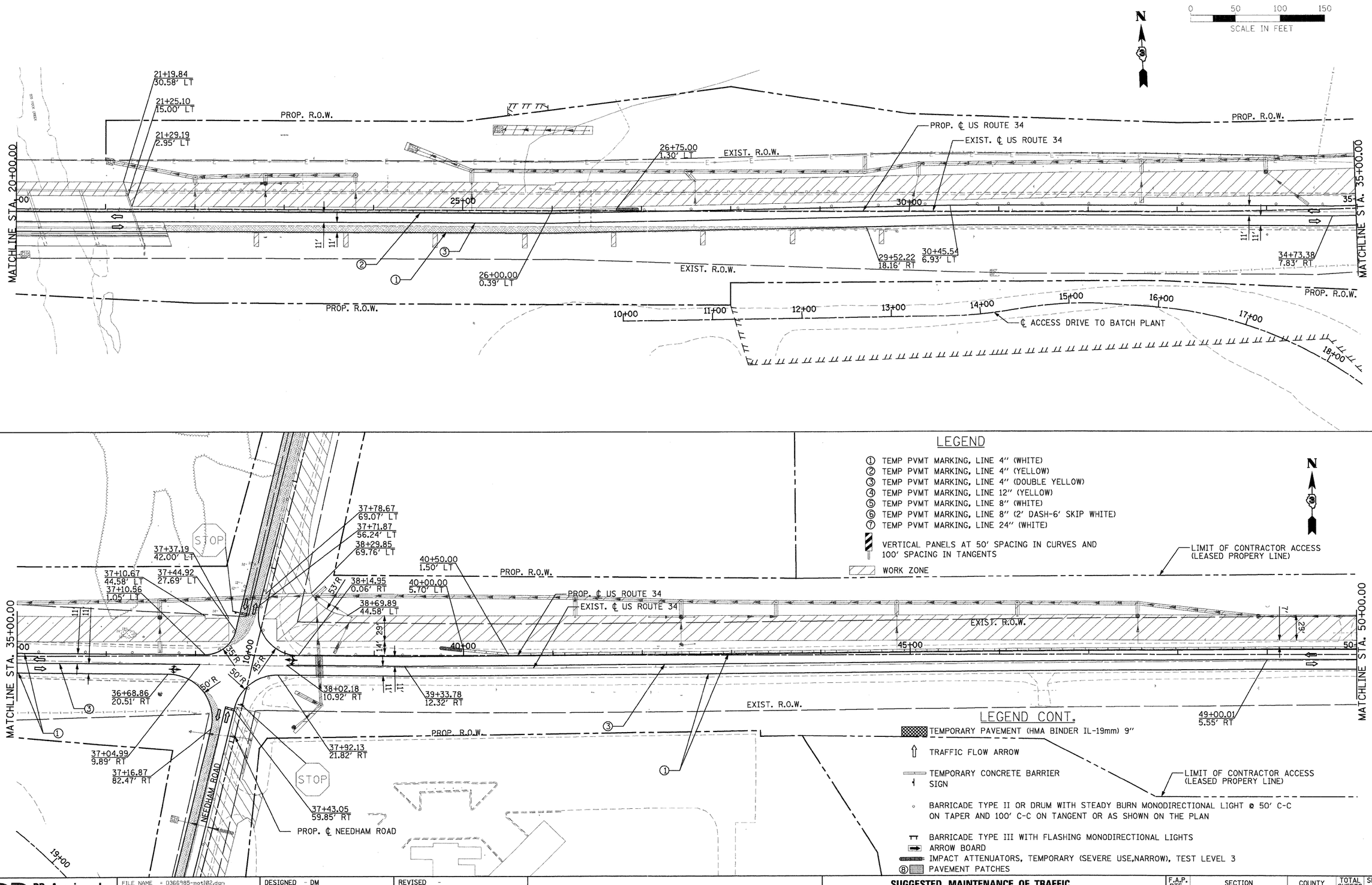


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230 WEST MONROE STREET,
SUITE 900
CHICAGO, IL. 60606
(312)782-8150

FILE NAME = 0366985-mot02.dgn	DESIGNED - DM	REVISED -
	DRAWN - MMS	REVISED -
PLOT SCALE = 50	CHECKED - KJB	REVISED -
PLOT DATE = 19-AUG-2011 08:16	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC
US ROUTE 34 – STAGE I

SCALE: 1" = 50' | MOT - 13 OF 66 | STA. 20+00 TO STA. 50+00

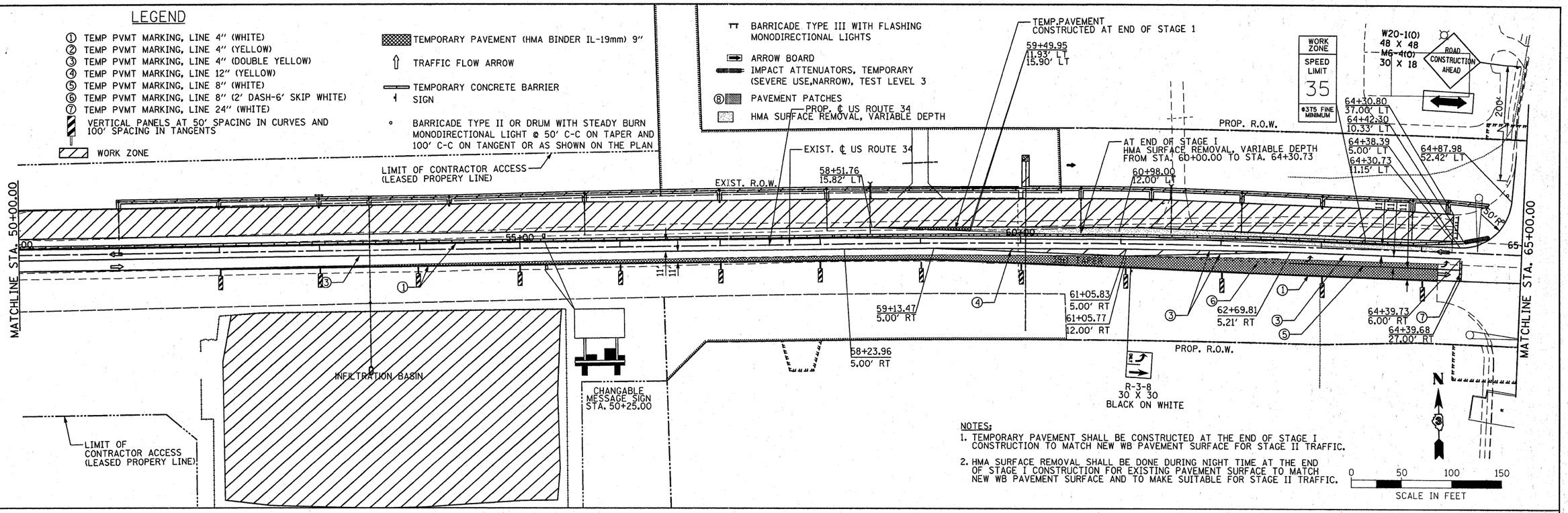
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	101
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

LEGEND

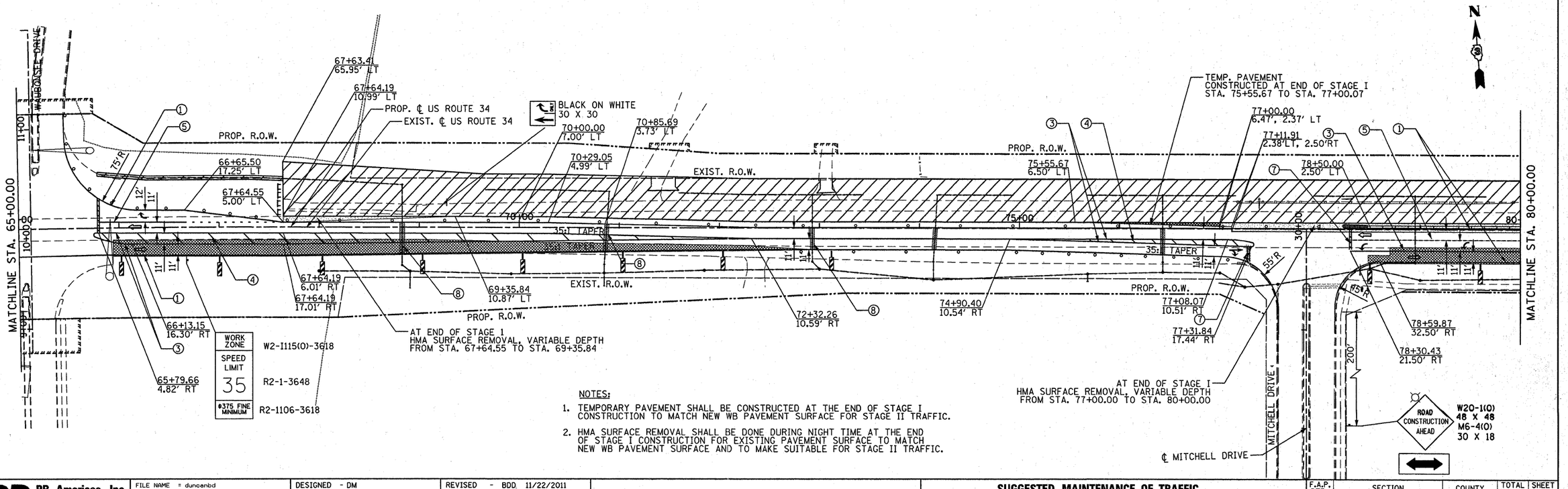
① TEMP PVMT MARKING, LINE 4" (WHITE)
② TEMP PVMT MARKING, LINE 4" (YELLOW)
③ TEMP PVMT MARKING, LINE 4" (DOUBLE YELLOW)
④ TEMP PVMT MARKING, LINE 12" (YELLOW)
⑤ TEMP PVMT MARKING, LINE 8" (WHITE)
⑥ TEMP PVMT MARKING, LINE 8" (2' DASH-6' SKIP WHITE)
⑦ TEMP PVMT MARKING, LINE 24" (WHITE)
VERTICAL PANELS AT 50' SPACING IN CURVES AND 100' SPACING IN TANGENTS
WORK ZONE

TEMPORARY PAVEMENT (HMA BINDER IL-19mm) 9"
TRAFFIC FLOW ARROW
TEMPORARY CONCRETE BARRIER
SIGN
BARRICADE TYPE II OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C ON TAPER AND 100' C-C ON TANGENT OR AS SHOWN ON THE PLAN

BARRICADE TYPE III WITH FLASHING MONODIRECTIONAL LIGHTS
ARROW BOARD
IMPACT ATTENUATORS, TEMPORARY (SEVERE USE,NARROW), TEST LEVEL 3
⑧ PAVEMENT PATCHES
PROP. ℄ US ROUTE 34
HMA SURFACE REMOVAL, VARIABLE DEPTH



NOTES:
1. TEMPORARY PAVEMENT SHALL BE CONSTRUCTED AT THE END OF STAGE I CONSTRUCTION TO MATCH NEW WB PAVEMENT SURFACE FOR STAGE II TRAFFIC.
2. HMA SURFACE REMOVAL SHALL BE DONE DURING NIGHT TIME AT THE END OF STAGE I CONSTRUCTION FOR EXISTING PAVEMENT SURFACE TO MATCH NEW WB PAVEMENT SURFACE AND TO MAKE SUITABLE FOR STAGE II TRAFFIC.



NOTES:
1. TEMPORARY PAVEMENT SHALL BE CONSTRUCTED AT THE END OF STAGE I CONSTRUCTION TO MATCH NEW WB PAVEMENT SURFACE FOR STAGE II TRAFFIC.
2. HMA SURFACE REMOVAL SHALL BE DONE DURING NIGHT TIME AT THE END OF STAGE I CONSTRUCTION FOR EXISTING PAVEMENT SURFACE TO MATCH NEW WB PAVEMENT SURFACE AND TO MAKE SUITABLE FOR STAGE II TRAFFIC.

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FILE NAME = duncanbd	DESIGNED - DM	REVISED - BDD 11/22/2011
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PLOT DATE = 11/22/2011	DATE - 08-18-2011	REVISED -

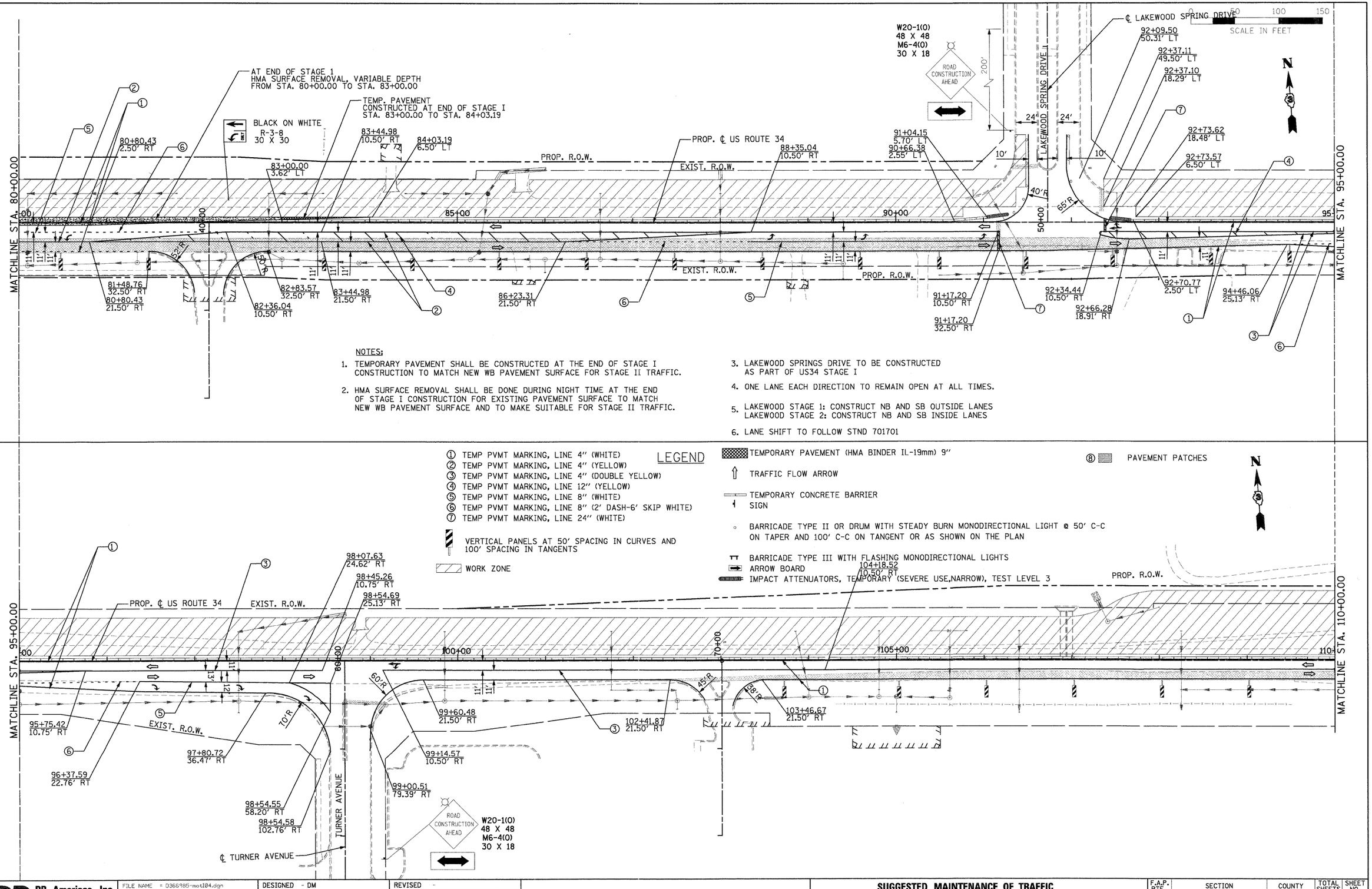
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC
US ROUTE 34 – STAGE I

