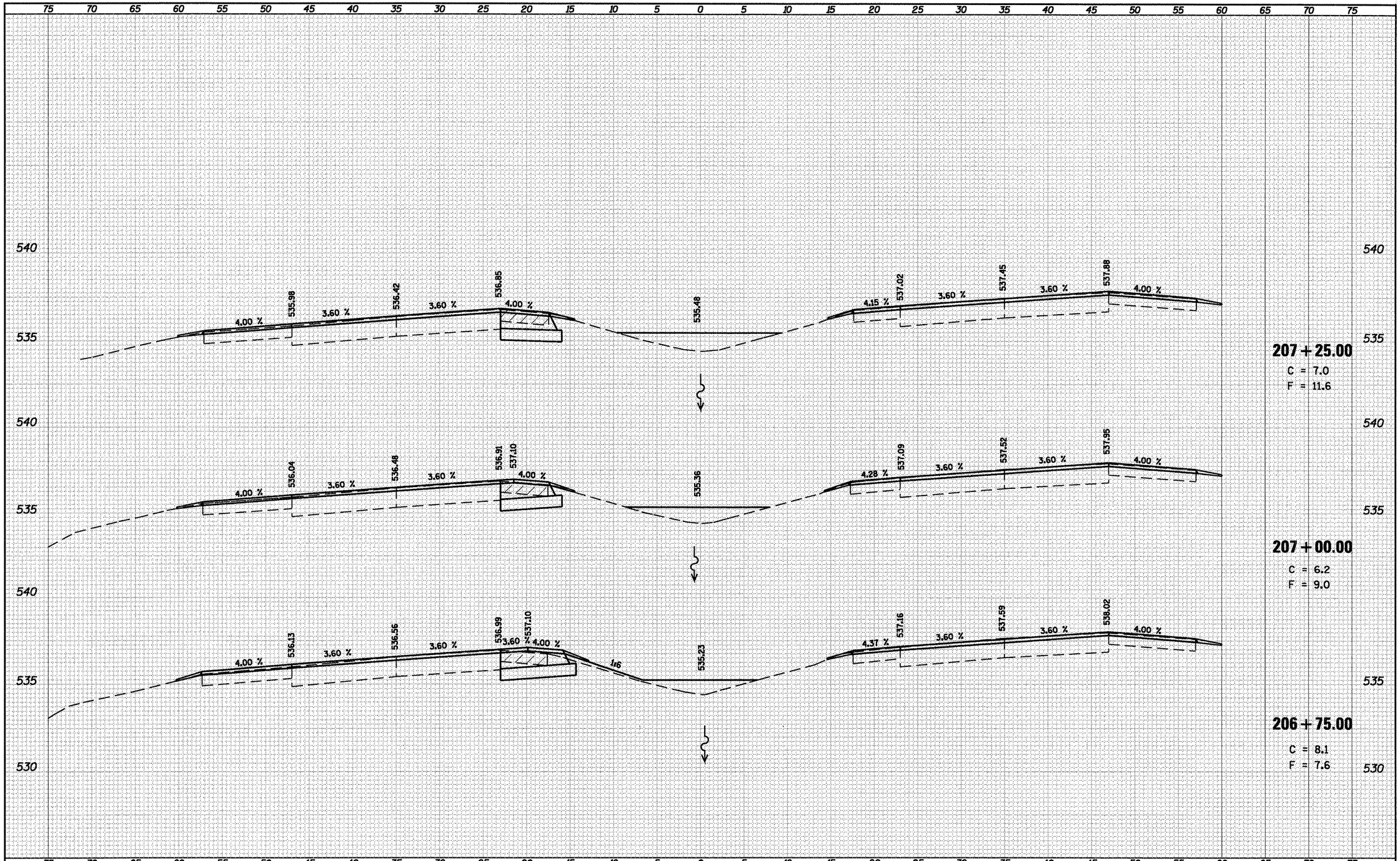
SCALE: 1' = 5' | SHEET NO. 7 OF 28 SHEETS | STA. 206+00.00 TO STA. 206+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	141

CONTRACT NO. 72C35

ILLINOIS FED. AID PROJECT

* 1-1(RS,TS-1)27RS-6,79Z&102RS-4



FINAL SURVEY		BY	DATE
SURVEYED			
PLOTTED			
TEMPLATE			
AREAS			
AREAS CHECKED			
NOTE BOOK			
NO.			

ORIGINAL SURVEY		BY	DATE
SURVEYED			
PLOTTED			
TEMPLATE			
AREAS			
AREAS CHECKED			
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION IMPROVEMENT
IL 4 – EAST LEG – CROSS SECTIONS

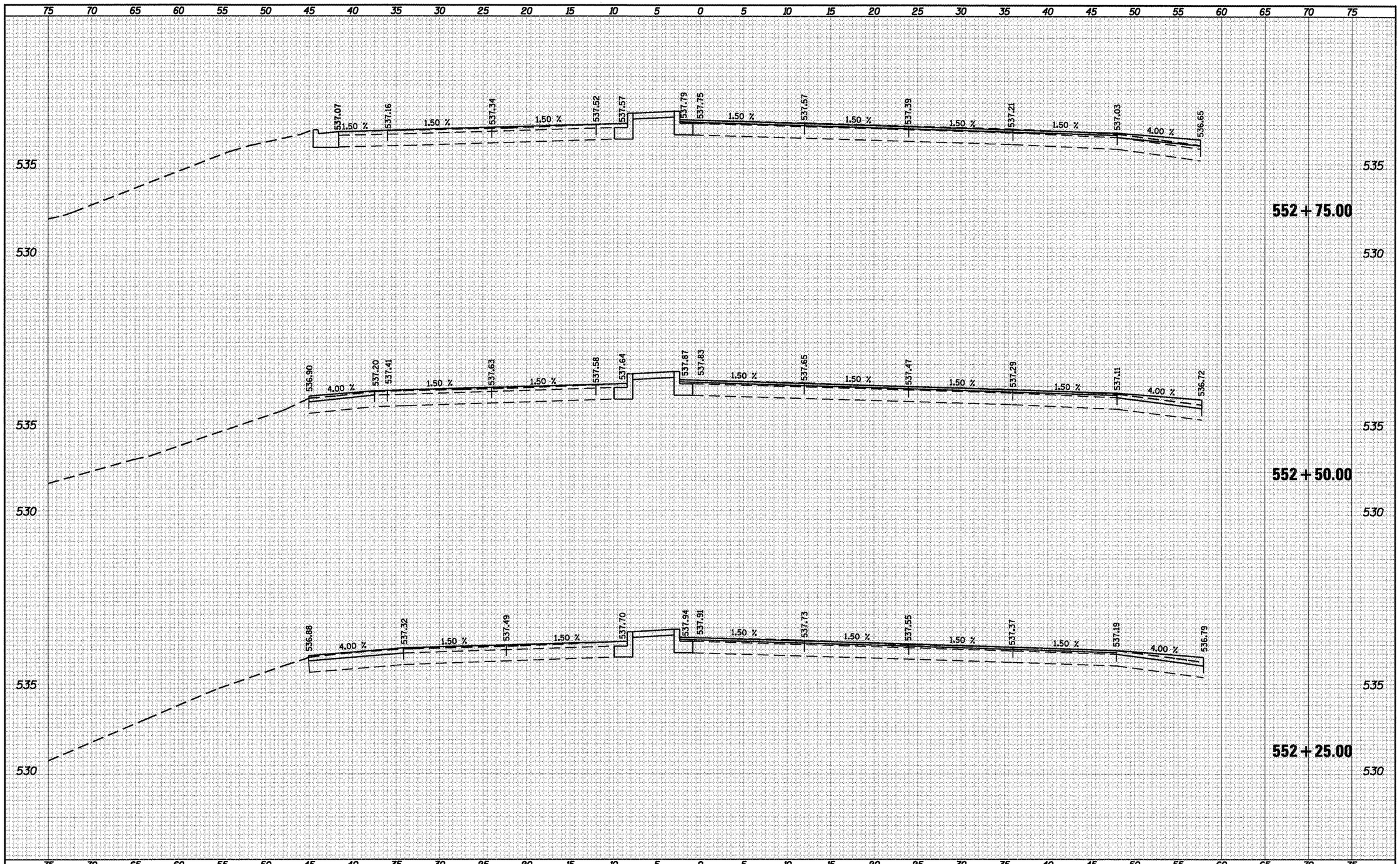
SCALE: 1' = 5' | SHEET NO. 8 OF 28 SHEETS | STA. 206+75.00 TO STA. 207+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	142

CONTRACT NO. 72C35

ILLINOIS FED. AID PROJECT

* 1-I(RS,TS-1)27RS-6,79Z&102RS-4



FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
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TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK NO.		

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DESIGNED -	REVISED -	
DRAWN -	REVISED -	
CHECKED -	REVISED -	
DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

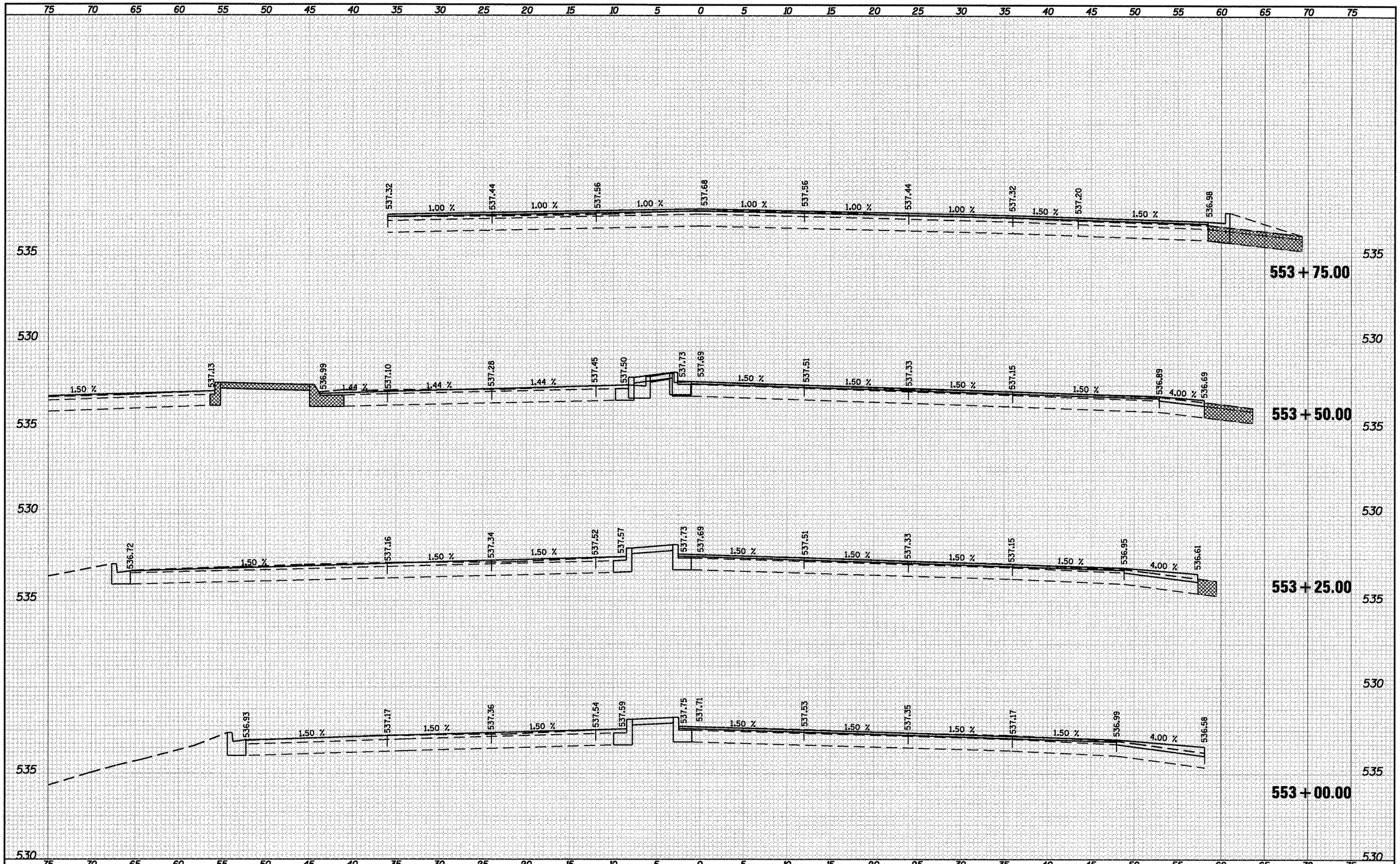
INTERSECTION IMPROVEMENT
IL 29 - CROSS SECTIONS

SCALE: 1" = 5' | SHEET NO. 9 OF 28 SHEETS | STA. 552+25.00 TO STA. 552+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	143
		CONTRACT NO. 72C35		

ILLINOIS FED. AID PROJECT

* 1-IGRS,TS-1127RS-6,79Z&102RS-4



FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
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AREAS		
AREAS CHECKED		
NOTE BOOK		
NO.		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION IMPROVEMENT
IL 29 – CROSS SECTIONS

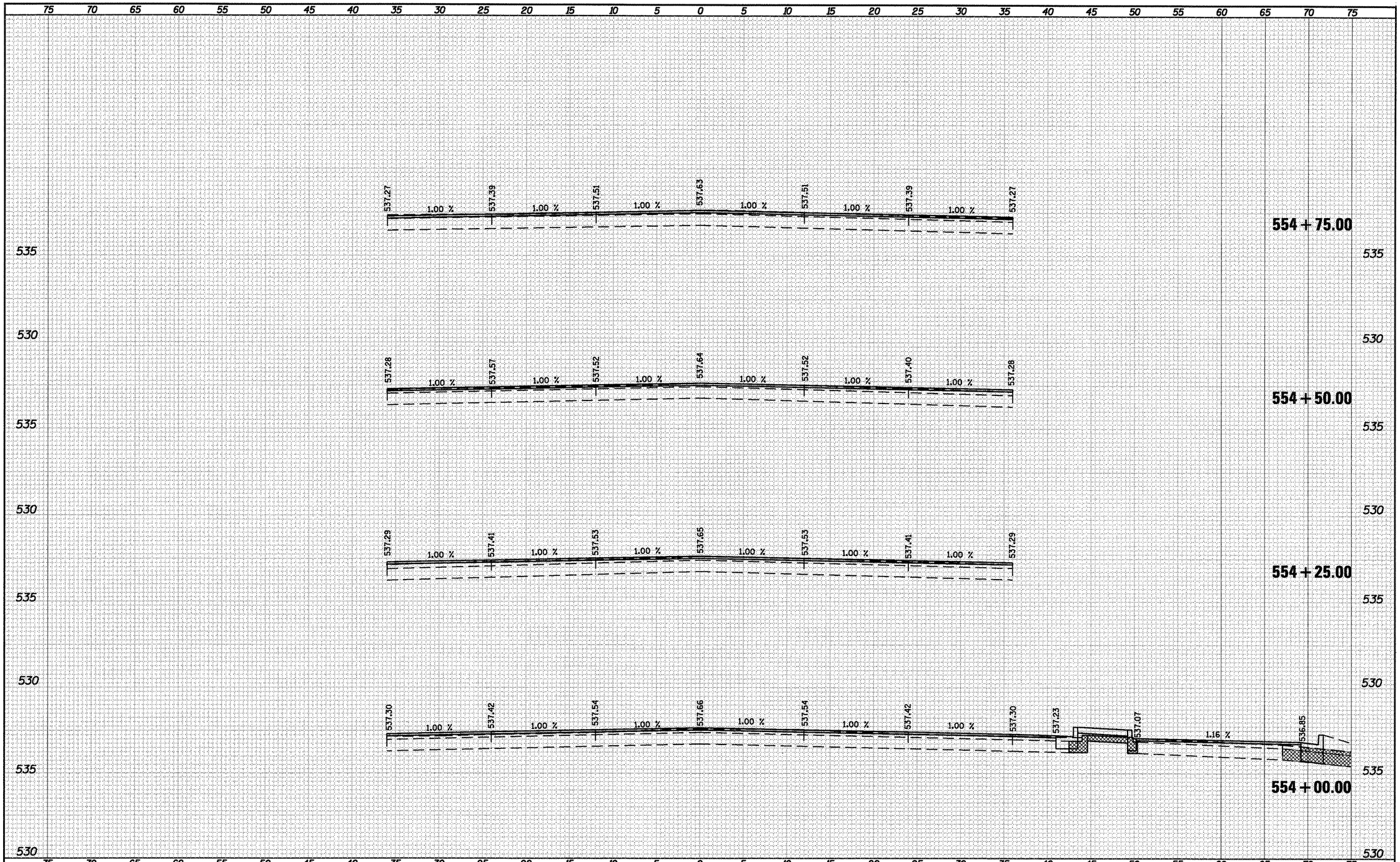
SCALE: 1" = 5' | SHEET NO. 10 OF 28 SHEETS | STA. 553+00.00 TO STA. 553+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	•	SANGAMON	206	144

CONTRACT NO. 72C35

ILLINOIS FED. AID PROJECT

• 1-I(RS,TS-1)27RS-6,79Z&102RS-4



FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK NO.		

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DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION IMPROVEMENT
IL 29 – CROSS SECTIONS

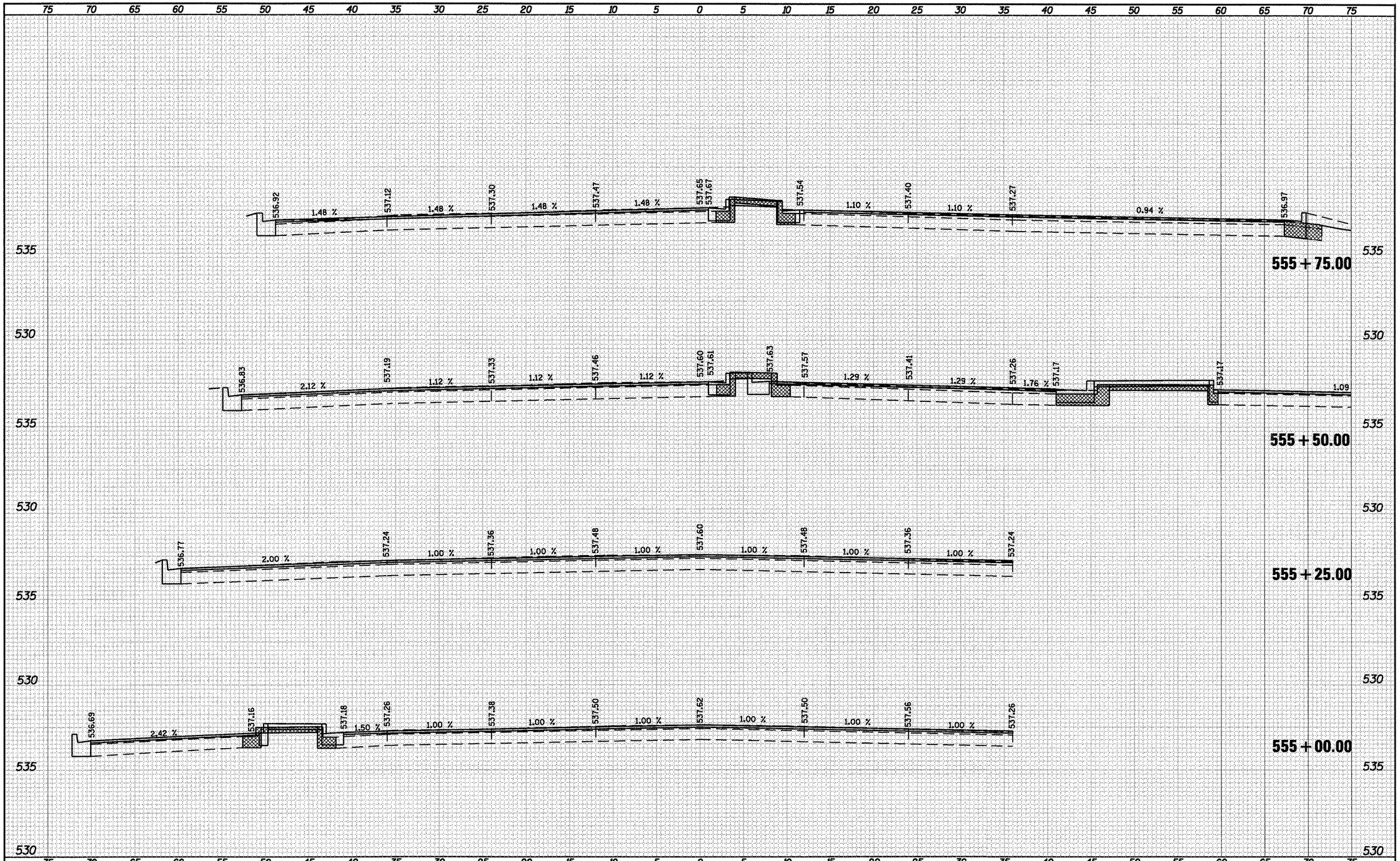
SCALE: 1" = 5' | SHEET NO. 11 OF 28 SHEETS | STA. 554+00.00 TO STA. 554+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	•	SANGAMON	206	145

CONTRACT NO. 72C35

ILLINOIS FED. AID PROJECT

• 1-1(RS,TS-1)27RS-6,79Z&102RS-4



FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

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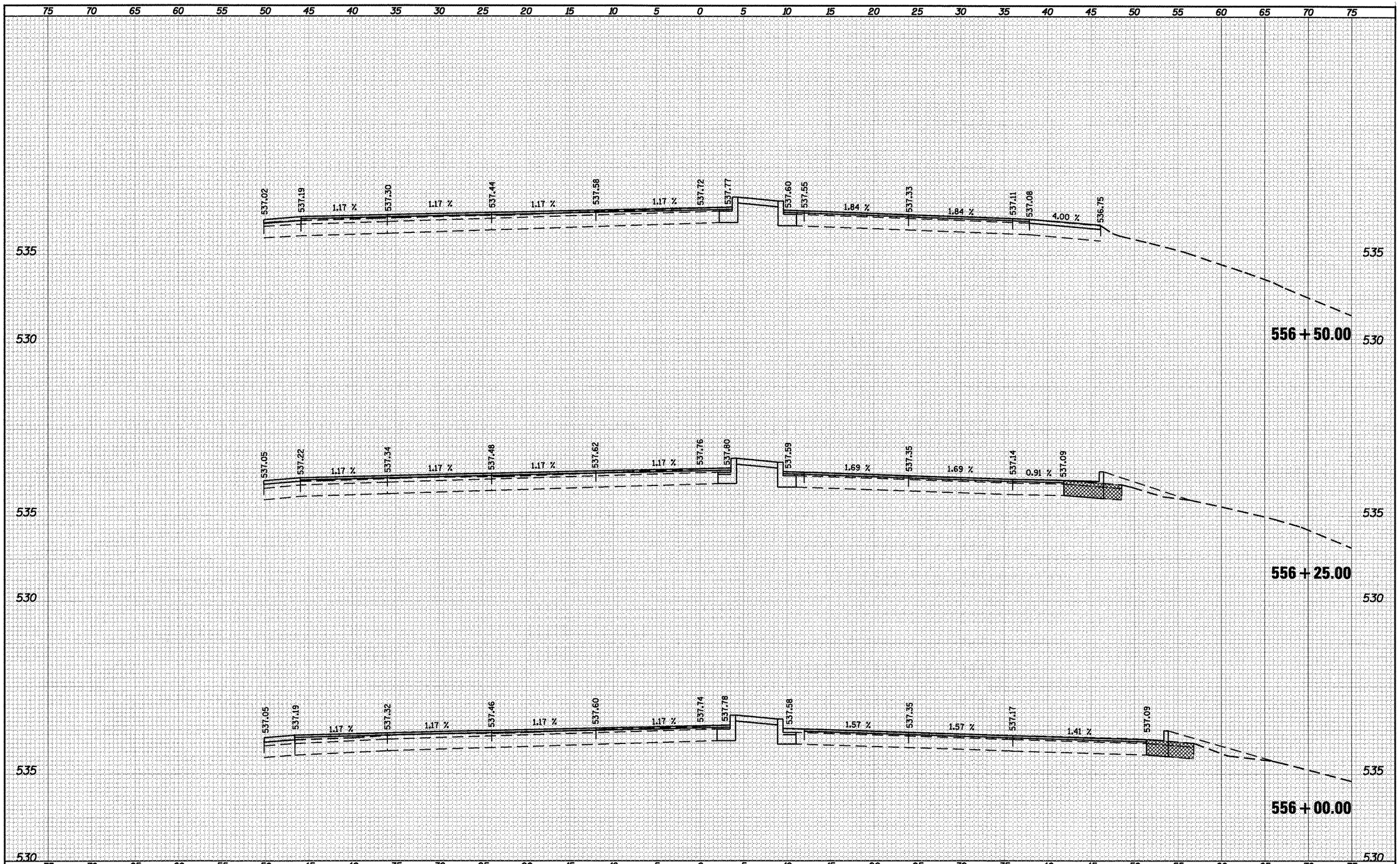
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION IMPROVEMENT
IL 29 - CROSS SECTIONS

SCALE: 1" = 5' | SHEET NO. 12 OF 28 SHEETS | STA. 555+00.00 TO STA. 555+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	146
		CONTRACT NO. 72C35		
		ILLINOIS FED. AID PROJECT		

* 1-1(RS,TS-1)27RS-6,79Z&102RS-4



FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK		
NO.		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION IMPROVEMENT
IL 29 – CROSS SECTIONS

SCALE: 1" = 5' | SHEET NO. 13 OF 28 SHEETS | STA. 556+00.00 TO STA. 556+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	147
		CONTRACT NO. 72C35		
		ILLINOIS FED. AID PROJECT		

* 1-1(RS,TS-1)27RS-6,79Z&102RS-4

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
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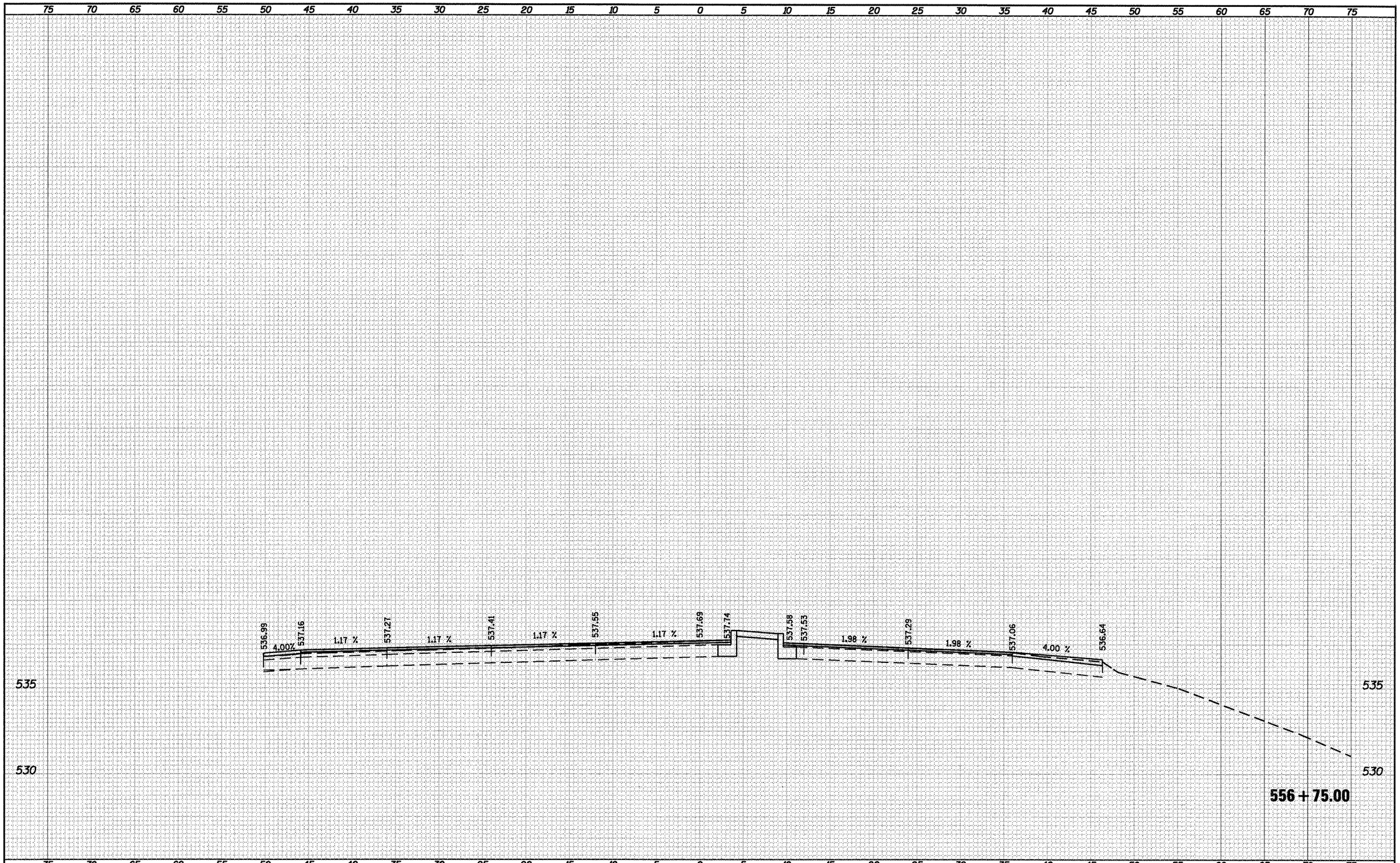
NOTE BOOK NO.		



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	PLOT DATE = Apr-30-2010 03:04:17PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION IMPROVEMENT
IL 29 - CROSS SECTIONS

SCALE: 1" = 5' | SHEET NO. 14 OF 28 SHEETS | STA. 556+75.00 TO STA. 556+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	- •	SANGAMON	206	148

CONTRACT NO. 72C35

ILLINOIS FED. AID PROJECT

• 1-1(RS,TS-1)127RS-6,79Z&102RS-4

FINAL SURVEY		BY	DATE
NOTE BOOK NO.	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK NO.	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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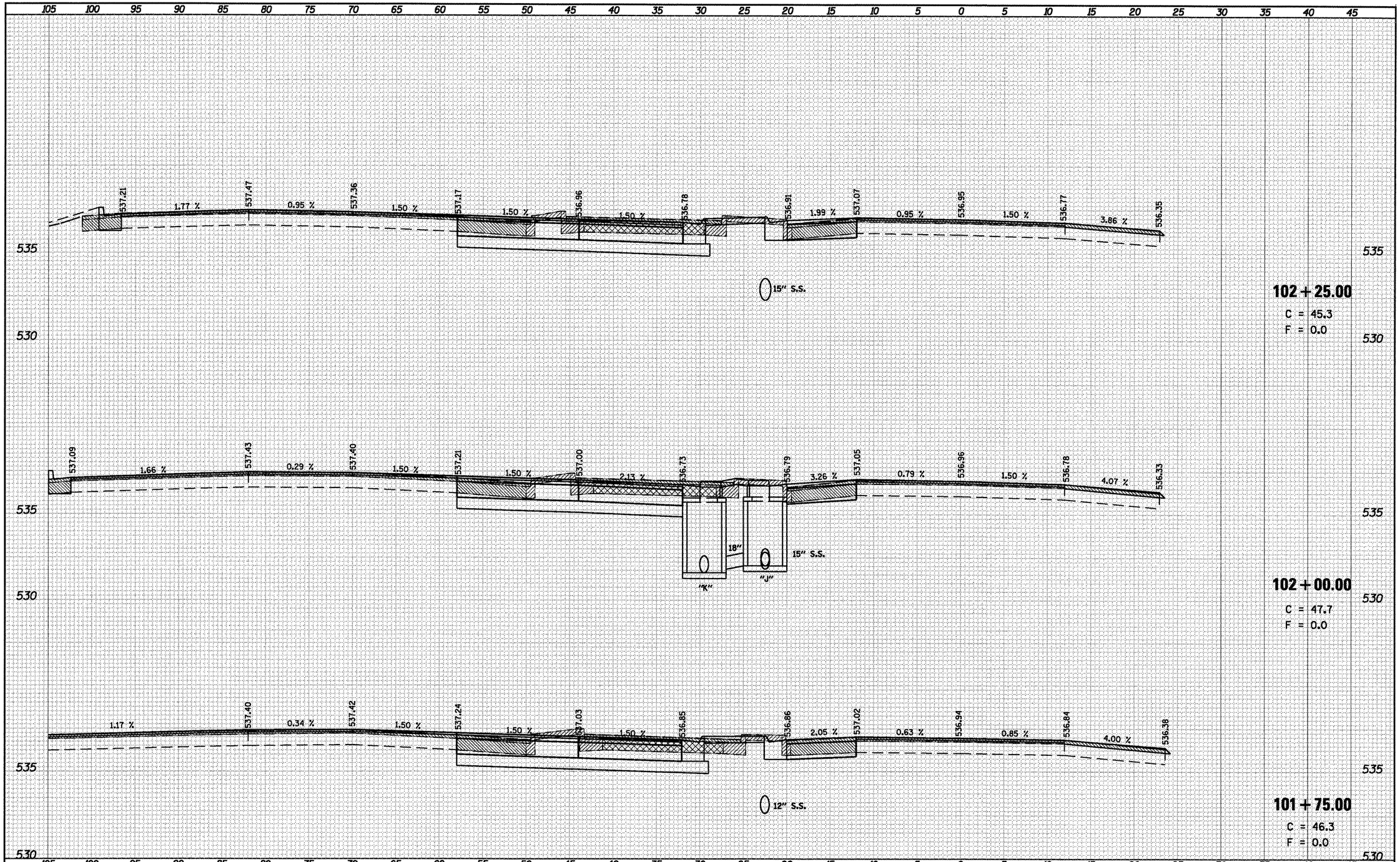
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION IMPROVEMENT
IL 4 – WEST LEG – CROSS SECTIONS

SCALE: 1" = 5' | SHEET NO. 15 OF 28 SHEETS | STA. 100+75.00 TO STA. 101+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	149
		CONTRACT NO. 72C35		
		ILLINOIS FED. AID PROJECT		

* I-1(RS,TS-1)27RS-6,79Z&102RS-4



FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK NO.		

FILE NAME = c:\pw_work\PWIDOT\LAUGHLINRL\dms47710\D572C35xs-sht-i14.dgn	USER NAME = laughlinrl	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 10.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = Apr-30-2010 03:04:26PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION IMPROVEMENT
IL 4 - WEST LEG - CROSS SECTIONS

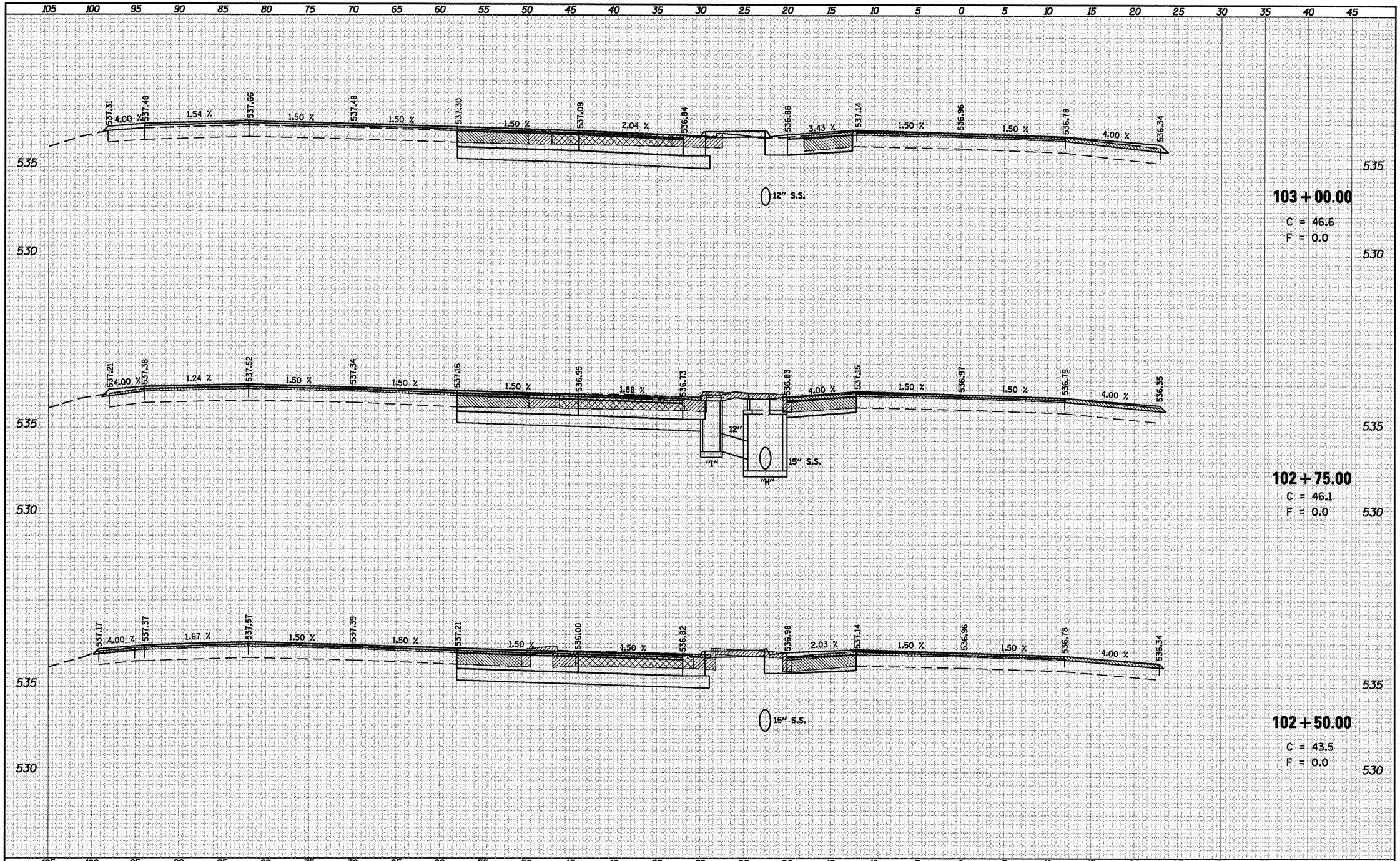
SCALE: 1" = 5' | SHEET NO. 16 OF 28 SHEETS | STA. 101+75.00 TO STA. 102+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	150

CONTRACT NO. 72C35

ILLINOIS FED. AID PROJECT

* I-1(RS,TS-1)27RS-6,79Z&102RS-4



FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK NO.		