SCALE: 1" = 50' | MOT - 14 OF 66 | STA. 50+00 TO STA. 80+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	102
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

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NOTES:

1. TEMPORARY PAVEMENT SHALL BE CONSTRUCTED AT THE END OF STAGE I CONSTRUCTION TO MATCH NEW WB PAVEMENT SURFACE FOR STAGE II TRAFFIC.
2. HMA SURFACE REMOVAL SHALL BE DONE DURING NIGHT TIME AT THE END OF STAGE I CONSTRUCTION FOR EXISTING PAVEMENT SURFACE TO MATCH NEW WB PAVEMENT SURFACE AND TO MAKE SUITABLE FOR STAGE II TRAFFIC.
3. LAKEWOOD SPRINGS DRIVE TO BE CONSTRUCTED AS PART OF US34 STAGE I
4. ONE LANE EACH DIRECTION TO REMAIN OPEN AT ALL TIMES.
5. LAKEWOOD STAGE 1: CONSTRUCT NB AND SB OUTSIDE LANES
   LAKEWOOD STAGE 2: CONSTRUCT NB AND SB INSIDE LANES
6. LANE SHIFT TO FOLLOW STND 701701

LEGEND

① TEMP PVMT MARKING, LINE 4" (WHITE)
② TEMP PVMT MARKING, LINE 4" (YELLOW)
③ TEMP PVMT MARKING, LINE 4" (DOUBLE YELLOW)
④ TEMP PVMT MARKING, LINE 12" (YELLOW)
⑤ TEMP PVMT MARKING, LINE 8" (WHITE)
⑥ TEMP PVMT MARKING, LINE 8" (2' DASH-6' SKIP WHITE)
⑦ TEMP PVMT MARKING, LINE 24" (WHITE)

VERTICAL PANELS AT 50' SPACING IN CURVES AND 100' SPACING IN TANGENTS

WORK ZONE

TEMPORARY PAVEMENT (HMA BINDER IL-19mm) 9"

TRAFFIC FLOW ARROW

TEMPORARY CONCRETE BARRIER

SIGN

BARRICADE TYPE II OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C ON TAPER AND 100' C-C ON TANGENT OR AS SHOWN ON THE PLAN

BARRICADE TYPE III WITH FLASHING MONODIRECTIONAL LIGHTS

ARROW BOARD

IMPACT ATTENUATORS, TEMPORARY (SEVERE USE,NARROW), TEST LEVEL 3

⑧ PAVEMENT PATCHES

PB Americas, Inc. 230 WEST MONROE STREET, SUITE 900 CHICAGO, IL. 60606 (312)782-8150	FILE NAME = 0366985-mot104.dgn	DESIGNED - DM	REVISED -
		DRAWN - MMS	REVISED -
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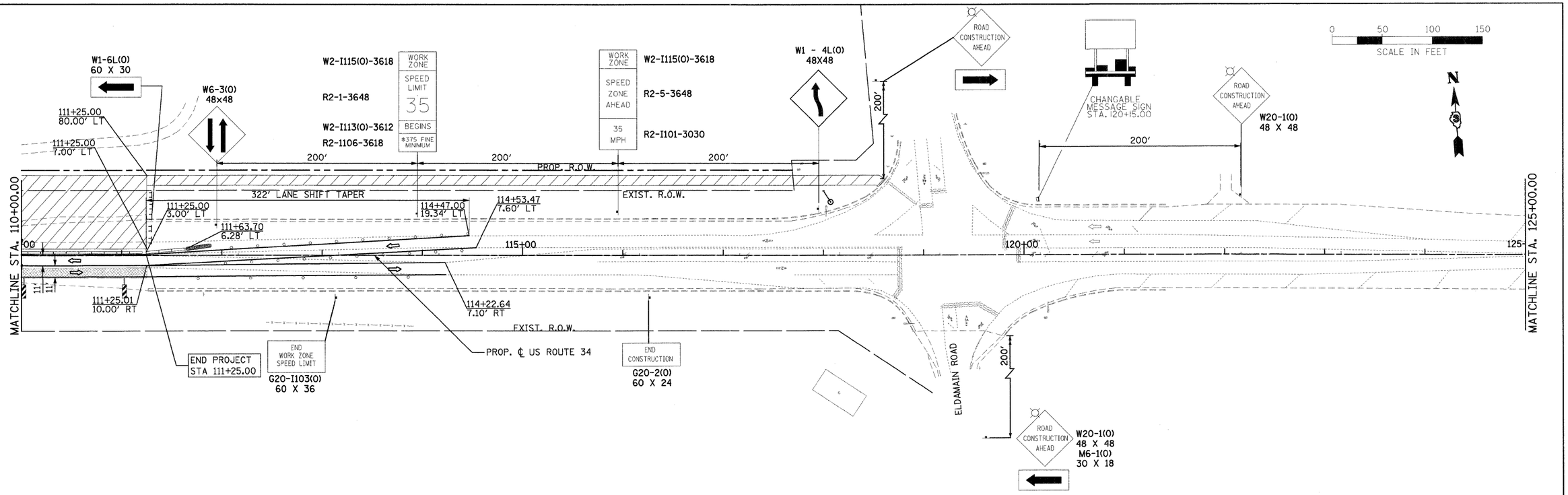
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC
US ROUTE 34 – STAGE I

SCALE: 1" = 50' | MOT - 15 OF 66 | STA. 80+00 TO STA. 110+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	103
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

$FILE$



LEGEND

① TEMP PVMT MARKING, LINE 4" (WHITE)
② TEMP PVMT MARKING, LINE 4" (YELLOW)
③ TEMP PVMT MARKING, LINE 4" (DOUBLE YELLOW)
④ TEMP PVMT MARKING, LINE 12" (YELLOW)
⑤ TEMP PVMT MARKING, LINE 8" (WHITE)
⑥ TEMP PVMT MARKING, LINE 8" (2' DASH-6' SKIP WHITE)
⑦ TEMP PVMT MARKING, LINE 24" (WHITE)

VERTICAL PANELS AT 50' SPACING IN CURVES AND 100' SPACING IN TANGENTS

WORK ZONE

TEMPORARY PAVEMENT (HMA BINDER IL-19mm) 9"

TRAFFIC FLOW ARROW

TEMPORARY CONCRETE BARRIER

SIGN

BARRICADE TYPE II OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C ON TAPER AND 100' C-C ON TANGENT OR AS SHOWN ON THE PLAN

BARRICADE TYPE III WITH FLASHING MONODIRECTIONAL LIGHTS

ARROW BOARD

IMPACT ATTENUATORS, TEMPORARY (SEVERE USE,NARROW), TEST LEVEL 3

⑧ PAVEMENT PATCHES

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CHICAGO, IL. 60606
(312)782-8150

FILE NAME = D366985-mot105.dgn	DESIGNED - DM	REVISED -	
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PLOT DATE = 19-AUG-2011 08:17	DATE - 08-18-2011	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC
US ROUTE 34 - STAGE I

SCALE: 1" = 50' | MOT - 16 OF 66 | STA. 110+00 TO STA. 125+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	104
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

@FILE%

LEGEND

① TEMP PVMT MARKING, LINE 4" (WHITE)
② TEMP PVMT MARKING, LINE 4" (YELLOW)
③ TEMP PVMT MARKING, LINE 4" (DOUBLE YELLOW)
④ TEMP PVMT MARKING, LINE 12" (YELLOW)
⑤ TEMP PVMT MARKING, LINE 8" (WHITE)
⑥ TEMP PVMT MARKING, LINE 8" (2' DASH-6' SKIP WHITE)
⑦ TEMP PVMT MARKING, LINE 24" (WHITE)

VERTICAL PANELS AT 50' SPACING IN CURVES AND 100' SPACING IN TANGENTS

WORK ZONE

⑧ PAVEMENT PATCHES

TEMPORARY PAVEMENT (HMA BINDER IL-19mm) 9"

TRAFFIC FLOW ARROW

TEMPORARY CONCRETE BARRIER

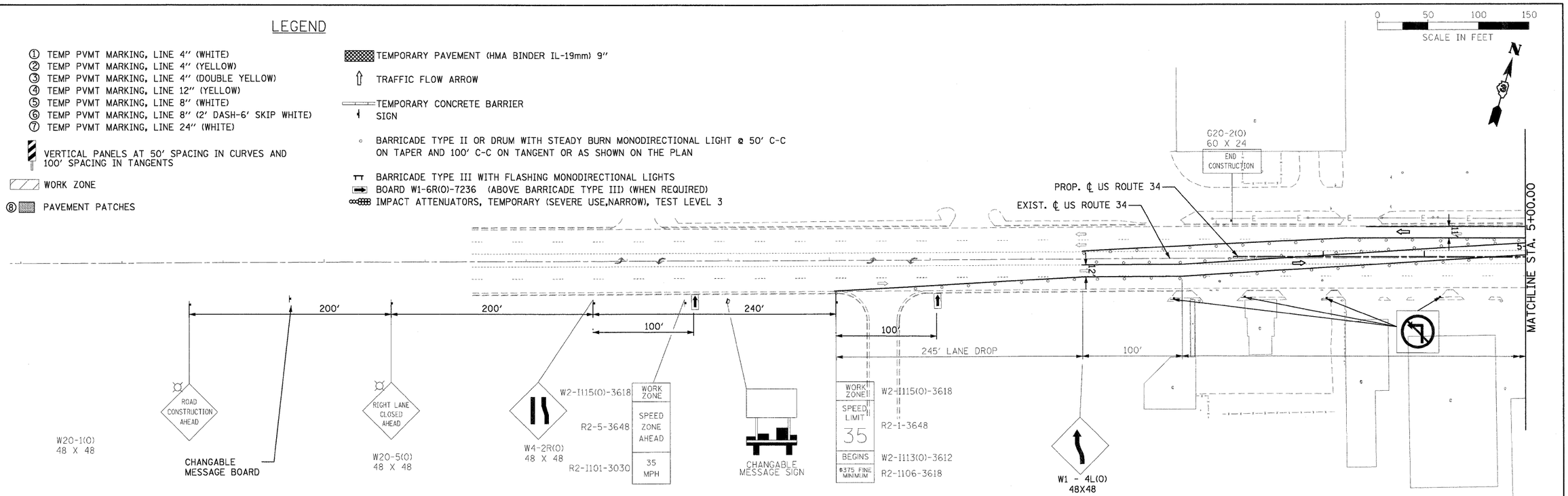
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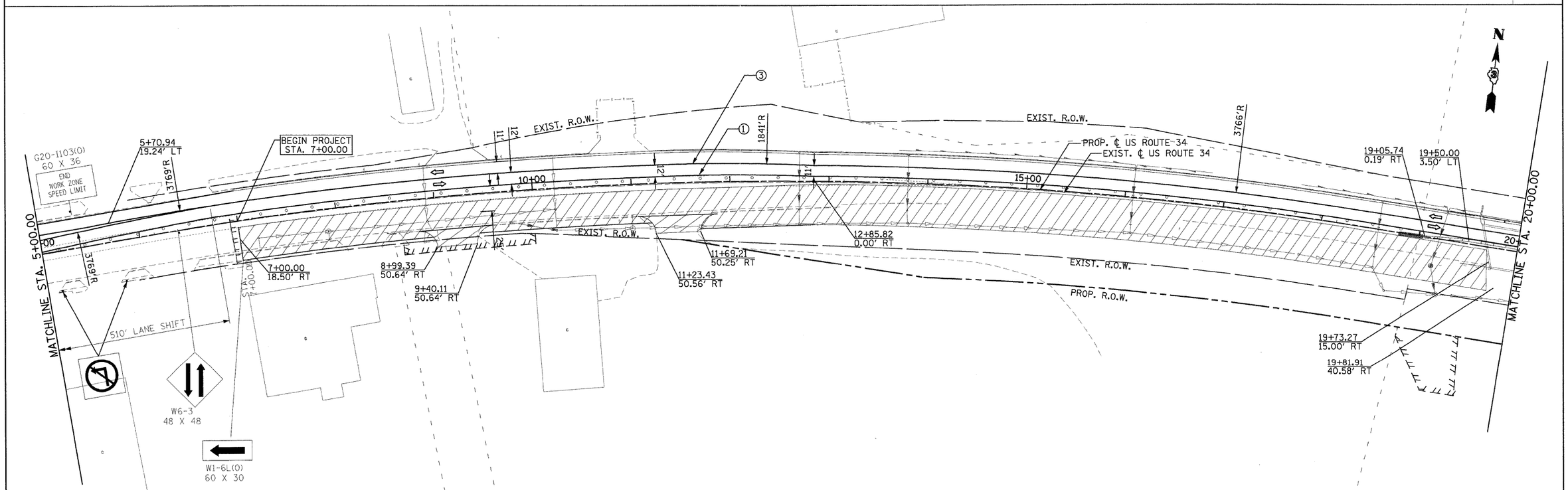
BARRICADE TYPE II OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C ON TAPER AND 100' C-C ON TANGENT OR AS SHOWN ON THE PLAN

BARRICADE TYPE III WITH FLASHING MONODIRECTIONAL LIGHTS

BOARD W1-6R(O)-7236 (ABOVE BARRICADE TYPE III) (WHEN REQUIRED)

IMPACT ATTENUATORS, TEMPORARY (SEVERE USE,NARROW), TEST LEVEL 3



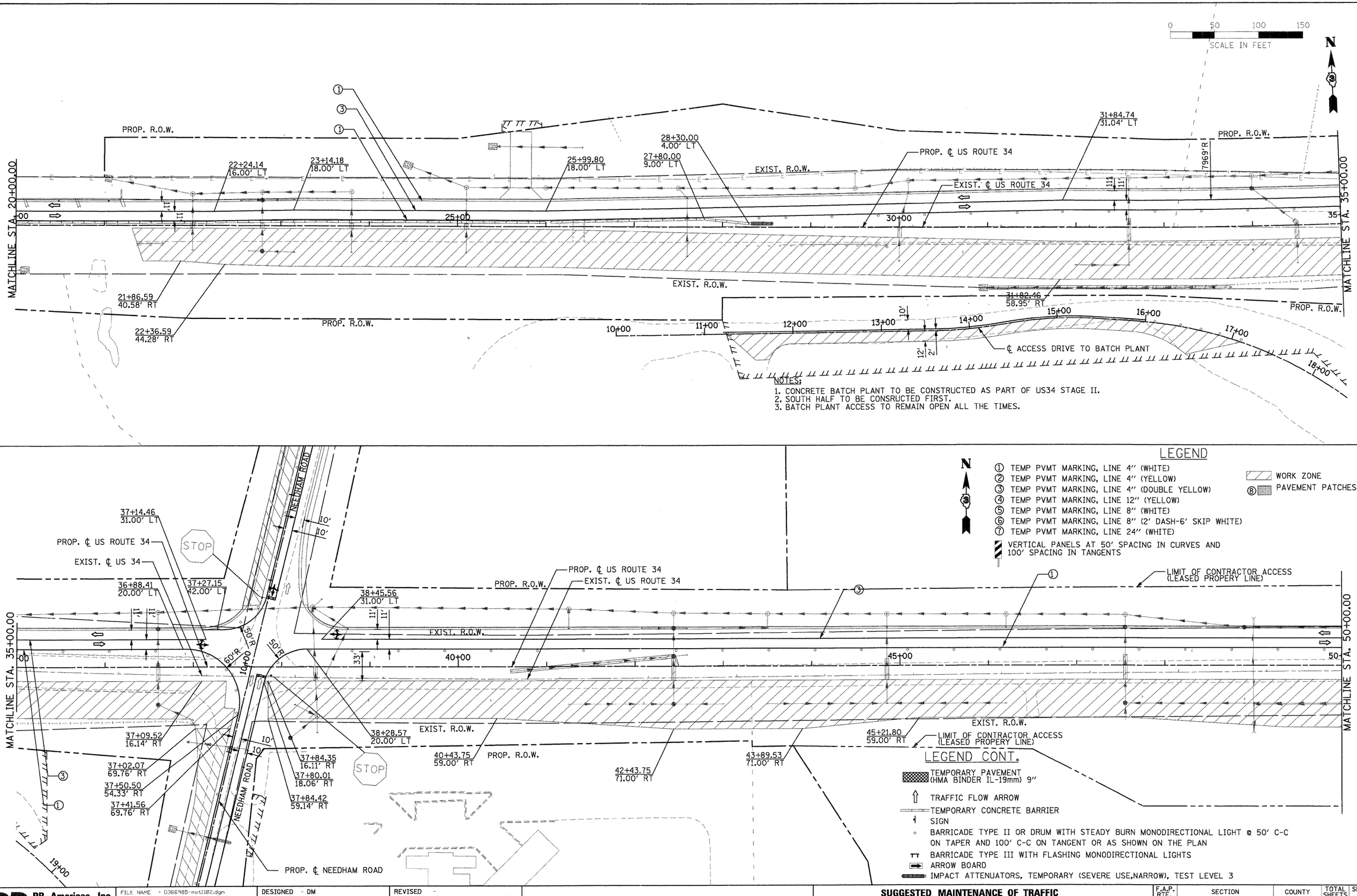


PB Americas, Inc. 230 WEST MONROE STREET, SUITE 900 CHICAGO, IL. 60606 (312)782-8150	FILE NAME = D366985-metII01.dgn	DESIGNED - DM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		DRAWN - MMS	REVISED -	
	PLOT SCALE = 50	CHECKED - KJB	REVISED -	
	PLOT DATE = 19-AUG-2011 08:17	DATE - 08-18-2011	REVISED -	

SUGGESTED MAINTENANCE OF TRAFFIC
US ROUTE 34 – STAGE II

SCALE: 1" = 50' | MOT - 17 OF 66 | STA. BEGIN TO STA. 20+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	105
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			



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FILE NAME = D366985-mot102.dgn	DESIGNED - DM	REVISED -
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PLOT SCALE = 50	CHECKED - KJB	REVISED -
PLOT DATE = 19-AUG-2011 08:17	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC
US ROUTE 34 – STAGE II

SCALE: 1" = 50' | MOT - 18 OF 66 | STA. 20+00 TO STA. 50+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	106
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

$FILE$

LEGEND

① TEMP PVMT MARKING, LINE 4" (WHITE)
② TEMP PVMT MARKING, LINE 4" (YELLOW)
③ TEMP PVMT MARKING, LINE 4" (DOUBLE YELLOW)
④ TEMP PVMT MARKING, LINE 12" (YELLOW)
⑤ TEMP PVMT MARKING, LINE 8" (WHITE)
⑥ TEMP PVMT MARKING, LINE 8" (2' DASH-6' SKIP WHITE)
⑦ TEMP PVMT MARKING, LINE 24" (WHITE)

VERTICAL PANELS AT 50' SPACING IN CURVES AND 100' SPACING IN TANGENTS

WORK ZONE

TEMPORARY PAVEMENT (HMA BINDER IL-19mm) 9"

TRAFFIC FLOW ARROW

TEMPORARY CONCRETE BARRIER

SIGN

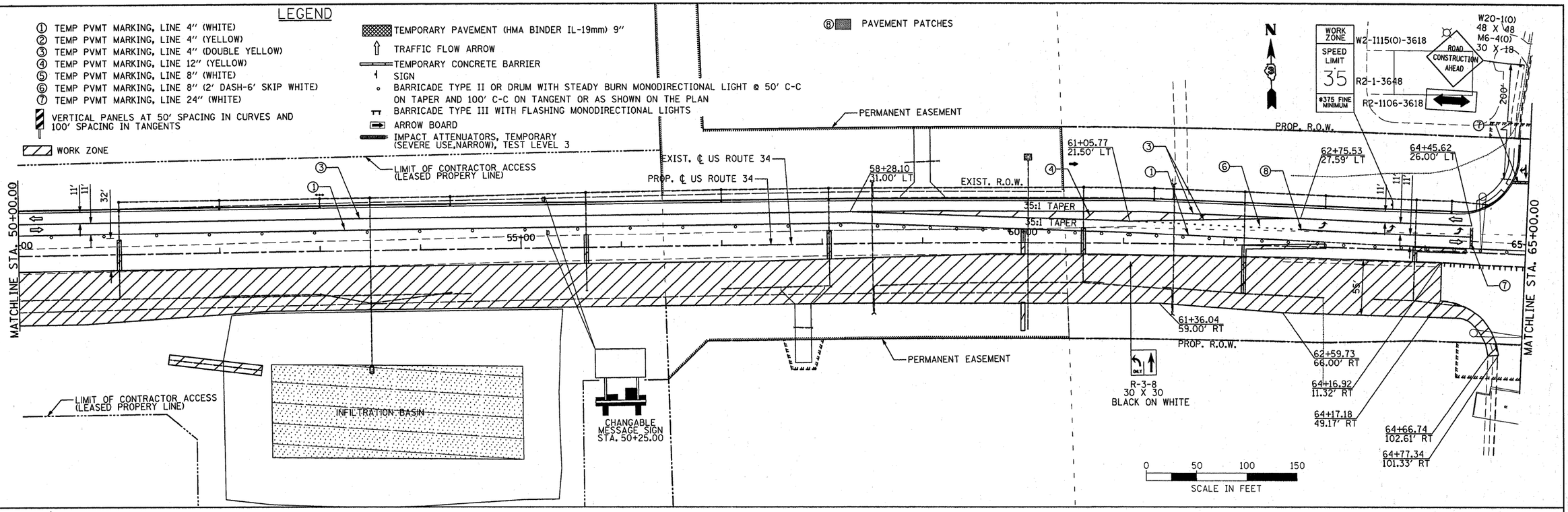
BARRICADE TYPE II OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C ON TAPER AND 100' C-C ON TANGENT OR AS SHOWN ON THE PLAN

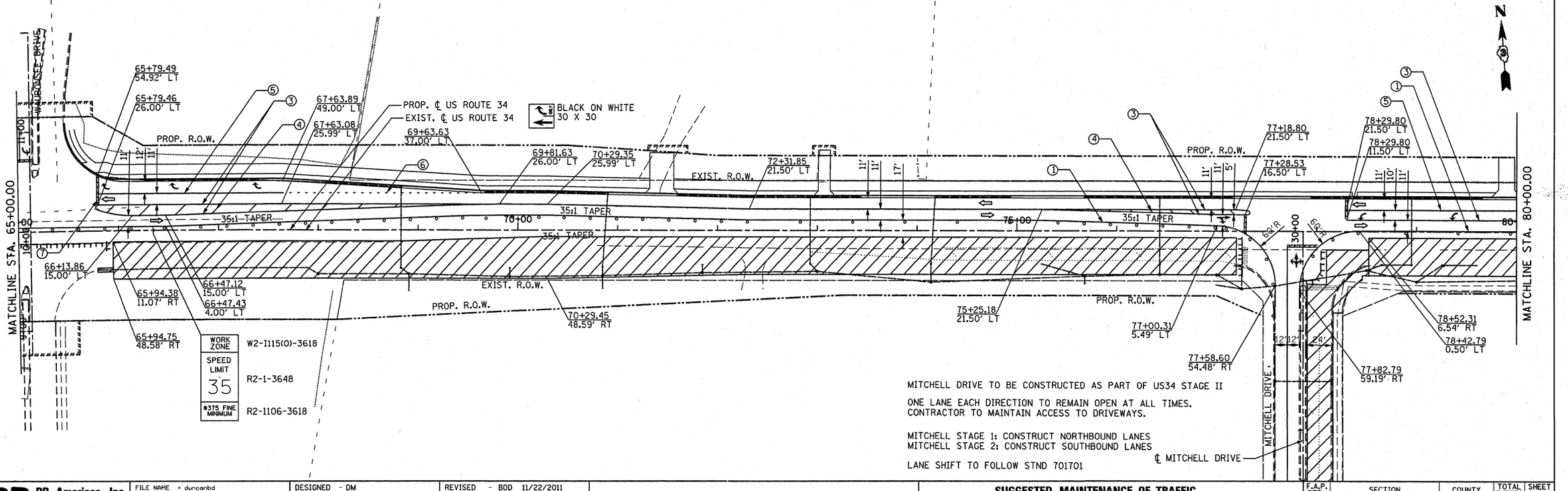
BARRICADE TYPE III WITH FLASHING MONODIRECTIONAL LIGHTS

ARROW BOARD

IMPACT ATTENUATORS, TEMPORARY (SEVERE USE,NARROW), TEST LEVEL 3

⑧ PAVEMENT PATCHES





MITCHELL DRIVE TO BE CONSTRUCTED AS PART OF US34 STAGE II

ONE LANE EACH DIRECTION TO REMAIN OPEN AT ALL TIMES.
CONTRACTOR TO MAINTAIN ACCESS TO DRIVEWAYS.