FILE NAME = c:\pw_work\PWIDOT\LAUGHLINRL\dms47710\D672C35xs-sht-i14.dgn	USER NAME = laughlinrl	DESIGNED -	REVISED -
		DRAWN -	REVISED -
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	PLOT DATE = Apr-30-2010 03:12:11PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION IMPROVEMENT
IL 4 – WEST LEG – CROSS SECTIONS

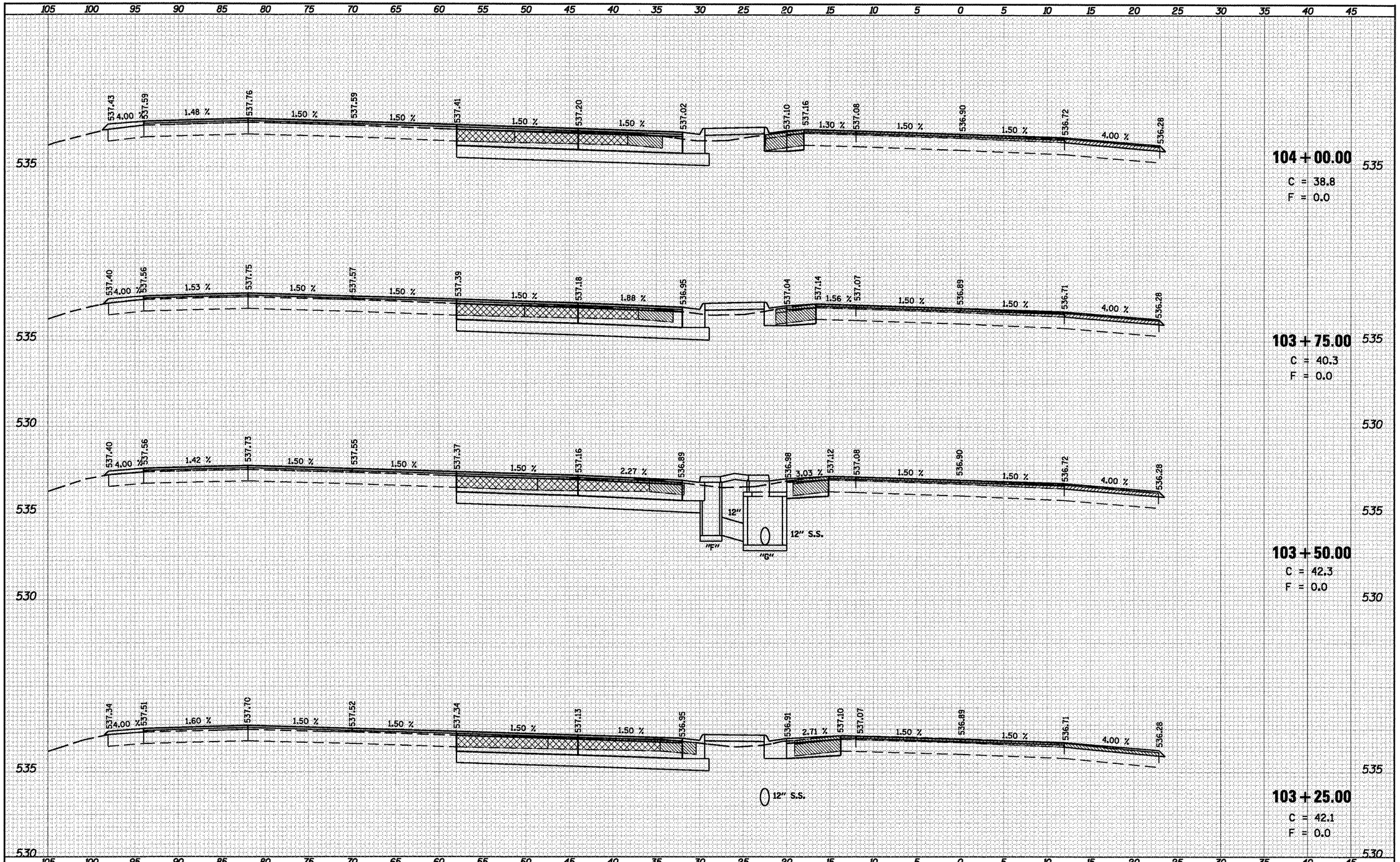
SCALE: 1" = 5' | SHEET NO. 17 OF 28 SHEETS | STA. 102+50.00 TO STA. 103+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	151

CONTRACT NO. 72C35

ILLINOIS FED. AID PROJECT

* 1-I(RS,TS-1)27RS-6,79Z&102RS-4



FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TRAVERSE		
NOTE BOOK		
NO.	AREAS CHECKED	

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TRAVERSE		
NOTE BOOK		
NO.	AREAS CHECKED	

FILE NAME = c:\pw_work\PWIDOT\LAUGHLINRL\dms47710\D672C35xs-sht-i14.dgn	USER NAME = laughlinrl	DESIGNED -	REVISED -
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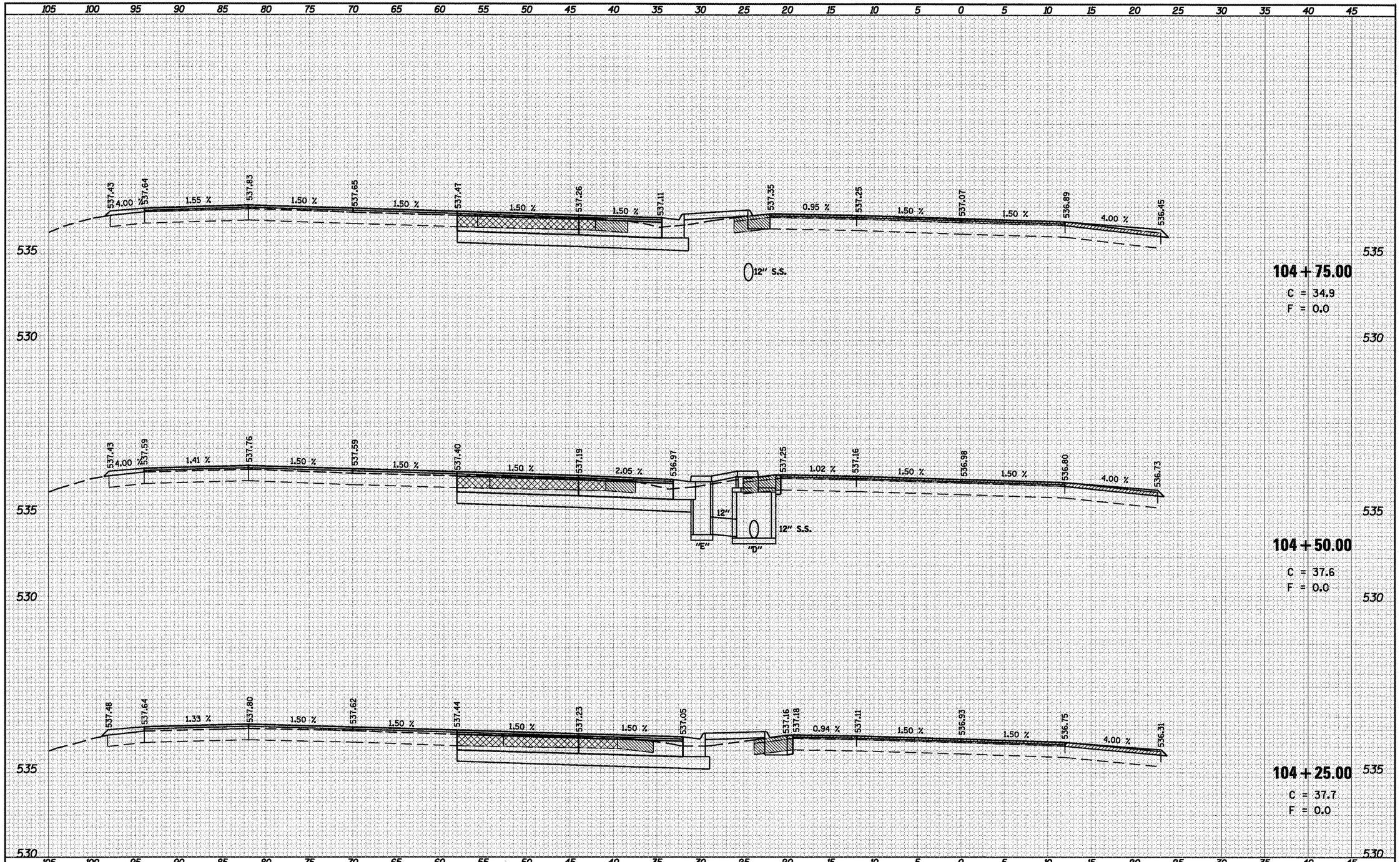
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION IMPROVEMENT
IL 4 – WEST LEG – CROSS SECTIONS

SCALE: 1" = 5' | SHEET NO. 18 OF 28 SHEETS | STA. 103+25.00 TO STA. 104+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	•	SANGAMON	206	152
		CONTRACT NO. 72C35		
		ILLINOIS FED. AID PROJECT		

• I-1(RS,TS-1)27RS-6,T9Z&102RS-4



FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK		
NO.		

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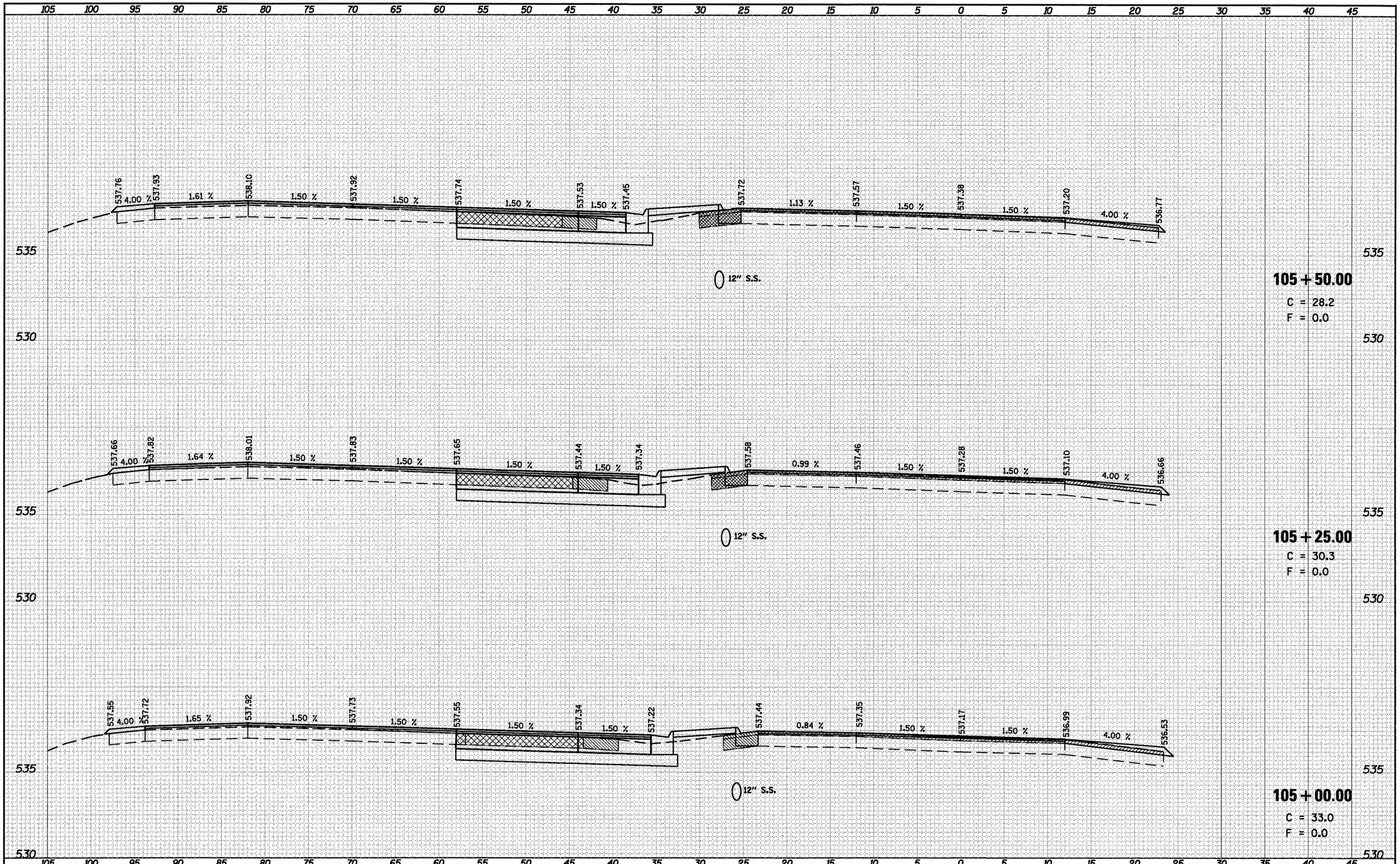
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION IMPROVEMENT
IL 4 - WEST LEG - CROSS SECTIONS

SCALE: 1" = 5' | SHEET NO. 19 OF 28 SHEETS | STA. 104+25.00 TO STA. 104+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	153
		CONTRACT NO. 72C35		
		ILLINOIS FED. AID PROJECT		

* I-1(RS,TS-1)27RS-6,79Z&102RS-4



FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK NO.		

FILE NAME = c:\pw_work\PWIDOT\LAUGHLINRL\dma47710\D672C35xs-sht-14.dgn

USER NAME = laughlinrl
PLOT SCALE = 10.0000 ' / IN.
PLOT DATE = Apr-30-2010 03:12:28PM

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION IMPROVEMENT
IL 4 - WEST LEG - CROSS SECTIONS

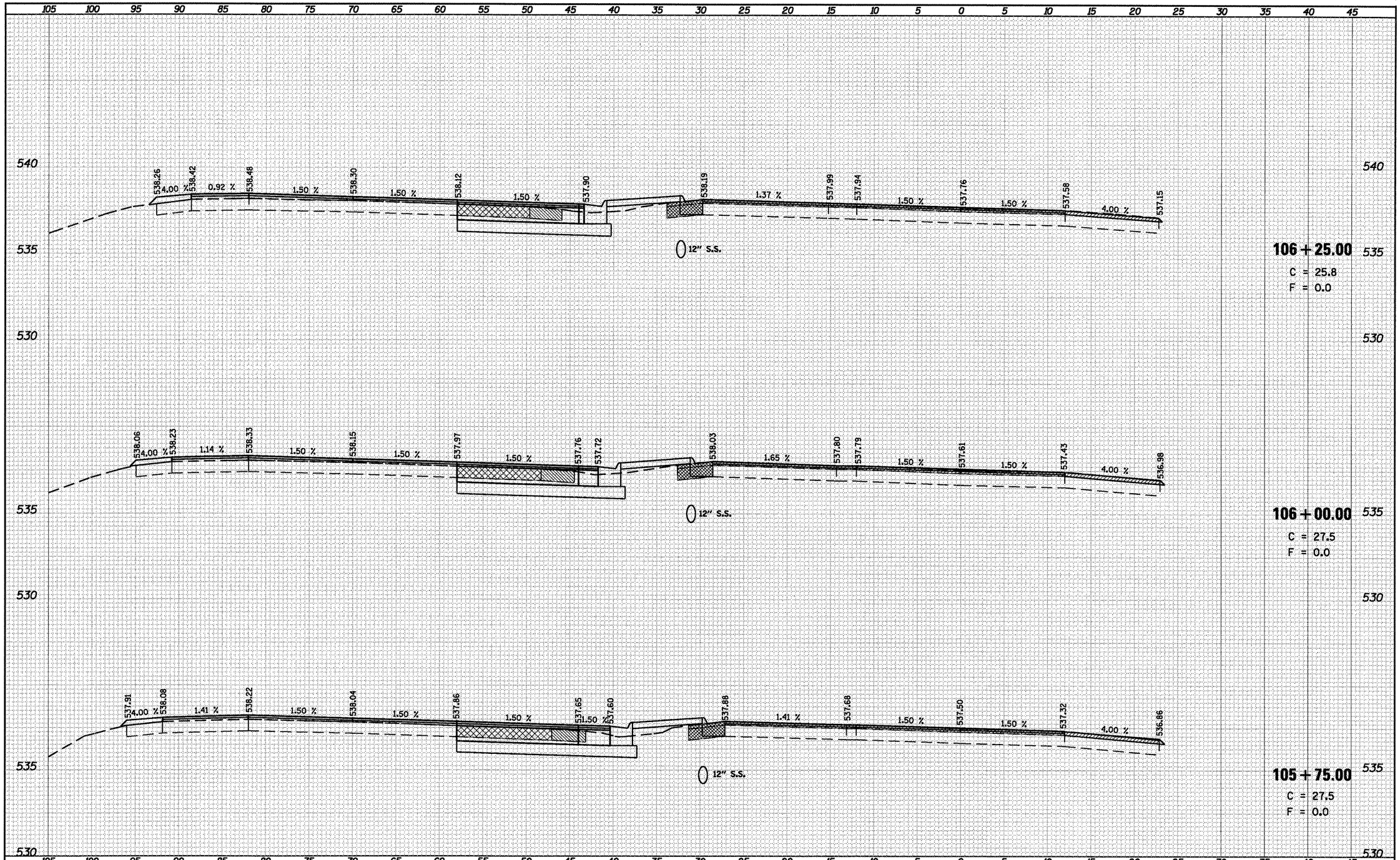
SCALE: 1" = 5' | SHEET NO. 20 OF 28 SHEETS | STA. 105+00.00 TO STA. 105+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	154

CONTRACT NO. 72C35

ILLINOIS FED. AID PROJECT

* 1-I(RS,TS-1)27RS-6,79Z&102RS-4



FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK NO.		

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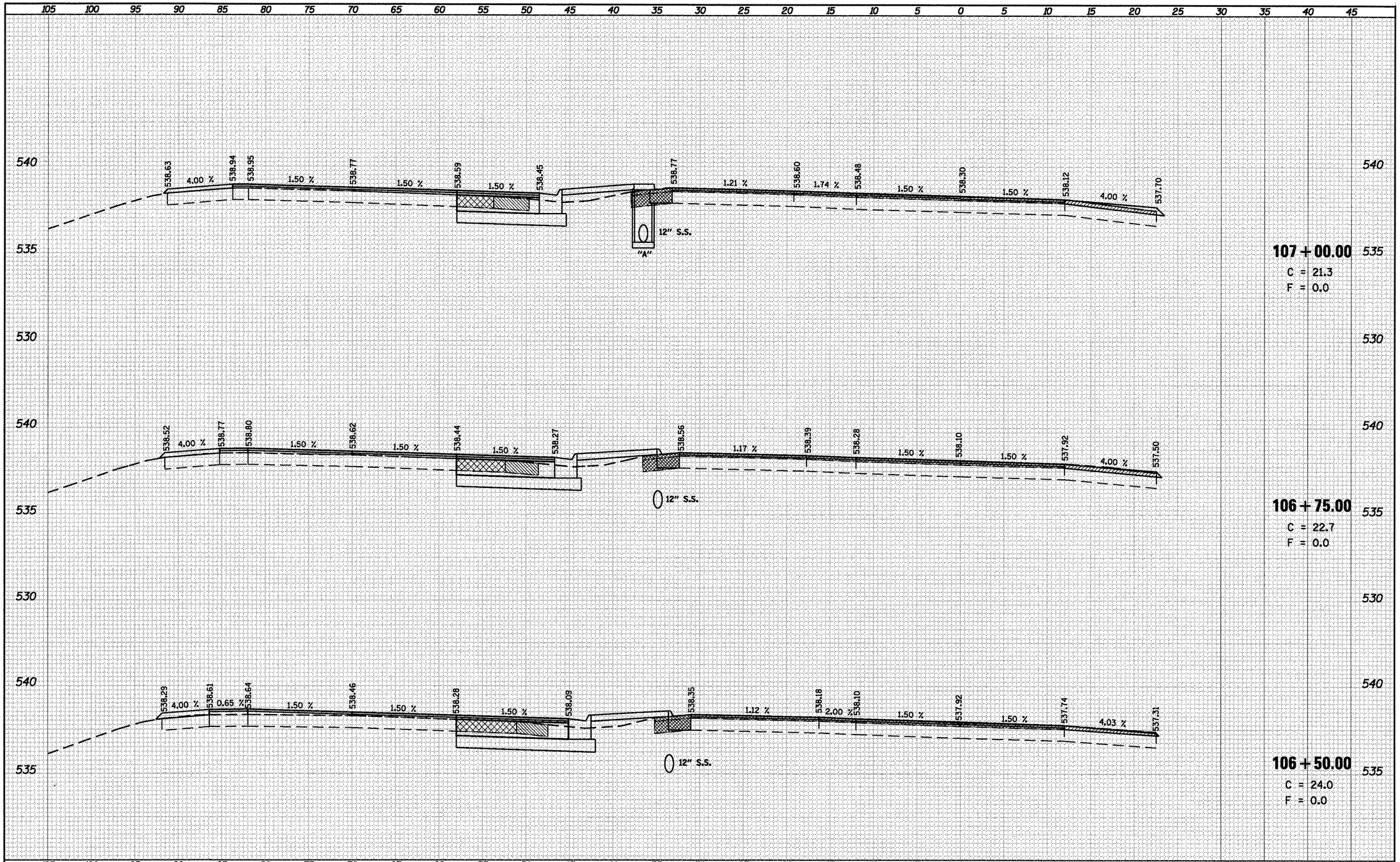
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION IMPROVEMENT
IL 4 – WEST LEG – CROSS SECTIONS

SCALE: 1" = 5' | SHEET NO. 21 OF 28 SHEETS | STA. 105+75.00 TO STA. 106+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	155
		CONTRACT NO. 72C35		
		ILLINOIS FED. AID PROJECT		

* I-1(RS,TS-1)27RS-6,79Z&102RS-4



FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		
NO.			

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
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NO.			

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION IMPROVEMENT
IL 4 – WEST LEG – CROSS SECTIONS

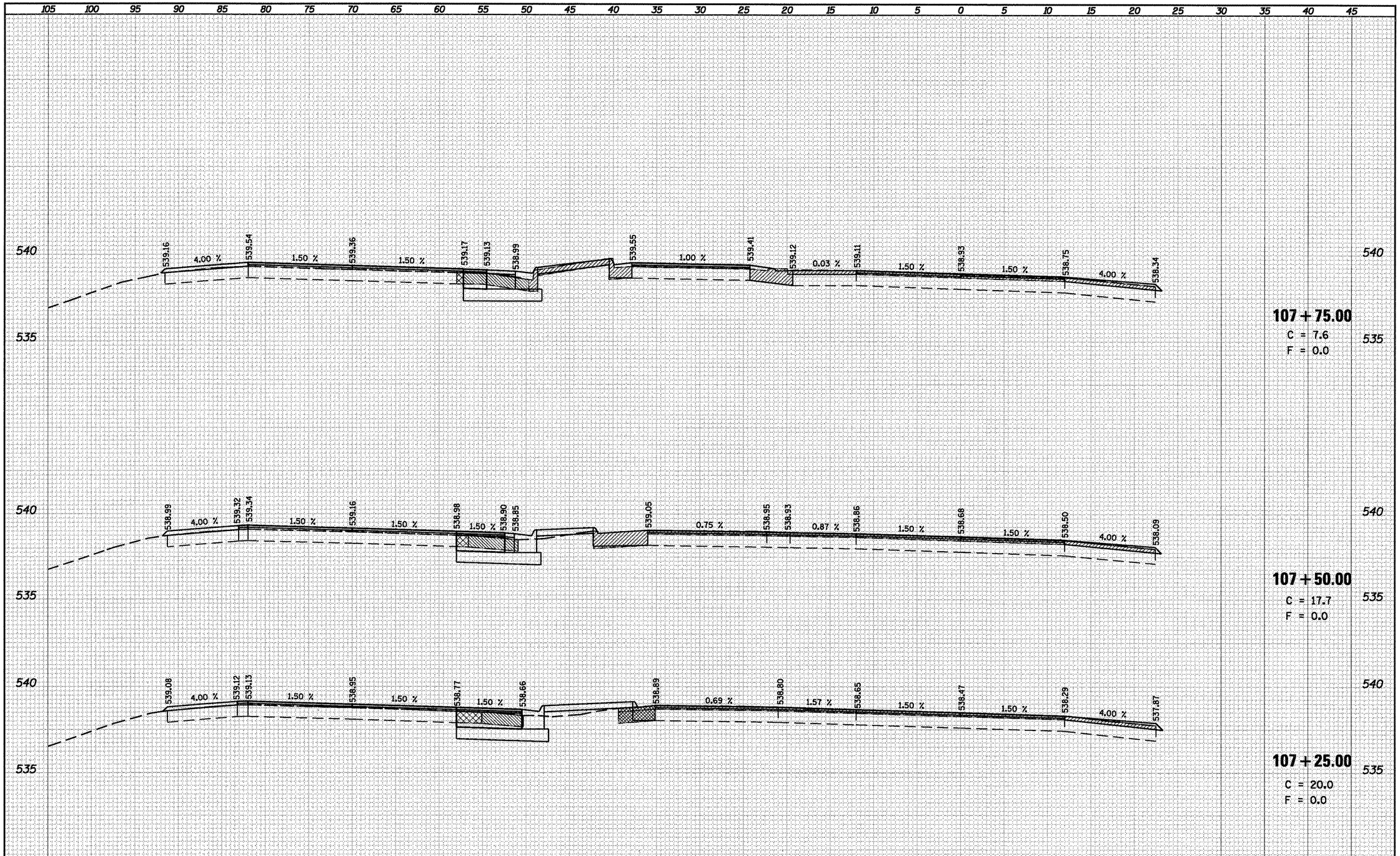
SCALE: 1" = 5' | SHEET NO. 22 OF 28 SHEETS | STA. 106+50.00 TO STA. 107+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	•	SANGAMON	206	156

CONTRACT NO. 72C35

ILLINOIS FED. AID PROJECT

• 1-I(RS,TS-1)27(RS-6,79Z&102RS-4



FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK NO.		

105 100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION IMPROVEMENT
IL 4 – WEST LEG – CROSS SECTIONS

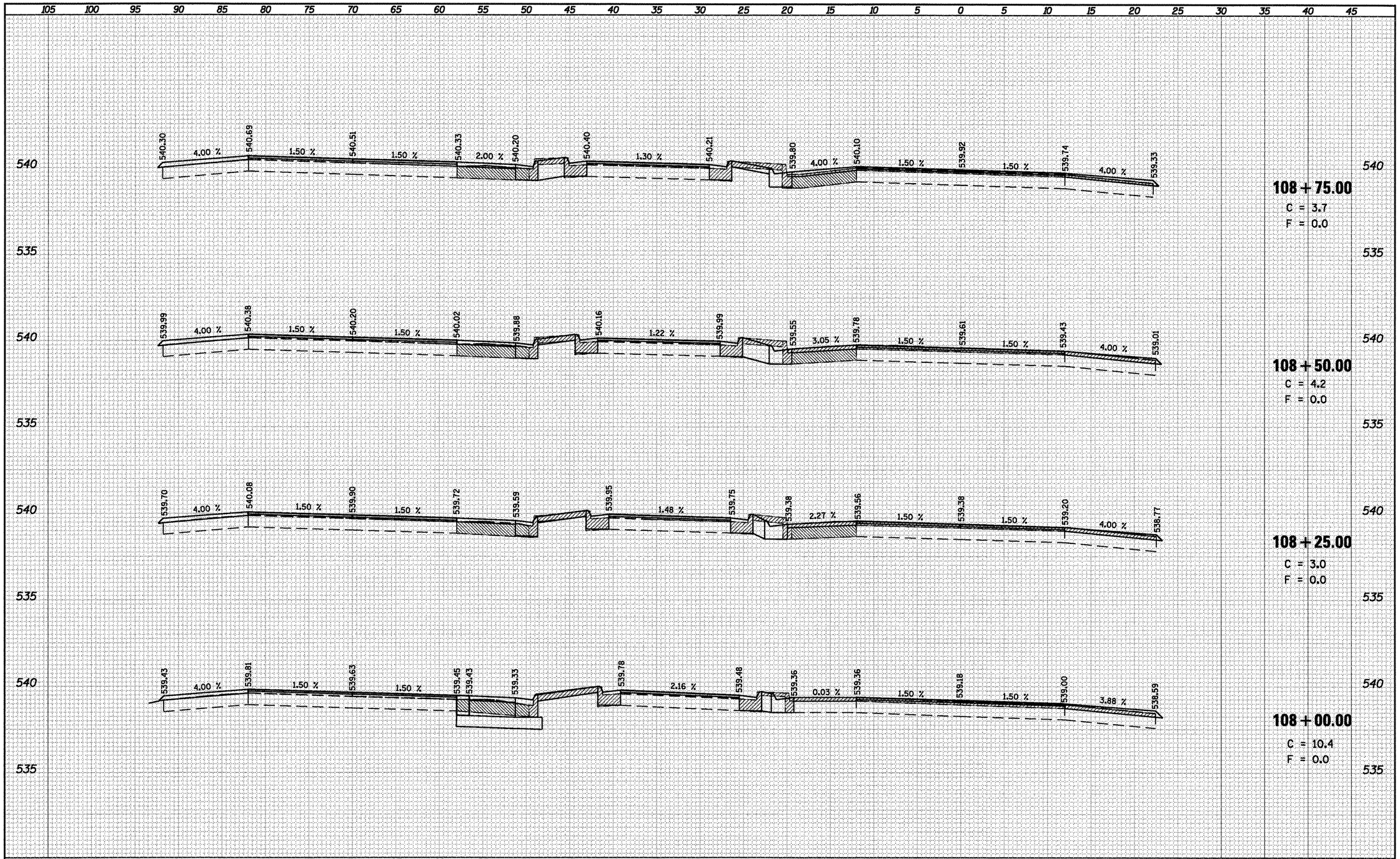
SCALE: 1" = 5' | SHEET NO. 23 OF 28 SHEETS | STA. 107+25.00 TO STA. 107+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	•	SANGAMON	206	157

CONTRACT NO. 72C35

ILLINOIS FED. AID PROJECT

• 1-IGRS,TS-1127RS-6,79Z&102RS-4



FINAL SURVEY		BY	DATE
NOTE BOOK NO.	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK NO.	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION IMPROVEMENT
IL 4 – WEST LEG – CROSS SECTIONS

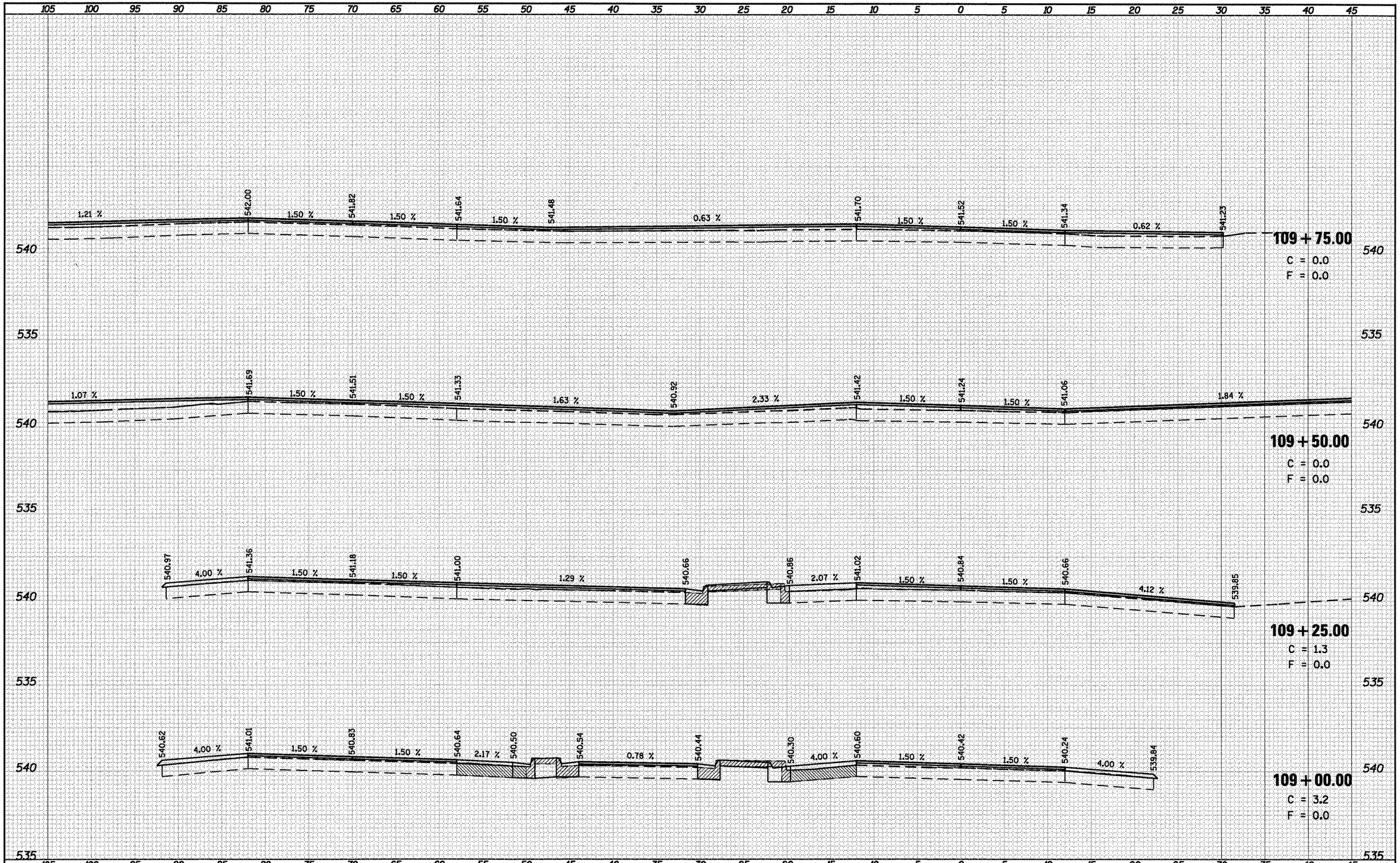
SCALE: 1" = 5' | SHEET NO. 24 OF 28 SHEETS | STA. 108+00.00 TO STA. 108+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	•	SANGAMON	206	158