MITCHELL STAGE 1: CONSTRUCT NORTHBOUND LANES
MITCHELL STAGE 2: CONSTRUCT SOUTHBOUND LANES

LANE SHIFT TO FOLLOW STND 701701

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230 WEST MONROE STREET,
SUITE 900
CHICAGO, IL. 60606
(312)782-8150

FILE NAME = duncanbd	DESIGNED - DM	REVISED - BDD 11/22/2011	
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PLOT DATE = 11/22/2011	DATE - 08-18-2011	REVISED -	

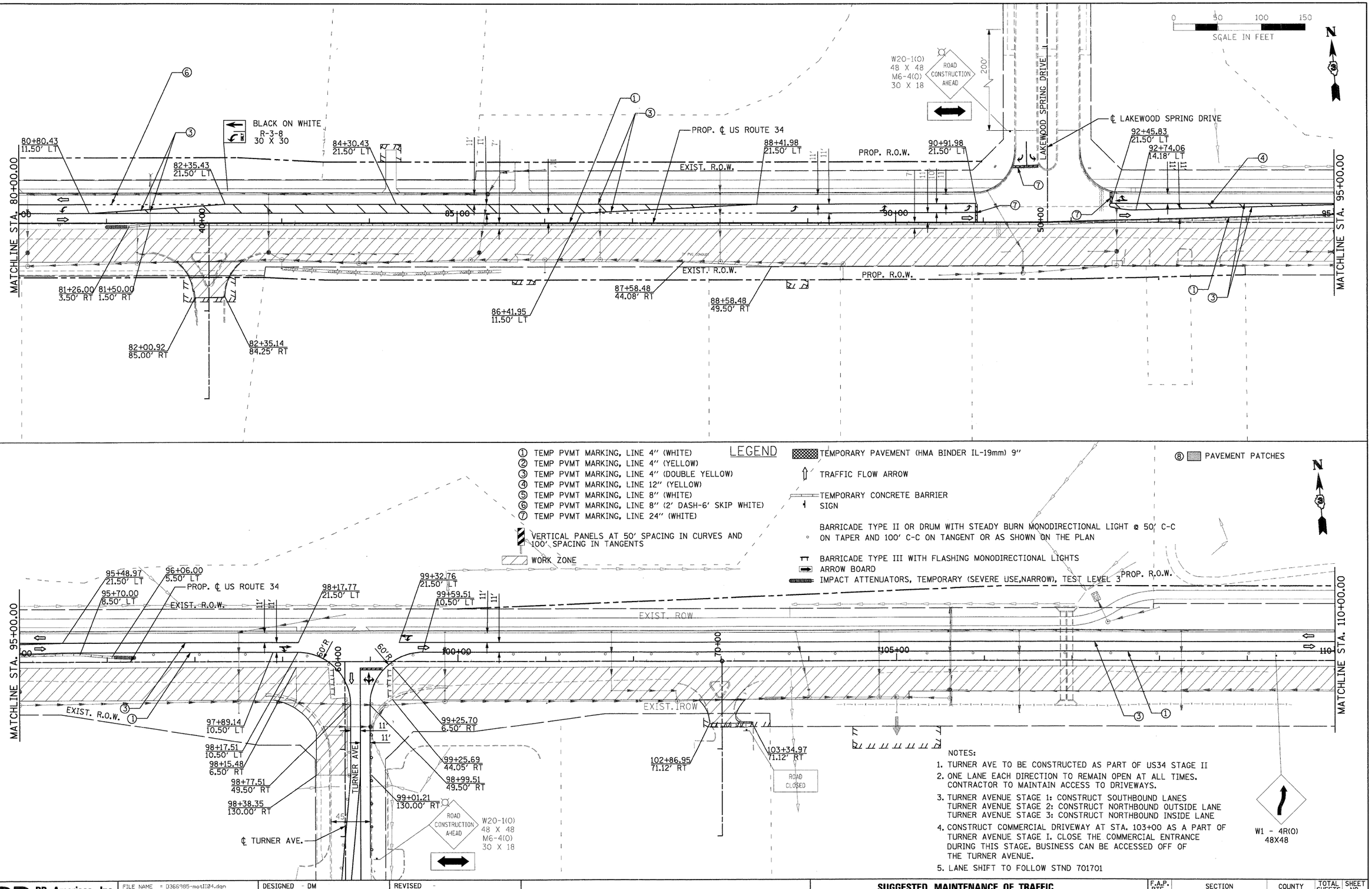
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC
US ROUTE 34 – STAGE II

SCALE: 1" = 50' | MOT - 19 OF 66 | STA. 50+00 TO STA. 80+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	107
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

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NOTES:

1. TURNER AVE TO BE CONSTRUCTED AS PART OF US34 STAGE II
2. ONE LANE EACH DIRECTION TO REMAIN OPEN AT ALL TIMES. CONTRACTOR TO MAINTAIN ACCESS TO DRIVEWAYS.
3. TURNER AVENUE STAGE 1: CONSTRUCT SOUTHBOUND LANES
   TURNER AVENUE STAGE 2: CONSTRUCT NORTHBOUND OUTSIDE LANE
   TURNER AVENUE STAGE 3: CONSTRUCT NORTHBOUND INSIDE LANE
4. CONSTRUCT COMMERCIAL DRIVEWAY AT STA. 103+00 AS A PART OF TURNER AVENUE STAGE I. CLOSE THE COMMERCIAL ENTRANCE DURING THIS STAGE. BUSINESS CAN BE ACCESSED OFF OF THE TURNER AVENUE.
5. LANE SHIFT TO FOLLOW STND 701701

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230 WEST MONROE STREET, SUITE 900
CHICAGO, IL. 60606
(312)782-8150

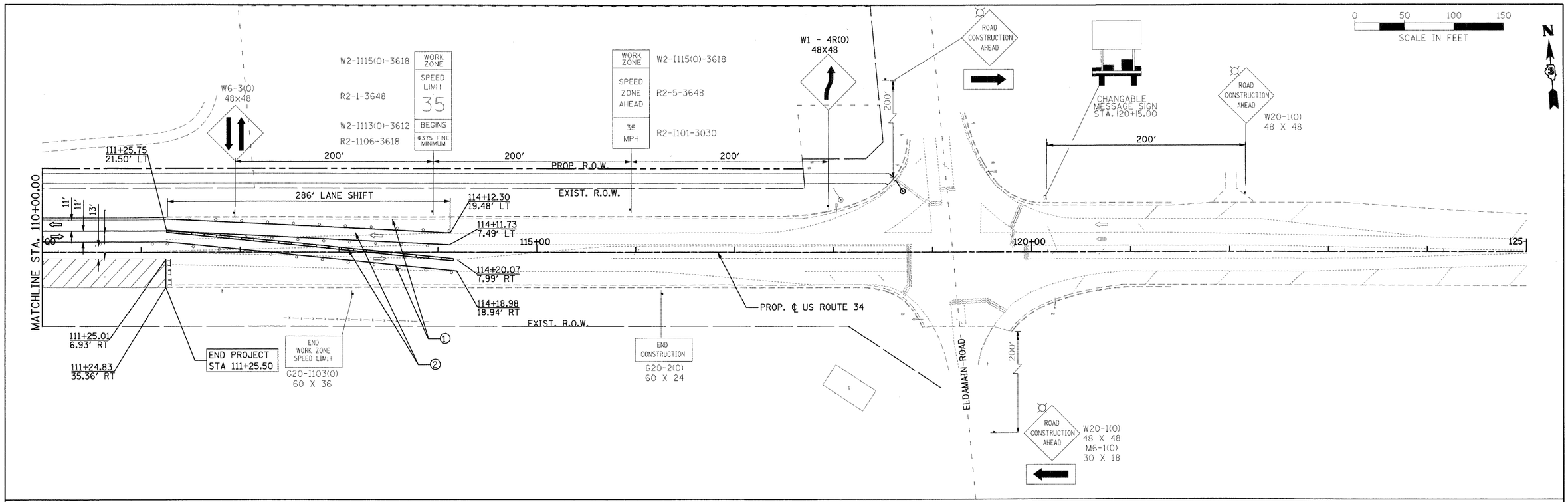
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC
US ROUTE 34 – STAGE II

SCALE: 1" = 50' | MOT - 20 OF 66 | STA. 80+00 TO STA. 110+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	108
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			



LEGEND

① TEMP PVMT MARKING, LINE 4" (WHITE)
② TEMP PVMT MARKING, LINE 4" (YELLOW)
③ TEMP PVMT MARKING, LINE 4" (DOUBLE YELLOW)
④ TEMP PVMT MARKING, LINE 12" (YELLOW)
⑤ TEMP PVMT MARKING, LINE 8" (WHITE)
⑥ TEMP PVMT MARKING, LINE 8" (2' DASH-6' SKIP WHITE)
⑦ TEMP PVMT MARKING, LINE 24" (WHITE)

VERTICAL PANELS AT 50' SPACING IN CURVES AND 100' SPACING IN TANGENTS

WORK ZONE

TEMPORARY PAVEMENT (HMA BINDER IL-19mm) 9"

TRAFFIC FLOW ARROW

TEMPORARY CONCRETE BARRIER

SIGN

BARRICADE TYPE II OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C ON TAPER AND 100' C-C ON TANGENT OR AS SHOWN ON THE PLAN

BARRICADE TYPE III WITH FLASHING MONODIRECTIONAL LIGHTS

ARROW BOARD

IMPACT ATTENUATORS, TEMPORARY (SEVERE USE,NARROW), TEST LEVEL 3

⑧ PAVEMENT PATCHES

$FILE$

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230 WEST MONROE STREET,
SUITE 900
CHICAGO, IL. 60606
(312)782-8150

FILE NAME = D366985-mot105.dgn	DESIGNED - DM	REVISED -
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PLOT DATE = 19-AUG-2011 08:17	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC
US ROUTE 34 – STAGE II

SCALE: 1" = 50' | MOT - 21 OF 66 | STA. 110+00 TO STA. 125+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	109
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

LEGEND

① TEMP PVMT MARKING, LINE 4" (WHITE)
② TEMP PVMT MARKING, LINE 4" (YELLOW)
③ TEMP PVMT MARKING, LINE 4" (DOUBLE YELLOW)
④ TEMP PVMT MARKING, LINE 12" (YELLOW)
⑤ TEMP PVMT MARKING, LINE 8" (WHITE)
⑥ TEMP PVMT MARKING, LINE 8" (2' DASH-6' SKIP WHITE)
⑦ TEMP PVMT MARKING, LINE 24" (WHITE)

VERTICAL PANELS AT 50' SPACING IN CURVES AND 100' SPACING IN TANGENTS

WORK ZONE

⑧ PAVEMENT PATCHES

TEMPORARY PAVEMENT (HMA BINDER IL-19mm) 9"

TRAFFIC FLOW ARROW

TEMPORARY CONCRETE BARRIER

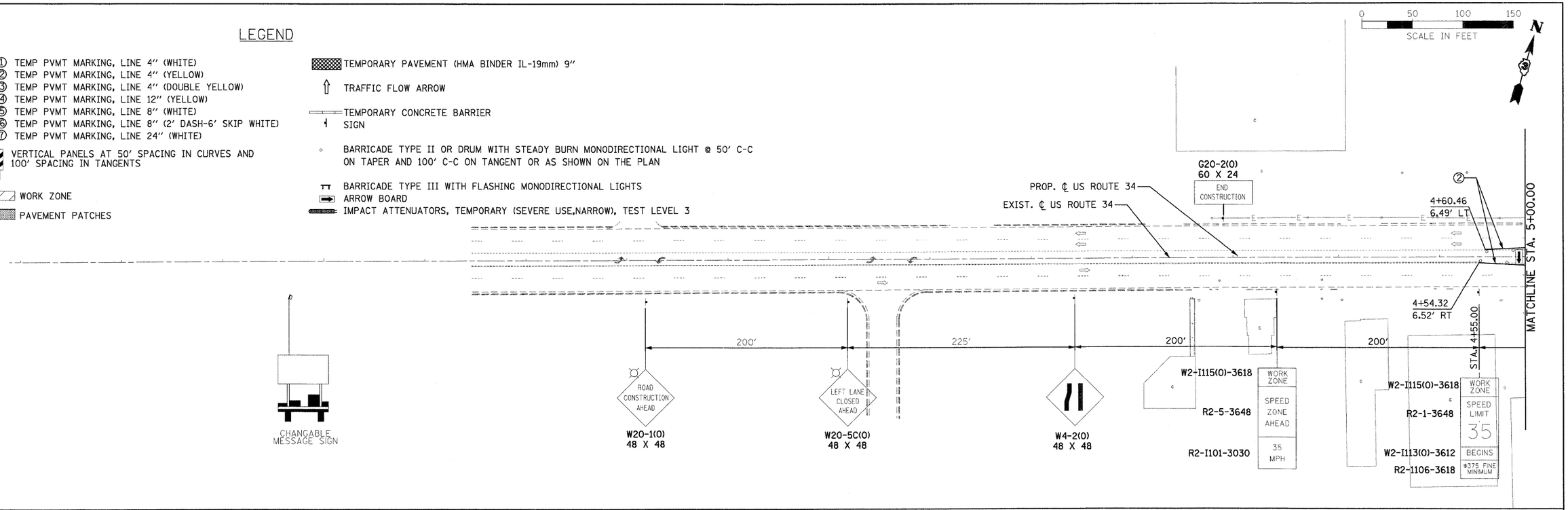
SIGN

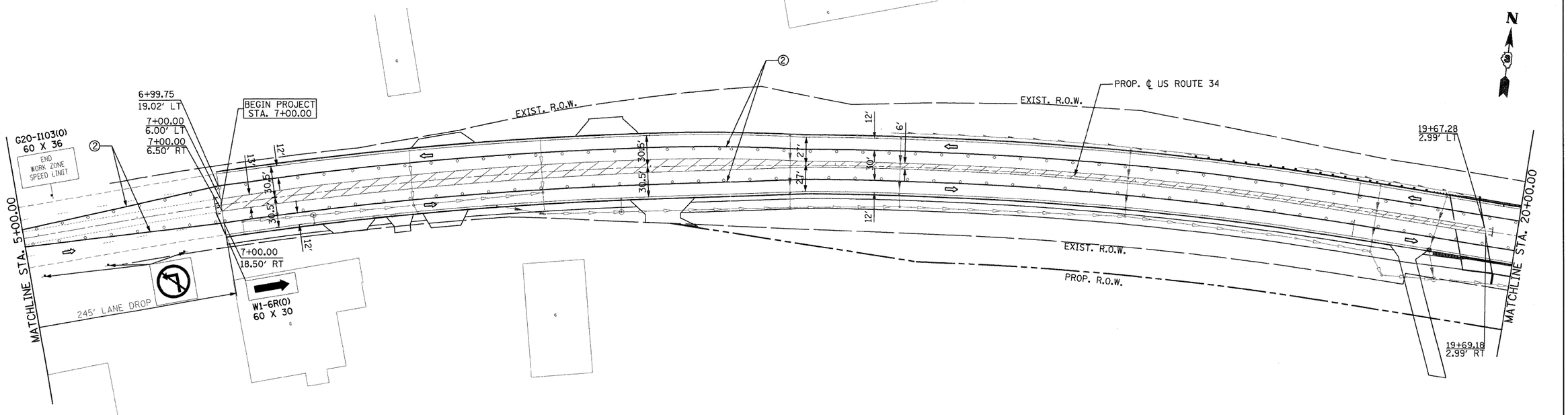
BARRICADE TYPE II OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C ON TAPER AND 100' C-C ON TANGENT OR AS SHOWN ON THE PLAN