CONTRACT NO. 72C35

ILLINOIS FED. AID PROJECT

• 1-1(RS,TS-1)27RS-6,79Z&102RS-4



FINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

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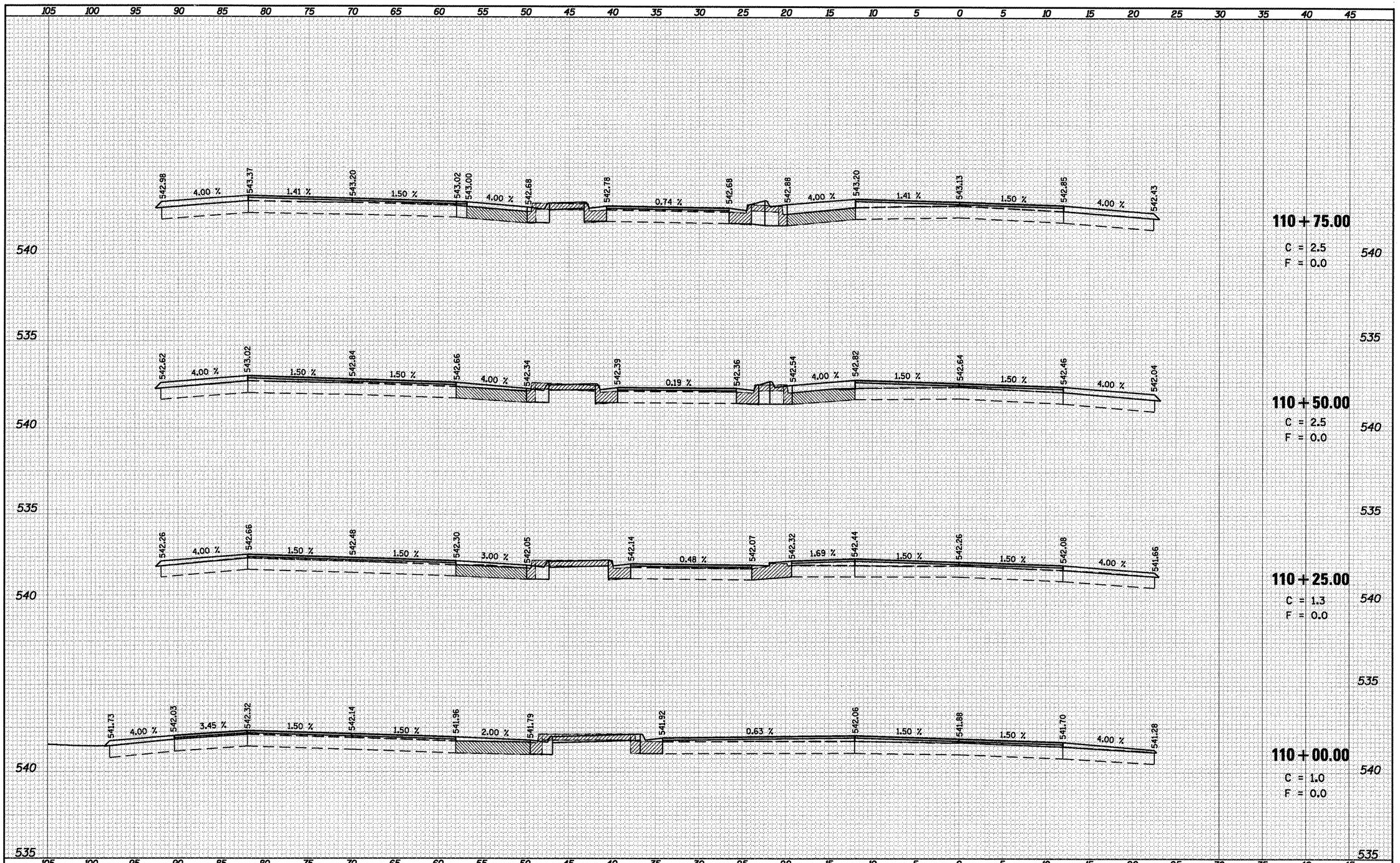
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION IMPROVEMENT
IL 4 – WEST LEG – CROSS SECTIONS

SCALE: 1" = 5' | SHEET NO. 25 OF 28 SHEETS | STA. 109+00.00 TO STA. 109+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	•	SANGAMON	206	159
		CONTRACT NO. 72C35		
		ILLINOIS FED. AID PROJECT		

• 1-1(RS,TS-1)27RS-6,79Z&102RS-4



FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK NO.		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION IMPROVEMENT
IL 4 – WEST LEG – CROSS SECTIONS

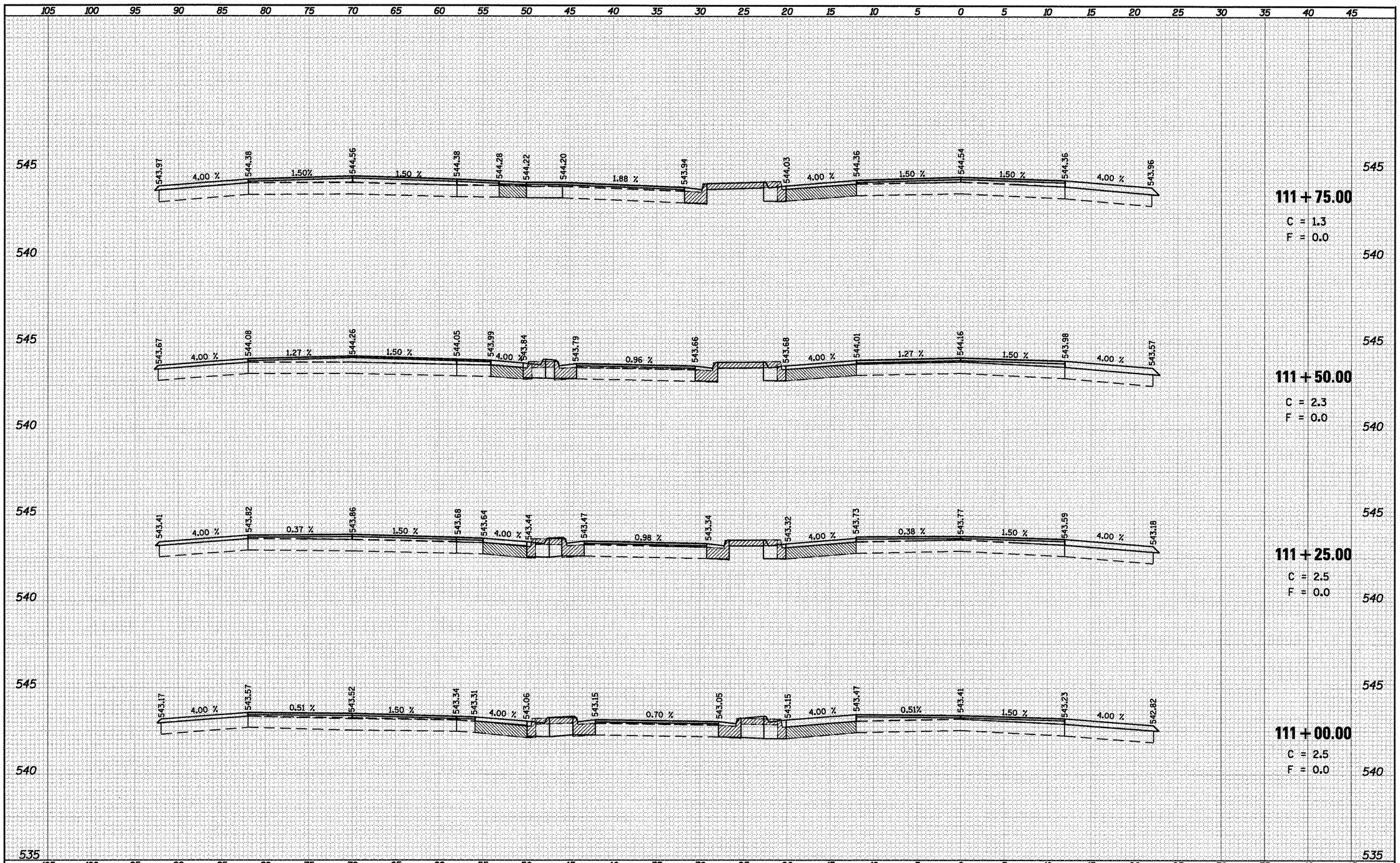
SCALE: 1" = 5' | SHEET NO. 26 OF 28 SHEETS | STA. 110+00.00 TO STA. 110+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	160

CONTRACT NO. 72C35

ILLINOIS FED. AID PROJECT

* 1-1(RS,TS-1)27RS-6,79Z&102RS-4



FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK NO.		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION IMPROVEMENT
IL 4 – WEST LEG – CROSS SECTIONS

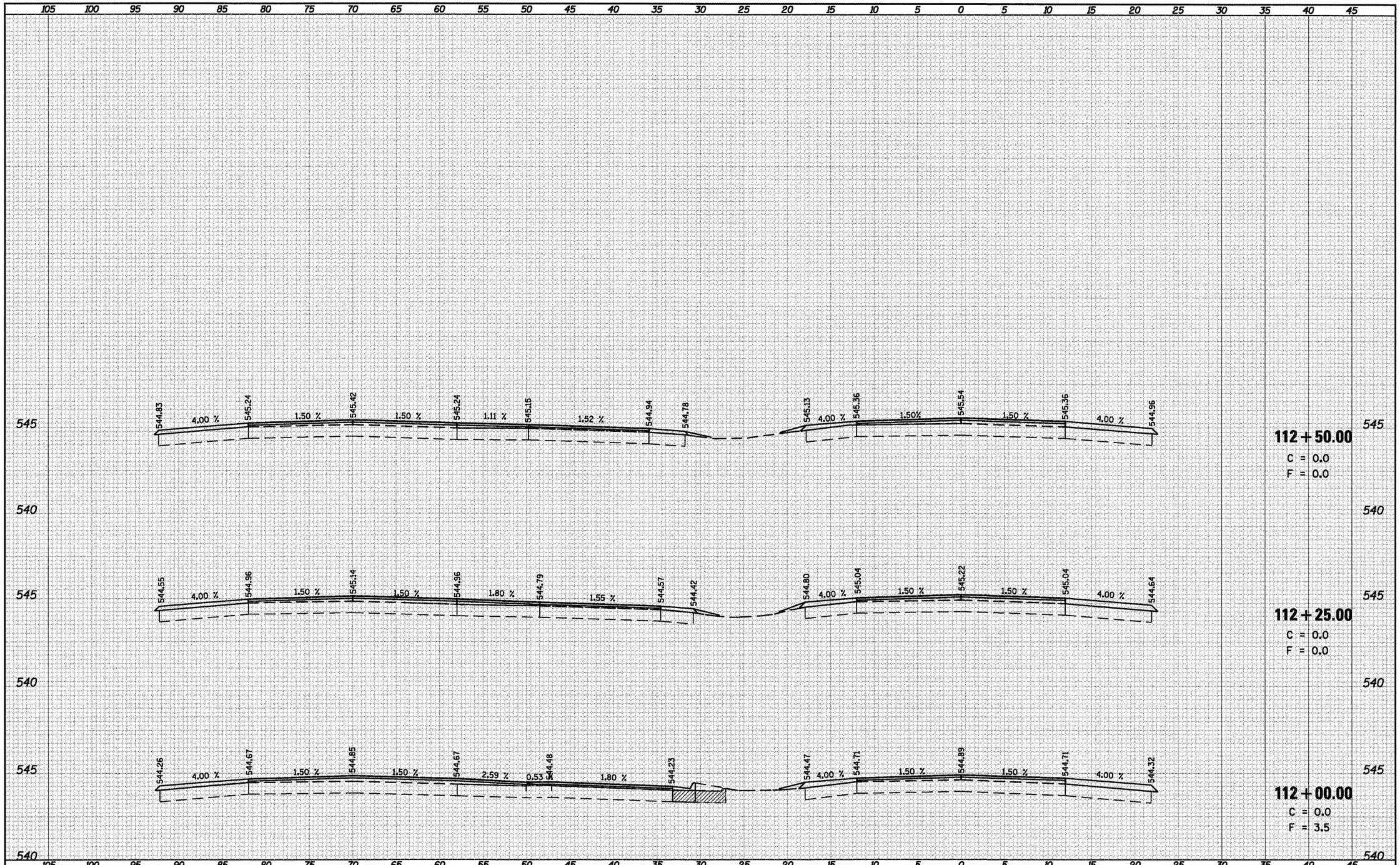
SCALE: 1" = 5' | SHEET NO. 27 OF 28 SHEETS | STA. 111+00.00 TO STA. 111+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	161

CONTRACT NO. 72C35

ILLINOIS FED. AID PROJECT

* 1-1(RS,TS-1)27RS-6,T9Z&102RS-4



FINAL SURVEY		BY	DATE
NOTE BOOK NO.	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK NO.	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION IMPROVEMENT
IL 4 – WEST LEG – CROSS SECTIONS

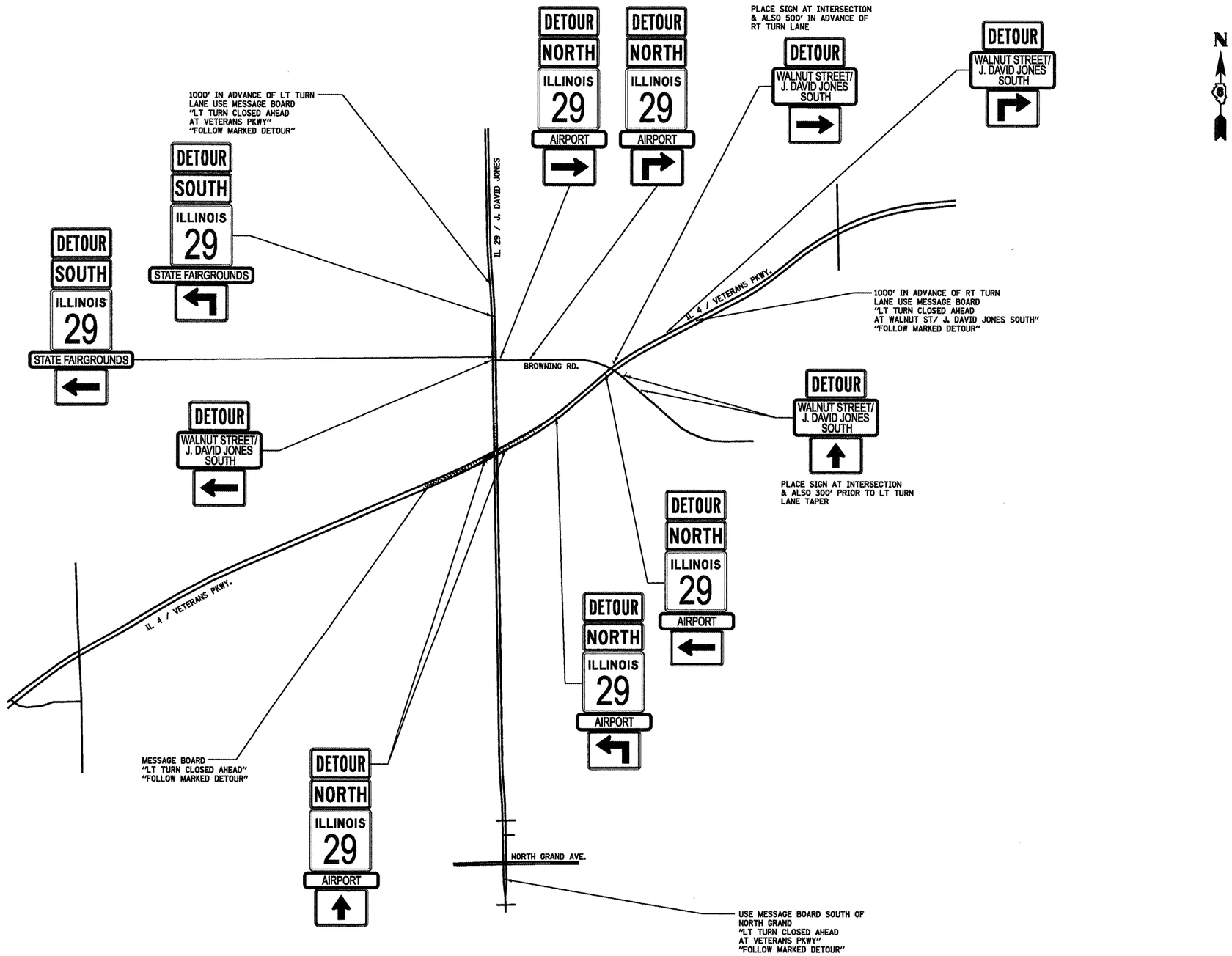
SCALE: 1" = 5' | SHEET NO. 28 OF 28 SHEETS | STA. 112+00.00 TO STA. 112+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	•	SANGAMON	206	162

CONTRACT NO. 72C35

ILLINOIS FED. AID PROJECT

• 1-I(RS,TS-1)27RS-6,79Z&102RS-4



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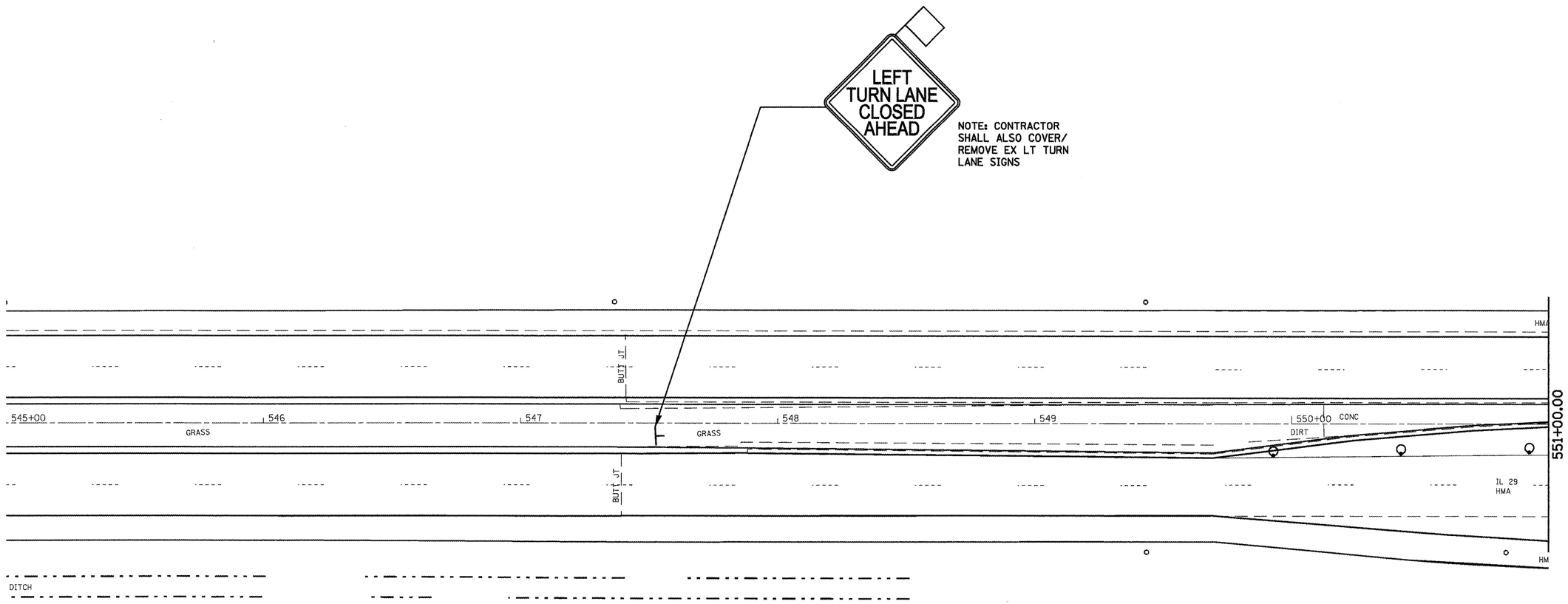
	PLOT SCALE = 1600.0000 ' / IN.	DRAWN -	REVISED -			658	*	SANGAMON	206 / 163
	PLOT DATE = Apr-30-2010 02:35:06PM	CHECKED -	REVISED -					CONTRACT NO. 72C35	
		DATE -	REVISED -		SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT	

* 1-1(RS,TS-1)27RS-6,79Z&102RS-4

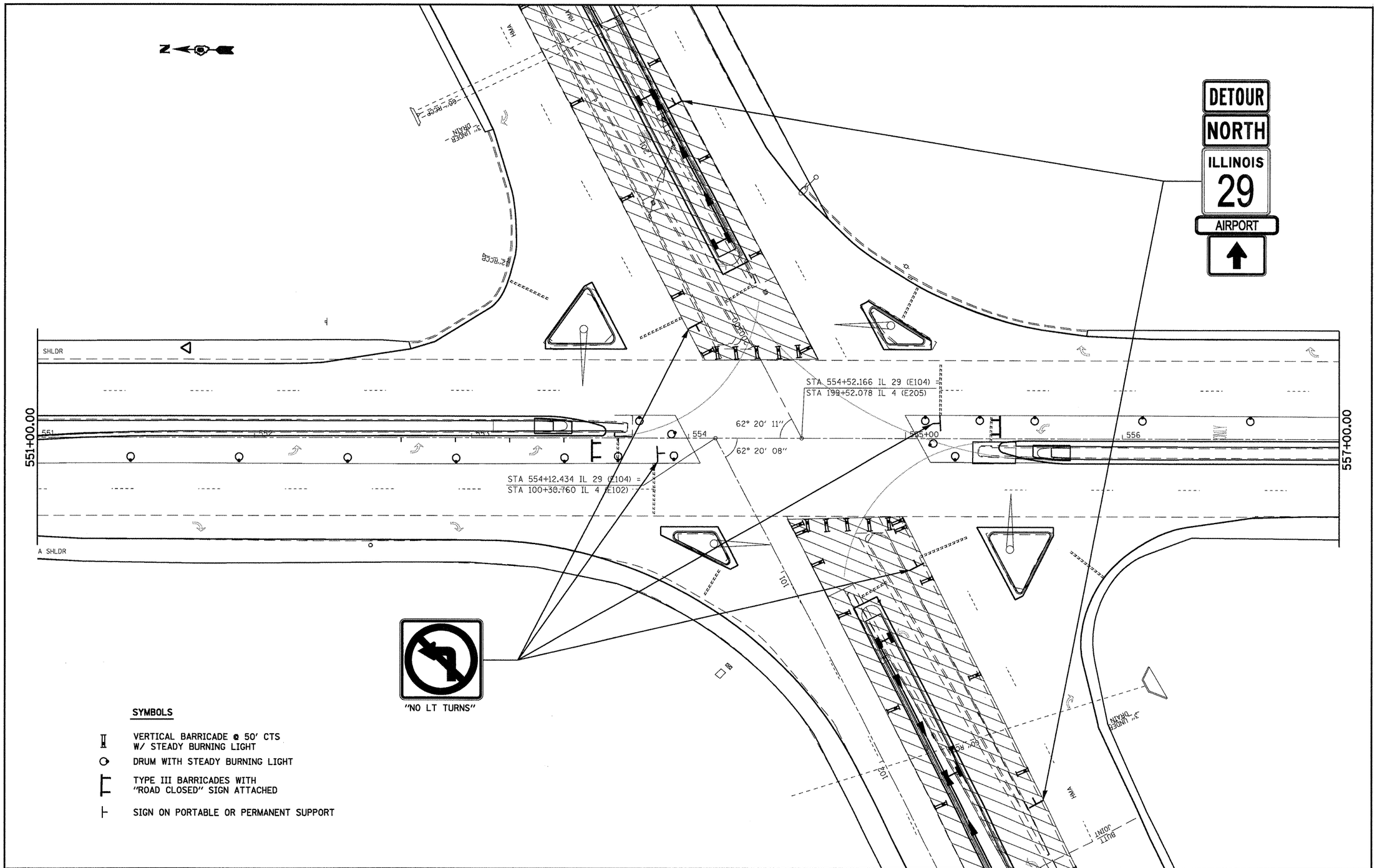


SYMBOLS

- VERTICAL BARRICADE @ 50' CTS W/ STEADY BURNING LIGHT
- DRUM WITH STEADY BURNING LIGHT
- TYPE III BARRICADES WITH "ROAD CLOSED" SIGN ATTACHED
- SIGN ON PORTABLE OR PERMANENT SUPPORT

FILE NAME = c:\pw_work\PWIDOT\LAUGHLINRL\dms47710\D72C35-sht-staging-IL 29.dgn	USER NAME = laughlinrl	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MANAGEMENT OF TRAFFIC IL 29 /J. DAVID JONES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			658	*	SANGAMON	206	164
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -			CONTRACT NO. 72C35				
	PLOT DATE = Apr-30-2010 02:35:10PM	DATE -	REVISED -		SCALE: SHEET NO. 1 OF 7 SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT				

* 1-1(RS,TS-1)27RS-6,T9Z&102RS-4



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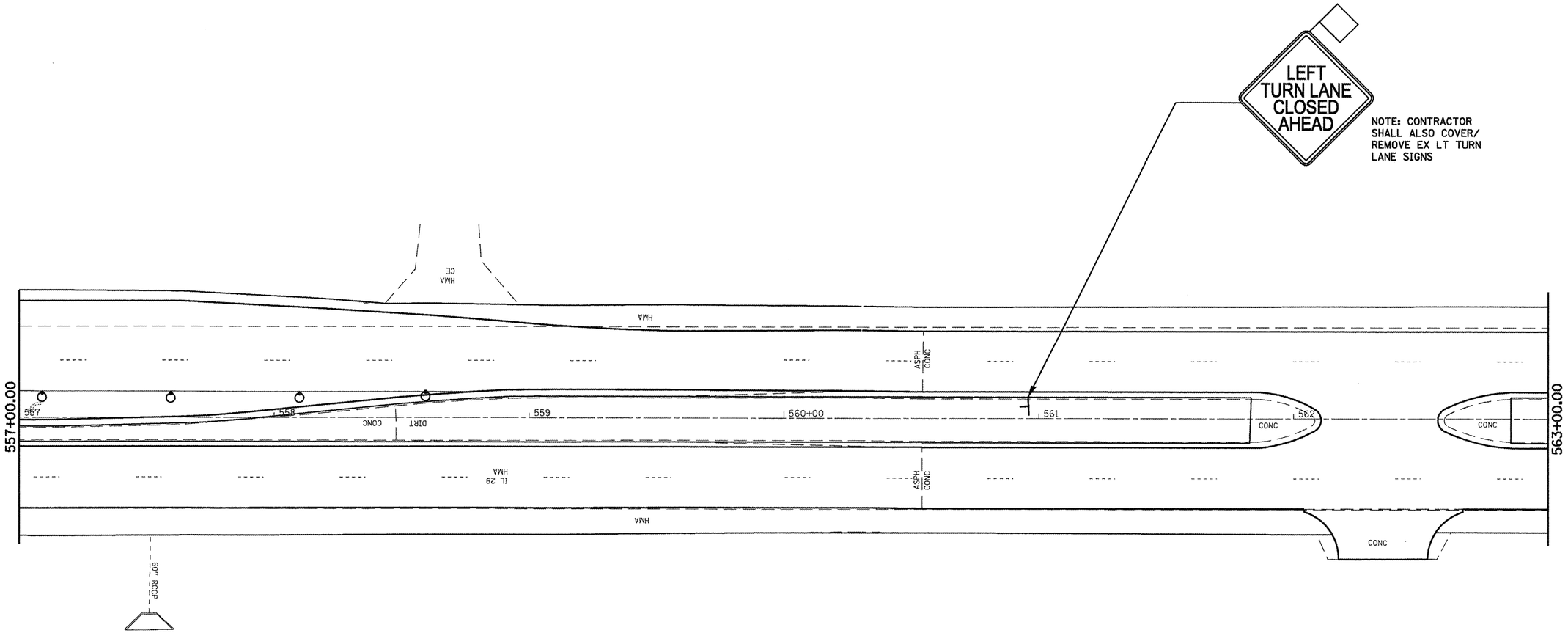
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MANAGEMENT OF TRAFFIC
IL 29 /J. DAVID JONES

SCALE: | SHEET NO. 2 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	165
		CONTRACT NO. 72C35		
		ILLINOIS FED. AID PROJECT		

* 1-1(RS,TS-1)27RS-6,79Z&102RS-4

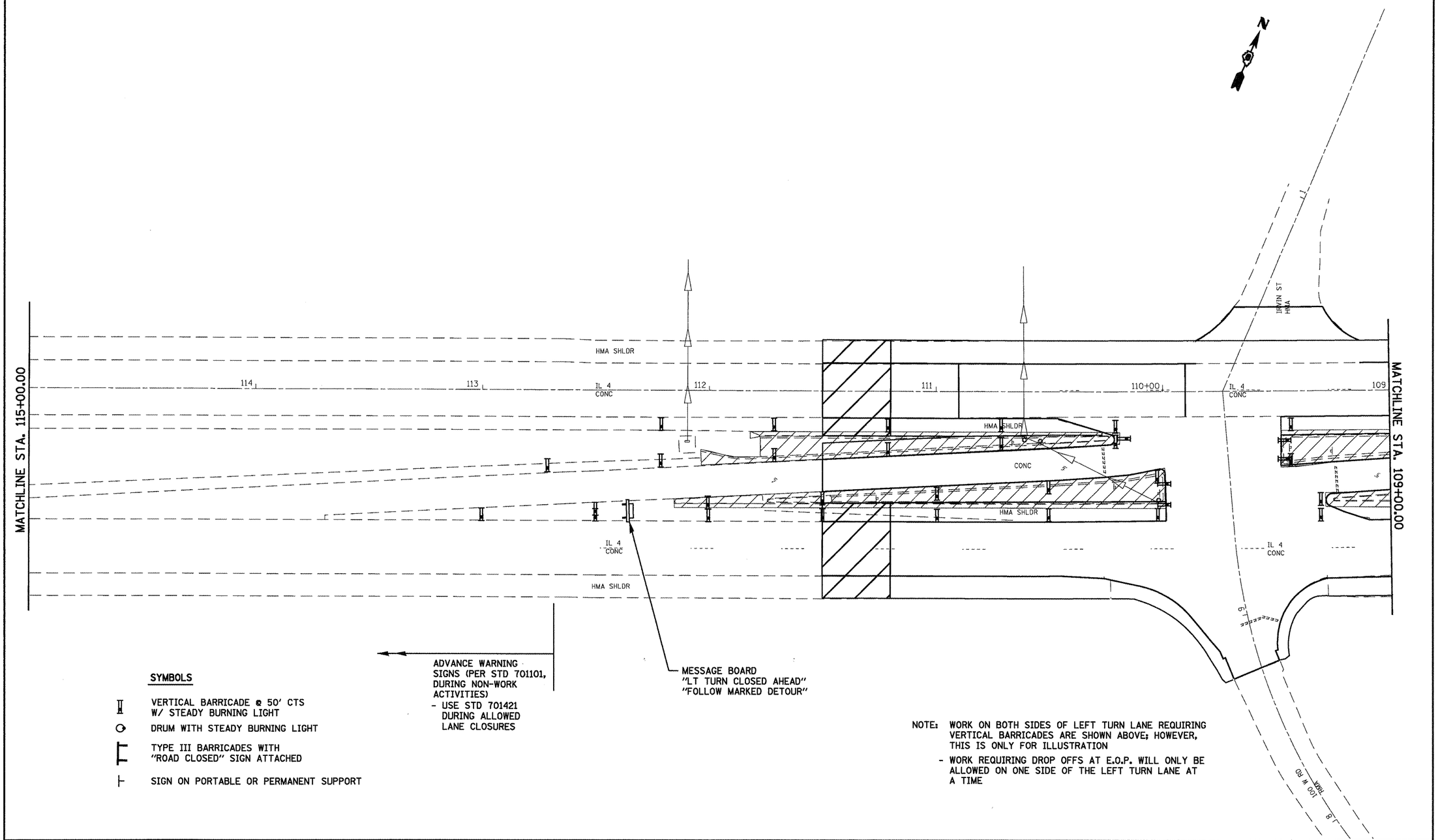


SYMBOLS

- VERTICAL BARRICADE @ 50' CTS W/ STEADY BURNING LIGHT
- DRUM WITH STEADY BURNING LIGHT
- TYPE III BARRICADES WITH "ROAD CLOSED" SIGN ATTACHED
- SIGN ON PORTABLE OR PERMANENT SUPPORT

FILE NAME = c:\pw_work\PWIDOT\LAUGHLINRL\dms47710\D72C35-sht-staging-IL 29.dgn	USER NAME = laughlinrl	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MANAGEMENT OF TRAFFIC IL 29 /J. DAVID JONES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			658	*	SANGAMON	206	166
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -					CONTRACT NO. 72C35		
	PLOT DATE = Apr-30-2010 02:35:17PM	DATE -	REVISED -		SCALE: SHEET NO. 3 OF 7 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		

* 1-I(RS,TS-1)27RS-6,79Z&102RS-4



SYMBOLS

- VERTICAL BARRICADE @ 50' CTS W/ STEADY BURNING LIGHT
- DRUM WITH STEADY BURNING LIGHT
- TYPE III BARRICADES WITH "ROAD CLOSED" SIGN ATTACHED
- SIGN ON PORTABLE OR PERMANENT SUPPORT

NOTE: WORK ON BOTH SIDES OF LEFT TURN LANE REQUIRING VERTICAL BARRICADES ARE SHOWN ABOVE; HOWEVER, THIS IS ONLY FOR ILLUSTRATION

- WORK REQUIRING DROP OFFS AT E.O.P. WILL ONLY BE ALLOWED ON ONE SIDE OF THE LEFT TURN LANE AT A TIME

FILE NAME = c:\pw_work\PWIDOT\LAUGHLINRL\dms47710\D72C35-sht-staging-IL 4.dgn	USER NAME = laughlinrl	DESIGNED -	REVISED -
		DRAWN -	REVISED -
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	PLOT DATE = Apr-30-2010 02:35:20PM	DATE -	REVISED -

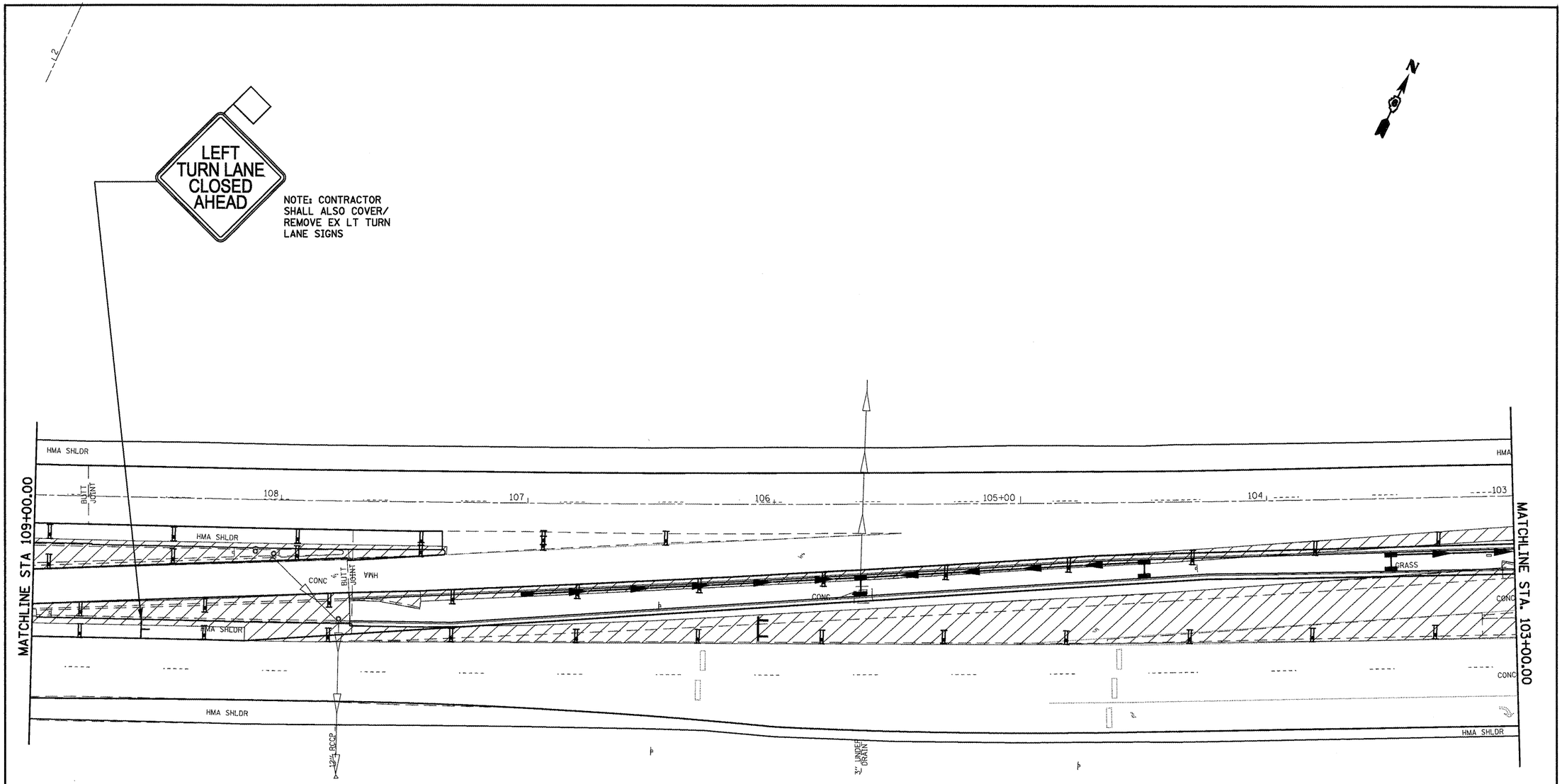
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MANAGEMENT OF TRAFFIC
IL 4 /VETERANS PKWY

SCALE: | SHEET NO. 4 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	205	167
		CONTRACT NO. 72C35		
		ILLINOIS FED. AID PROJECT		

* 1-I(RS,TS-1)27RS-6,792&102RS-4



SYMBOLS

- VERTICAL BARRICADE @ 50' CTS W/ STEADY BURNING LIGHT
- DRUM WITH STEADY BURNING LIGHT
- TYPE III BARRICADES WITH "ROAD CLOSED" SIGN ATTACHED
- SIGN ON PORTABLE OR PERMANENT SUPPORT

NOTE: WORK ON BOTH SIDES OF LEFT TURN LANE REQUIRING VERTICAL BARRICADES ARE SHOWN ABOVE; HOWEVER, THIS IS ONLY FOR ILLUSTRATION

- WORK REQUIRING DROP OFFS AT E.O.P. WILL ONLY BE ALLOWED ON ONE SIDE OF THE LEFT TURN LANE AT A TIME

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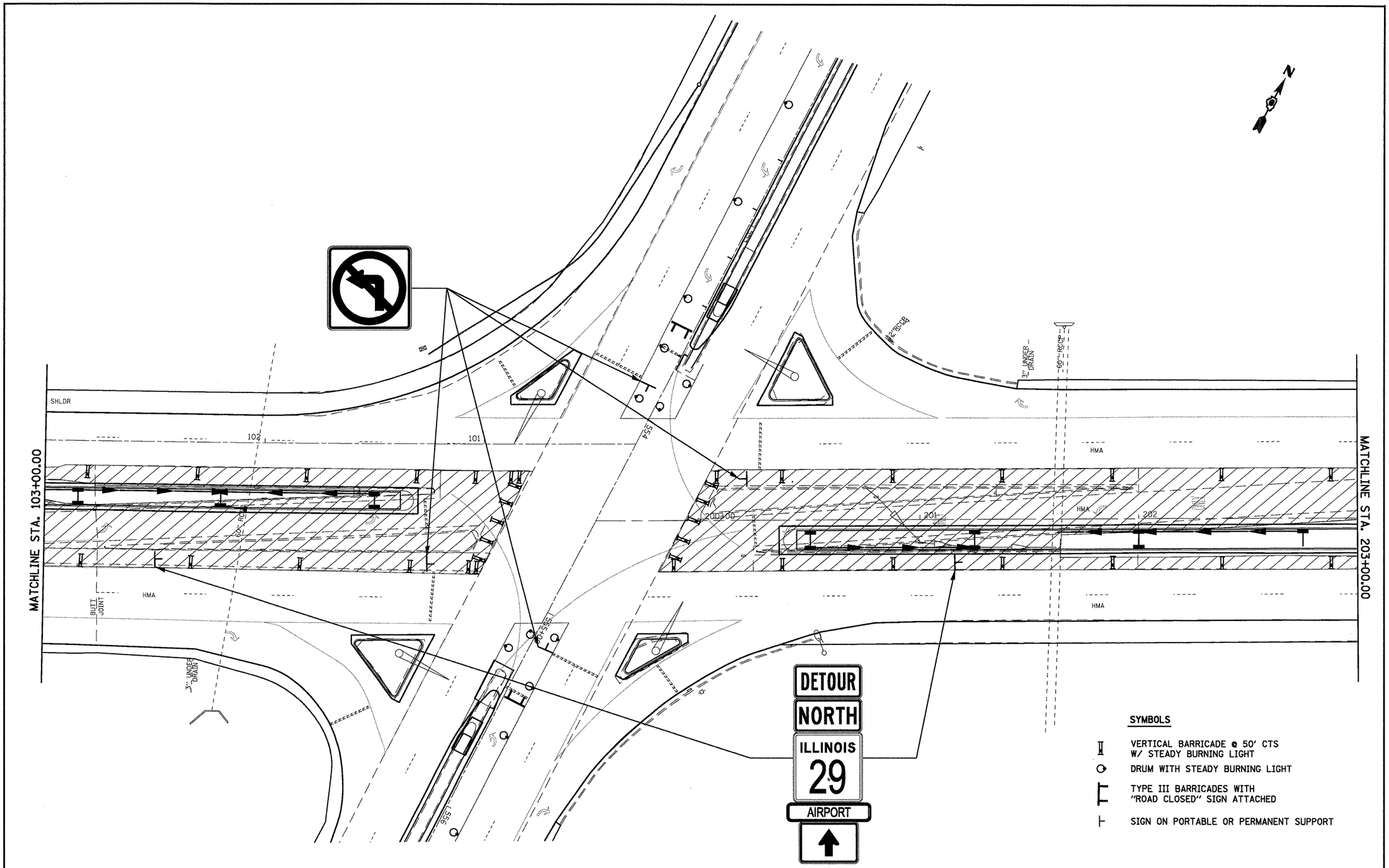
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MANAGEMENT OF TRAFFIC
IL 4 /VETERANS PKWY

SCALE: | SHEET NO. 5 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	168
		CONTRACT NO. 72C35		
		ILLINOIS	FED. AID PROJECT	

* 1-1(RS,TS-1)27RS-6,79Z&102RS-4



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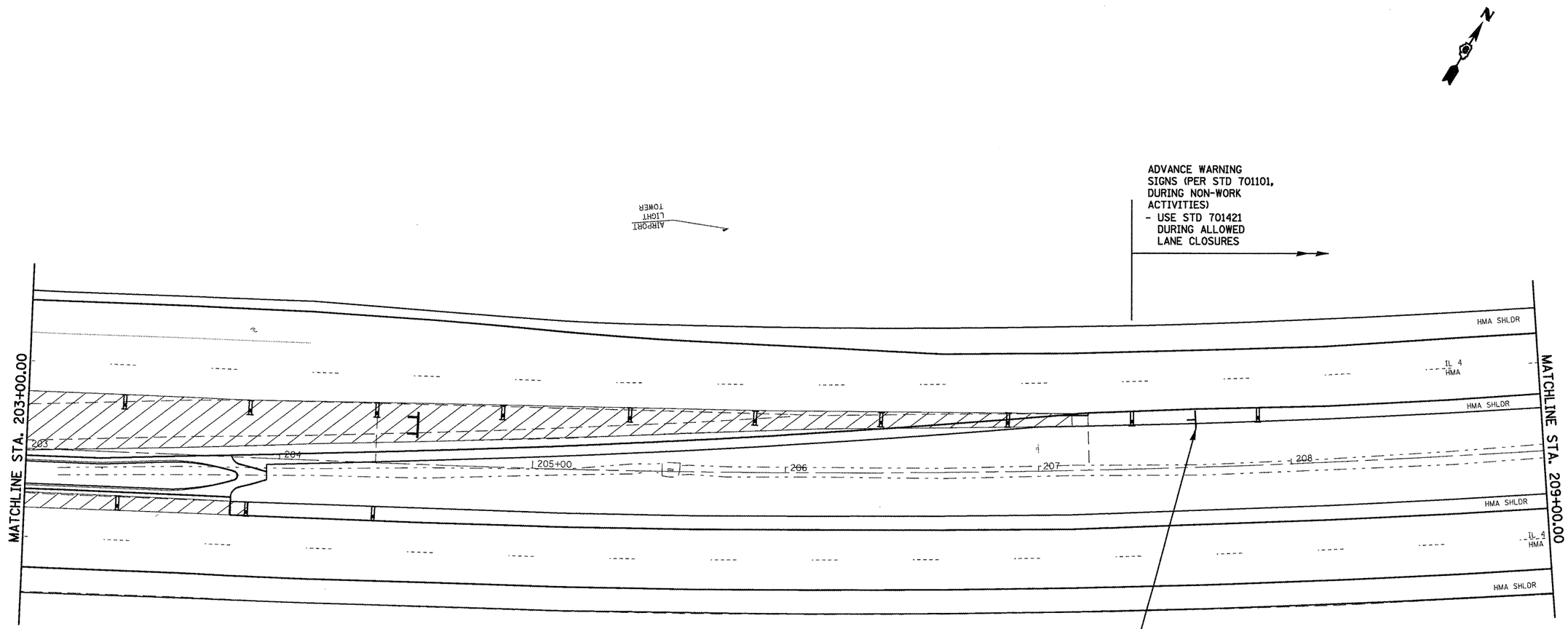
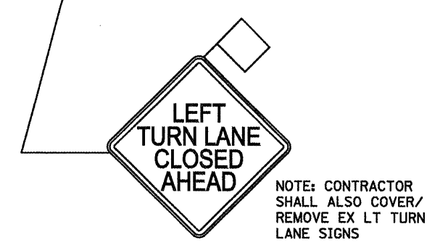
		DRAWN -	REVISED -			658	*	SANGAMON	206	169
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -					CONTRACT NO. 72C35		
	PLOT DATE = Apr-30-2010 02:35:27PM	DATE -	REVISED -		SCALE: SHEET NO. 6 OF 7 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		

* 1-I(RS,TS-1)27(RS-6,79Z&102RS-4



SYMBOLS

- VERTICAL BARRICADE @ 50' CTS W/ STEADY BURNING LIGHT
- DRUM WITH STEADY BURNING LIGHT
- TYPE III BARRICADES WITH "ROAD CLOSED" SIGN ATTACHED
- SIGN ON PORTABLE OR PERMANENT SUPPORT



NOTE: CONTRACTOR SHALL ALSO COVER/ REMOVE EX LT TURN LANE SIGNS

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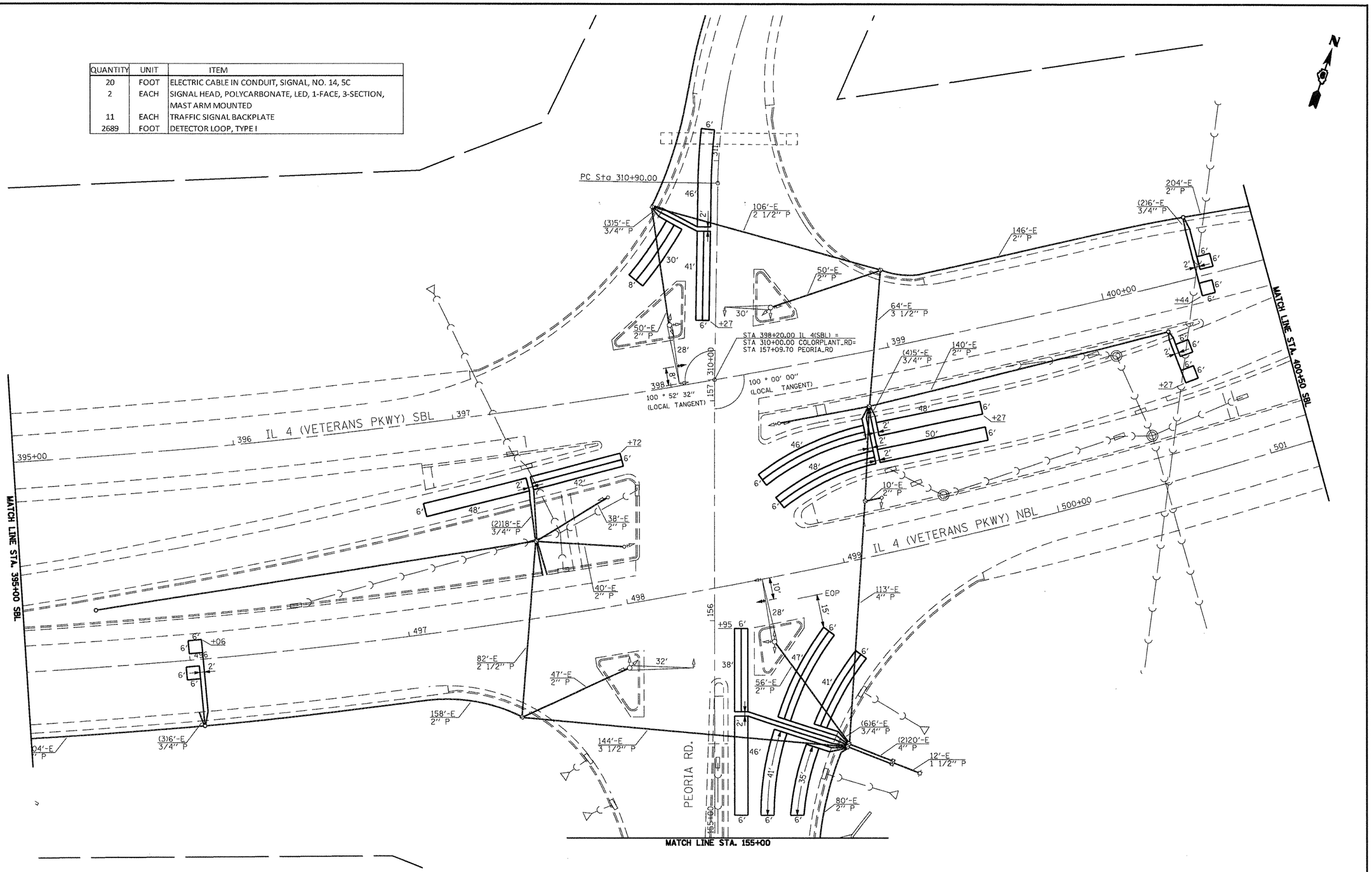
	PLOT SCALE = 40.0000 ' / IN.	DRAWN -	REVISED -					CONTRACT NO. 72C35		
	PLOT DATE = Apr-30-2010 02:35:30PM	CHECKED -	REVISED -					ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -		SCALE: SHEET NO. 7 OF 7 SHEETS STA. TO STA.					

* 1-I(RS,TS-1)27RS-6,79Z&102RS-4

QUANTITY	UNIT	ITEM
20	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 5C
2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
11	EACH	TRAFFIC SIGNAL BACKPLATE
2689	FOOT	DETECTOR LOOP, TYPE I



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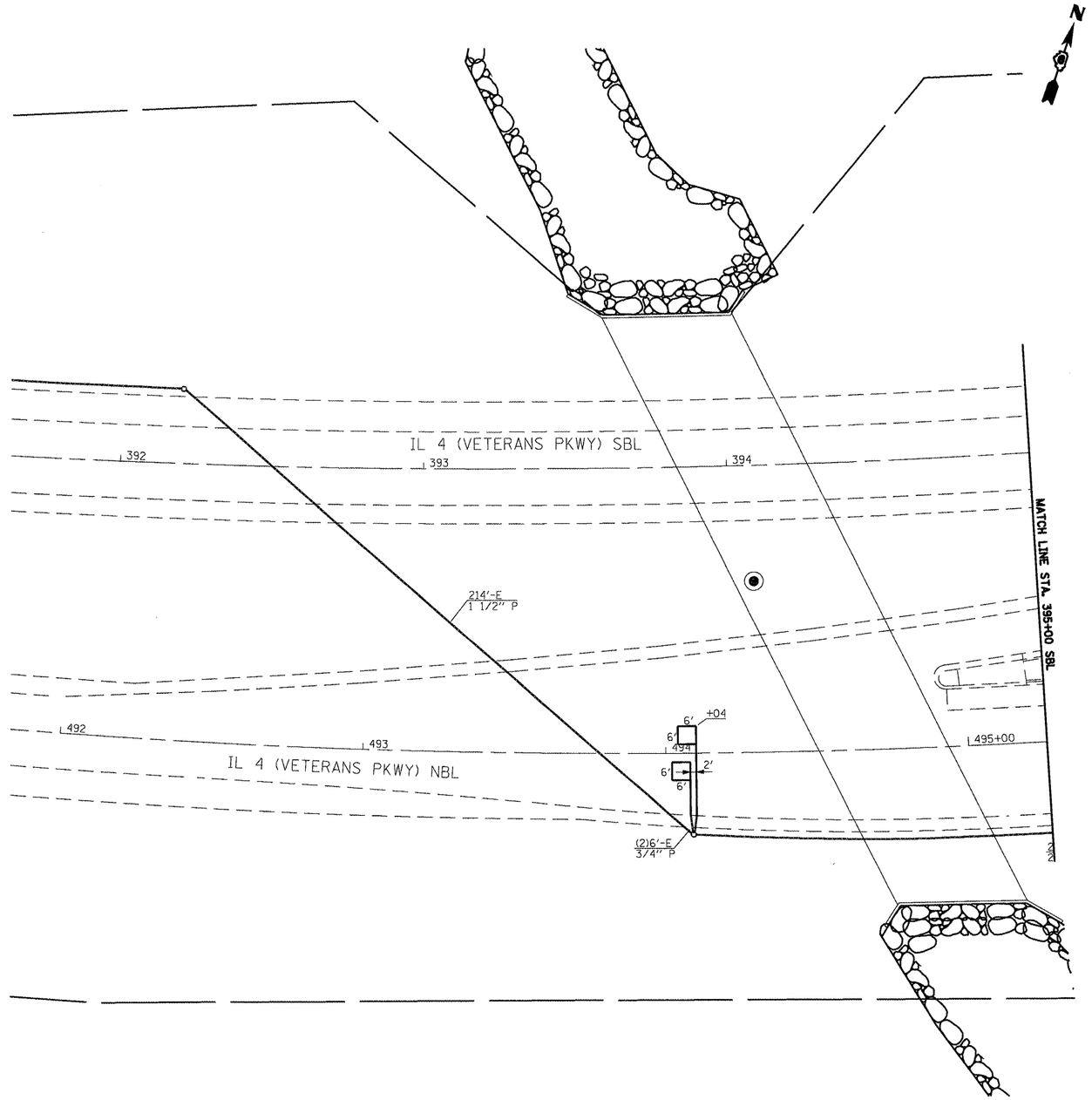
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

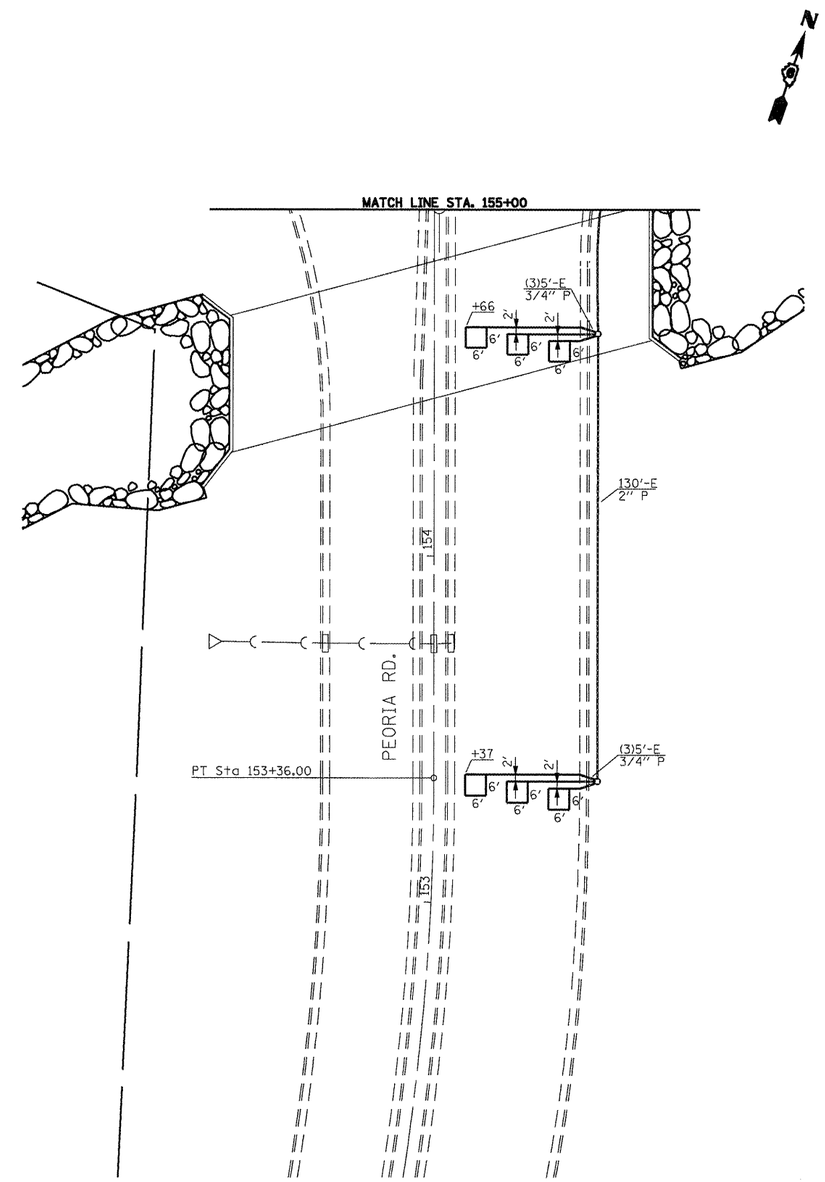
PROPOSED PLAN
IL 4 (VETERANS PKWY.) & PEORIA RD.

SCALE: | SHEET NO. 1 OF 33 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	1-1(RS,TS-1), 27RS-6, 102RS-4	SANGAMON	206	171
*	FAP 666 (BL-55), FAP 662 (IL 4) FAP 658 (IL 29)	CONTRACT NO. 72C35		

ILLINOIS FED. AID PROJECT





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		DATE -	REVISED -

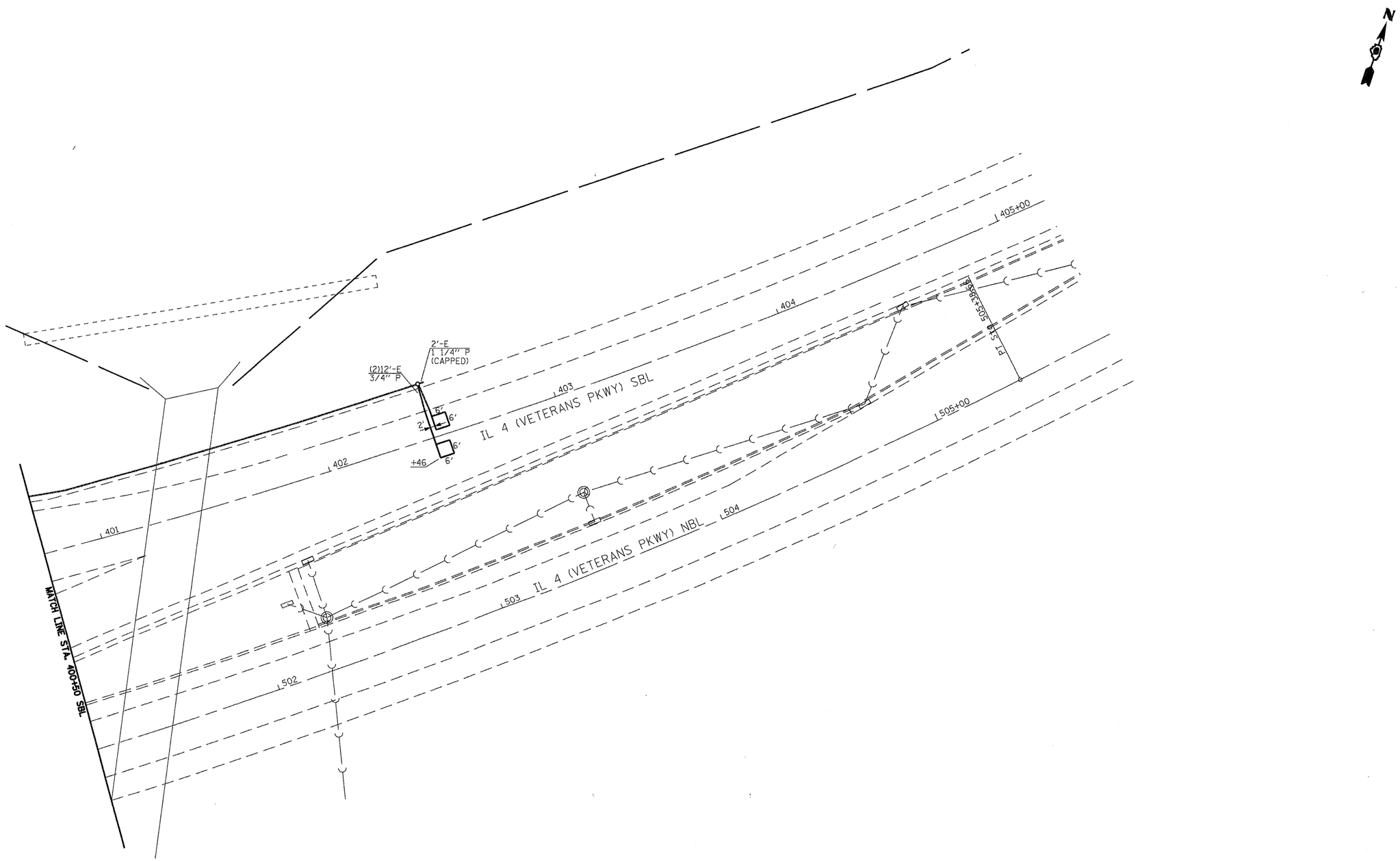
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN
IL 4 (VETERANS PKWY.) & PEORIA RD.

SCALE: | SHEET NO. 2 OF 33 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	1-1(RS,TS-1), 27RS-6, 102RS-4	SANGAMON	206	172
*	FAP 666 (BL-55), FAP 662 (IL 4) FAP 658 (IL 29)	CONTRACT NO. 72C35		

ILLINOIS FED. AID PROJECT



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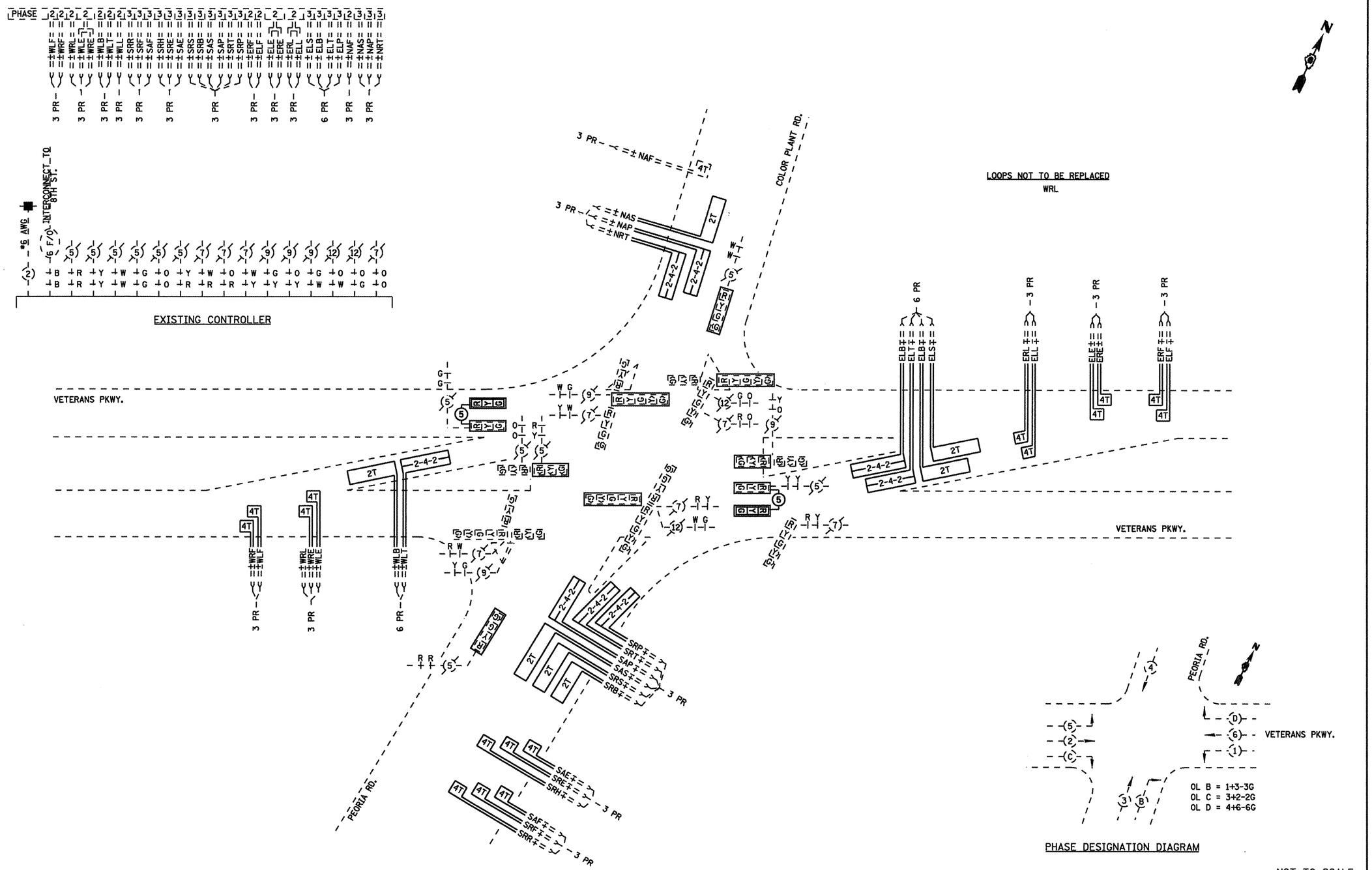
	PLOT SCALE = 40.0000 ' / IN.	DRAWN -	REVISED -			*	1-1(RS,TS-1), 27RS-6, 102RS-4	SANGAMON	206	173
	PLOT DATE = Apr-29-2010 02:59:39PM	CHECKED -	REVISED -			*	FAP 666 (BL-55), FAP 662 (IL 4) FAP 658 (IL 29)	CONTRACT NO. 72C35		
		DATE -	REVISED -		SCALE: SHEET NO. 3 OF 33 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT			



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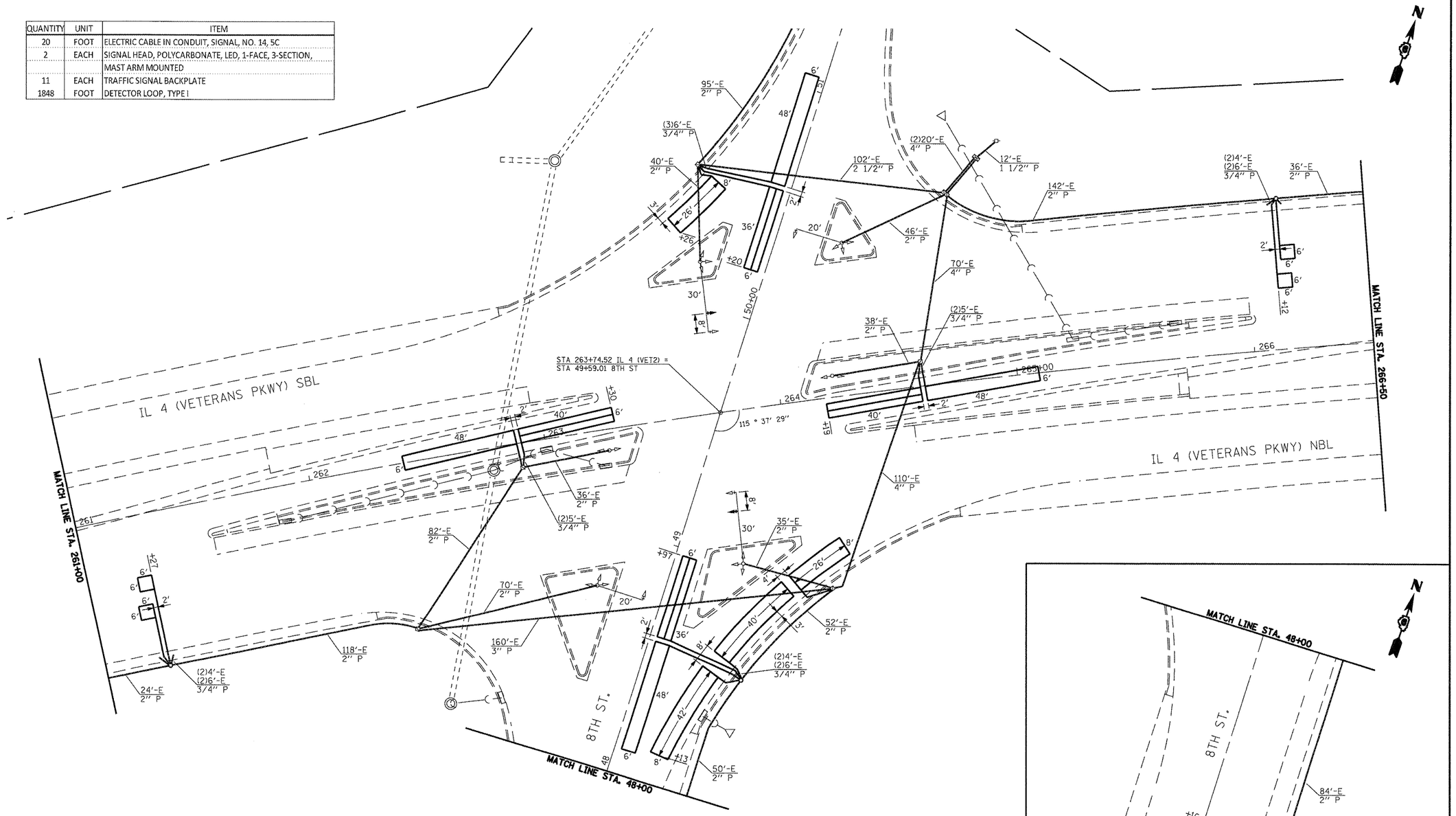
	PLOT SCALE = 40.0000 ' / IN.	DRAWN -	REVISED -			*	1-1(RS,TS-1), 27RS-6, 102RS-4	SANGAMON	206	174
	PLOT DATE = Apr-29-2010 02:59:41PM	CHECKED -	REVISED -		SCALE:	*	FAP 666 (BL-55), FAP 662 (IL 4) FAP 658 (IL 29)	CONTRACT NO. 72C35		
		DATE -	REVISED -		SHEET NO. 4 OF 33 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		

QUANTITY	UNIT	ITEM
20	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 5C
2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
11	EACH	TRAFFIC SIGNAL BACKPLATE
1848	FOOT	DETECTOR LOOP, TYPE I



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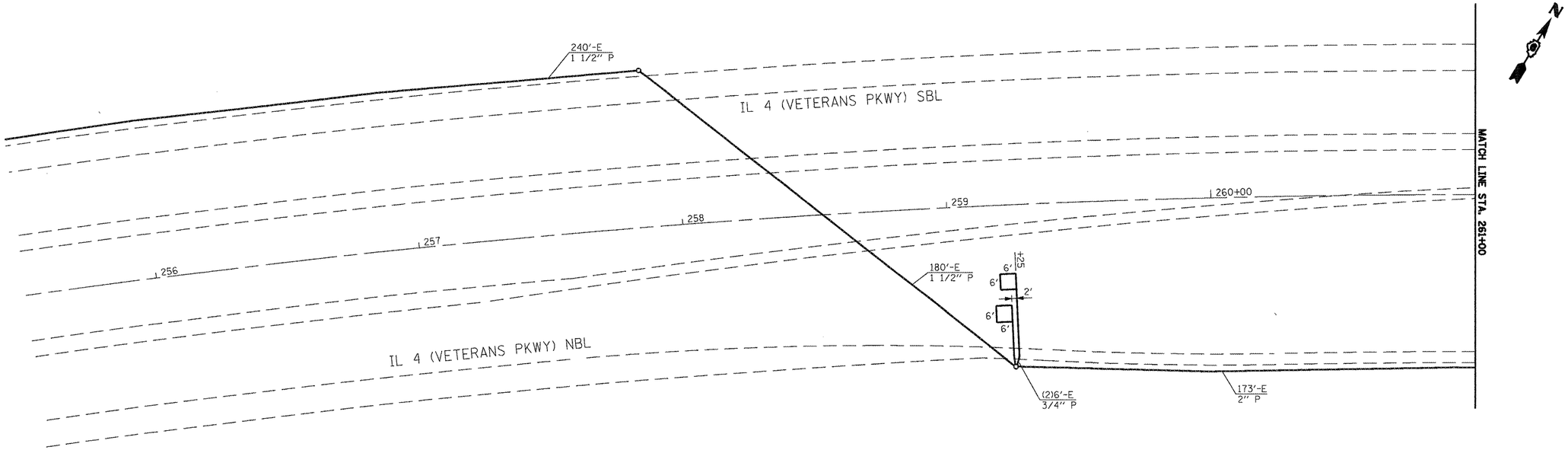
	PLOT DATE = Apr-29-2010 02:59:44PM	DATE -	REVISED -

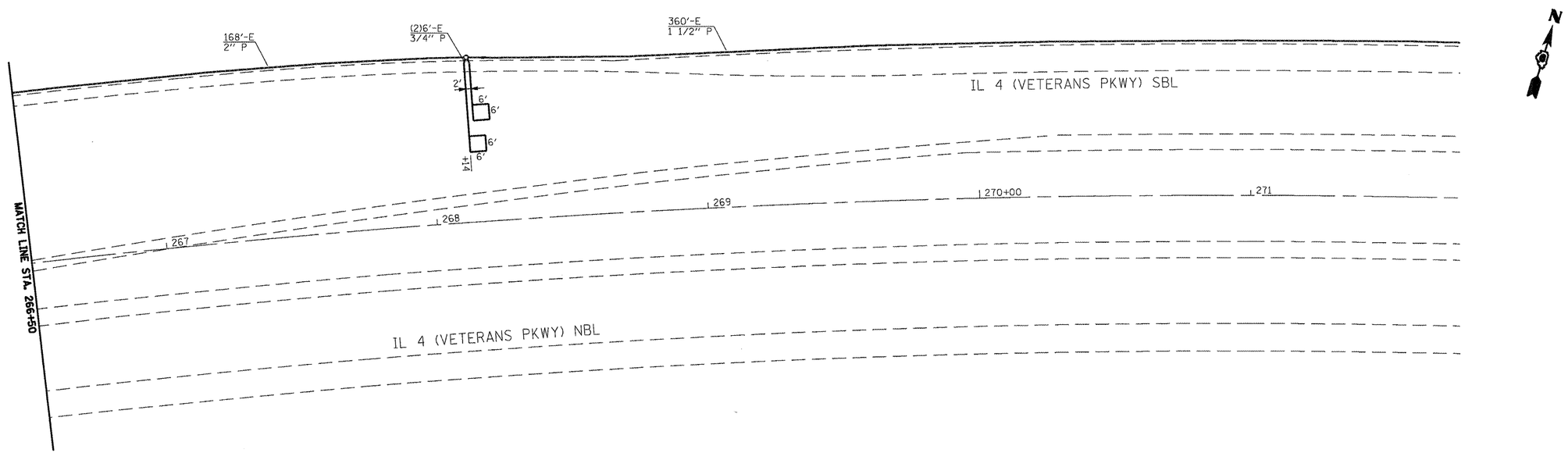
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN
IL 4 (VETERANS PKWY.) & 8TH ST.