BARRICADE TYPE III WITH FLASHING MONODIRECTIONAL LIGHTS

ARROW BOARD

IMPACT ATTENUATORS, TEMPORARY (SEVERE USE,NARROW), TEST LEVEL 3





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		DRAWN - MMS	REVISED -
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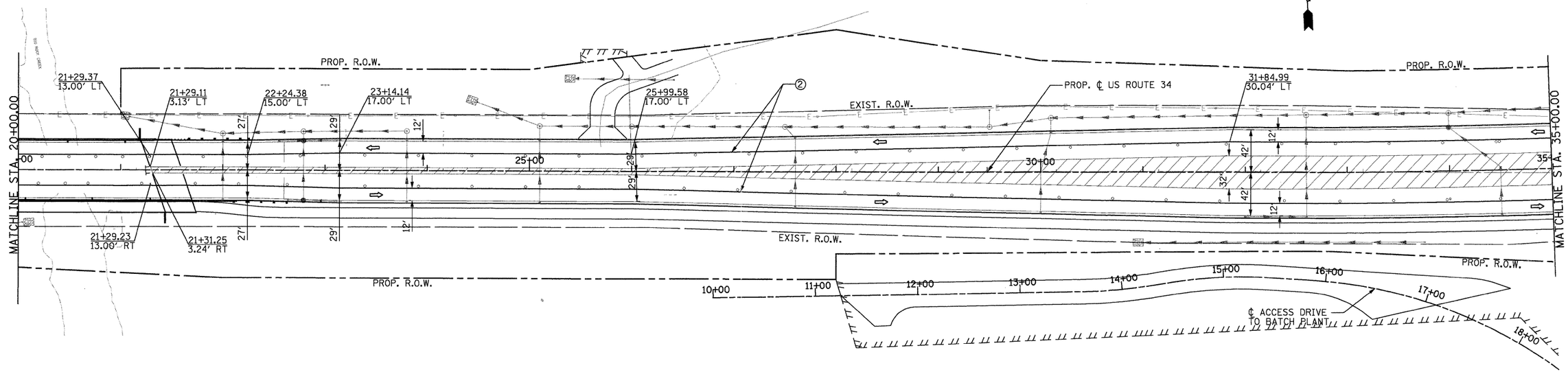
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

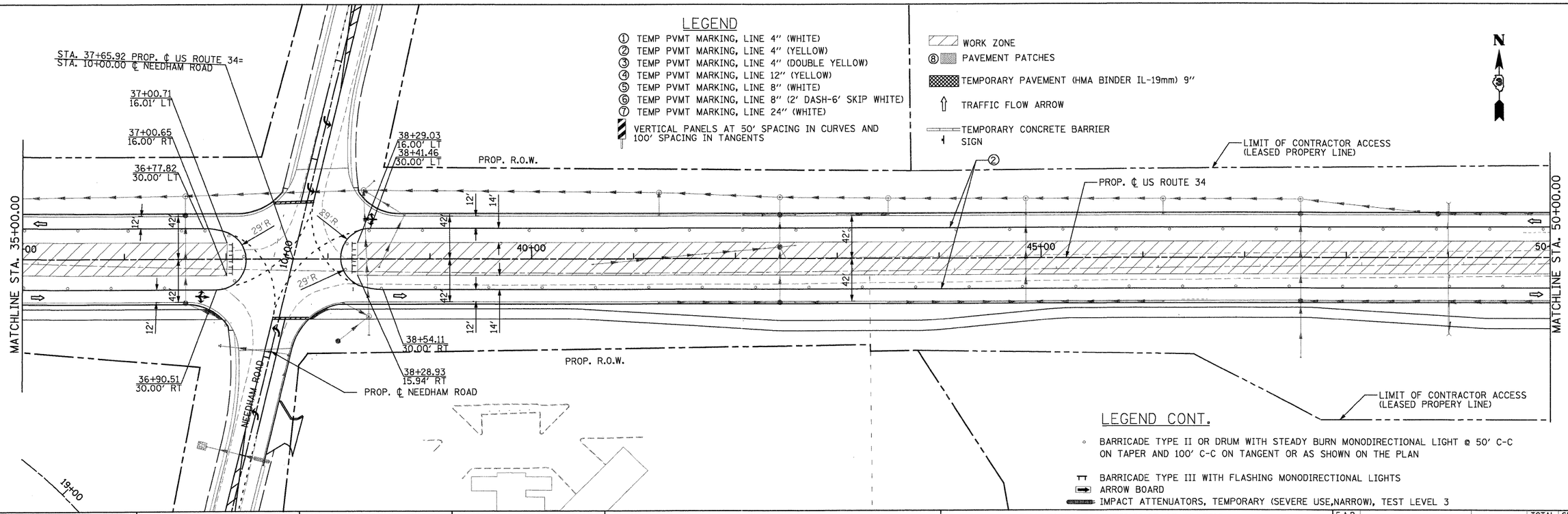
SUGGESTED MAINTENANCE OF TRAFFIC
US ROUTE 34 – STAGE III

SCALE: 1" = 50' | MOT - 22 OF 66 | STA. BEGIN TO STA. 20+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	110
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

&FILE&





LEGEND

① TEMP PVMT MARKING, LINE 4" (WHITE)
② TEMP PVMT MARKING, LINE 4" (YELLOW)
③ TEMP PVMT MARKING, LINE 4" (DOUBLE YELLOW)
④ TEMP PVMT MARKING, LINE 12" (YELLOW)
⑤ TEMP PVMT MARKING, LINE 8" (WHITE)
⑥ TEMP PVMT MARKING, LINE 8" (2' DASH-6' SKIP WHITE)
⑦ TEMP PVMT MARKING, LINE 24" (WHITE)
VERTICAL PANELS AT 50' SPACING IN CURVES AND 100' SPACING IN TANGENTS

WORK ZONE
⑧ PAVEMENT PATCHES
TEMPORARY PAVEMENT (HMA BINDER IL-19mm) 9"
TRAFFIC FLOW ARROW
TEMPORARY CONCRETE BARRIER
SIGN

LEGEND CONT.

◦ BARRICADE TYPE II OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C ON TAPER AND 100' C-C ON TANGENT OR AS SHOWN ON THE PLAN
BARRICADE TYPE III WITH FLASHING MONODIRECTIONAL LIGHTS
ARROW BOARD
IMPACT ATTENUATORS, TEMPORARY (SEVERE USE,NARROW), TEST LEVEL 3

PB Americas, Inc.
230 WEST MONROE STREET, SUITE 900
CHICAGO, IL. 60606
(312)782-8150

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC
US ROUTE 34 – STAGE III

SCALE: 1" = 50' | MOT - 23 OF 66 | STA. 20+00 TO STA. 50+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	111
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

LEGEND

① TEMP PVMT MARKING, LINE 4" (WHITE)
② TEMP PVMT MARKING, LINE 4" (YELLOW)
③ TEMP PVMT MARKING, LINE 4" (DOUBLE YELLOW)
④ TEMP PVMT MARKING, LINE 12" (YELLOW)
⑤ TEMP PVMT MARKING, LINE 8" (WHITE)
⑥ TEMP PVMT MARKING, LINE 8" (2' DASH-6' SKIP WHITE)
⑦ TEMP PVMT MARKING, LINE 24" (WHITE)

VERTICAL PANELS AT 50' SPACING IN CURVES AND 100' SPACING IN TANGENTS

WORK ZONE

TEMPORARY PAVEMENT (HMA BINDER IL-19mm) 9"

TRAFFIC FLOW ARROW

TEMPORARY CONCRETE BARRIER

SIGN

⑧ PAVEMENT PATCHES

BARRICADE TYPE II OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C ON TAPER AND 100' C-C ON TANGENT OR AS SHOWN ON THE PLAN

BARRICADE TYPE III WITH FLASHING MONODIRECTIONAL LIGHTS

ARROW BOARD

IMPACT ATTENUATORS, TEMPORARY (SEVERE USE,NARROW), TEST LEVEL 3

W2-1115(0)-3618
R2-1-3648
R2-1106-3618

WORK ZONE
SPEED LIMIT 35
*375 FINE MINIMUM

W20-1(0) 48 X 48
M6-4(0) 30 X 18
ROAD CONSTRUCTION AHEAD

LIMIT OF CONTRACTOR ACCESS (LEASED PROPERY LINE)

PROP. ℄ US ROUTE 34

MATCHLINE STA. 50+00.00

MATCHLINE STA. 65+00.00

55+00

60+00

61+99.87
14.99' RT

64+44.54
25.00' LT

64+39.70
11.00' LT

64+39.71
11.00' RT

62+60.86
15.00' RT

64+22.48
13.00' RT

64+46.96
15.00' RT

64+44.89
57.45' RT

60+59.63
25.00' RT

PROP. R.O.W.

CHANGABLE MESSAGE SIGN STA. 50+25.00

0 50 100 150
SCALE IN FEET

N

MATCHLINE STA. 65+00.00

MATCHLINE STA. 80+00.00

65+79.42
16.00' LT

4" PERMANENT PAVEMENT MARKING TAPE TYPE III (WHITE)

℄ WALDONSEE DR

200' TAPER

69+63.63
25.00' LT

70+29.10
24.99' LT

70+00

72+31.58
20.50' LT

75+00

77+38.37
6.19' LT

77+38.39
6.13' RT

77+20.46
20.50' LT

78+35.02
32.50' LT

78+39.57
10.50' LT

78+39.57
8.50' LT

66+08.63
13.00' LT

65+88.25
10.84' LT

65+88.36
11.00' RT

65+83.71
25.00' RT

69+35.10
14.01' LT

69+01.46
23.00' RT

77+28.53
20.50' RT

78+63.06
8.50' LT

78+45.66
6.49' LT

78+45.98
6.50' RT

78+39.57
20.50' RT

℄ MITCHEL DR

MITCHEL DR

20'R

15'R

30+00

80

200'

W2-1115(0)-3618
R2-1-3648
R2-1106-3618

W20-1(0) 48 X 48
M6-4(0) 30 X 18
ROAD CONSTRUCTION AHEAD

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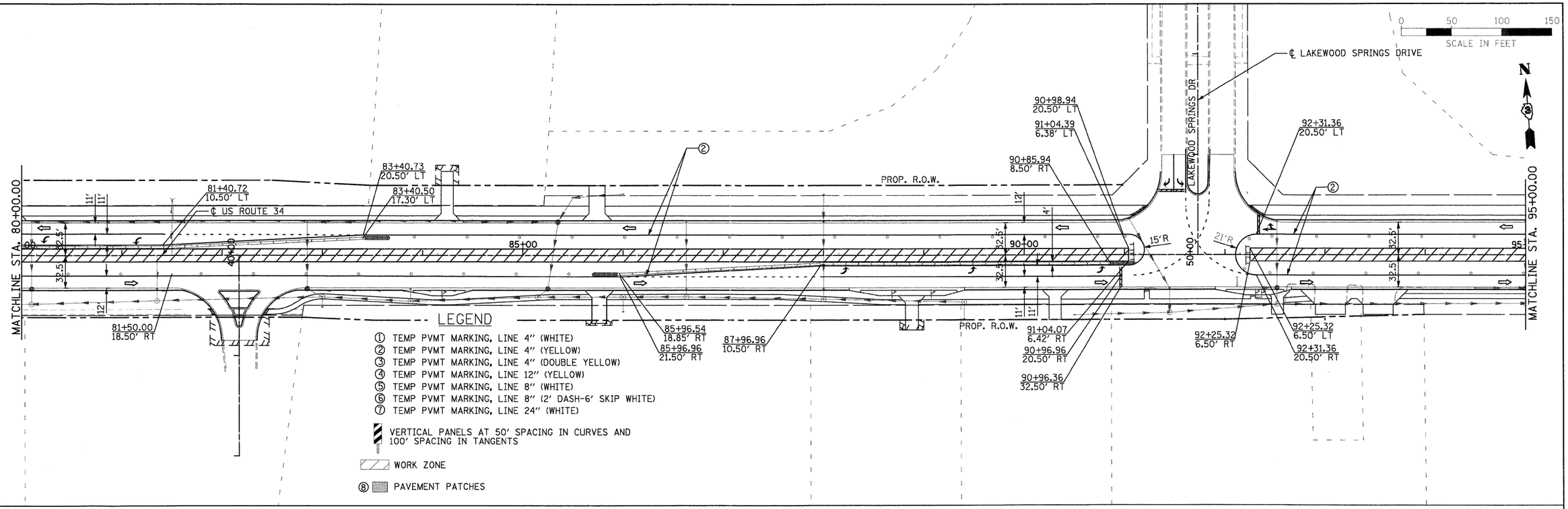
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC
US ROUTE 34 – STAGE III

SCALE: 1' = 50' | MOT - 24 OF 66 | STA. 50+00 TO STA. 80+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	112
	FINAL SUBMITTAL	CONTRACT NO. 66985		
		ILLINOIS FED. AID PROJECT		



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SUITE 900
CHICAGO, IL. 60606
(312)782-8150

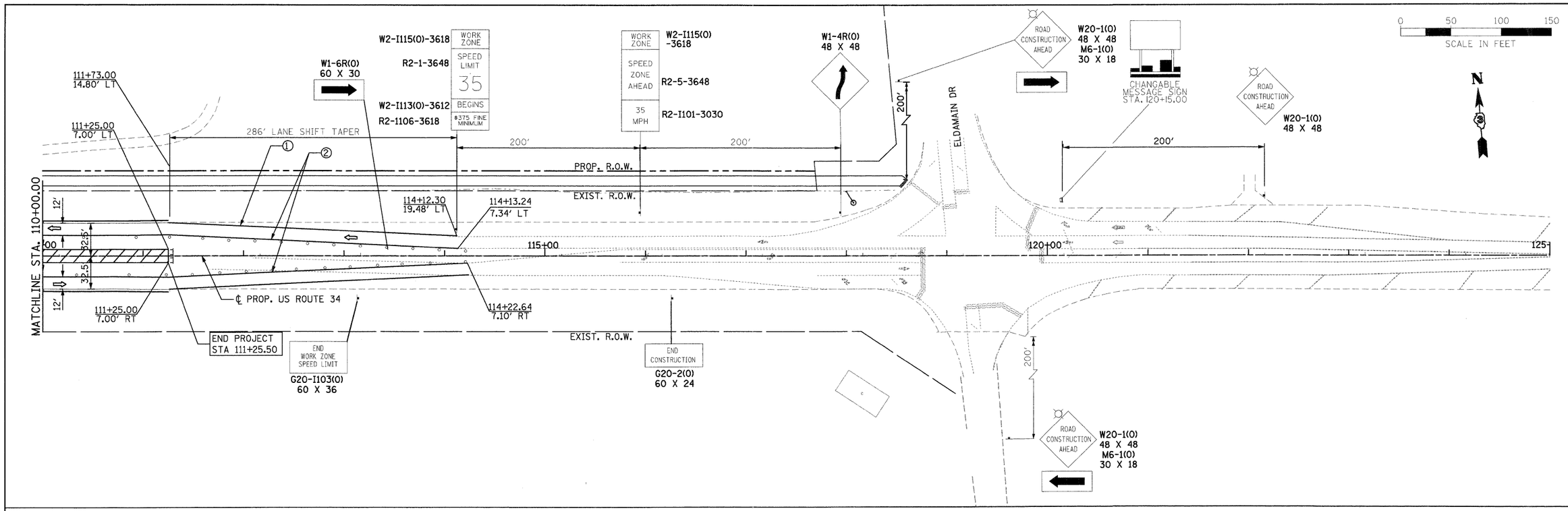
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC
US ROUTE 34 – STAGE III