SCALE: | SHEET NO. 5 OF 33 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	1-1(RS,TS-1), 27RS-6, 102RS-4	SANGAMON	206	175
*	FAP 666 (BL-55), FAP 662 (IL 4) FAP 658 (IL 29)	CONTRACT NO. 72C35		
		ILLINOIS FED. AID PROJECT		





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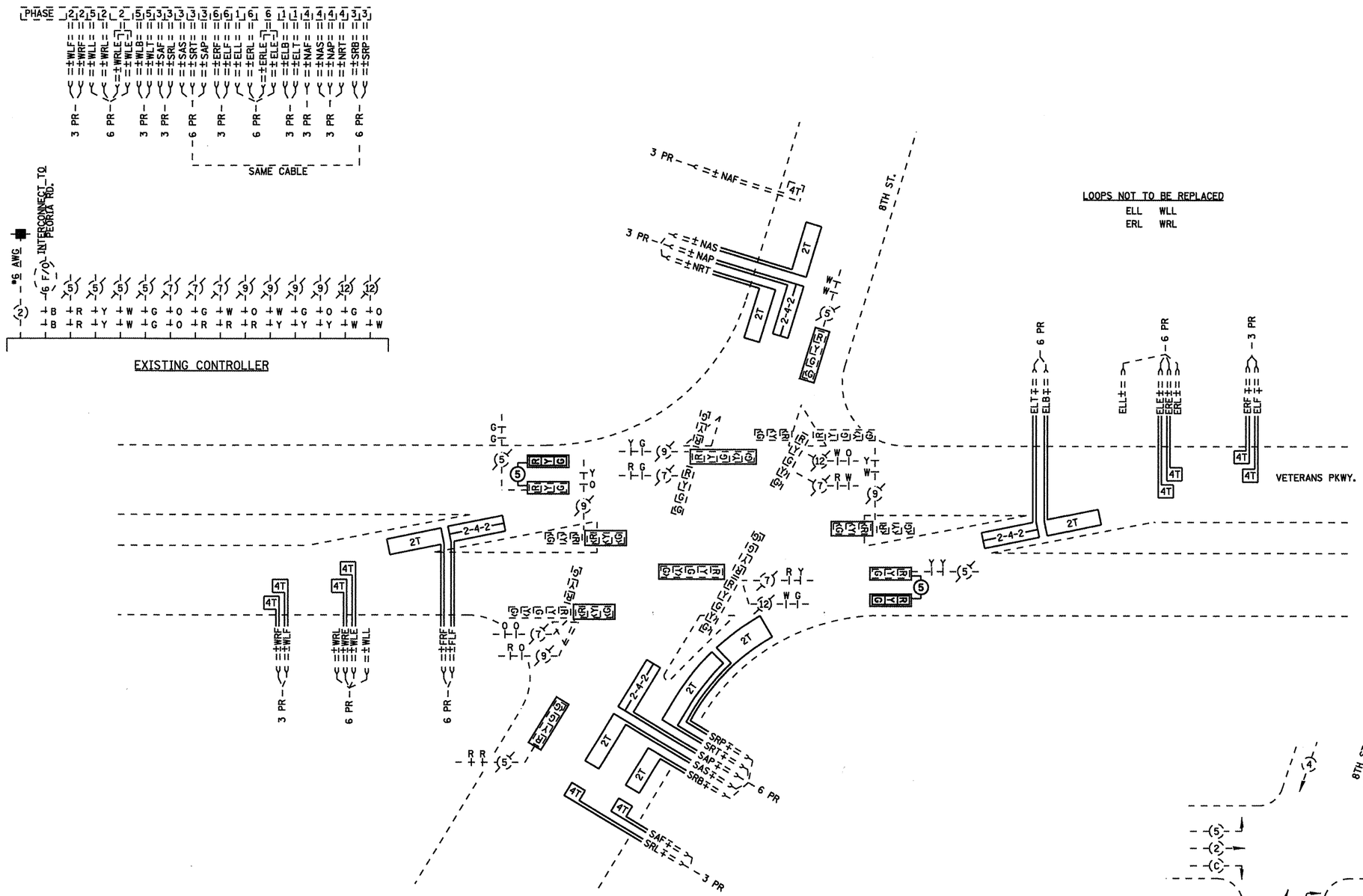
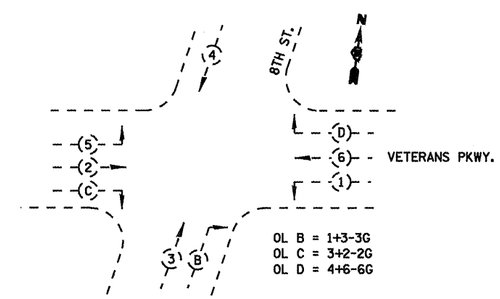
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN
IL 4 (VETERANS PKWY.) & 8TH ST.

SCALE: | SHEET NO. 6 OF 33 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	1-1(RS,TS-1), 27RS-6, 102RS-4	SANGAMON	206	176
*	FAP 666 (BL-55), FAP 662 (IL 4) FAP 658 (IL 29)	CONTRACT NO. 72C35		
	ILLINOIS FED. AID PROJECT			





PHASE DESIGNATION DIAGRAM

NOT TO SCALE

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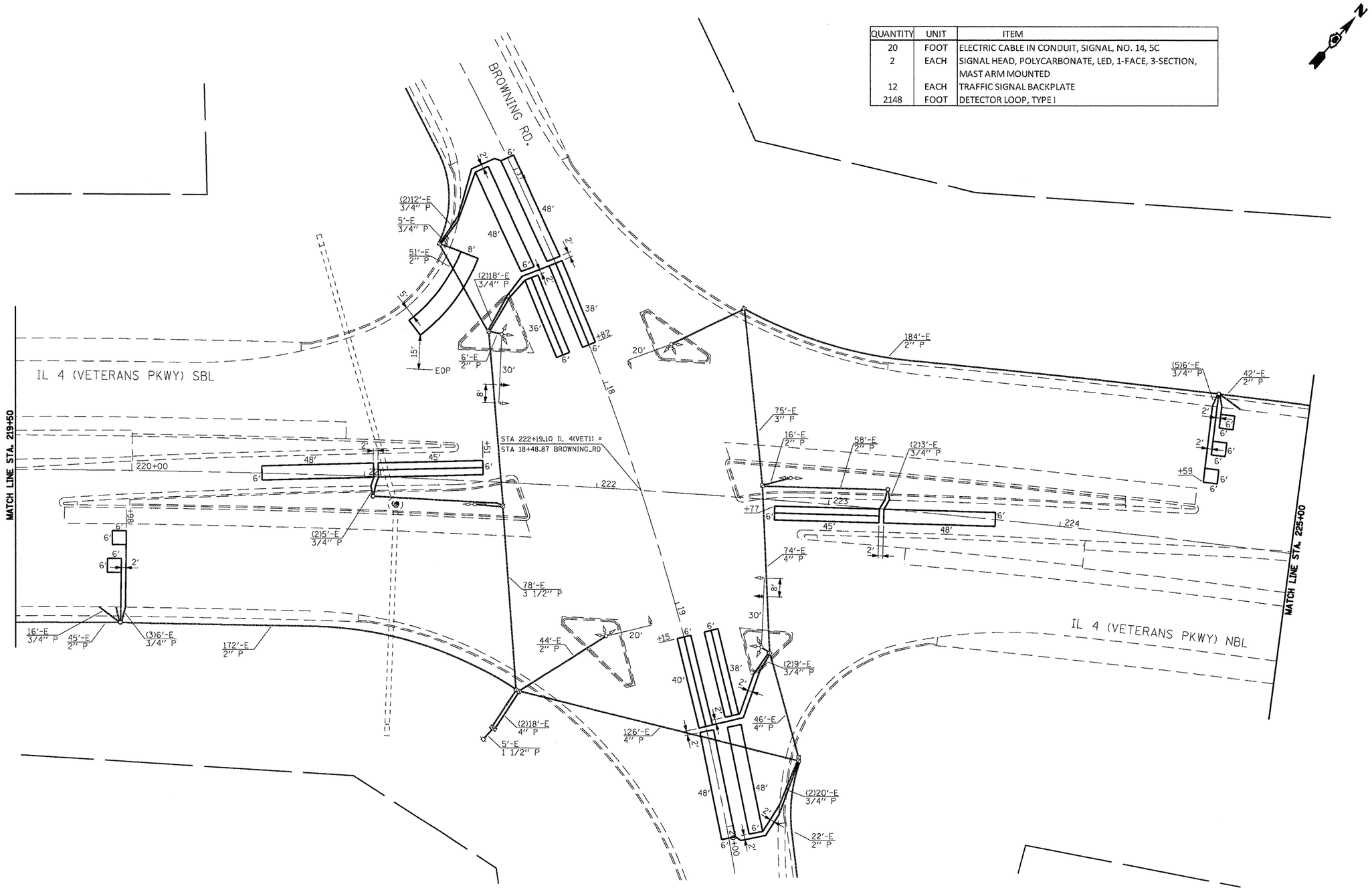
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED CABLE PLAN
IL 4 (VETERANS PKWY.) & 8TH ST.

SCALE: | SHEET NO. 7 OF 33 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	1-1(RS,TS-1), 27RS-6, 102RS-4	SANGAMON	206	177
*	FAP 666 (BL-55), FAP 662 (IL 4) FAP 658 (IL 29)	CONTRACT NO. 72C35		
		ILLINOIS FED. AID PROJECT		

QUANTITY	UNIT	ITEM
20	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 5C
2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
12	EACH	TRAFFIC SIGNAL BACKPLATE
2148	FOOT	DETECTOR LOOP, TYPE I



FILE NAME =	USER NAME = laughlinrl	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PLAN IL 4 (VETERANS PKWY.) & BROWNING RD.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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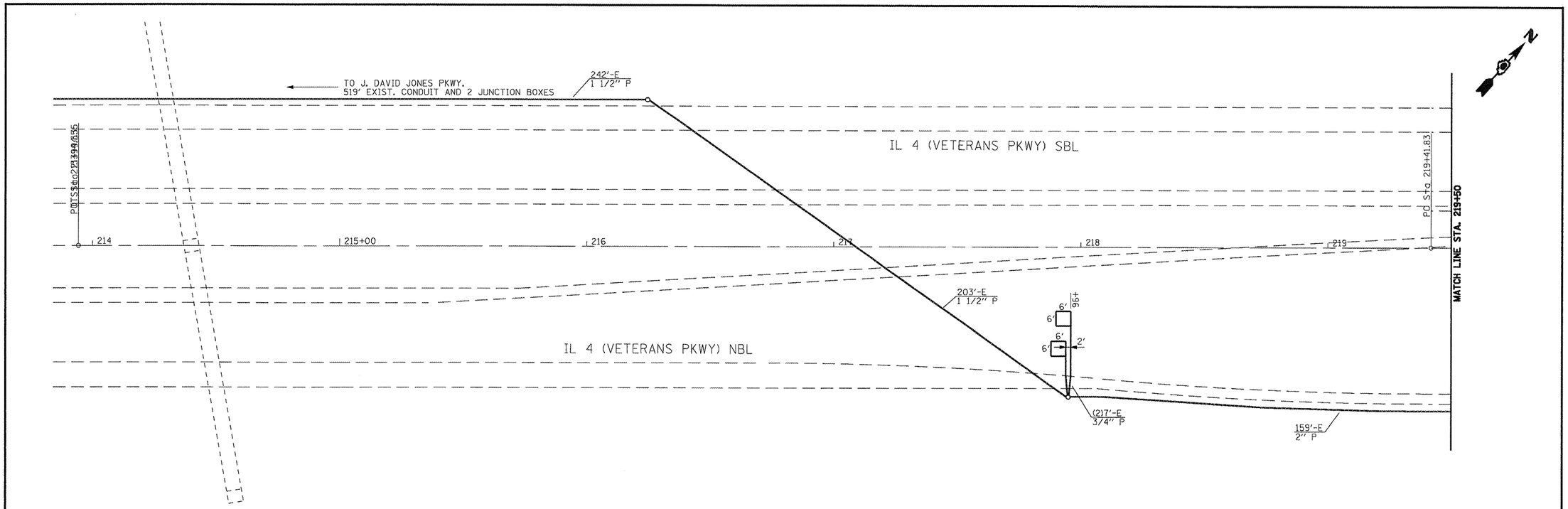
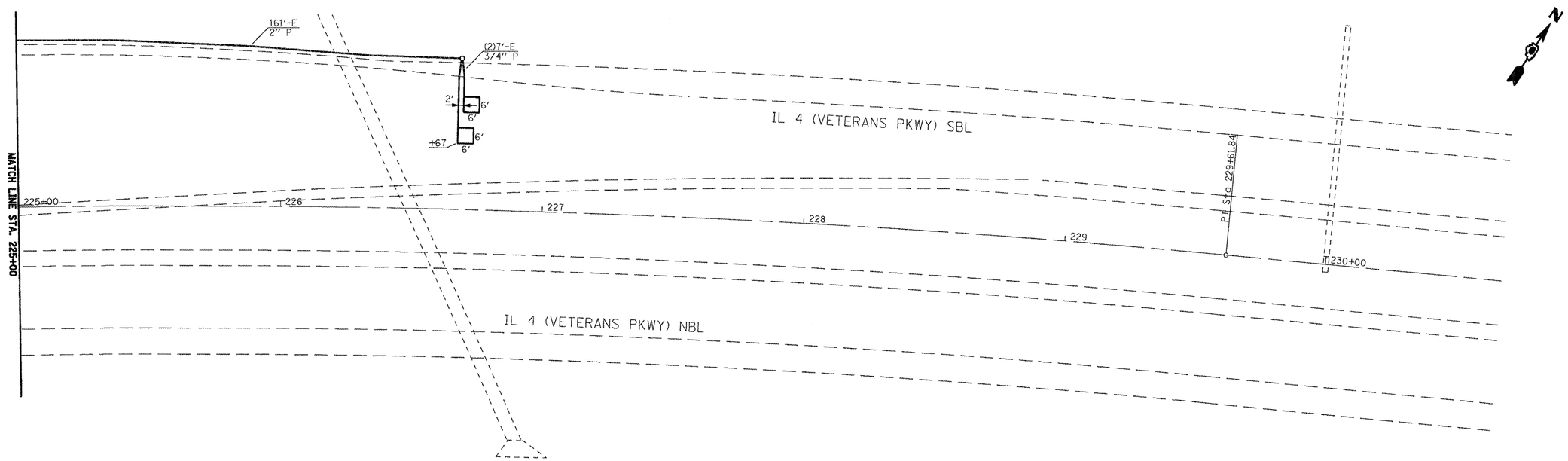
	PLOT DATE = Apr-29-2010 02:59:56PM	CHECKED -	REVISED -			*	FAP 666 (BL-55), FAP 662 (IL 4) FAP 658 (IL 29)	CONTRACT NO. 72C35		
		DATE -	REVISED -		SCALE: SHEET NO. 8 OF 33 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		





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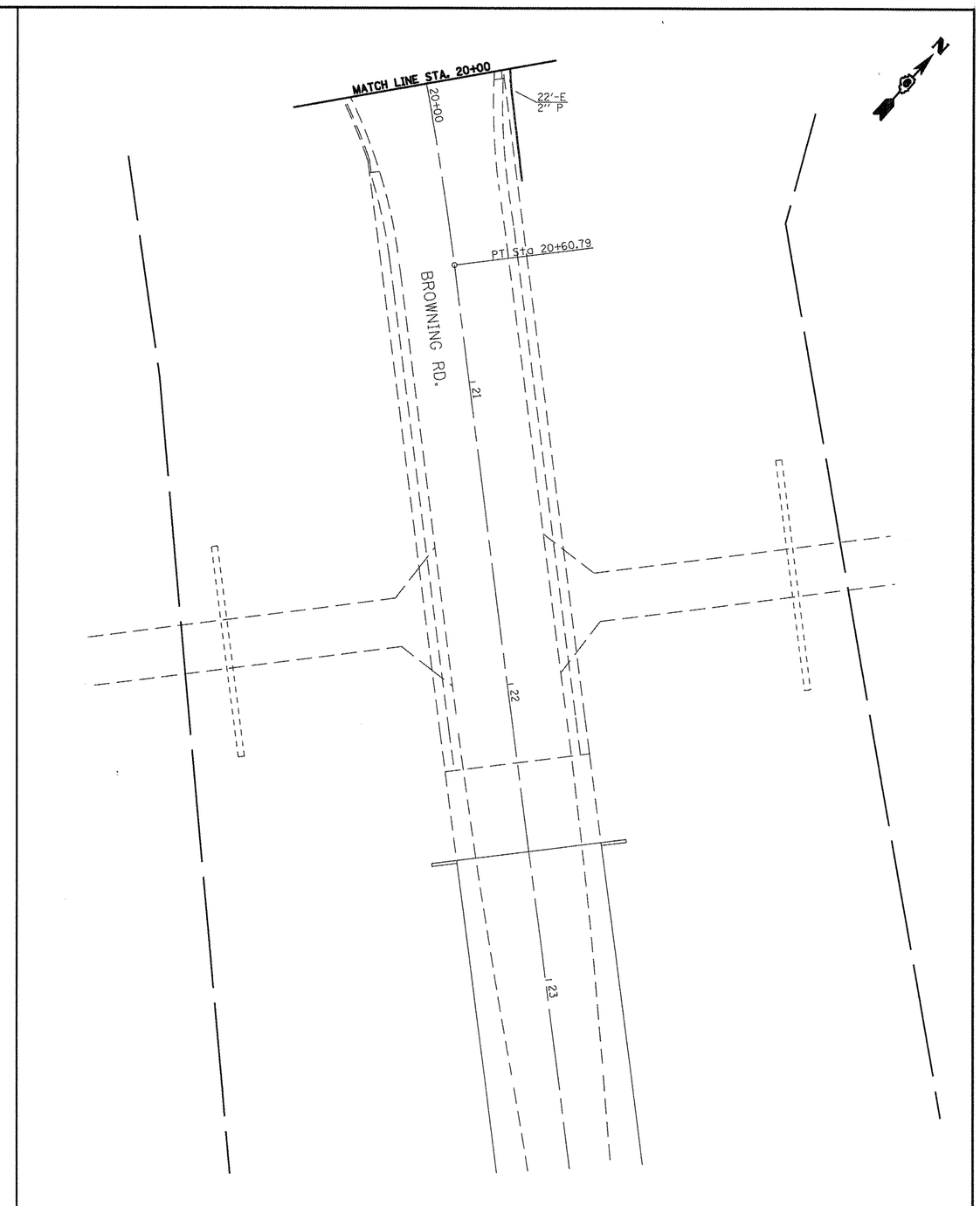
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN
IL 4 (VETERANS PKWY.) & BROWNING RD.

SCALE: | SHEET NO. 9 OF 33 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	1-1(RS,TS-1), 27RS-6, 102RS-4	SANGAMON	206	179
*	FAP 666 (BL-55), FAP 662 (IL 4) FAP 658 (IL 29)	CONTRACT NO. 72C35		

ILLINOIS | FED. AID PROJECT



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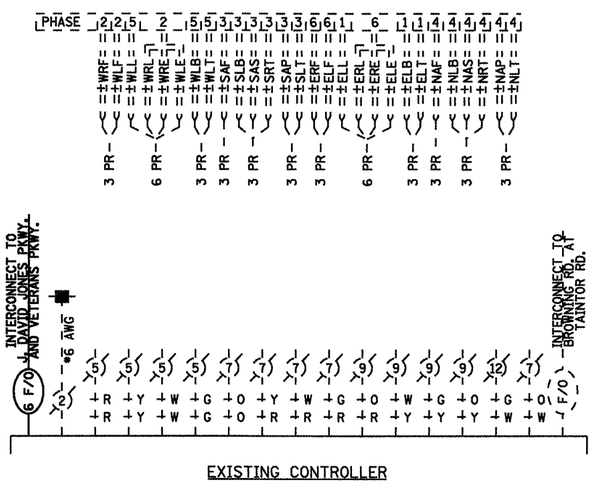
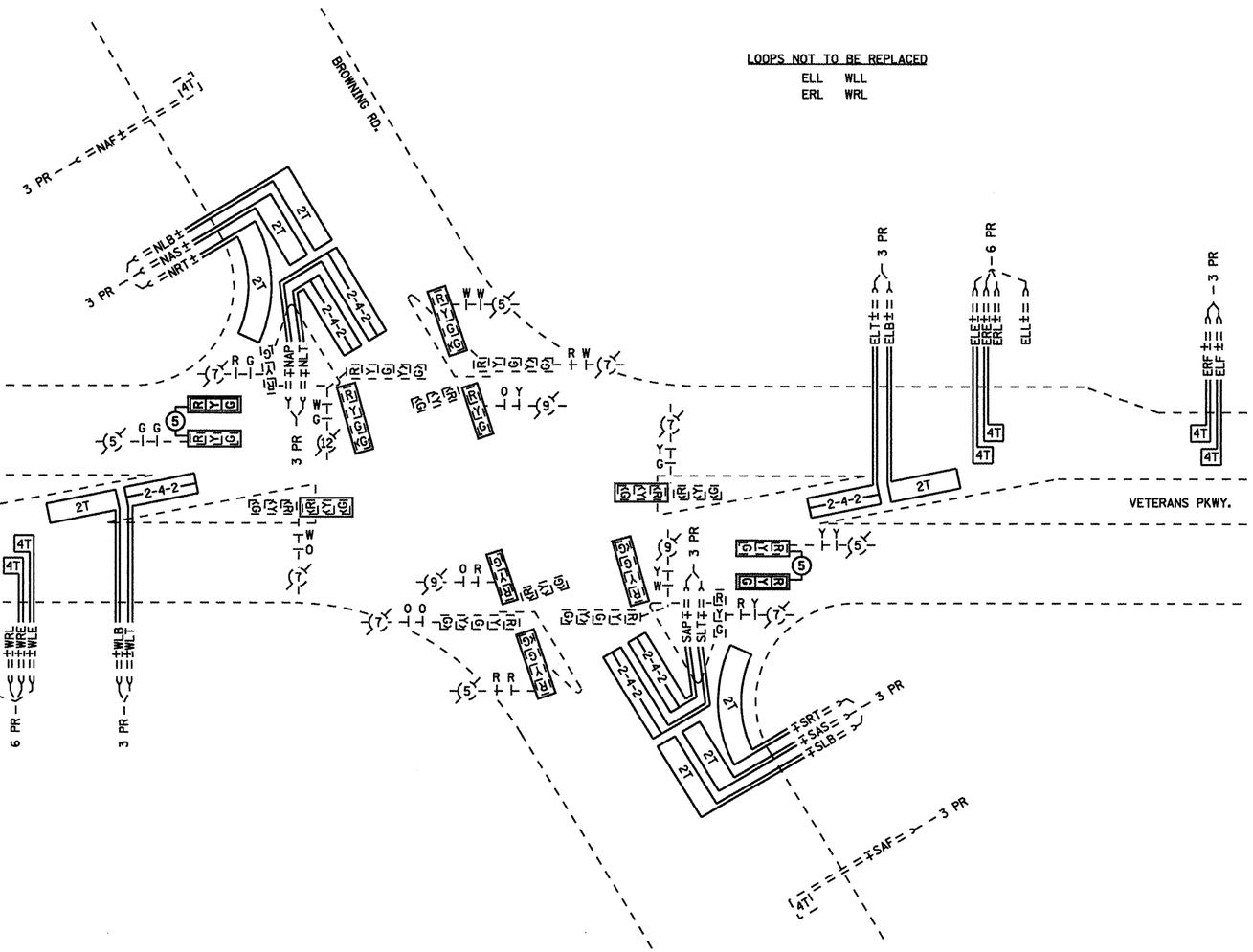
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

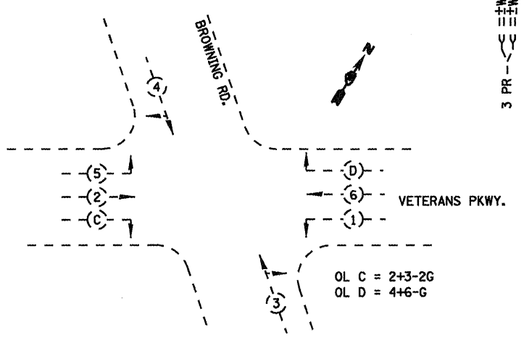
PROPOSED PLAN
IL 4 (VETERANS PKWY.) & BROWNING RD.

SCALE: | SHEET NO. 10 OF 33 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	1-1(RS,TS-1), 27RS-6, 102RS-4	SANGAMON	206	180
*	FAP 666 (BL-RS), FAP 662 (IL 4) FAP 658 (IL 29)	CONTRACT NO. 72C35		
		ILLINOIS FED. AID PROJECT		







PHASE DESIGNATION DIAGRAM

NOT TO SCALE

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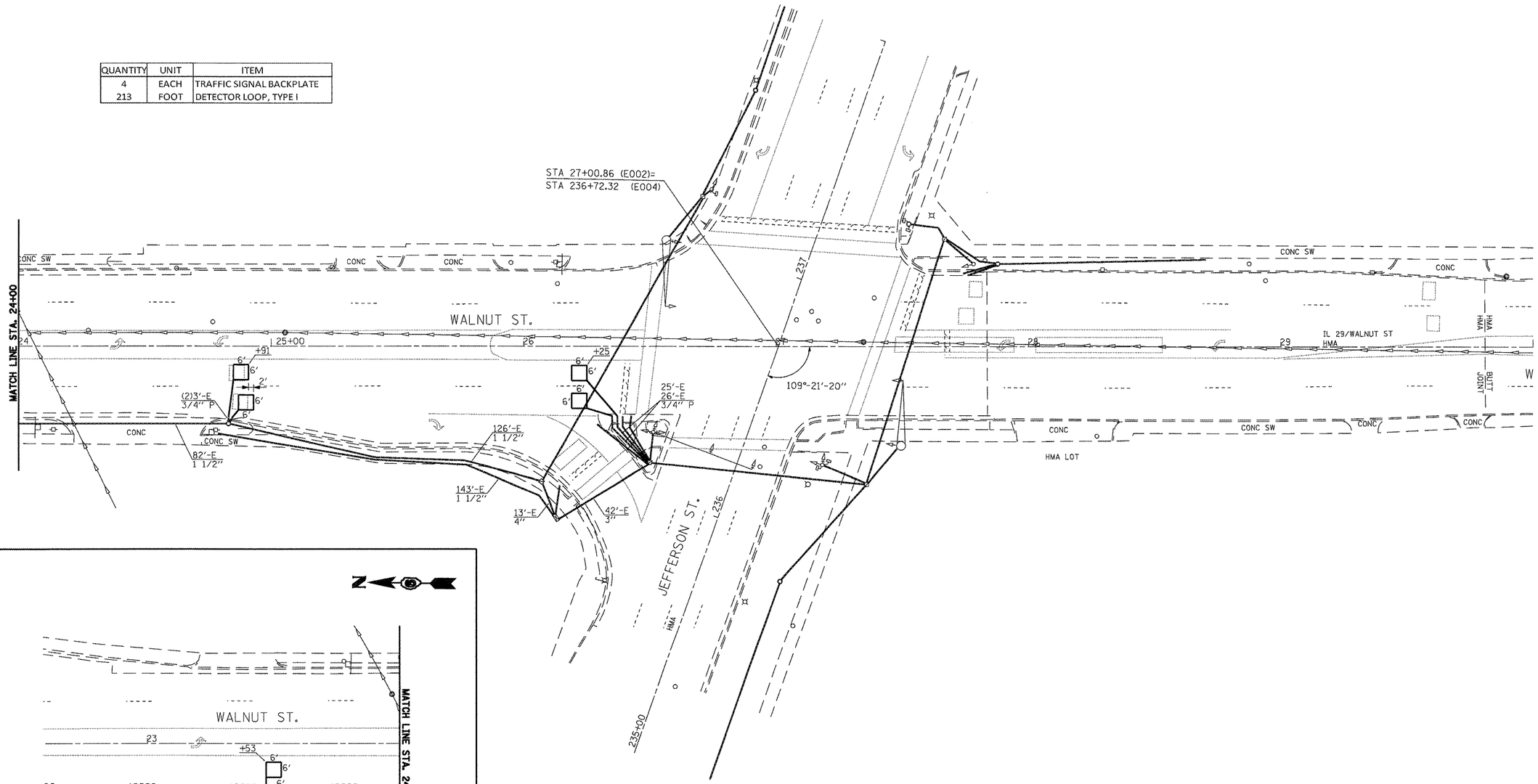
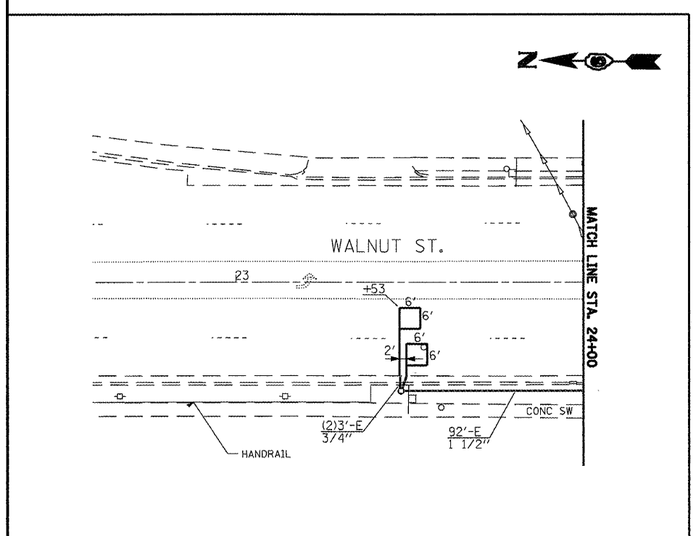
	PLOT DATE = Apr-29-2010 03:00:04PM	CHECKED -	REVISED -			*	FAP 666 (BL-55), FAP 662 (IL 4) FAP 658 (IL 29)	CONTRACT NO. 72C35		
		DATE -	REVISED -		SCALE: SHEET NO. 11 OF 33 SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT		

QUANTITY	UNIT	ITEM
4	EACH	TRAFFIC SIGNAL BACKPLATE
213	FOOT	DETECTOR LOOP, TYPE I





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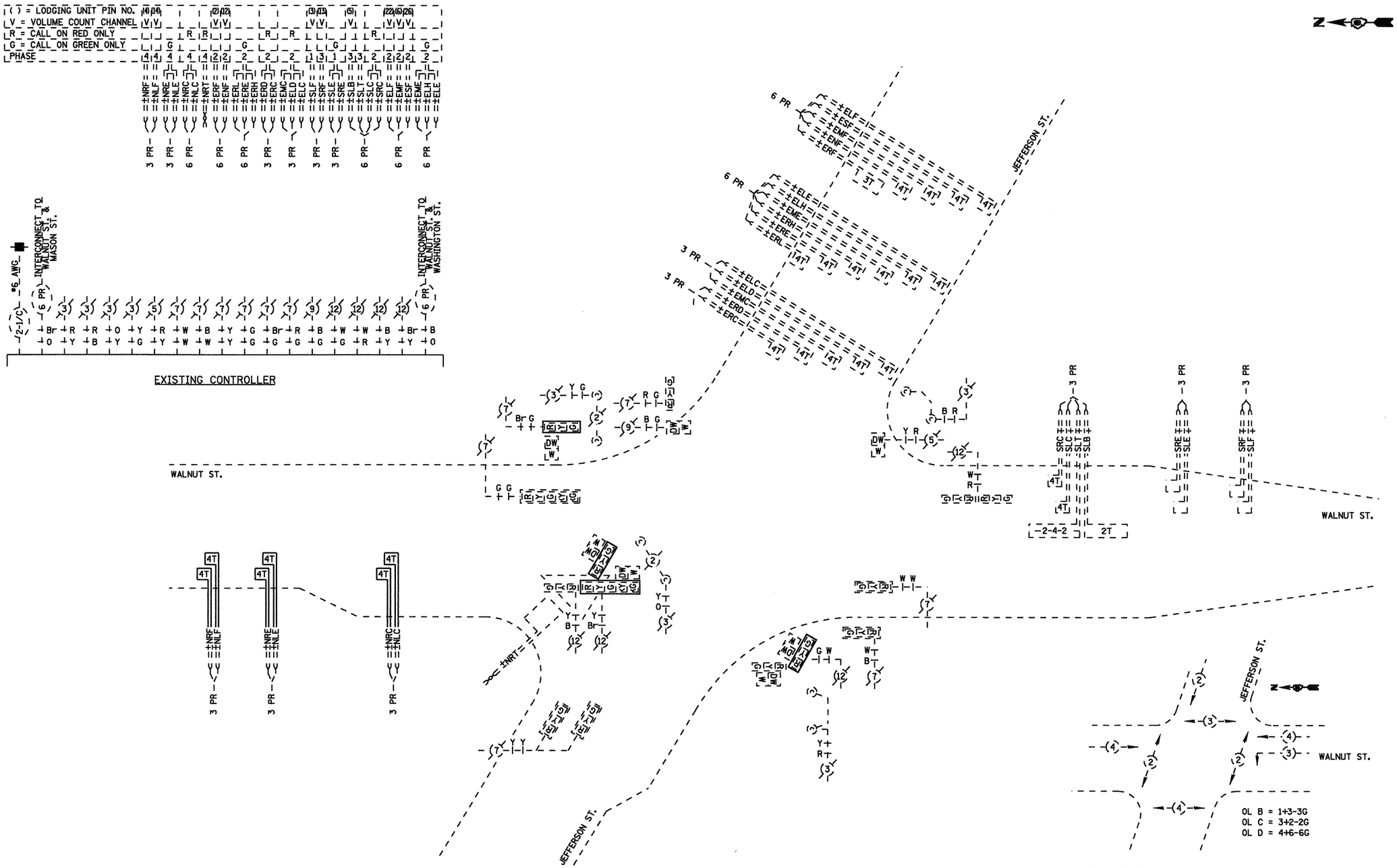
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED CABLE PLAN
JEFFERSON ST. & WALNUT ST.

SCALE: | SHEET NO. 12 OF 33 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	1-1(RS,TS-1), 27RS-6, 102RS-4	SANGAMON	206	182
*	FAP 666 (BL-55), FAP 662 (IL 4) FAP 658 (IL 29)	CONTRACT NO. 72C35		

ILLINOIS FED. AID PROJECT



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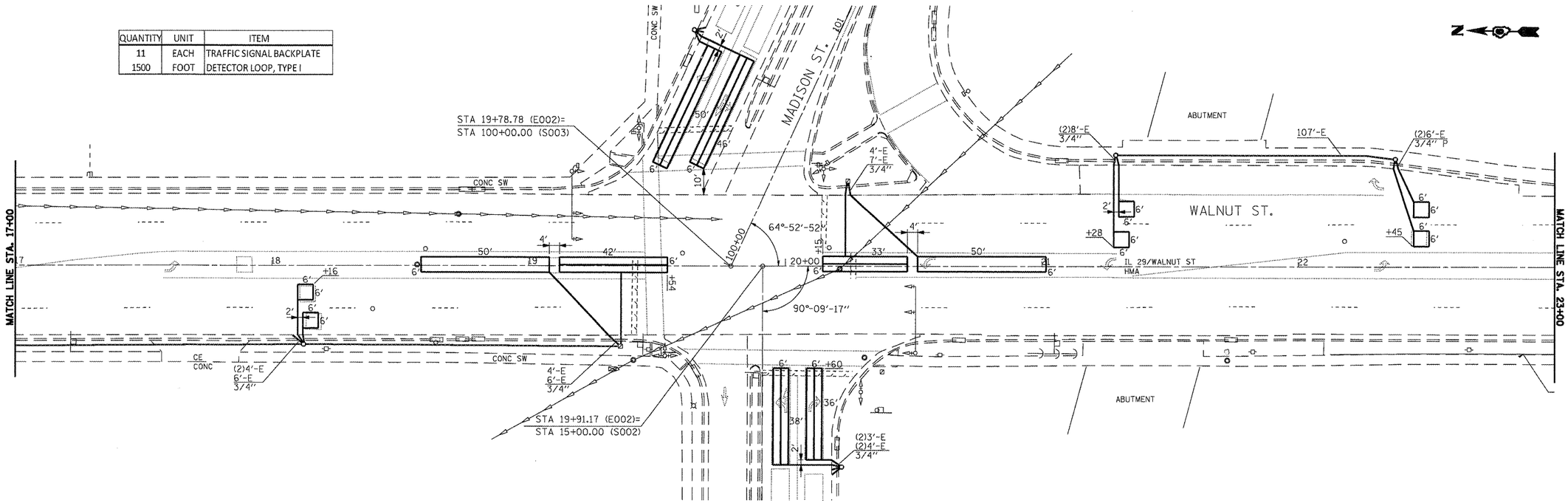
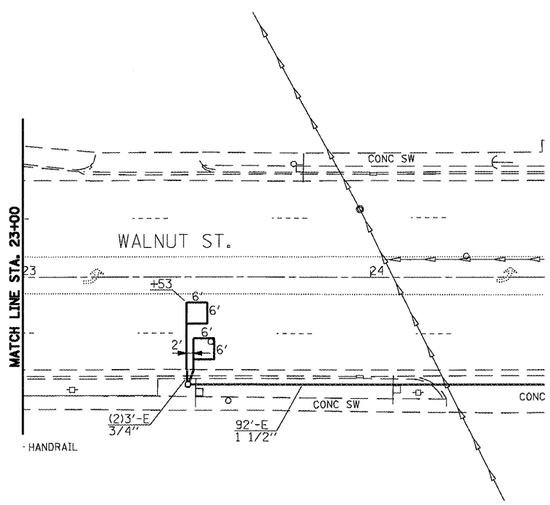
	PLOT SCALE = 40.0000 ' / IN.	DRAWN -	REVISED -			*	1-1(RS,TS-1), 27RS-6, 102RS-4	SANGAMON	206	183
	PLOT DATE = Apr-29-2010 03:00:09PM	CHECKED -	REVISED -			*	FAP 685 (BL-35), FAP 662 (IL 4) FAP 658 (IL 29)	CONTRACT NO. 72C35		
		DATE -	REVISED -		SCALE: SHEET NO. 13 OF 33 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		

QUANTITY	UNIT	ITEM
11	EACH	TRAFFIC SIGNAL BACKPLATE
1500	FOOT	DETECTOR LOOP, TYPE I





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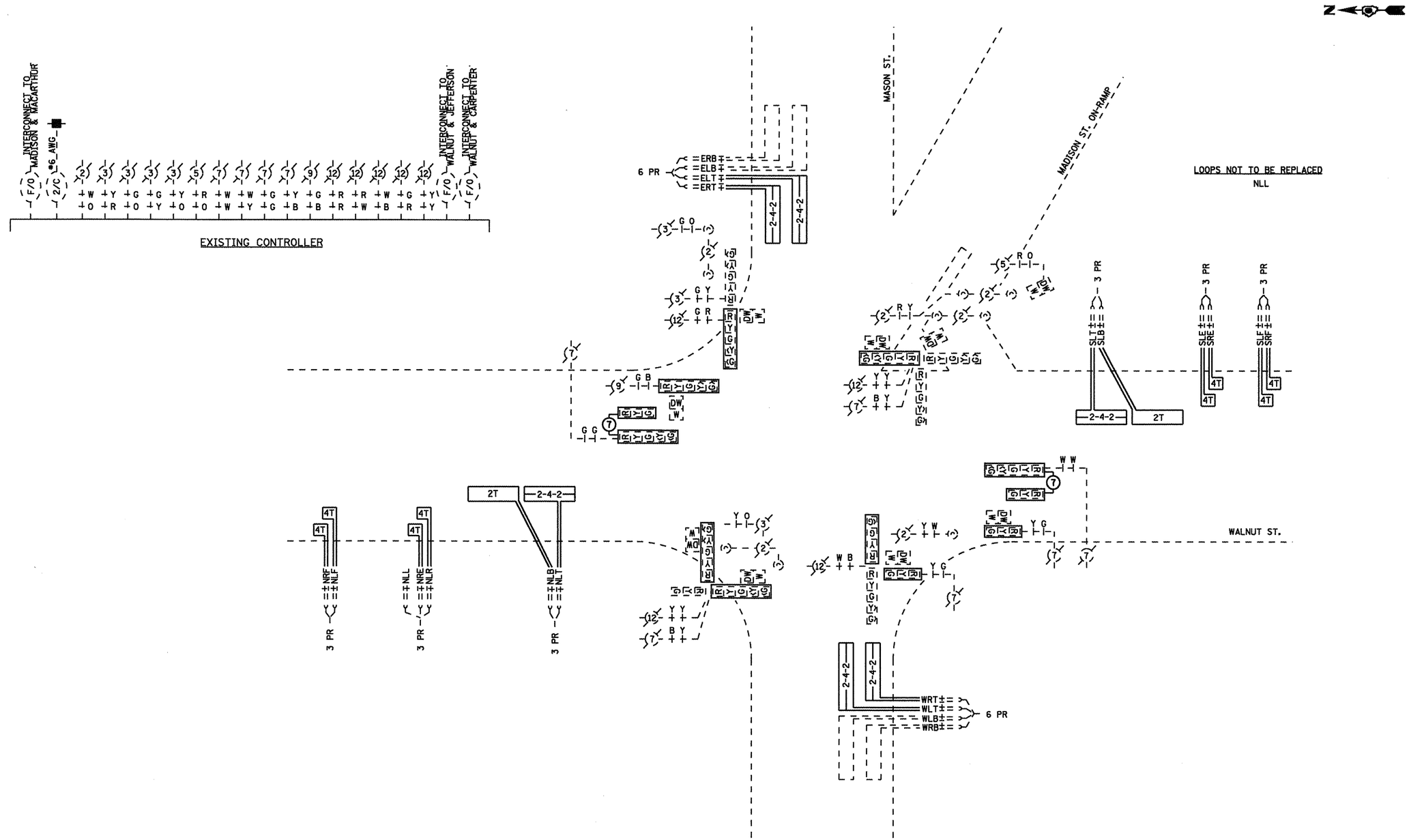
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN
WALNUT ST. & MASON ST.

SCALE: | SHEET NO. 14 OF 33 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	1-1(RS,TS-1), 27RS-6, 102RS-4	SANGAMON	206	184
*	FAP 655 (BL-55), FAP 662 (IL 4) FAP 658 (IL 29)	CONTRACT NO. 72C35		
		ILLINOIS	FED. AID PROJECT	



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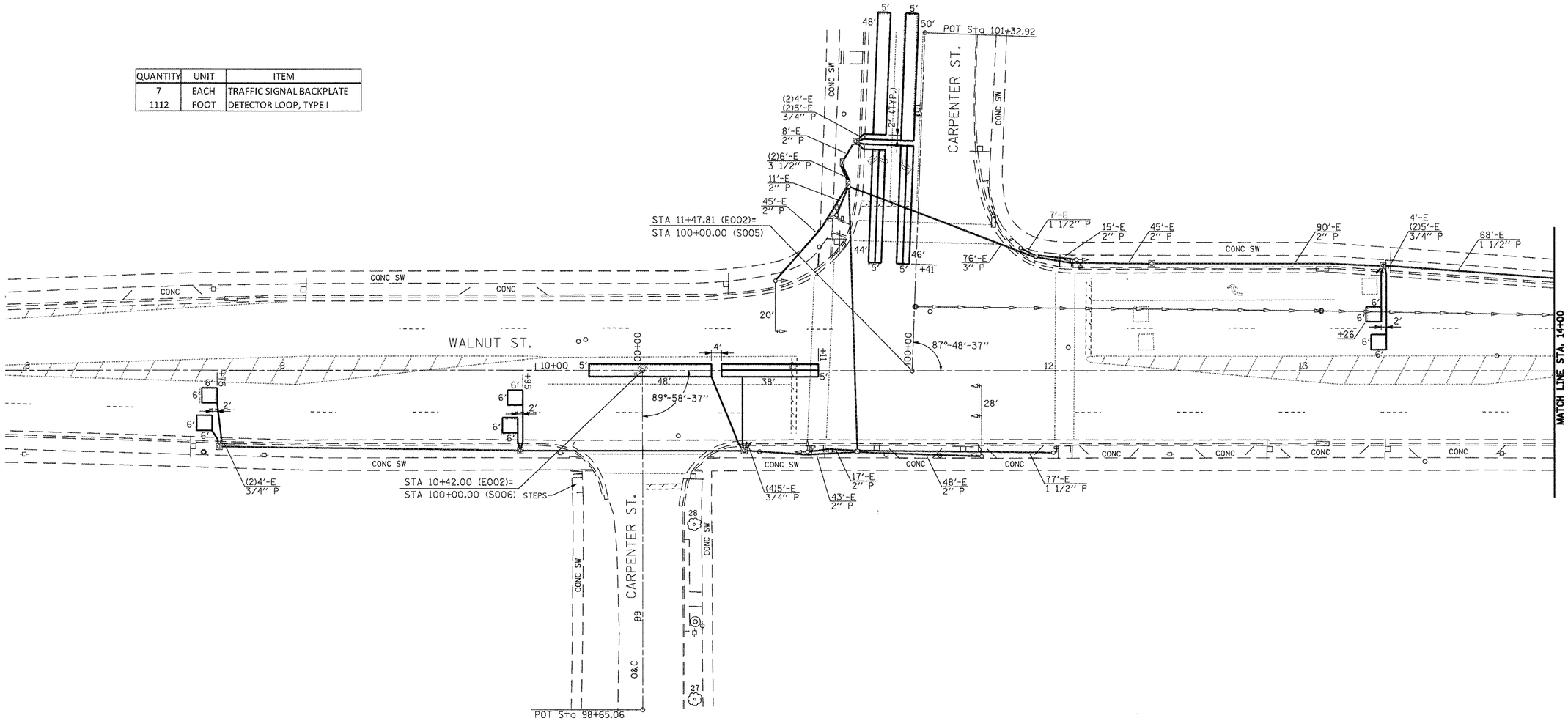
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED CABLE PLAN
WALNUT ST. & MASON ST.

SCALE: | SHEET NO. 15 OF 33 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	1-1(RS,TS-1), 27RS-6, 102RS-4	SANGAMON	206	185
*	FAP 666 (BL-55), FAP 662 (IL 4) FAP 658 (IL 29)	CONTRACT NO. 72C35		
		ILLINOIS FED. AID PROJECT		

QUANTITY	UNIT	ITEM
7	EACH	TRAFFIC SIGNAL BACKPLATE
1112	FOOT	DETECTOR LOOP, TYPE I



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		DRAWN -	REVISED -			*	1-1(RS,TS-1), 27RS-6, 102RS-4	SANGAMON	206	186
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -			*	FAP 666 (BL-55), FAP 662 (IL 4) FAP 658 (IL 29)	CONTRACT NO. 72C35		
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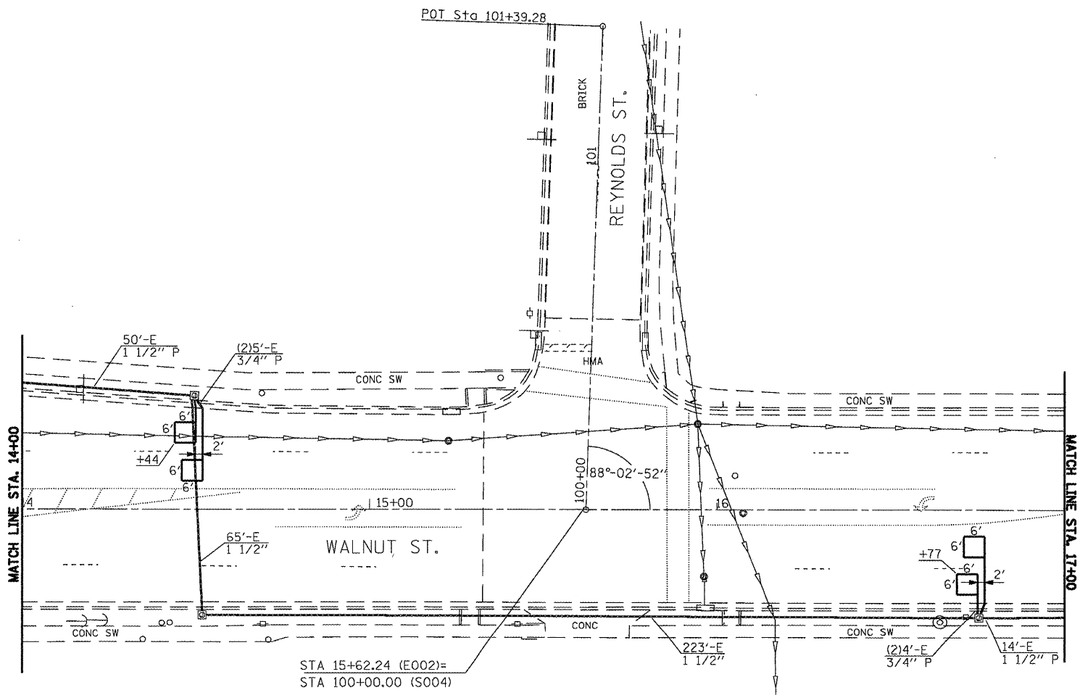

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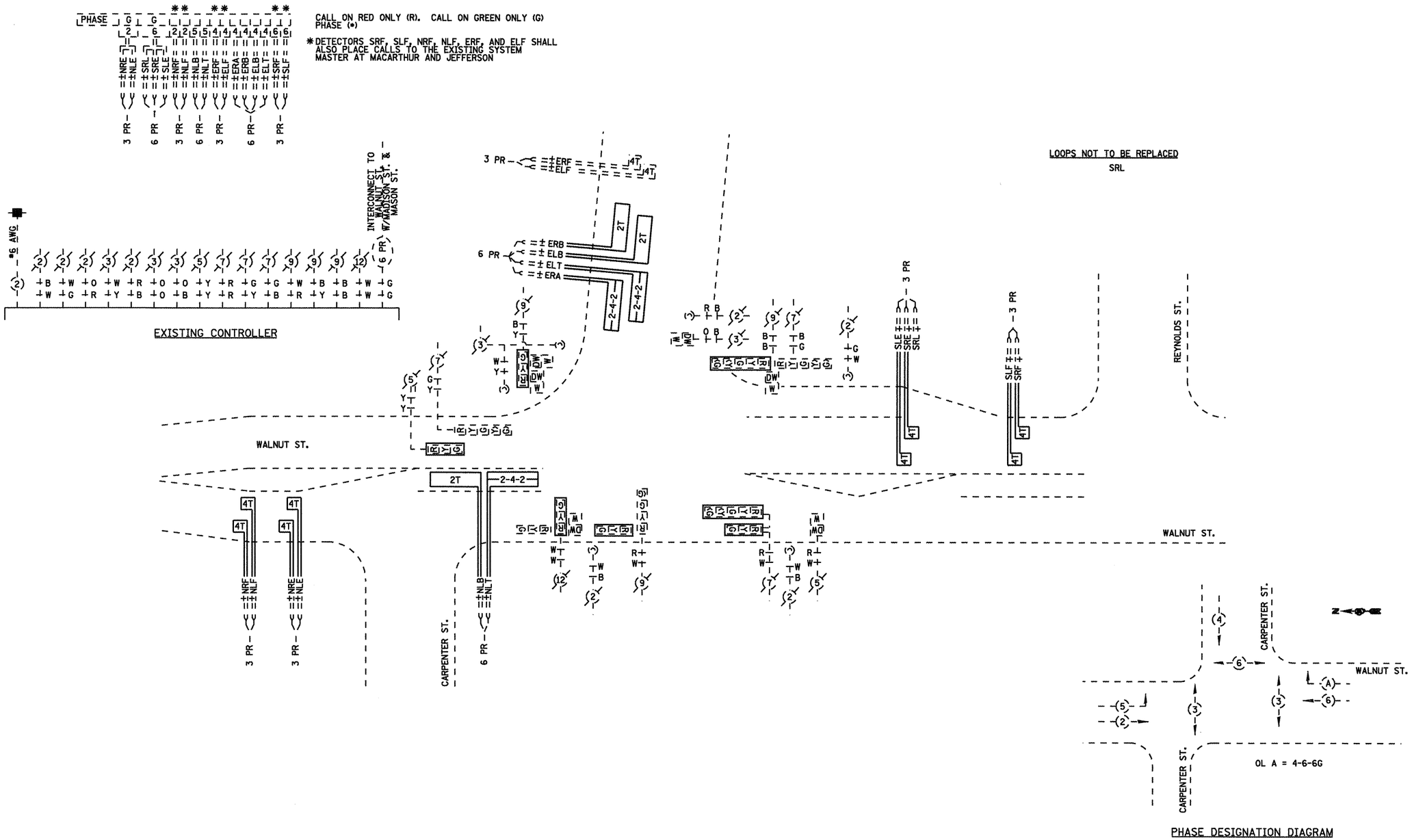
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN
WALNUT ST. & CARPENTER ST.

SCALE: | SHEET NO. 17 OF 33 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	1-1(RS,TS-1), 27RS-6, 102RS-4	SANGAMON	206	187
*	FAP 665 (BL-55), FAP 662 (IL 4) FAP 658 (IL 29)	CONTRACT NO. 72C35		

ILLINOIS FED. AID PROJECT



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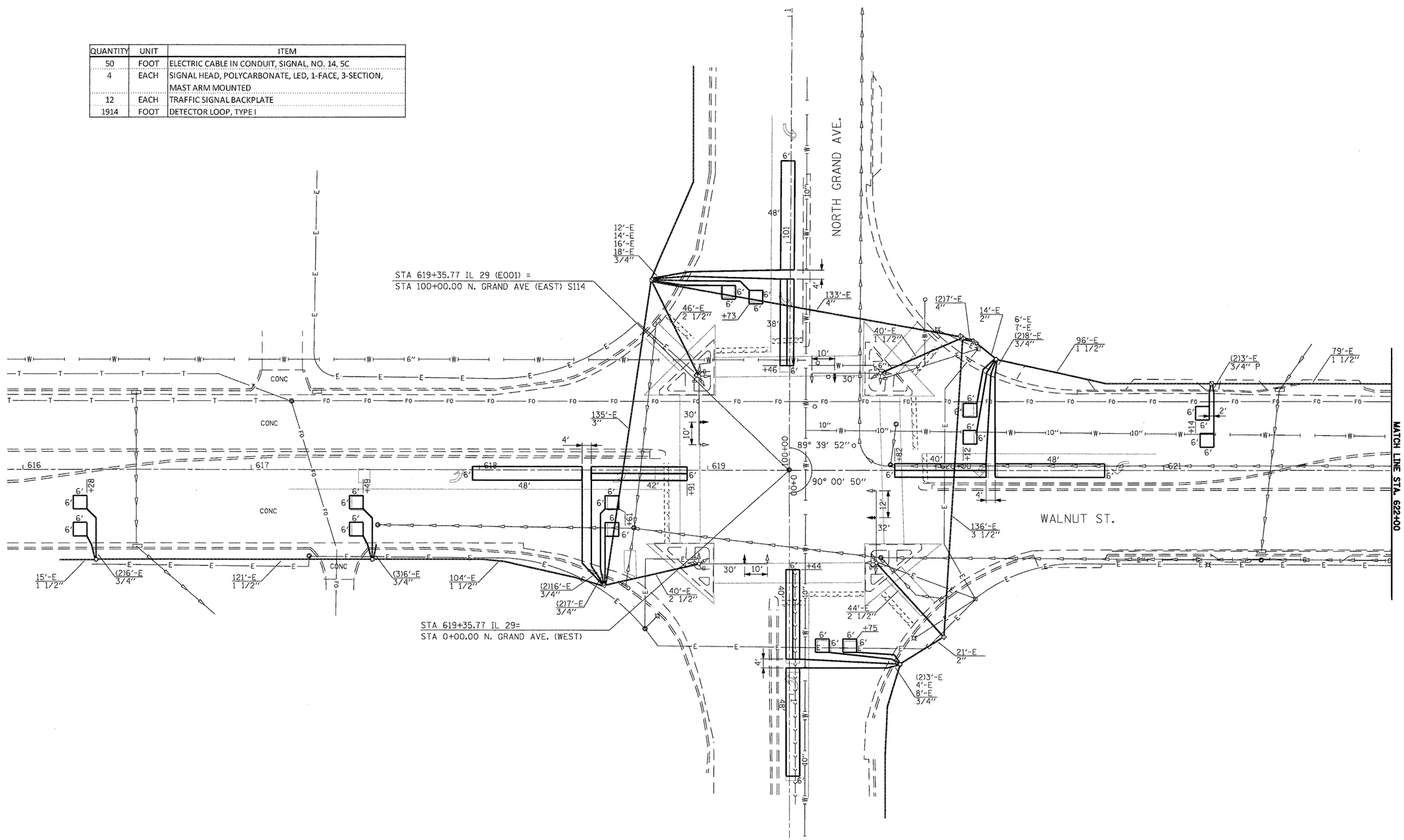
	PLOT SCALE = 40.0000 ' / IN.	DRAWN -	REVISED -			*	1-10(RS,TS-1), 27RS-6, 102RS-4	SANGAMON	206	188
	PLOT DATE = Apr-29-2010 03:00:26PM	CHECKED -	REVISED -			*	FAP 666 (BL-55), FAP 662 (IL 4) FAP 658 (IL 29)	CONTRACT NO. 72C35		
		DATE -	REVISED -		SCALE: SHEET NO. 18 OF 33 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		

QUANTITY	UNIT	ITEM
50	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 5C
4	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
12	EACH	TRAFFIC SIGNAL BACKPLATE
1914	FOOT	DETECTOR LOOP, TYPE I



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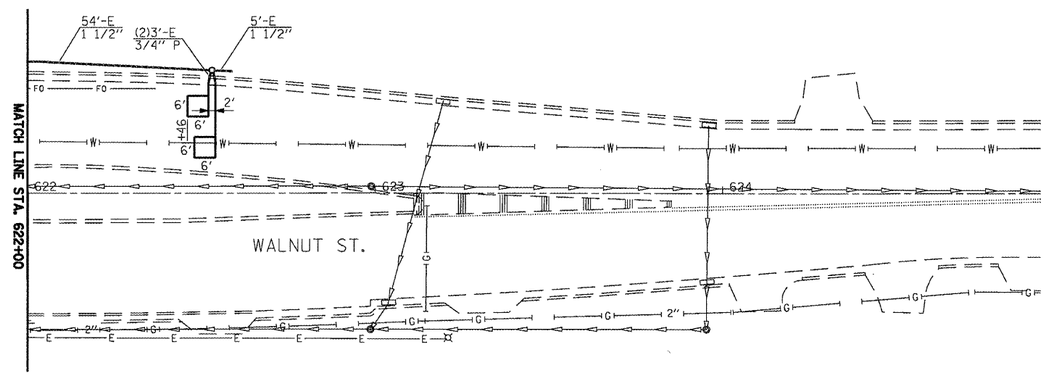

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		DRAWN -	REVISED -			*	1-1(RS,TS-1), 27RS-6, 102RS-4	SANGAMON	206	190
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -			*	FAP 666 (BL-55), FAP 662 (IL 4) FAP 658 (IL 29)	CONTRACT NO. 72C35		
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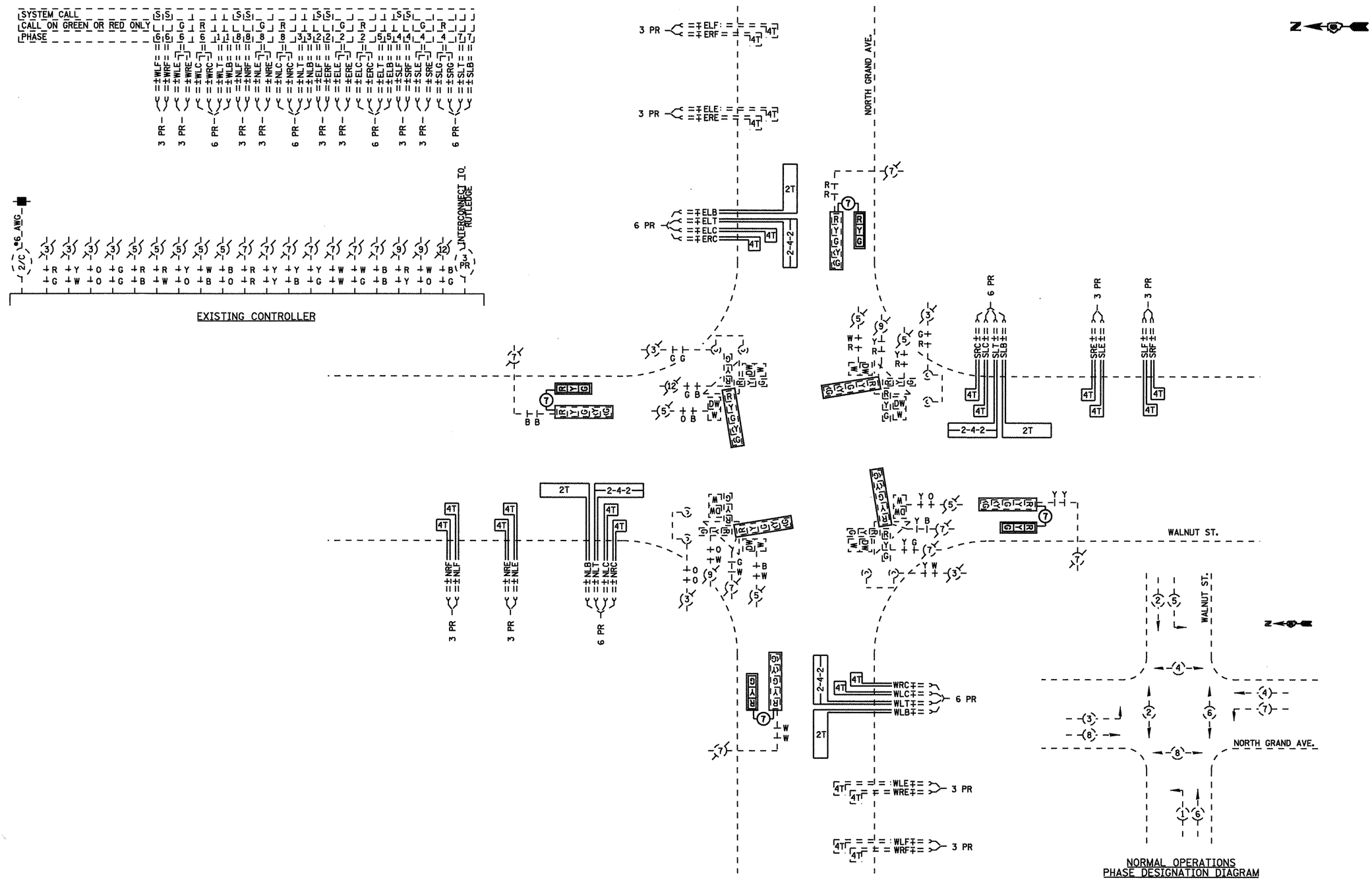

NOT TO SCALE

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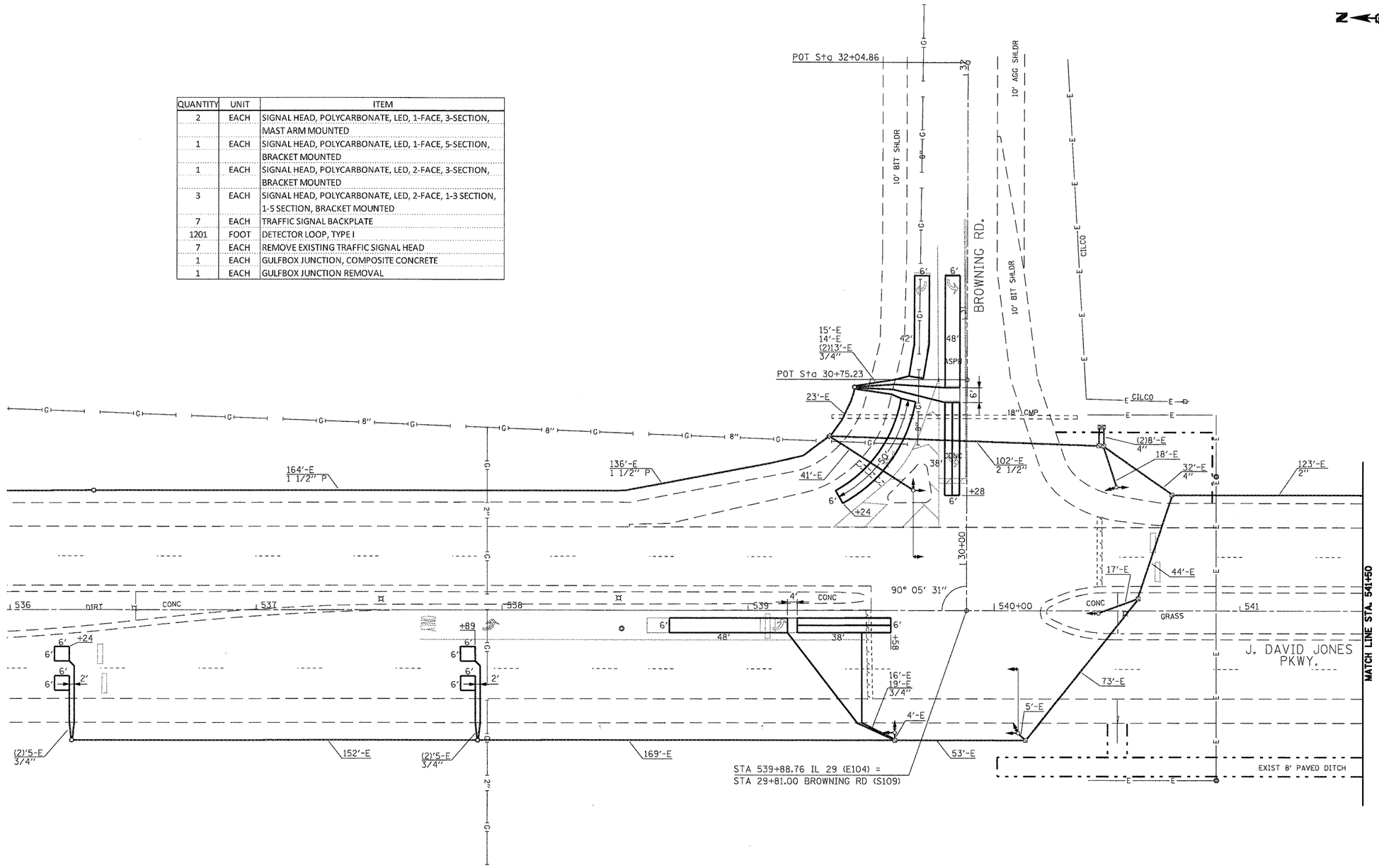
		DRAWN -	REVISED -			*	1-1(RS,TS-1), 27RS-6, 102RS-4	SANGAMON	206 / 191
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -			*	FAP 666 (BL-55), FAP 662 (IL 4) FAP 658 (IL 29)	CONTRACT NO. 72C35	
	PLOT DATE = Apr-29-2010 03:00:33PM	DATE -	REVISED -		SCALE: / SHEET NO. 21 OF 33 SHEETS / STA. / TO STA.			ILLINOIS FED. AID PROJECT	

QUANTITY	UNIT	ITEM
2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
3	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
7	EACH	TRAFFIC SIGNAL BACKPLATE
1201	FOOT	DETECTOR LOOP, TYPE I
7	EACH	REMOVE EXISTING TRAFFIC SIGNAL HEAD
1	EACH	GULFBOX JUNCTION, COMPOSITE CONCRETE
1	EACH	GULFBOX JUNCTION REMOVAL



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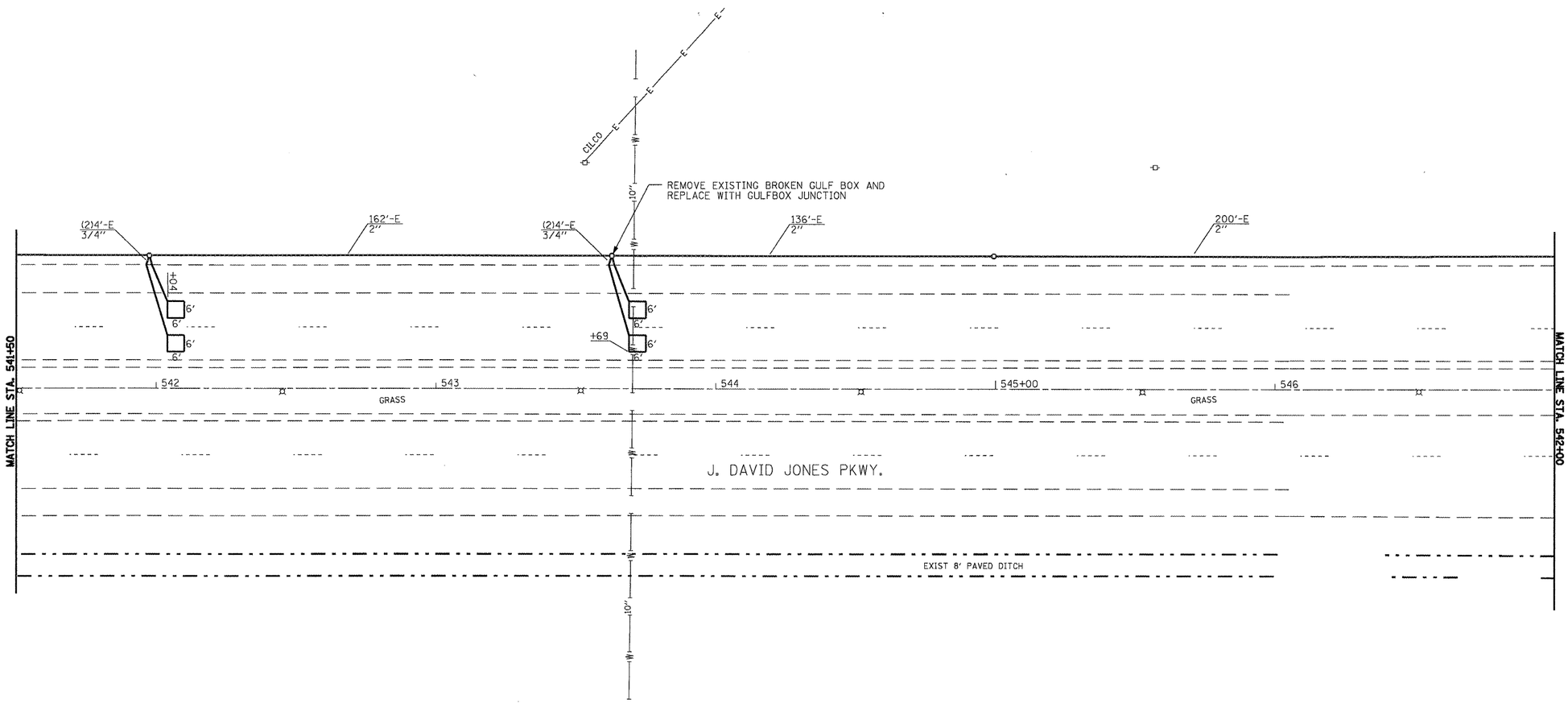
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN
IL 29 (J. DAVID JONES PKWY.) & BROWNING RD.

SCALE: | SHEET NO. 22 OF 33 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	1-1(RS,TS-1), 27RS-6, 102RS-4	SANGAMON	206	192
*	FAP 665 (BL-55), FAP 662 (IL 4) FAP 658 (IL 29)	CONTRACT NO. 72C35		

ILLINOIS FED. AID PROJECT



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		DATE -	REVISED -

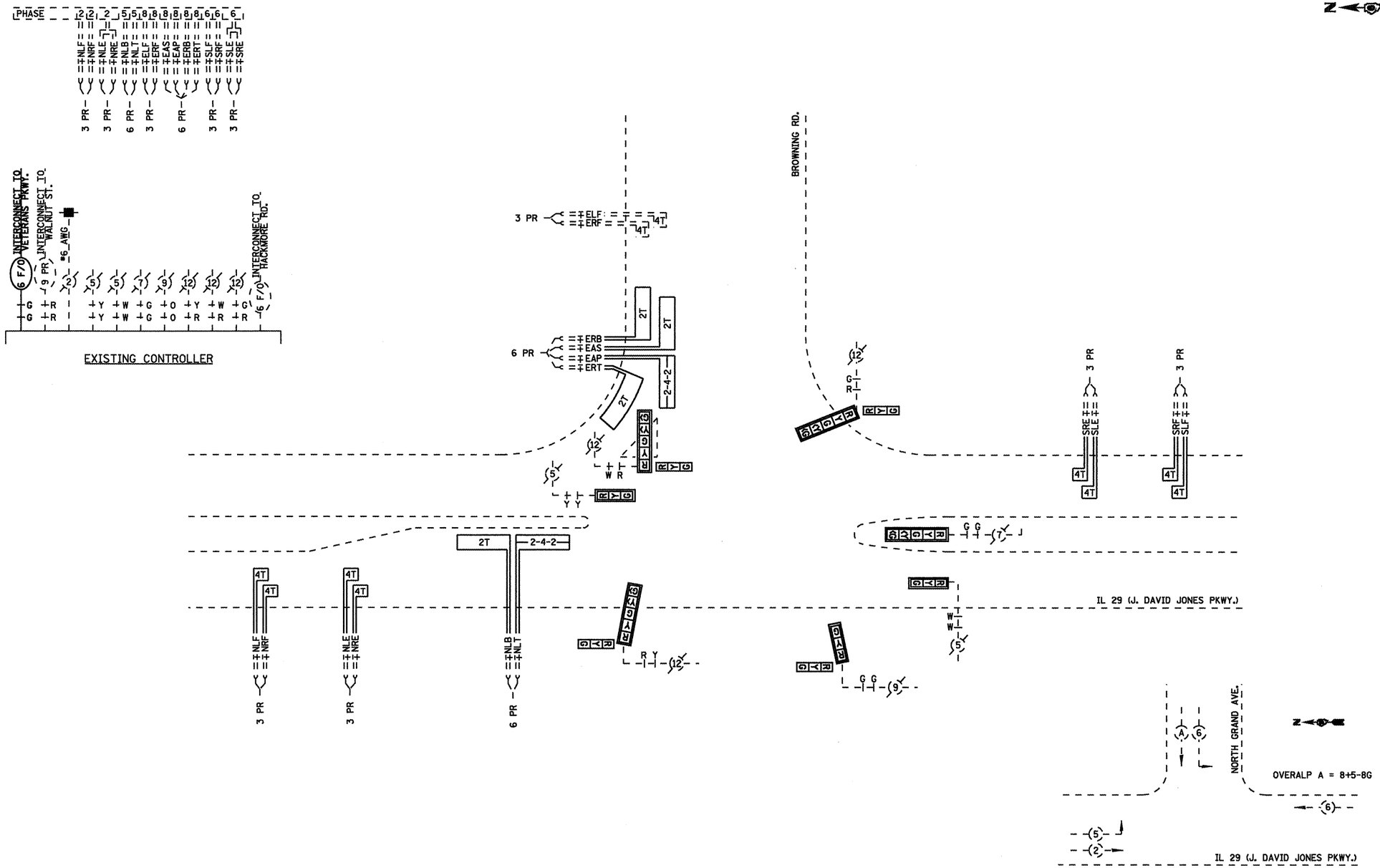
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN
IL 29 (J. DAVID JONES PKWY.) & BROWNING RD.