SCALE: 1" = 50' | MOT - 25 OF 66 | STA. 80+00 TO STA. 110+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	113
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			



LEGEND

① TEMP PVMT MARKING, LINE 4" (WHITE)
② TEMP PVMT MARKING, LINE 4" (YELLOW)
③ TEMP PVMT MARKING, LINE 4" (DOUBLE YELLOW)
④ TEMP PVMT MARKING, LINE 12" (YELLOW)
⑤ TEMP PVMT MARKING, LINE 8" (WHITE)
⑥ TEMP PVMT MARKING, LINE 8" (2' DASH-6' SKIP WHITE)
⑦ TEMP PVMT MARKING, LINE 24" (WHITE)

VERTICAL PANELS AT 50' SPACING IN CURVES AND 100' SPACING IN TANGENTS

WORK ZONE

⑧ PAVEMENT PATCHES

TEMPORARY PAVEMENT (HMA BINDER IL-19mm) 9"

TRAFFIC FLOW ARROW

TEMPORARY CONCRETE BARRIER

SIGN

BARRICADE TYPE II OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C ON TAPER AND 100' C-C ON TANGENT OR AS SHOWN ON THE PLAN

BARRICADE TYPE III WITH FLASHING MONODIRECTIONAL LIGHTS

ARROW BOARD

IMPACT ATTENUATORS, TEMPORARY (SEVERE USE,NARROW), TEST LEVEL 3

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230 WEST MONROE STREET,
SUITE 900
CHICAGO, IL. 60606
(312)782-8150

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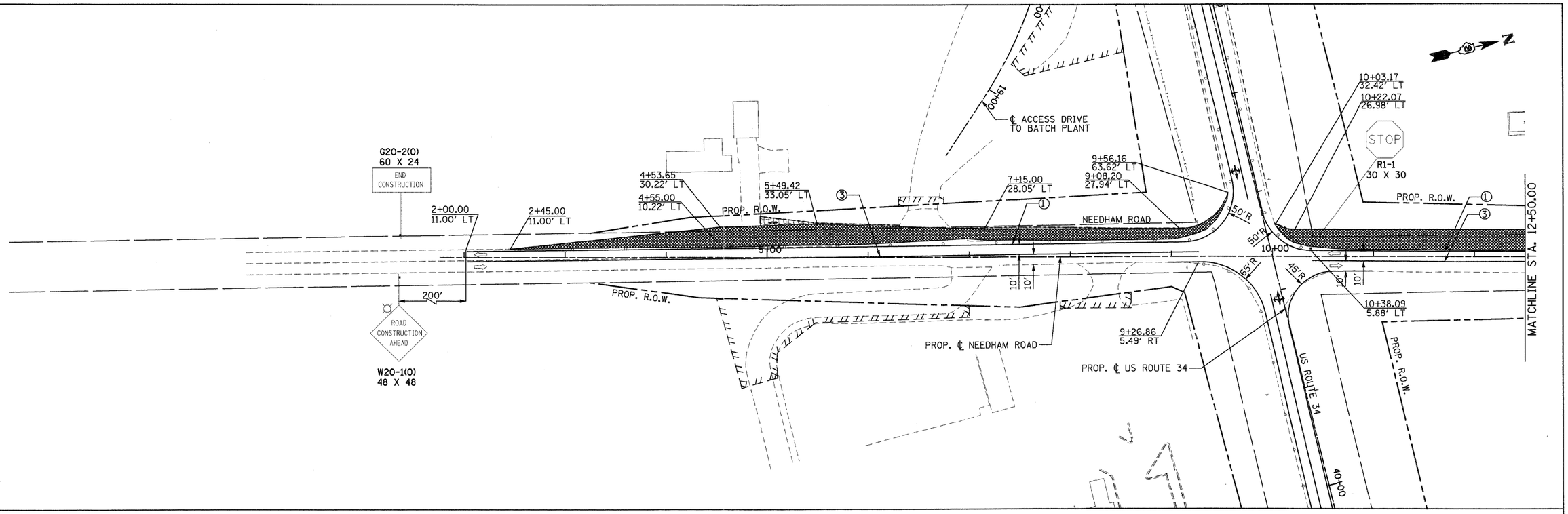
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

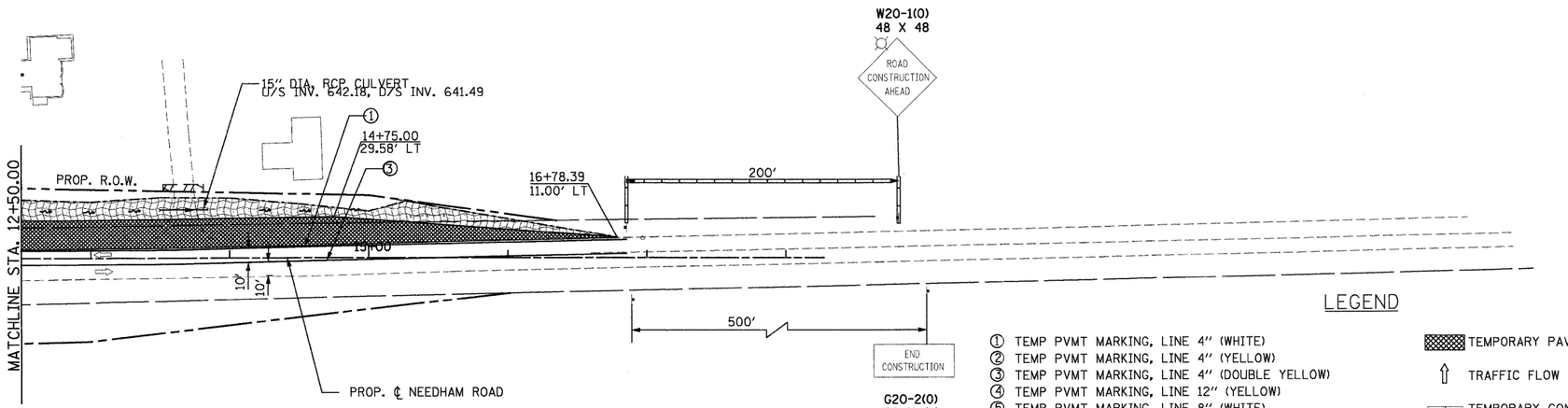
SUGGESTED MAINTENANCE OF TRAFFIC
US ROUTE 34 – STAGE III

SCALE: 1" = 50' | MOT - 26 OF 66 | STA. 110+00 TO STA. 125+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	114
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

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LEGEND

① TEMP PVMT MARKING, LINE 4" (WHITE)
② TEMP PVMT MARKING, LINE 4" (YELLOW)
③ TEMP PVMT MARKING, LINE 4" (DOUBLE YELLOW)
④ TEMP PVMT MARKING, LINE 12" (YELLOW)
⑤ TEMP PVMT MARKING, LINE 8" (WHITE)
⑥ TEMP PVMT MARKING, LINE 8" (2' DASH-6' SKIP WHITE)
⑦ TEMP PVMT MARKING, LINE 24" (WHITE)

VERTICAL PANELS AT 50' SPACING IN CURVES AND 100' SPACING IN TANGENTS

DRUMS W/ STEADY BURN LIGHTS AT 25' C-C IN TAPERS AND 50' C-C IN TANGENTS

WORK ZONE

TEMPORARY PAVEMENT (HMA BINDER IL-19mm) 9"

TRAFFIC FLOW ARROW

TEMPORARY CONCRETE BARRIER

SIGN

BARRICADE TYPE III WITH FLASHING MONODIRECTIONAL LIGHTS

ARROW BOARD

SAND MODULE IMPACT ATTENUATOR, TEMPORARY (11 EACH)

TEMPORARY SEEDING

EROSION CONTROL BLANKET

SEDIMENTATION BASIN

⑧ PAVEMENT PATCHES

0 50 100 150
SCALE IN FEET

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(312)782-8150

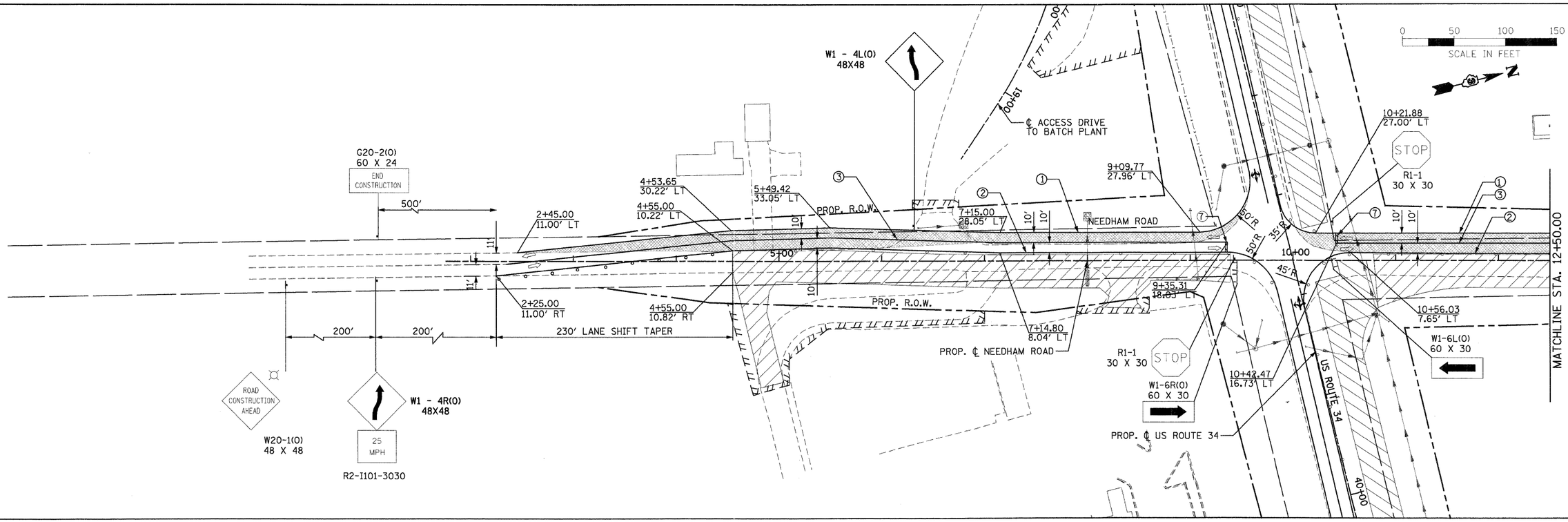
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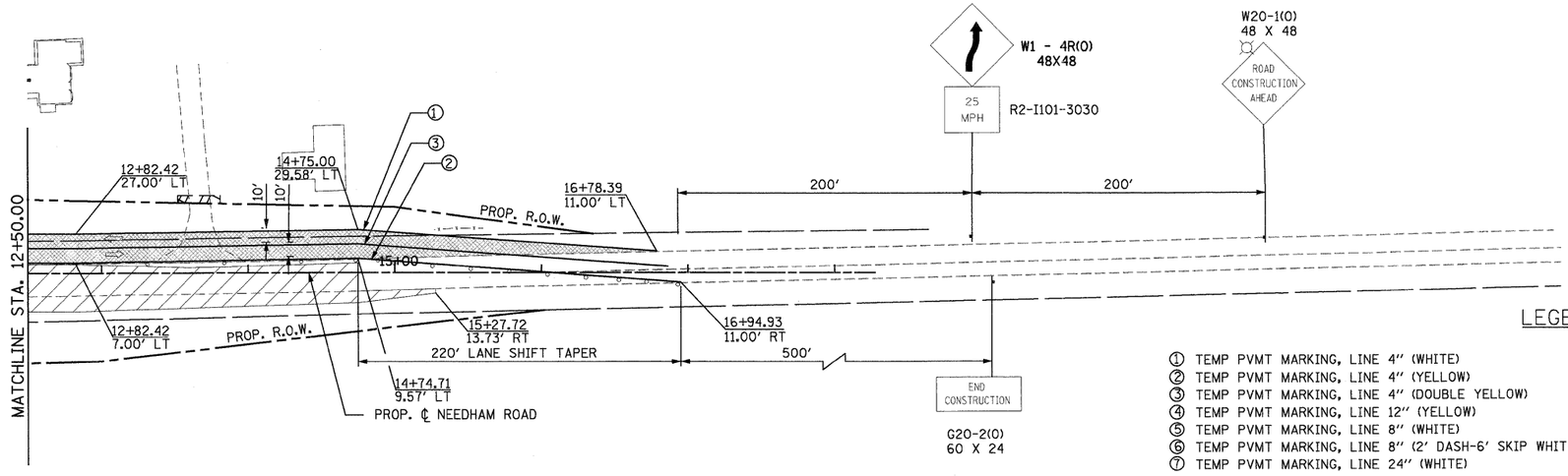
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC
NEEDHAM RD – STAGE IA

SCALE: 1" = 50' | MOT - 27 OF 66 | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	115
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			