SCALE: | SHEET NO. 23 OF 33 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	1-1(RS,TS-1), 27RS-6, 102RS-4	SANGAMON	206	193
*	FAP 666 (BL-55), FAP 662 (IL 4) FAP 658 (IL 29)	CONTRACT NO. 72C35		

ILLINOIS FED. AID PROJECT



PHASE DESIGNATION DIAGRAM

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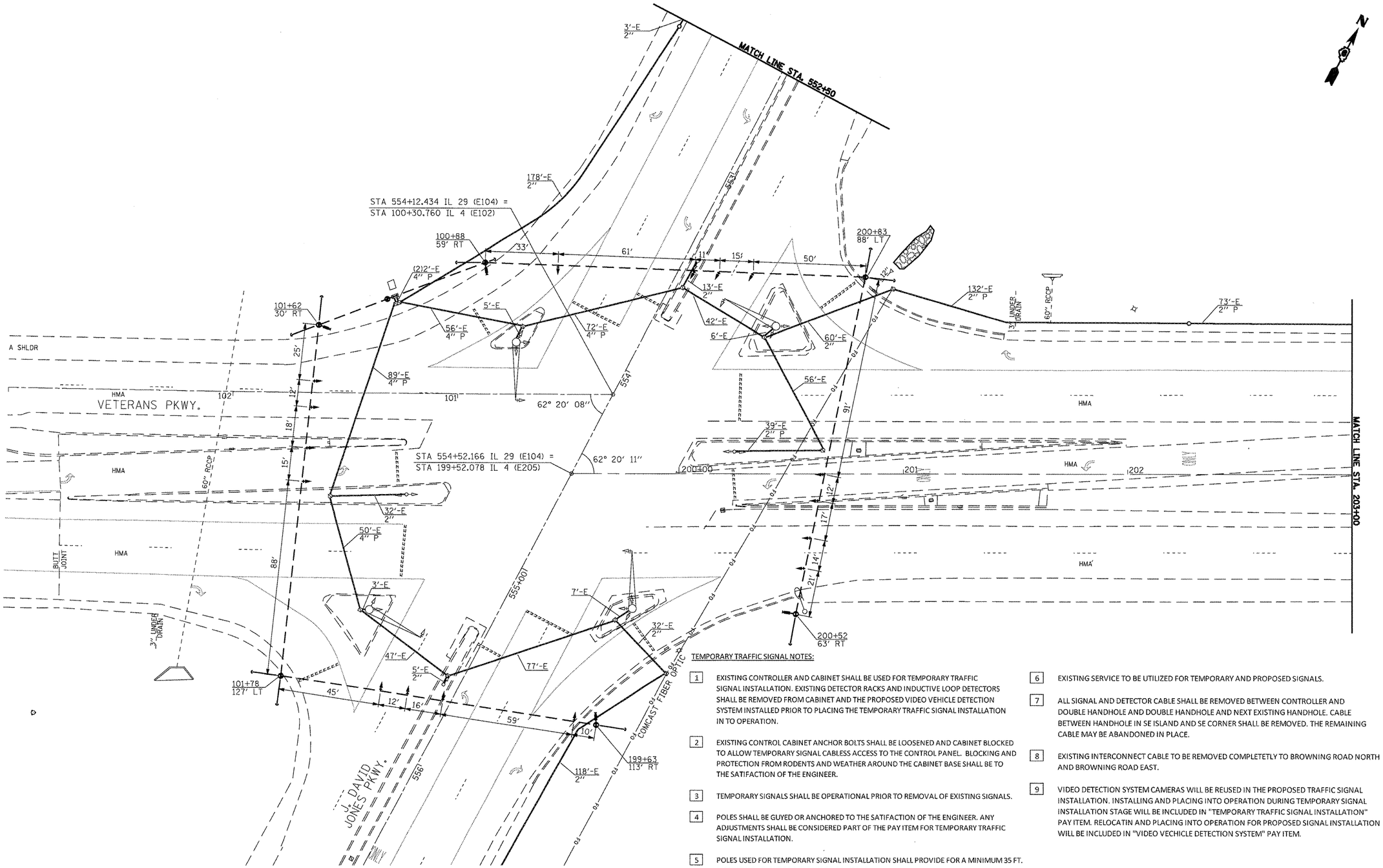

TEMPORARY TRAFFIC SIGNAL NOTES:

1. EXISTING CONTROLLER AND CABINET SHALL BE USED FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION. EXISTING DETECTOR RACKS AND INDUCTIVE LOOP DETECTORS SHALL BE REMOVED FROM CABINET AND THE PROPOSED VIDEO VEHICLE DETECTION SYSTEM INSTALLED PRIOR TO PLACING THE TEMPORARY TRAFFIC SIGNAL INSTALLATION IN TO OPERATION.

2. EXISTING CONTROL CABINET ANCHOR BOLTS SHALL BE LOOSENED AND CABINET BLOCKED TO ALLOW TEMPORARY SIGNAL CABLESS ACCESS TO THE CONTROL PANEL. BLOCKING AND PROTECTION FROM RODENTS AND WEATHER AROUND THE CABINET BASE SHALL BE TO THE SATIFACTION OF THE ENGINEER.

3. TEMPORARY SIGNALS SHALL BE OPERATIONAL PRIOR TO REMOVAL OF EXISTING SIGNALS.

4. POLES SHALL BE GUYED OR ANCHORED TO THE SATIFACTION OF THE ENGINEER. ANY ADJUSTMENTS SHALL BE CONSIDERED PART OF THE PAY ITEM FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.

5. POLES USED FOR TEMPORARY SIGNAL INSTALLATION SHALL PROVIDE FOR A MINIMUM 35 FT. MOUNTING HEIGHT FOR THE VIDEO CAMERAS.

6. EXISTING SERVICE TO BE UTILIZED FOR TEMPORARY AND PROPOSED SIGNALS.

7. ALL SIGNAL AND DETECTOR CABLE SHALL BE REMOVED BETWEEN CONTROLLER AND DOUBLE HANDHOLE AND DOUBLE HANDHOLE AND NEXT EXISTING HANDHOLE. CABLE BETWEEN HANDHOLE IN SE ISLAND AND SE CORNER SHALL BE REMOVED. THE REMAINING CABLE MAY BE ABANDONED IN PLACE.

8. EXISTING INTERCONNECT CABLE TO BE REMOVED COMPLETETLY TO BROWNING ROAD NORTH AND BROWNING ROAD EAST.

9. VIDEO DETECTION SYSTEM CAMERAS WILL BE REUSED IN THE PROPOSED TRAFFIC SIGNAL INSTALLATION. INSTALLING AND PLACING INTO OPERATION DURING TEMPORARY SIGNAL INSTALLATION STAGE WILL BE INCLUDED IN "TEMPORARY TRAFFIC SIGNAL INSTALLATION" PAY ITEM. RELOCATIN AND PLACING INTO OPERATION FOR PROPOSED SIGNAL INSTALLATION WILL BE INCLUDED IN "VIDEO VECHICLE DETECTION SYSTEM" PAY ITEM.

FILE NAME = c:\pw_work\PWIDOT\LAUGHLINRL\d0203328\D72C35_sht_ts_29.dgn	USER NAME = laughlinrl	DESIGNED -	REVISED -
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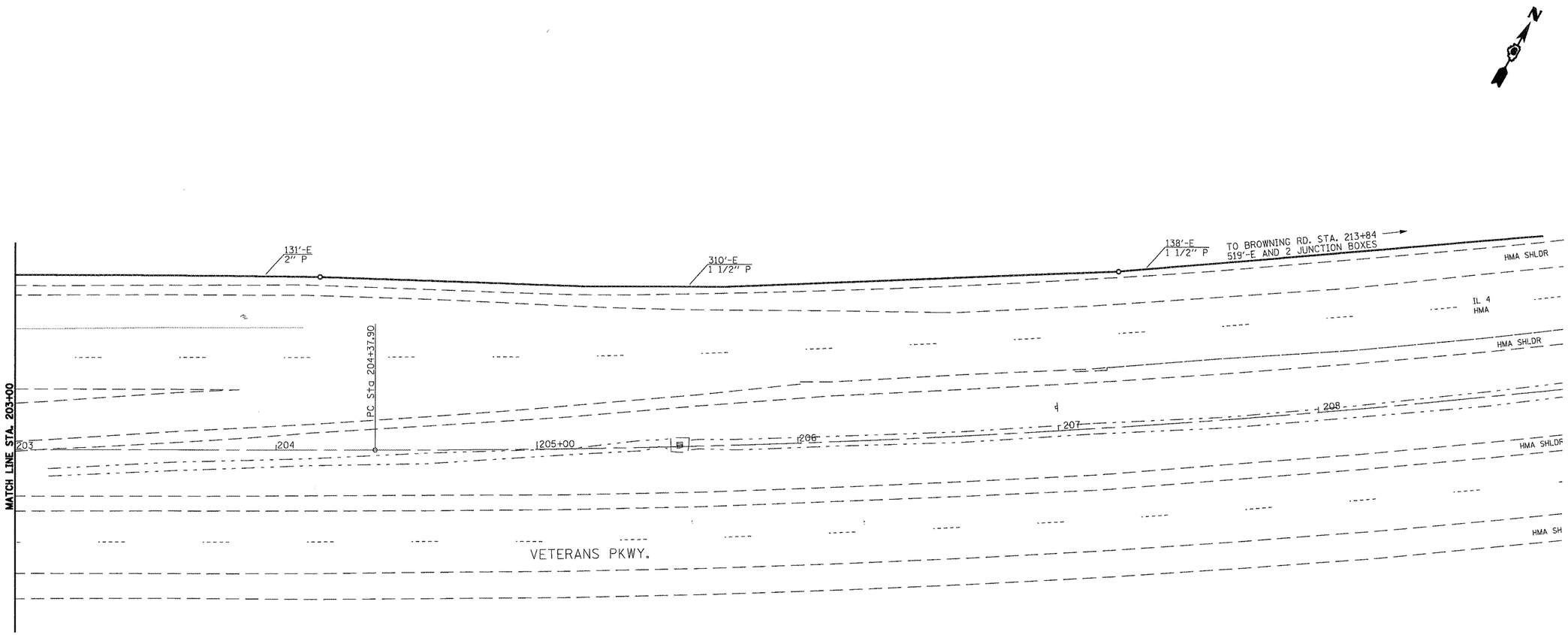
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TEMPORARY SIGNALS PLAN
IL 29 (J. DAVID JONES PKWY.) & IL 4 (VETERANS PKWY.)

SCALE: | SHEET NO. 25 OF 33 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	1-(RS,TS-1), 27RS-6, 102RS-4	SANGAMON	206	195
*	FAP 665 (BL-55), FAP 682 (IL 4) FAP 658 (IL 29)	CONTRACT NO. 72C35		
		ILLINOIS FED. AID PROJECT		



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		DATE -	REVISED -

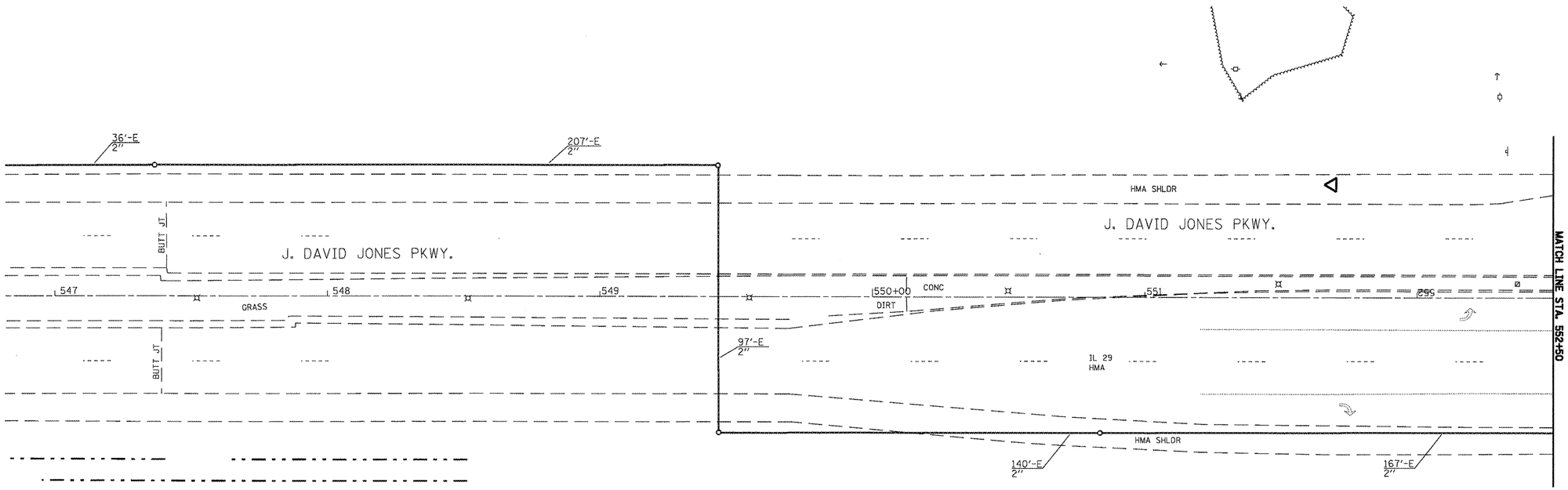
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLAN
IL 29 (J. DAVID JONES PKWY.) & IL 4 (VETERANS PKWY.)

SCALE: | SHEET NO. 26 OF 33 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	1-1(RS,TS-1), 27RS-6, 102RS-4	SANGAMON	206	196
*	FAP 666 (BL-55), FAP 662 (IL 4) FAP 658 (IL 29)	CONTRACT NO. 72C35		

ILLINOIS FED. AID PROJECT



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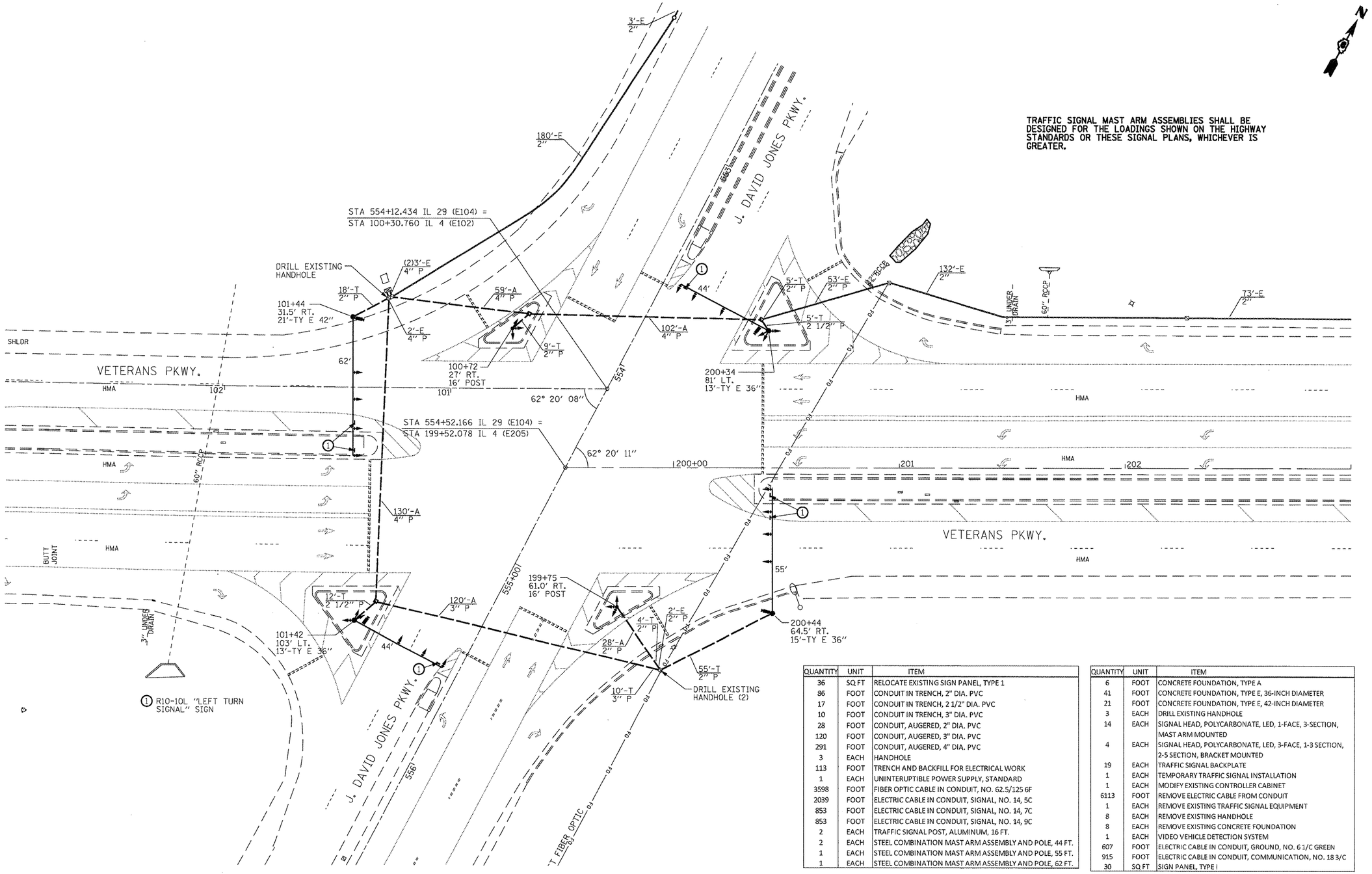
c:\pw_work\PWIDOT\LAUGHLINRL\d0203328\	672C35_sht_ts_31.dgn	DRAWN -	REVISED -	DEPARTMENT OF TRANSPORTATION	IL 29 (J. DAVID JONES PKWY.) & IL 4 (VETERANS PKWY.)	*	1-1(RS,TS-1), 27RS-6, 102RS-4	SANGAMON	206	197
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -			*	FAP 666 (BL-55), FAP 662 (IL 4) FAP 658 (IL 29)	CONTRACT NO. 72C35		
	PLOT DATE = Apr-29-2010 03:00:56PM	DATE -	REVISED -		SCALE: SHEET NO. 27 OF 33 SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT		



QUANTITY	UNIT	ITEM
36	SQ FT	RELOCATE EXISTING SIGN PANEL, TYPE 1
86	FOOT	CONDUIT IN TRENCH, 2" DIA. PVC
17	FOOT	CONDUIT IN TRENCH, 2 1/2" DIA. PVC
10	FOOT	CONDUIT IN TRENCH, 3" DIA. PVC
28	FOOT	CONDUIT, AUGERED, 2" DIA. PVC
120	FOOT	CONDUIT, AUGERED, 3" DIA. PVC
291	FOOT	CONDUIT, AUGERED, 4" DIA. PVC
3	EACH	HANDHOLE
113	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	EACH	UNINTERUPTIBLE POWER SUPPLY, STANDARD
3598	FOOT	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125 6F
2039	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 5C
853	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 7C
853	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 9C
2	EACH	TRAFFIC SIGNAL POST, ALUMINUM, 16 FT.
2	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 44 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 55 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 62 FT.

QUANTITY	UNIT	ITEM
6	FOOT	CONCRETE FOUNDATION, TYPE A
41	FOOT	CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER
21	FOOT	CONCRETE FOUNDATION, TYPE E, 42-INCH DIAMETER
3	EACH	DRILL EXISTING HANDHOLE
14	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
4	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-3 SECTION, 2-5 SECTION, BRACKET MOUNTED
19	EACH	TRAFFIC SIGNAL BACKPLATE
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
1	EACH	MODIFY EXISTING CONTROLLER CABINET
6113	FOOT	REMOVE ELECTRIC CABLE FROM CONDUIT
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
8	EACH	REMOVE EXISTING HANDHOLE
8	EACH	REMOVE EXISTING CONCRETE FOUNDATION
1	EACH	VIDEO VEHICLE DETECTION SYSTEM
607	FOOT	ELECTRIC CABLE IN CONDUIT, GROUND, NO. 6 1/C GREEN
915	FOOT	ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 18 3/C
30	SQ FT	SIGN PANEL, TYPE I

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		DRAWN -	REVISED -
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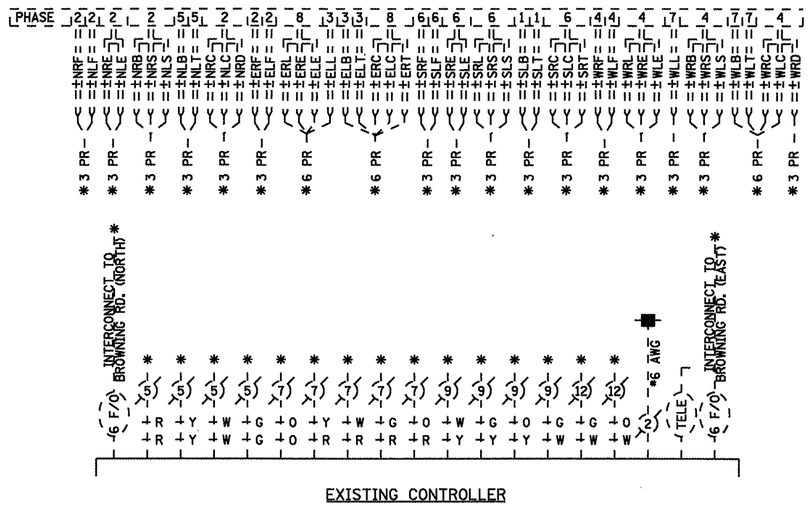
	PLOT DATE = Apr-29-2010 03:01:04PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

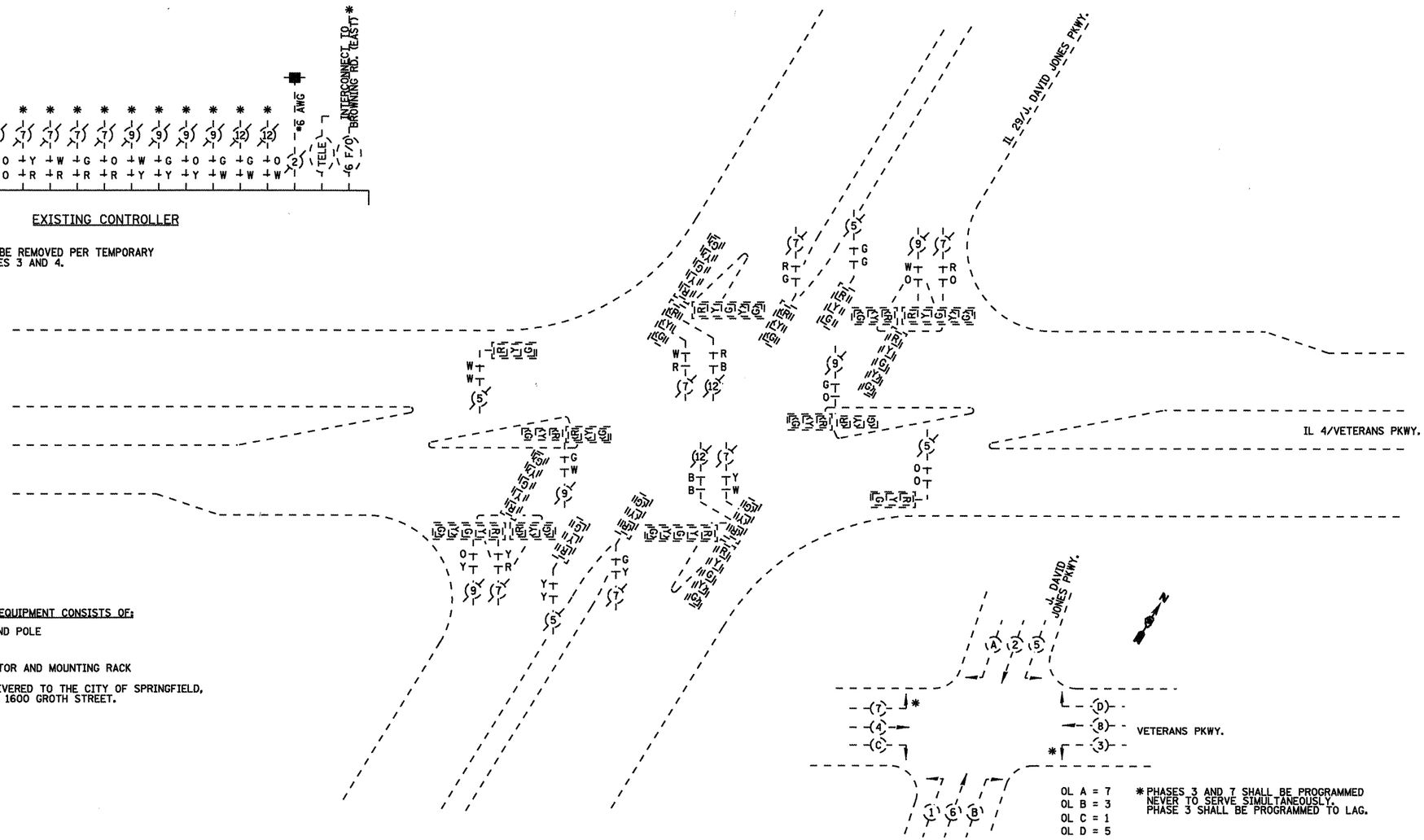
PROPOSED PLAN
IL 29 (J. DAVID JONES PKWY.) & IL 4 (VETERANS PKWY.)

SCALE: | SHEET NO. 28 OF 33 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	1-1(RS,TS-1), 27RS-6, 102RS-4	SANGAMON	206	198
*	FAP 666 (BL-55), FAP 662 (IL 4) FAP 658 (IL 29)	CONTRACT NO. 72C35		
		ILLINOIS FED. AID PROJECT		



* CABLES TO BE REMOVED PER TEMPORARY SIGNAL NOTES 3 AND 4.



PHASE DESIGNATION DIAGRAM

NOT TO SCALE

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT CONSISTS OF:

4 EACH MAST ARM ASSEMBLY AND POLE
4 EACH TRAFFIC SIGNAL POST
12 EACH SIGNAL HEAD ASSEMBLY
31 EACH INDUCTIVE LOOP DETECTOR AND MOUNTING RACK

ALL REMOVAL ITEMS SHALL BE DELIVERED TO THE CITY OF SPRINGFIELD, CWLP TRAFFIC AND METER SHOP AT 1600 GROTH STREET.

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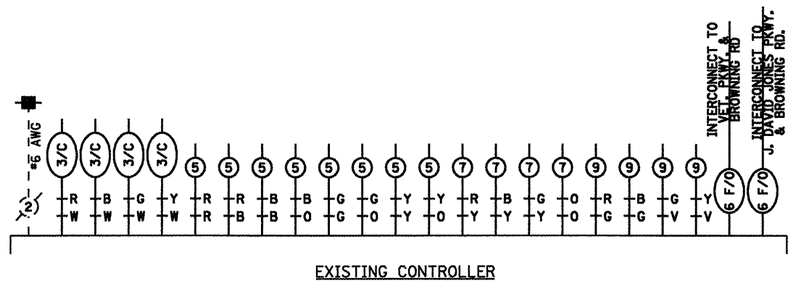
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

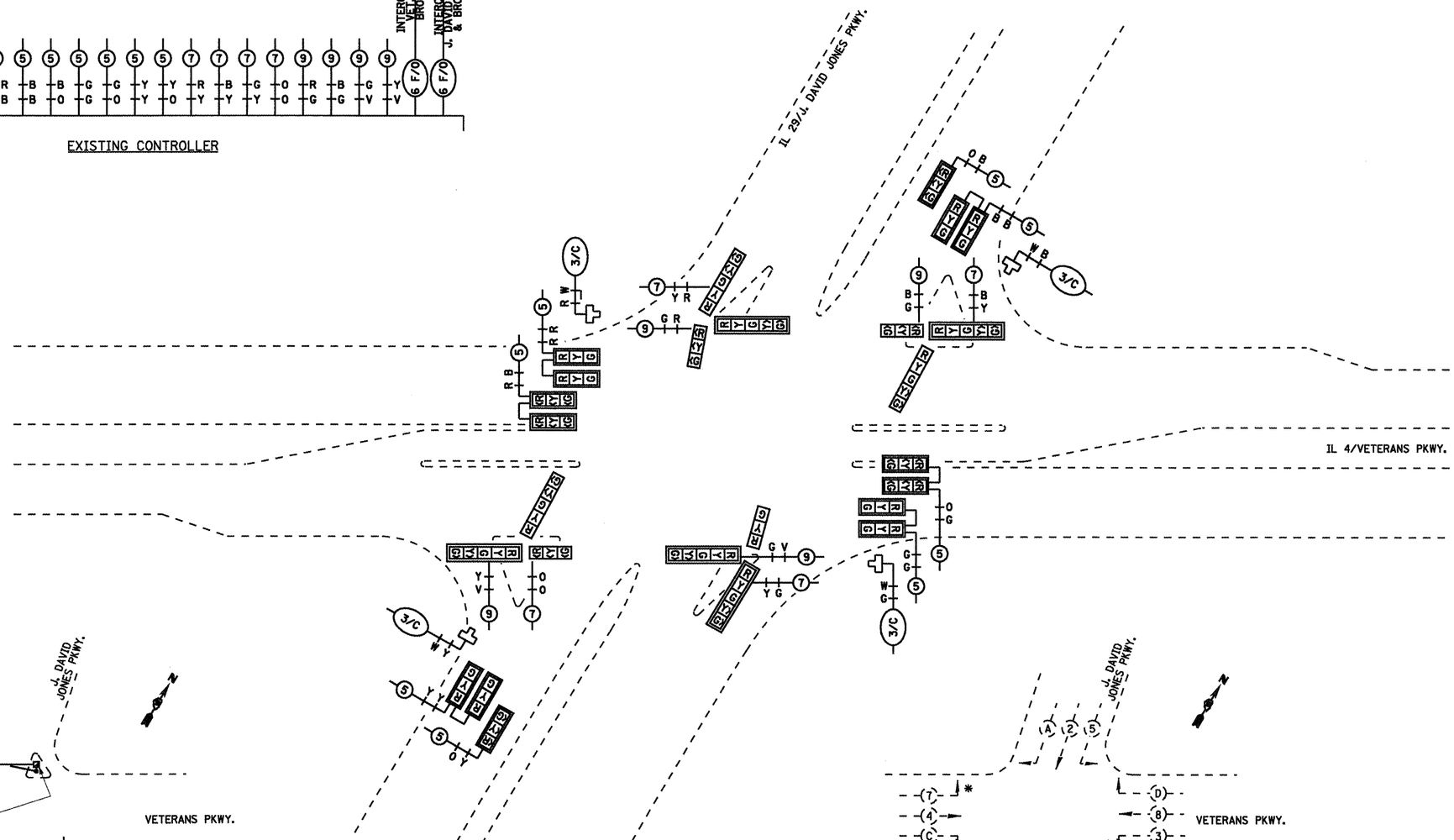
EXISTING CABLE PLAN
IL 4 (VETERANS PKWY.) & J. DAVID JONES PKWY.

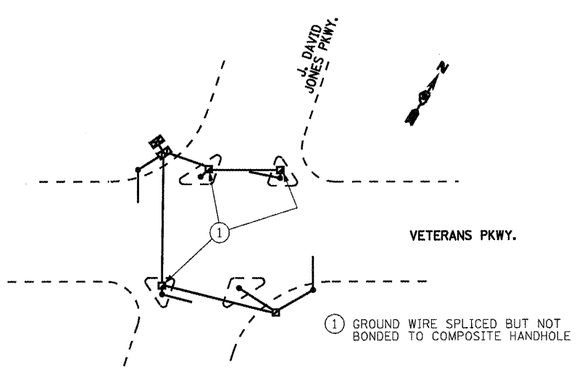
SCALE: | SHEET NO. 29 OF 33 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	1-1(RS,TS-1), 27RS-6, 102RS-4	SANGAMON	206	199
*	FAP 666 (BL-55), FAP 662 (IL 4) FAP 658 (IL 29)	CONTRACT NO. 72C35		
		ILLINOIS FED. AID PROJECT		



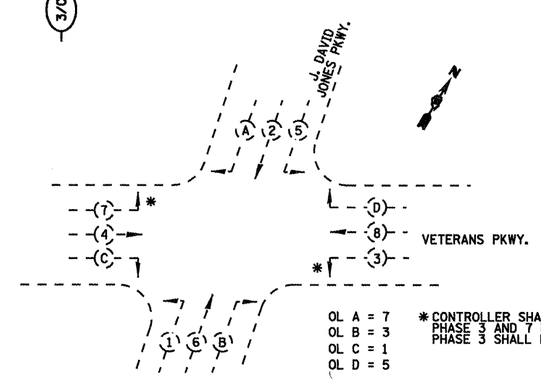
EXISTING CONTROLLER





1 GROUND WIRE SPLICED BUT NOT BONDED TO COMPOSITE HANDHOLE

GROUNDING SCHEMATIC



OL A = 7
OL B = 3
OL C = 1
OL D = 5

* CONTROLLER SHALL BE PROGRAMMED SO THAT PHASE 3 AND 7 NEVER SERVE SIMULTANEOUSLY. PHASE 3 SHALL BE PROGRAMMED TO LAG.