LEGEND

① TEMP PVMT MARKING, LINE 4" (WHITE)
② TEMP PVMT MARKING, LINE 4" (YELLOW)
③ TEMP PVMT MARKING, LINE 4" (DOUBLE YELLOW)
④ TEMP PVMT MARKING, LINE 12" (YELLOW)
⑤ TEMP PVMT MARKING, LINE 8" (WHITE)
⑥ TEMP PVMT MARKING, LINE 8" (2' DASH-6' SKIP WHITE)
⑦ TEMP PVMT MARKING, LINE 24" (WHITE)

VERTICAL PANELS AT 50' SPACING IN CURVES AND 100' SPACING IN TANGENTS

DRUMS W/ STEADY BURN LIGHTS AT 25' C-C IN TAPERS AND 50' C-C IN TANGENTS

WORK ZONE

TEMPORARY PAVEMENT (HMA BINDER IL-19mm) 9"

TRAFFIC FLOW ARROW

TEMPORARY CONCRETE BARRIER
SIGN

BARRICADE TYPE III WITH FLASHING MONODIRECTIONAL LIGHTS

ARROW BOARD

SAND MODULE IMPACT ATTENUATOR, TEMPORARY (11 EACH)
8

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SUITE 900
CHICAGO, IL. 60606
(312)782-8150

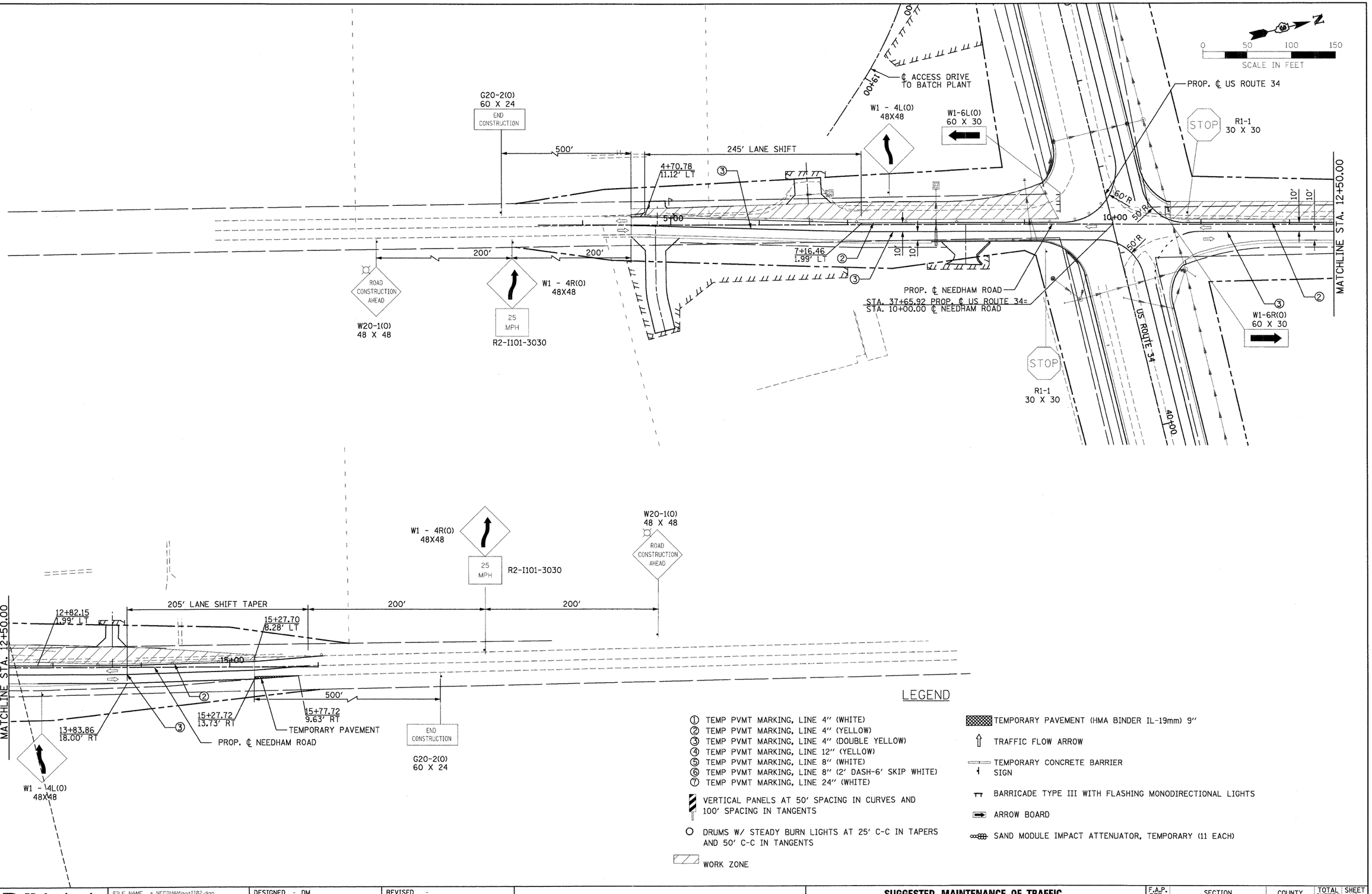
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC
NEEDHAM RD - STAGE I

SCALE: 1" = 50' | MOT - 28 OF 66 | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(I);15R-1	KENDALL	429	116
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			



LEGEND

① TEMP PVMT MARKING, LINE 4" (WHITE)
② TEMP PVMT MARKING, LINE 4" (YELLOW)
③ TEMP PVMT MARKING, LINE 4" (DOUBLE YELLOW)
④ TEMP PVMT MARKING, LINE 12" (YELLOW)
⑤ TEMP PVMT MARKING, LINE 8" (WHITE)
⑥ TEMP PVMT MARKING, LINE 8" (2' DASH-6' SKIP WHITE)
⑦ TEMP PVMT MARKING, LINE 24" (WHITE)

VERTICAL PANELS AT 50' SPACING IN CURVES AND 100' SPACING IN TANGENTS

DRUMS W/ STEADY BURN LIGHTS AT 25' C-C IN TAPERS AND 50' C-C IN TANGENTS

WORK ZONE

TEMPORARY PAVEMENT (HMA BINDER IL-19mm) 9"

TRAFFIC FLOW ARROW

TEMPORARY CONCRETE BARRIER
SIGN

BARRICADE TYPE III WITH FLASHING MONODIRECTIONAL LIGHTS

ARROW BOARD

SAND MODULE IMPACT ATTENUATOR, TEMPORARY (11 EACH)

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230 WEST MONROE STREET,
SUITE 900
CHICAGO, IL. 60606
(312)782-8150

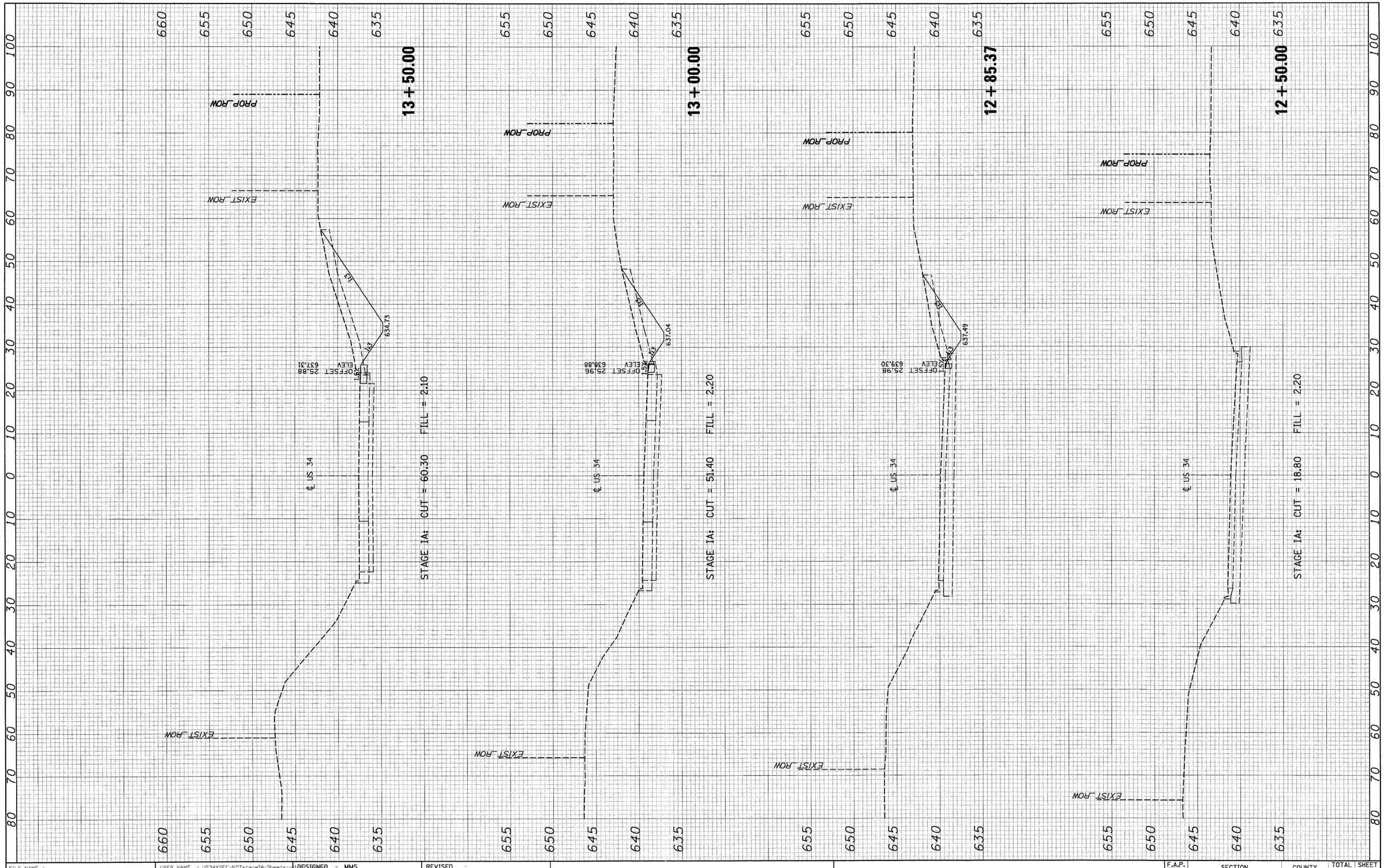
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC
NEEDHAM RD – STAGE II

SCALE: 1" = 50' | MOT - 29 OF 66 | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	117
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			



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

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

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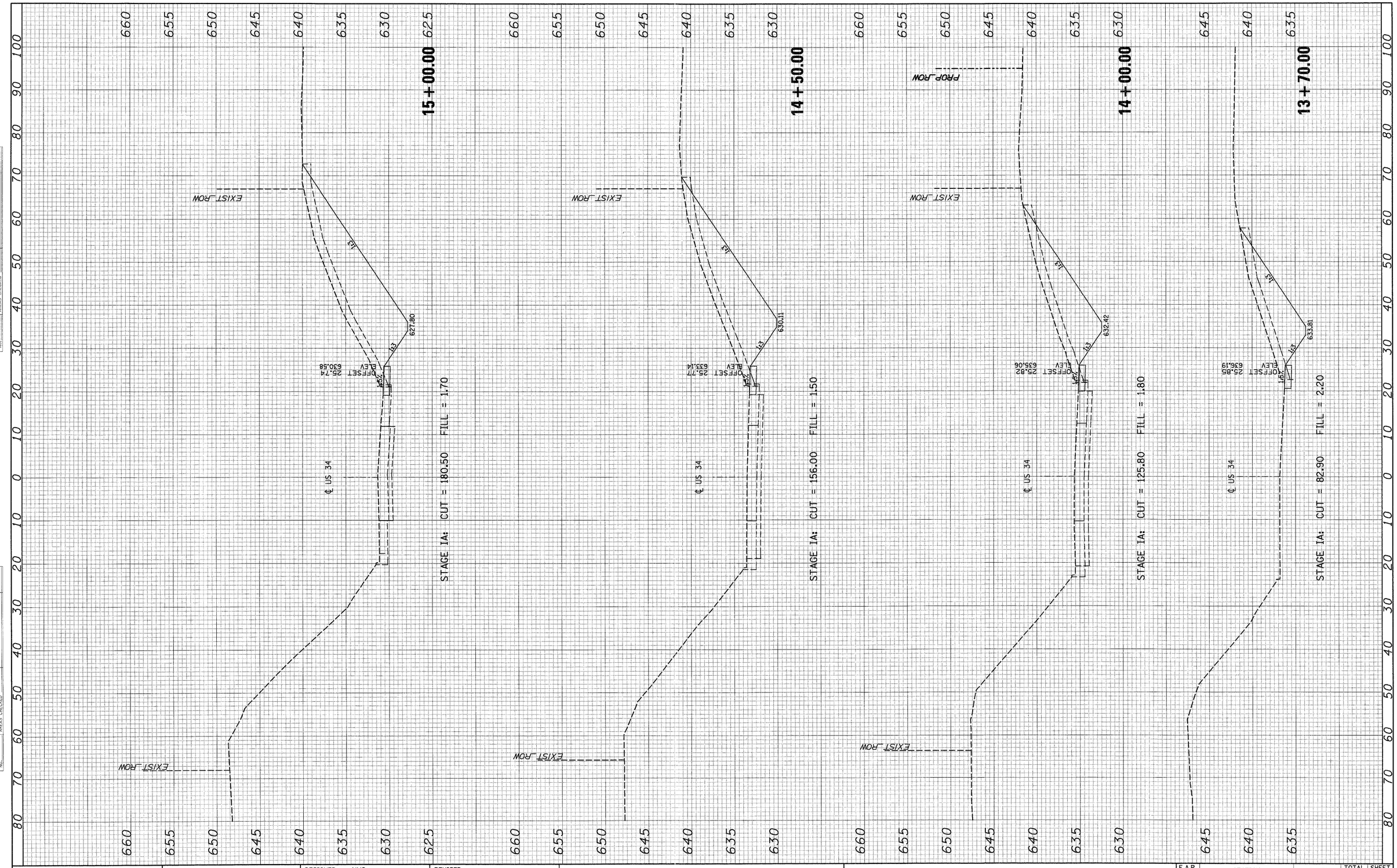
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REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINENANCE OF TRAFFIC
US ROUTE 34 – STAGE IA – CROSS SECTIONS