PHASE DESIGNATION DIAGRAM

NOT TO SCALE

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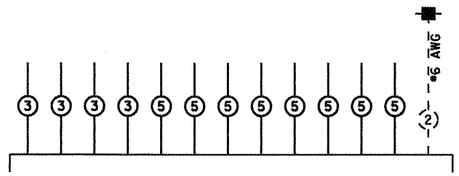
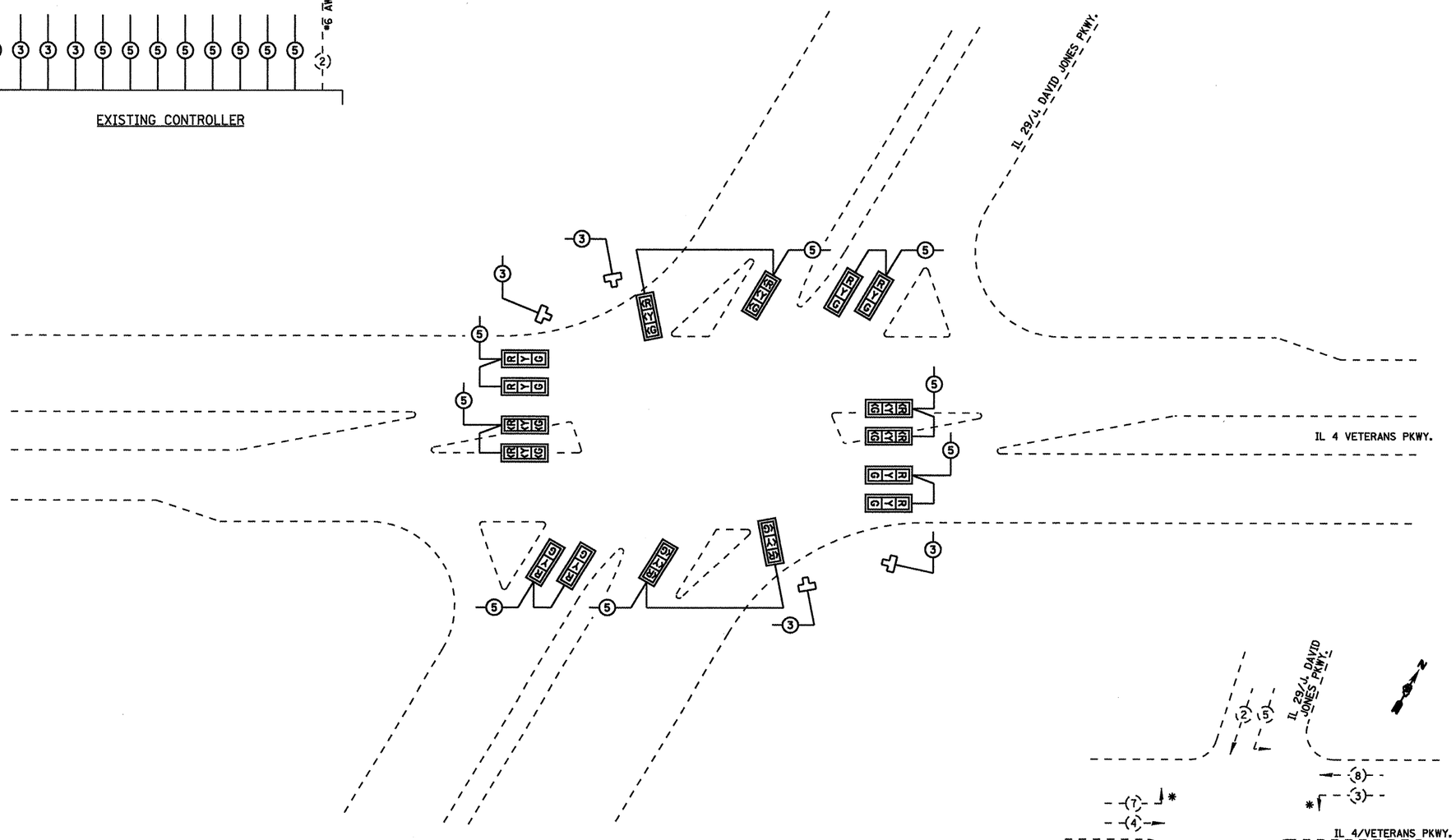
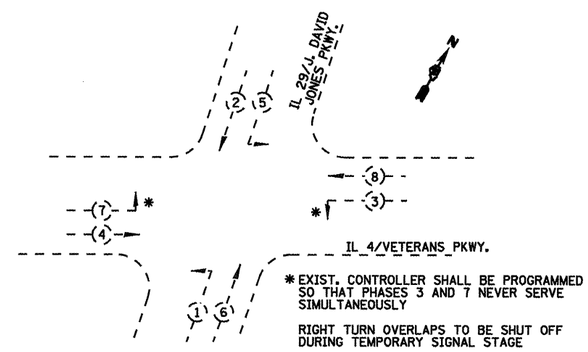
		DRAWN -	REVISED -			*	1-1(RS,TS-1), 27RS-6, 102RS-4	SANGAMON	206	200
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -			*	FAP 666 (BL-55), FAP 662 (IL 4) FAP 658 (IL 29)	CONTRACT NO. 72C35		
	PLOT DATE = Apr-29-2010 03:01:13PM	DATE -	REVISED -		SCALE: SHEET NO. 30 OF 33 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT			



EXISTING CONTROLLER





* EXIST. CONTROLLER SHALL BE PROGRAMMED SO THAT PHASES 3 AND 7 NEVER SERVE SIMULTANEOUSLY

RIGHT TURN OVERLAPS TO BE SHUT OFF DURING TEMPORARY SIGNAL STAGE

TEMPORARY SIGNAL PHASE DESIGNATION DIAGRAM

NOT TO SCALE

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	PLOT SCALE = 40.0000 ' / IN.	DRAWN -	REVISED -
	PLOT DATE = Apr-29-2010 03:01:15PM	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

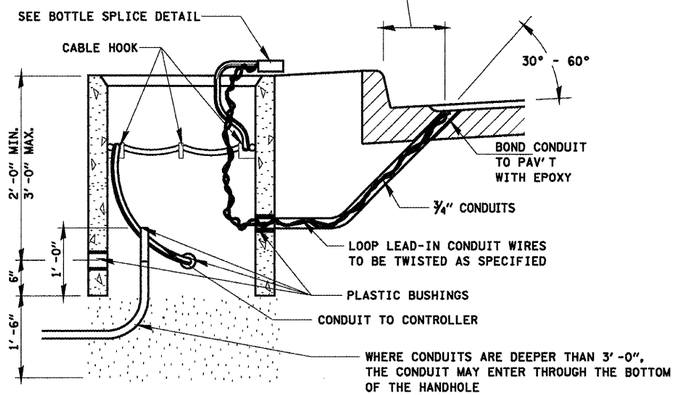
TEMPORARY SIGNAL CABLE PLAN
IL 4 (VETERANS PKWY.) & J. DAVID JONES PKWY.

SCALE: | SHEET NO. 31 OF 33 SHEETS | STA. | TO STA.

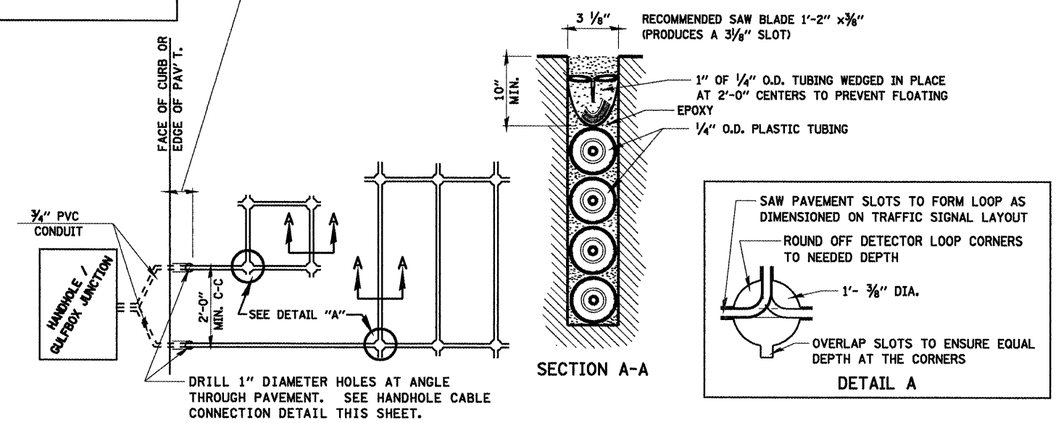
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	1-10RS,TS-1), 27RS-6, 102RS-4	SANGAMON	206	201
*	FAP 666 (BL-35), FAP 662 (IL 4) FAP 658 (IL 29)	CONTRACT NO. 72C35		
		ILLINOIS FED. AID PROJECT		

LENGTH OF SLACK FOR LOOP LEAD-INS SHALL PROVIDE FOR MAKING THE SPLICE ON TOP OF THE HANDHOLE AND ONE COMPLETE LOOP OF THE INTERIOR OF THE HANDHOLE, THE SPLICE SHALL BE SUPPORTED BY A CABLE HOOK.

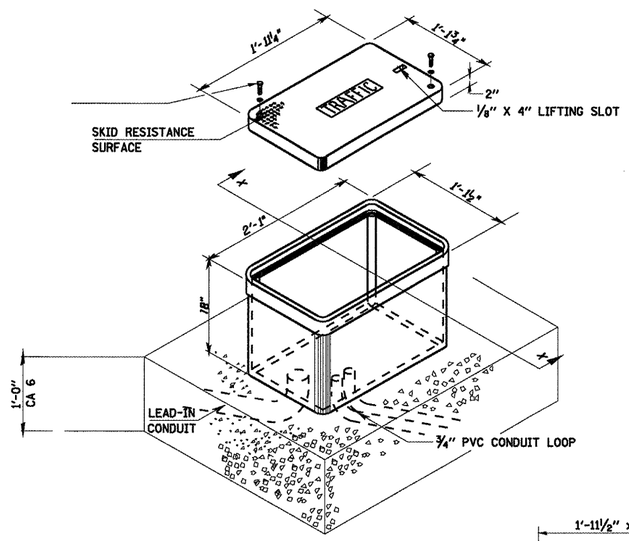
THE LOOP LEAD-IN CONDUIT HOLES SHALL BE PLACED AS CLOSE TO THE CURB AS POSSIBLE TO PERMIT SAW OVERLAP WITHOUT SCARRING FACE OF CURB.
IN NON-CURB LOCATIONS THE DISTANCE SHALL NOT BE LESS THAN 6".



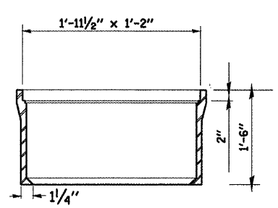
HANDHOLE CABLE CONNECTIONS



PAVEMENT SAWING DETAIL FOR TUBE ENCASED DETECTOR LOOP WIRE

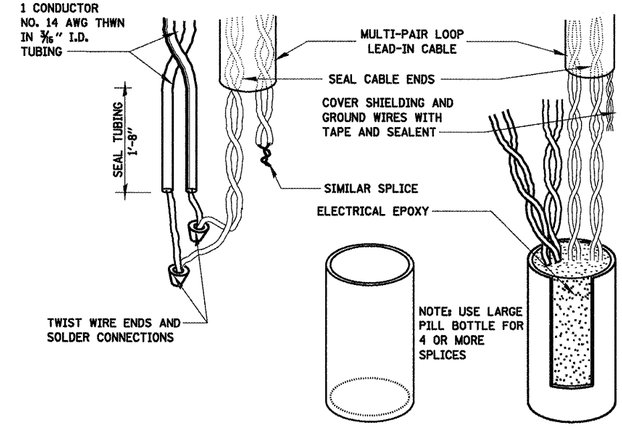


MINIMUM DIMENSIONS



SECTION X-X

GULFBOX JUNCTION



BOTTLE SPLICE DETAIL

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL DETECTOR LOOP DETAILS

SCALE: | SHEET NO. 32 OF 33 SHEETS | STA. | TO STA.

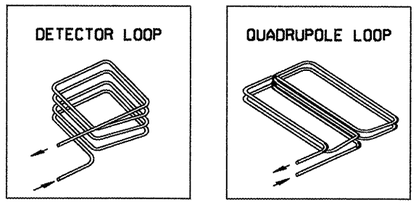
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	1-1(RS,TS-1), 27RS-6, 102RS-4	SANGAMON	206	202
*	FAP 666 (BL-55), FAP 662 (IL 4) FAP 658 (IL 29)	CONTRACT NO. 72C35		

ILLINOIS FED. AID PROJECT

LOOP NAME	# OF TURNS	INDUCT. @ SPLICE	OHMS @ SPLICE	INDUCT. @ CONTR.	OHMS @ CONTR.
Peoria Rd. & Sangamon Avenue					
SLT	2-4-2	346	1.18	365	3.95
SLB	2	188	0.85	207	3.62
SLC	5	175	0.46	193	3.23
SRC	5	172	0.39	190	3.16
SRT	5	170	0.34	188	3.11
ELB	2	184	0.74	198	2.85
ELT	2-4-2	366	1.14	380	3.25
ELC	5	172	0.40	186	2.51
ERC	5	170	0.34	184	2.45
ELH	5	171	0.36	193	3.74
ERH	5	169	0.32	191	3.69
ELE	5	171	0.38	206	5.45
ERE	5	169	0.32	203	5.38
NLT	2-4-2	343	1.11	345	1.38
NLB	2	191	0.93	193	1.19
NLC	5	175	0.47	177	0.73
NRC	5	172	0.40	174	0.66
NLH	5	172	0.39	185	2.39
NRH	5	169	0.32	182	2.32
NLE	4	142	0.38	167	4.08
NRE	4	139	0.31	164	4.00
WLT	2-4-2	397	1.22	408	2.71
WLB	2	184	0.83	194	2.32
WLC	5	173	0.42	183	1.92
WRC	5	172	0.39	182	1.89
J. D. Jones Pkwy & Browning Rd.					
NLT	2-4-2	333	1.16	355	4.36
NLB	2	194	0.93	216	4.13
NLE	4	144	0.41	181	5.89
NRE	4	141	0.35	178	5.83
NLF		145	0.44	196	7.99
NRF	4	142	0.38	193	7.93
SLE	4	143	0.40	157	2.41
SRE	4	141	0.35	154	2.35
SLF	4	143	0.41	171	4.53
SRF	4	141	0.35	169	4.48
EAP	2-4-2	362	1.18	375	3.21
EAS	2	189	0.81	203	2.84
ERT	2	193	0.75	206	2.78
ERB	2	167	0.68	180	2.71
Walnut & North Grand					
NLF	4	143	0.39	189	7.30
NRF	4	140	0.32	187	7.24
NLE	4	142	0.38	178	5.69
NRE	4	139	0.31	175	5.62
NLT		366	1.25	392	5.13
NLB	2	191	0.86	218	4.74
NLC	4	145	0.44	171	4.32
NRC	4	142	0.38	168	4.26
ELT	2-4-2	334	1.16	347	3.19
ELB	2	192	0.87	206	2.90
ELC	4	147	0.50	161	2.53
ERC	4	145	0.44	159	2.48
WLT	2-4-2	348	1.16	362	3.23
WLB	2	190	0.83	204	2.90
WLC	4	144	0.42	158	2.49
WRC	4	141	0.36	155	2.43
SLT	2-4-2	349	1.18	350	1.40
SLB	2	190	0.83	192	1.05
SLC	4	144	0.43	146	0.66
SRC	4	142	0.36	143	0.59
SLE	4	141	0.36	151	1.86
SRE	4	138	0.29	149	1.79
SLF	4	141	0.36	164	3.67
SRF	4	139	0.29	161	3.60

LOOP NAME	# OF TURNS	INDUCT. @ SPLICE	OHMS @ SPLICE	INDUCT. @ CONTR.	OHMS @ CONTR.
Walnut & Carpenter					
NLT	2-4-2	326	1.03	341	3.33
NLB	2	184	0.75	199	3.04
NLE	4	141	0.35	164	3.80
NRE	4	139	0.29	162	3.75
NLF	4	141	0.36	175	5.35
NRF	4	139	0.30	173	5.29
SLE	4	144	0.41	165	3.55
SRE	4	141	0.35	162	3.49
SLF	4	142	0.36	173	5.06
SRF	4	139	0.31	171	5.01
ELT	2-4-2	387	1.14	388	1.28
ELB	2	188	0.69	188	0.83
ERA	2-4-2	369	1.05	370	1.19
ERB	2	179	0.62	180	0.76
Walnut & Mason					
SLF	4	144	0.43	183	6.13
SRF	4	142	0.36	180	6.07
SLE	4	142	0.38	171	4.66
SRE	4	145	0.44	174	4.73
SLT	2-4-2	289	0.94	306	3.47
SLB	2	196	0.83	213	3.36
WLT	2-4-2	326	0.99	340	3.07
WRT	2-4-2	308	0.88	322	2.96
ELT	2-4-2	390	1.15	403	3.12
ERT	2-4-2	420	1.18	433	3.15
NLT	2-4-2	360	1.12	361	1.26
NLB	2	195	0.81	196	0.96
NLE	4	141	0.36	154	2.18
NRE	4	139	0.29	151	2.12
NLF	4	141	0.35	165	3.96
NRF	4	139	0.29	163	3.90
Walnut & Jefferson					
NLC	4	147	0.50	151	1.08
NRC	4	145	0.46	149	1.04
NLE	4	141	0.35	154	2.29
NRE	4	139	0.29	152	2.23
NLF	4	141	0.35	170	4.57
NRF	4	139	0.29	167	4.51
Veterans & Browning					
WLF	4	144	0.43	180	5.79
WRF	4	141	0.36	178	5.72
WLE	4	145	0.44	163	3.13
WRE	4	142	0.38	160	3.06
WLT	2-4-2	380	1.08	396	3.36
WLB	2	182	0.63	198	2.91
ELF	4	144	0.42	212	10.53
ERF	4	141	0.36	210	10.46
ELE	4	145	0.45	195	7.90
ERE	4	142	0.39	193	7.83
ELT	2-4-2	380	1.08	412	5.82
ELB	2	182	0.63	214	5.37
SLT	2-4-2	148	0.73	168	3.67
SAP	2-4-2	139	0.63	158	3.58
SLB	2	191	0.84	206	3.09
SAS	2	188	0.77	203	3.02
SRT	2	182	0.62	197	2.87
NLT	2-4-2	331	1.09	348	3.63
NAP	2-4-2	312	0.98	329	3.51
NLB	2	188	0.78	210	4.06
NAS	2	185	0.70	207	3.98
NRT	2	196	0.68	218	3.96

LOOP NAME	# OF TURNS	INDUCT. @ SPLICE	OHMS @ SPLICE	INDUCT. @ CONTR.	OHMS @ CONTR.
Veterans & 8th Street					
WLF	4	144	0.43	207	9.69
WRF	4	141	0.36	204	9.62
WLE	4	145	0.44	190	7.11
WRE	4	142	0.38	187	7.04
WLT	2-4-2	340	0.97	382	7.17
WLB	2	182	0.63	224	6.82
SAP	2-4-2	313	1.01	338	4.66
SAS	2	187	0.75	212	4.40
SRT	2	162	0.57	187	4.22
SRB	2	169	0.59	194	4.24
SRP	2	116	0.42	135	3.30
SAF	4	143	0.39	179	5.81
SRL	4	140	0.33	177	5.74
ELT	2-4-2	340	0.97	349	2.34
ELB	2	182	0.63	191	1.99
ELF	4	144	0.42	178	5.42
ERF	4	141	0.35	175	5.35
ELE	4	145	0.44	160	2.76
ERE	4	142	0.38	158	2.69
NAP	2-4-2	313	1.02	326	2.82
NAS	2	187	0.76	200	2.36
NRT	2	116	0.43	128	2.23
Veterans & Peoria					
WLF	4	144	0.43	193	7.60
WRF	4	142	0.36	190	7.53
WLE	4	145	0.45	175	4.94
WRE	4	142	0.39	173	4.88
WLT	2-4-2	339	1.09	383	4.60
WLB	2	185	0.71	209	4.21
ELF	4	143	0.40	199	8.64
ERF	4	140	0.34	196	8.58
ELE	4	144	0.42	181	5.99
ERE	4	141	0.35	179	5.93
ERL	4	142	0.36	172	4.86
ELL	4	139	0.30	169	4.79
ELT	2-4-2	407	1.21	423	3.68
ELP	2-4-2	388	1.10	405	3.57
ELB	2	191	0.71	208	3.19
ELS	2	182	0.63	199	3.10
NAP	2-4-2	352	1.09	386	6.14
NAS	2	179	0.70	213	5.75
NRT	2-4-2	266	0.78	300	5.83
SAP	2-4-2	333	1.14	335	1.44
SAS	2	184	0.81	186	1.11
SRP	2-4-2	399	1.20	401	1.49
SRT	2-4-2	348	1.00	350	1.30
SRS	2	162	0.63	164	0.93
SRB	2	139	0.50	141	0.80
SAE	4	145	0.44	155	1.95
SRE	4	142	0.38	152	1.89
SRH	4	139	0.31	150	1.82
SAF	4	145	0.44	166	3.67
SRF	4	142	0.38	164	3.60
SRR	4	139	0.31	161	3.54

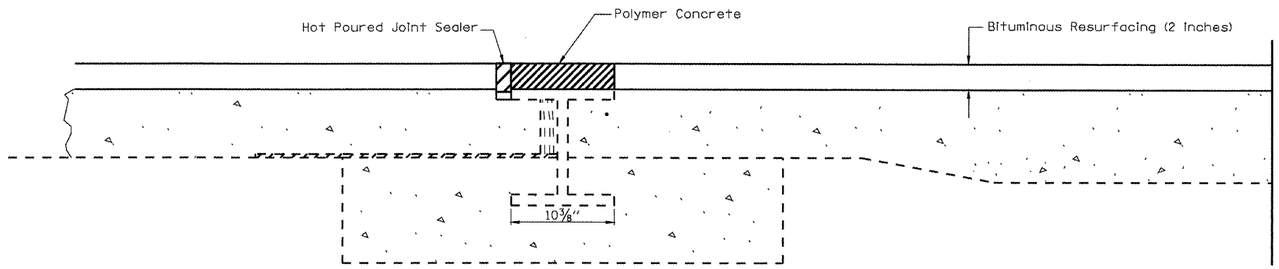


INSTALLING THE LOOP WIRE:
THE NEGATIVE LEAD SHALL BE CONNECTED TO THE BLACK CONDUCTOR OF A PAIR OF CONDUCTORS IN THE LEAD-IN CABLE AND THE POSITIVE LEAD SHALL BE CONNECTED TO THE COLOR-CODED CONDUCTOR OF THE CABLE PAIR.

DETECTOR LOOP WIRE INSTALLATION

DETECTOR NOTES:

1. THE DETECTOR LOOP SHALL BE CENTERED IN THE LANE IN WHICH IT IS SHOWN. ANY ADJUSTMENTS ARE TO BE MADE ONLY AT THE DIRECTION OF THE ENGINEER.
2. THE DETECTOR LOOPS SHALL CONSIST OF THE NUMBER OF TURNS AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
3. ACCEPTANCE OF THE LOOPS AS METERED SHALL BE DETERMINED BY THE ENGINEER.
4. ALL DETECTOR WIRES SHALL BE MARKED WITH WATERPROOF LABELS USING THE WIRING IDENTIFICATION SHOWN ON THE PLANS. THE + AND - OF EACH LOOP MUST BE USED TO IDENTIFY CURRENT FLOW. ALWAYS CONNECT THE BLACK WIRE OF EACH PAIR TO THE NEGATIVE (-) LOOP WIRE.
5. ALL QUADRAPOLE LOOPS SHALL BE 2-4-2 DESIGN.
6. THE CONTRACTOR SHALL CONTACT DISTRICT 6 OPERATIONS FOR ASSISTANCE IN DETECTOR LOOP LAYOUT AT LEAST 48 HOURS BEFORE INSTALLING DETECTOR LOOPS (Ph.# 217-782-7314)

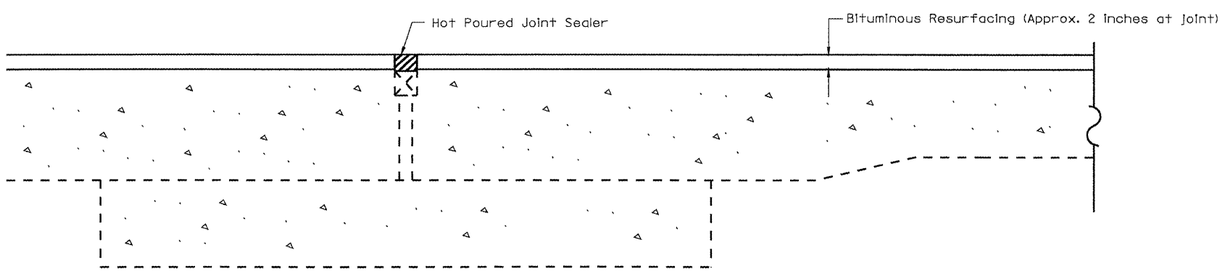


NOTE: CONTRACTOR TO SURFACE OVER EXISTING WIDE FLANGE BEAM TERMINAL JOINT. UPON COMPLETION OF RESURFACING, CONTRACTOR TO SAW CUT BITUMINOUS SURFACE AT THE EDGE OF THE BEAM AND AT THE EDGE OF THE EXPANSION AREA, AND REMOVE THE BITUMINOUS MATERIAL, COST TO BE INCLUDED WITH THE COST FOR PLOYMER CONCRETE.

CONTRACTOR TO BLOCK OUT EXPANSION AREA UP TO THE EDGE OF THE BEAM PRIOR TO PLACING POLYMER CONCRETE. BLOCK OUT TO BE REMOVED ONCE THE POLYMER CONCRETE HAS SUFFICIENTLY CURED.

CONTRACTOR IS TO NOTE LOCATION OF BEAM AND EXPANSION AREA PRIOR TO RESURFACING TO ALLOW EDGES OF THE BEAM TO BE IDENTIFIED FOR SAW CUT LOCATION.

WIDE FLANGE BEAM TERMINAL JOINT
SECTION SB STA. 110+90.00



NOTE: CONTRACTOR TO SURFACE OVER EXISTING PREFORMED JOINT SEALER. UPON COMPLETION OF RESURFACING, CONTRACTOR IS TO SAW CUT AT THE EDGE OF THE PJS AND REMOVE THE BITUMINOUS MATERIAL, COST TO BE INCLUDED WITH BITUMINOUS RESURFACING ITEMS.

CONTRACTOR TO PLACE HOT POURED JOINT SEALER PER STANDARD SPECIFICATION 1050.02 OVER PJS, COST TO BE INCLUDED WITH OTHER BITUMINOUS RESURFACING ITEMS.

CONTRACTOR IS TO NOTE LOCATION OF PREFORMED JOINT SEAL PRIOR TO RESURFACING TO ALLOW EDGES TO BE IDENTIFIED FOR SAW CUT LOCATION.

PREFORMED JOINT SEAL TREATMENT
SECTION SB STA. 109+90.00 (AT PREFORMED JOINT)

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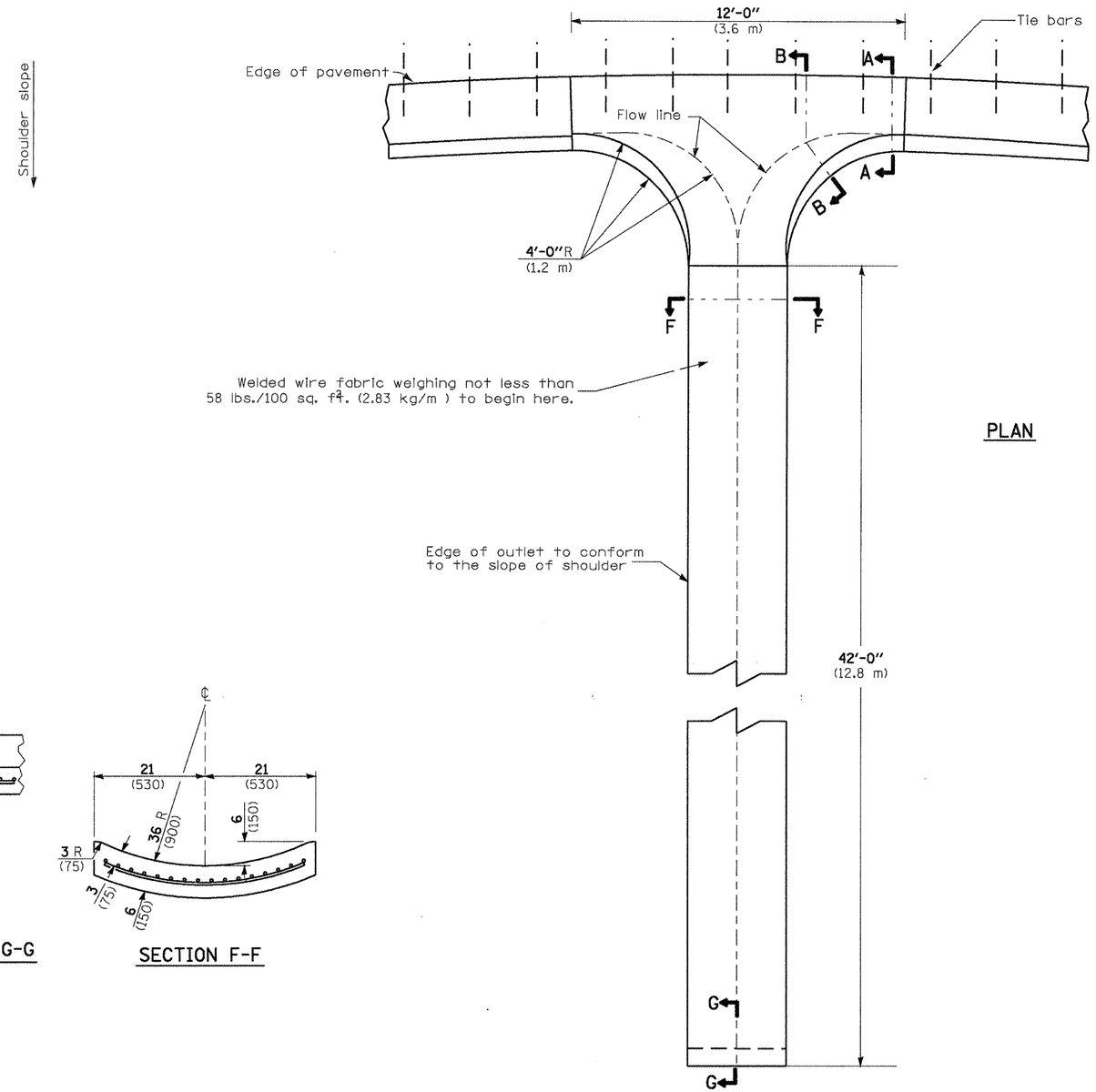
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SECTION "B" JOINT DETAIL

SCALE: | SHEET NO. 1 OF 1 SHEETS | STA. TO STA.

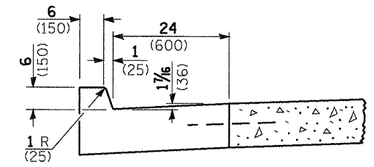
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	204
		CONTRACT NO. 72C35		
		ILLINOIS FED. AID PROJECT		

* 1-I(RS,TS-1)27RS-6,79Z&102RS-4

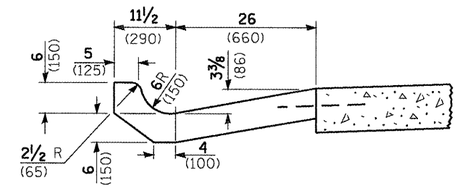


PLAN

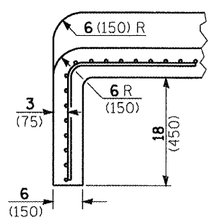
STANDARD OUTLET



SECTION A-A



SECTION B-B



SECTION G-G

SECTION F-F

GENERAL NOTES

Tie bars shall be No. 6 (No. 19) at 24 (600) centers unless otherwise shown.

Gutter outlet shall be tied to the pavement in accordance with details for longitudinal construction joint shown on Standard 420001.

The Gutter outlet shall follow the existing roadway foreslope. The Earth Excavation shall be included in the cost of the CLASS I CONCRETE (OUTLET).

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

OUTLETS FOR CONC. CURB AND GUTTER TYPE B-6.24 (B-15.60)

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		DATE -	REVISED -

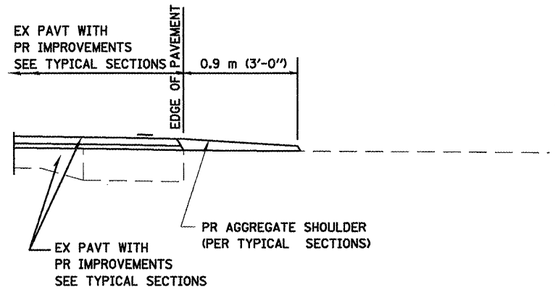
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CLASS SI CONCRETE
OUTLET DETAIL

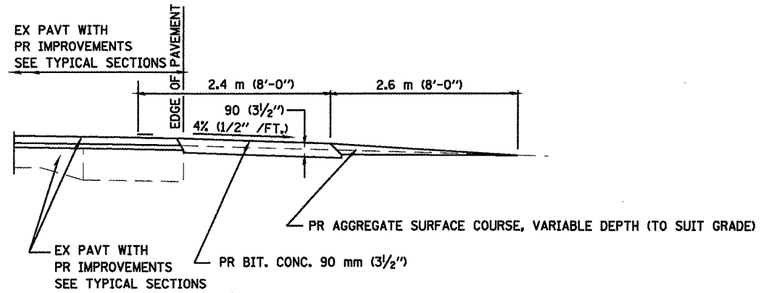
SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	*	SANGAMON	206	205
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

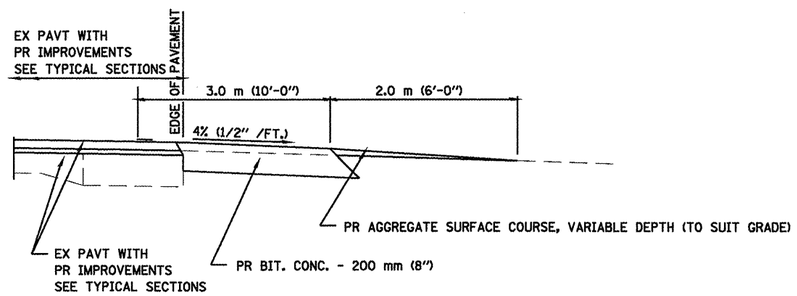
* 1-1(RS,TS-1)27RS-6;79Z&102RS-4



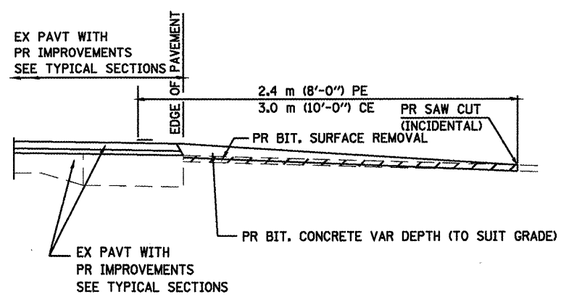
SECTION A-A FOR EX EARTH/ AGGREGATE FE



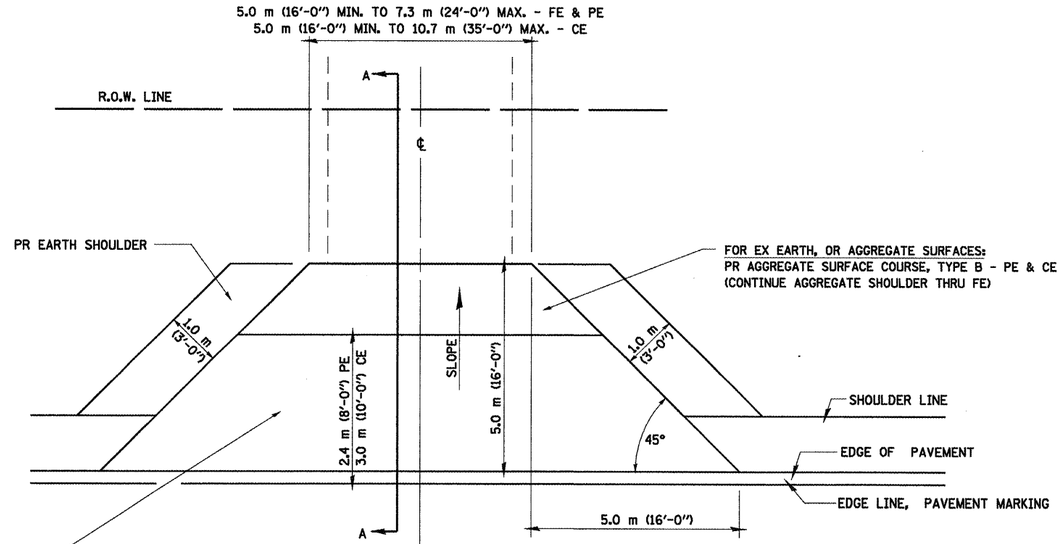
SECTION A-A FOR EX EARTH/AGGREGATE PE



SECTION A-A FOR EX EARTH/AGGREGATE CE & SIDE ROAD

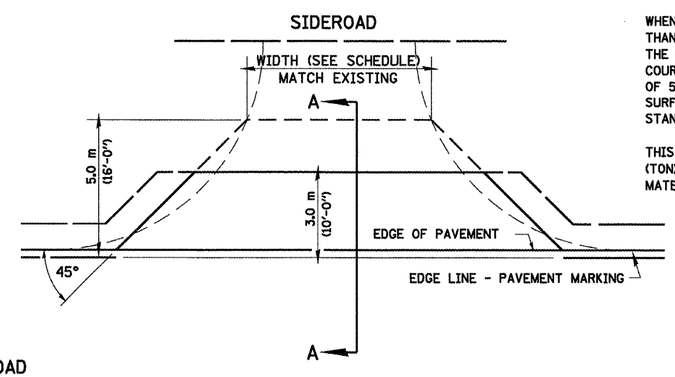


SECTION A-A FOR EX BITUMINOUS/ PC CONCRETE PE, CE & SIDE ROAD



FOR EX EARTH OR AGGREGATE SURFACES:
PR BIT SURFACE REMOVAL (IF APPLICABLE)
PR AGGREGATE SHOULDER THRU - FE
PR BITUMINOUS CONCRETE 90 mm (3½") - PE
PR BITUMINOUS CONCRETE 200mm (8") - CE

FOR BITUMINOUS OR P.C. CONCRETE SURFACES:
PR BITUMINOUS SURFACE REMOVAL, VARIABLE DEPTH



GENERAL NOTES:

THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES, SIDEROADS AND MAILBOX TURNOUTS ON THIS PROJECT.

THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

BITUMINOUS CONCRETE REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

WHEN THE BITUMINOUS CONCRETE PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 75 mm (3 INCHES) AND REQUIRE PLACEMENT IN MORE THAN ONE LIFT. THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF BITUMINOUS BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 50 mm (2 INCHES) SHALL MEET THE REQUIREMENTS OF BITUMINOUS CONCRETE SURFACE COURSE, MIXTURE C, CLASS I, TYPE 2 OF SECTION 406 OF THE STANDARD SPECIFICATIONS.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER METRIC TON (TON) FOR "INCIDENTAL BITUMINOUS SURFACING" WHICH SHALL INCLUDE ALL MATERIALS, EQUIPMENT, AND LABOR INVOLVED.

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

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		DRAWN - CAD	REVISED -			658	•	SANGAMON	206	206
SMARTPPP.DGN	PLOT SCALE = 40.000 ' / IN.	CHECKED - JCN	REVISED -					CONTRACT NO. 72C35		
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• 1-IRS,TS-1127RS-6,79Z&102RS-4