SCALE: | MOT 30 OF 66 SHEETS | STA. 12+50.00 TO STA. 13+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	118
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			



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

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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINENANCE OF TRAFFIC
US ROUTE 34 – STAGE IA – CROSS SECTIONS

SCALE: | MOT 31 OF 66 SHEETS | STA. 13+70.00 TO STA. 15+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	119
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

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

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	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

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		DRAWN - MMS	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINENANCE OF TRAFFIC
US ROUTE 34 – STAGE IA – CROSS SECTIONS

SCALE: | MOT 32 OF 66 SHEETS | STA. 15+50.00 TO STA. 16+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	120
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

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

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

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PLOT SCALE = 1

PLOT DATE = 19-AUG-2011 @ 9:16

DESIGNED	-	MMS
DRAWN	-	MMS
CHECKED	-	KJB
DATE	-	08-18-2011

REVISED	-	
REVISED	-	
REVISED	-	
REVISED	-	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINENANCE OF TRAFFIC
US ROUTE 34 - STAGE IA - CROSS SECTIONS

SCALE:

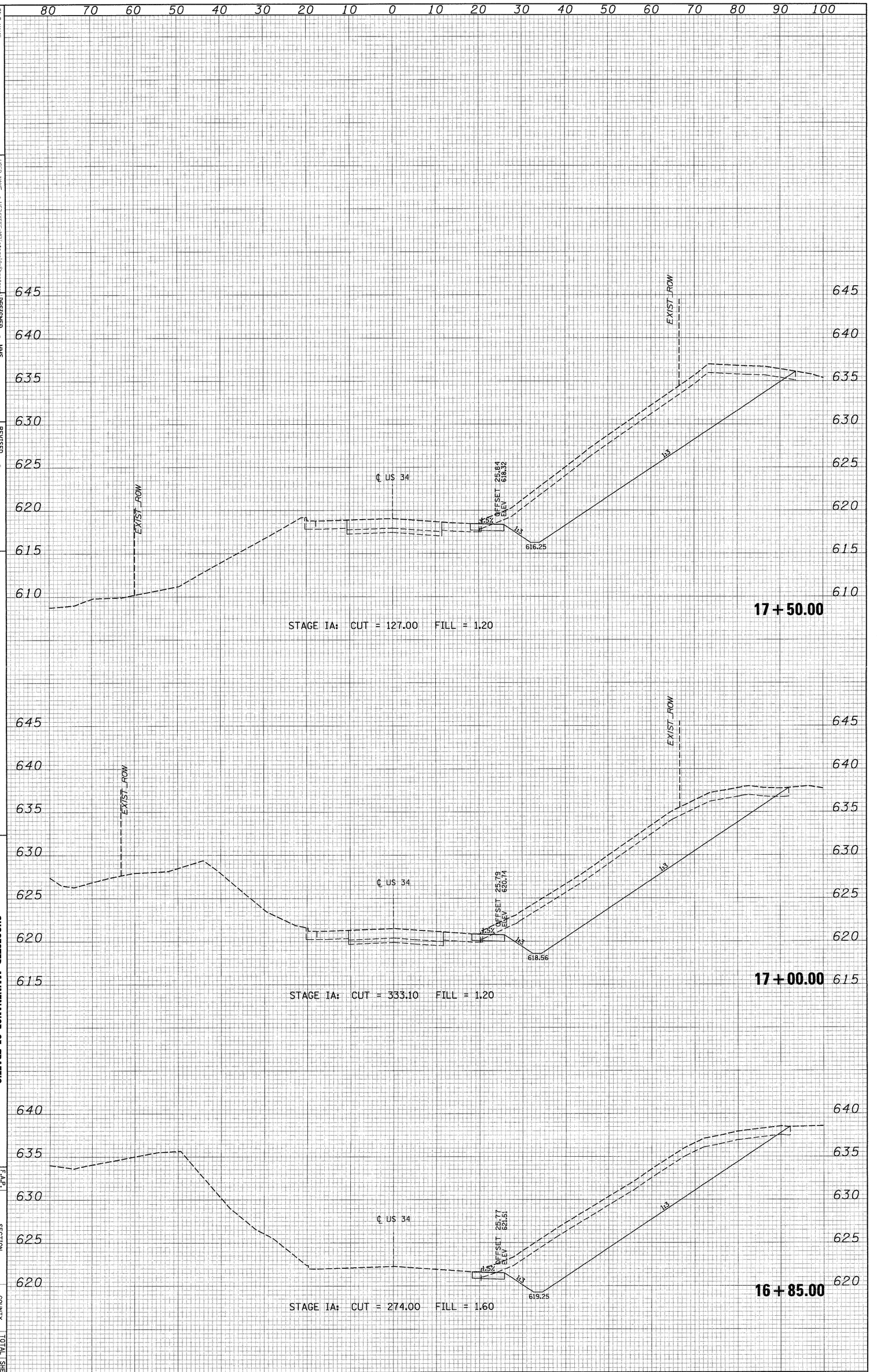
MOT 33 OF 66 SHEETS STA. 16+85.00 TO STA. 17+50.00

F.A.P. RTE. 591 | SECTION 13R-2&4R-1 & BR-1(U)&5R-1 | COUNTY KENDALL | TOTAL SHEETS 429 | SHEET NO. 121

FINAL SUBMITTAL

CONTRACT NO. 66985

ILLINOIS FED. AID PROJECT



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

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

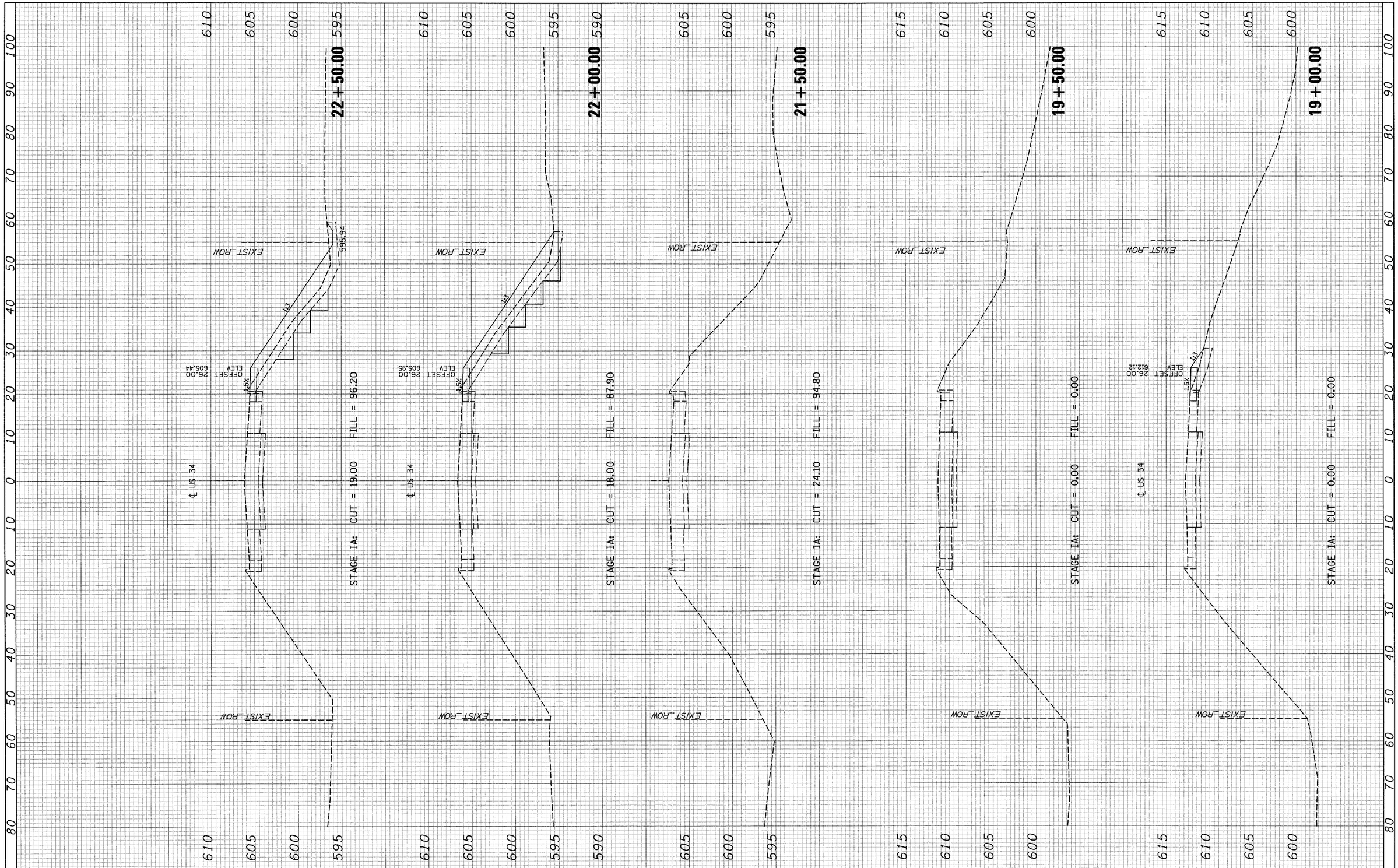
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		DRAWN - MMS	REVISED -
	PLOT SCALE =	CHECKED - KJB	REVISED -
	PLOT DATE = 19-AUG-2011 09:16	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINENANCE OF TRAFFIC
US ROUTE 34 – STAGE IA – CROSS SECTIONS

SCALE: | MOT | 34 OF 66 SHEETS | STA. 17+75.00 | TO STA. 18+95.32

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	122
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			



FILE NAME = *FILEL*	USER NAME = US34XSEC-MOTstageIA-Sheets--pl	DESIGNED - MMS	REVISED -
		DRAWN - MMS	REVISED -
	PLOT SCALE =	CHECKED - KJB	REVISED -
	PLOT DATE = 19-AUG-2011 09:16	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINENANCE OF TRAFFIC
US ROUTE 34 – STAGE IA – CROSS SECTIONS

SCALE: | MOT 35 OF 66 SHEETS | STA. 19+00.00 | TO STA. 22+50.00

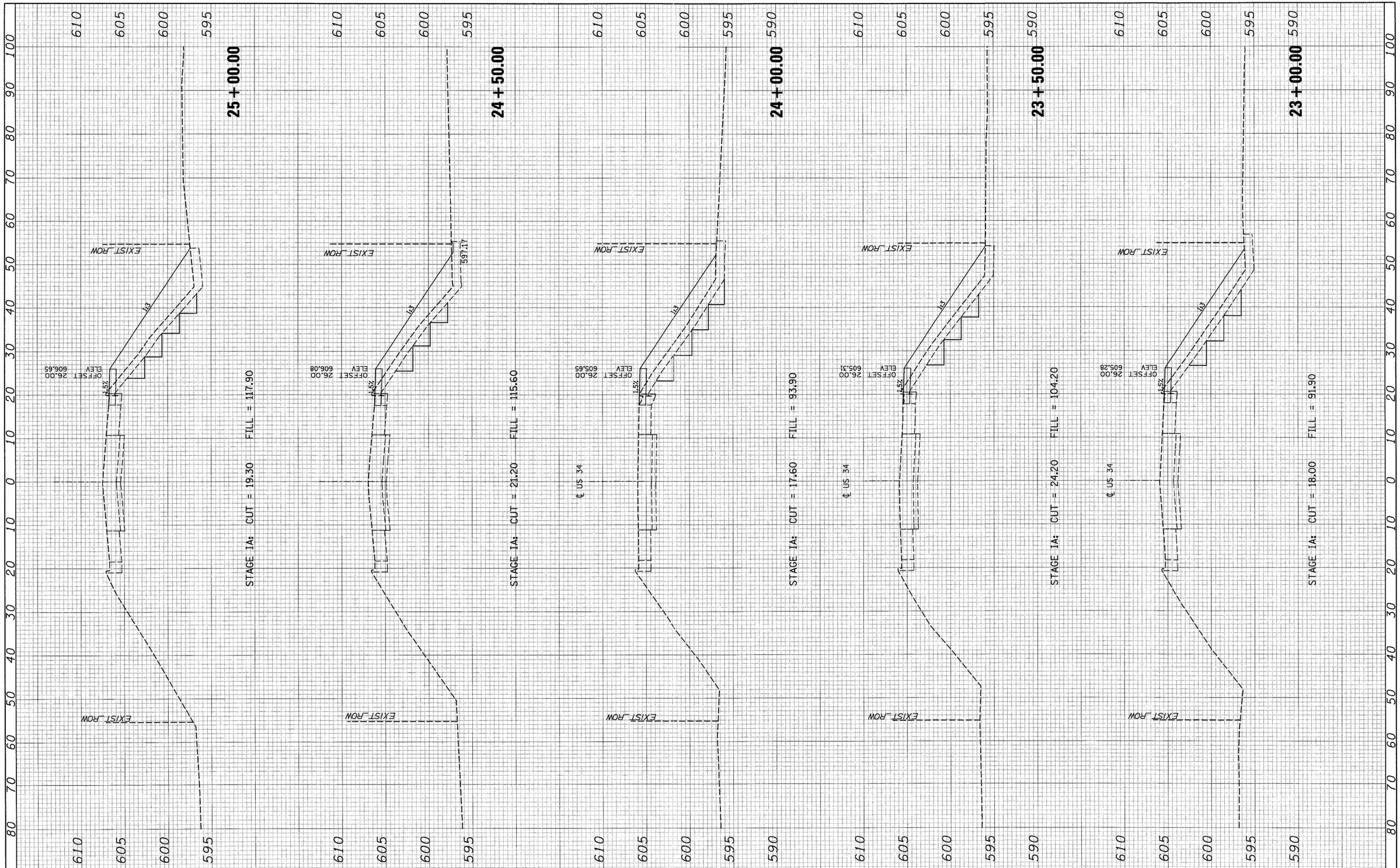
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	123
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

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.		

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

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



FILE NAME = $FILEL$	USER NAME = US34XSEC-MOTstageIA-Sheets-pl	DESIGNED - MMS	REVISED -
		DRAWN - MMS	REVISED -
	PLOT SCALE =	CHECKED - KJB	REVISED -
	PLOT DATE = 19-AUG-2011 09:16	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

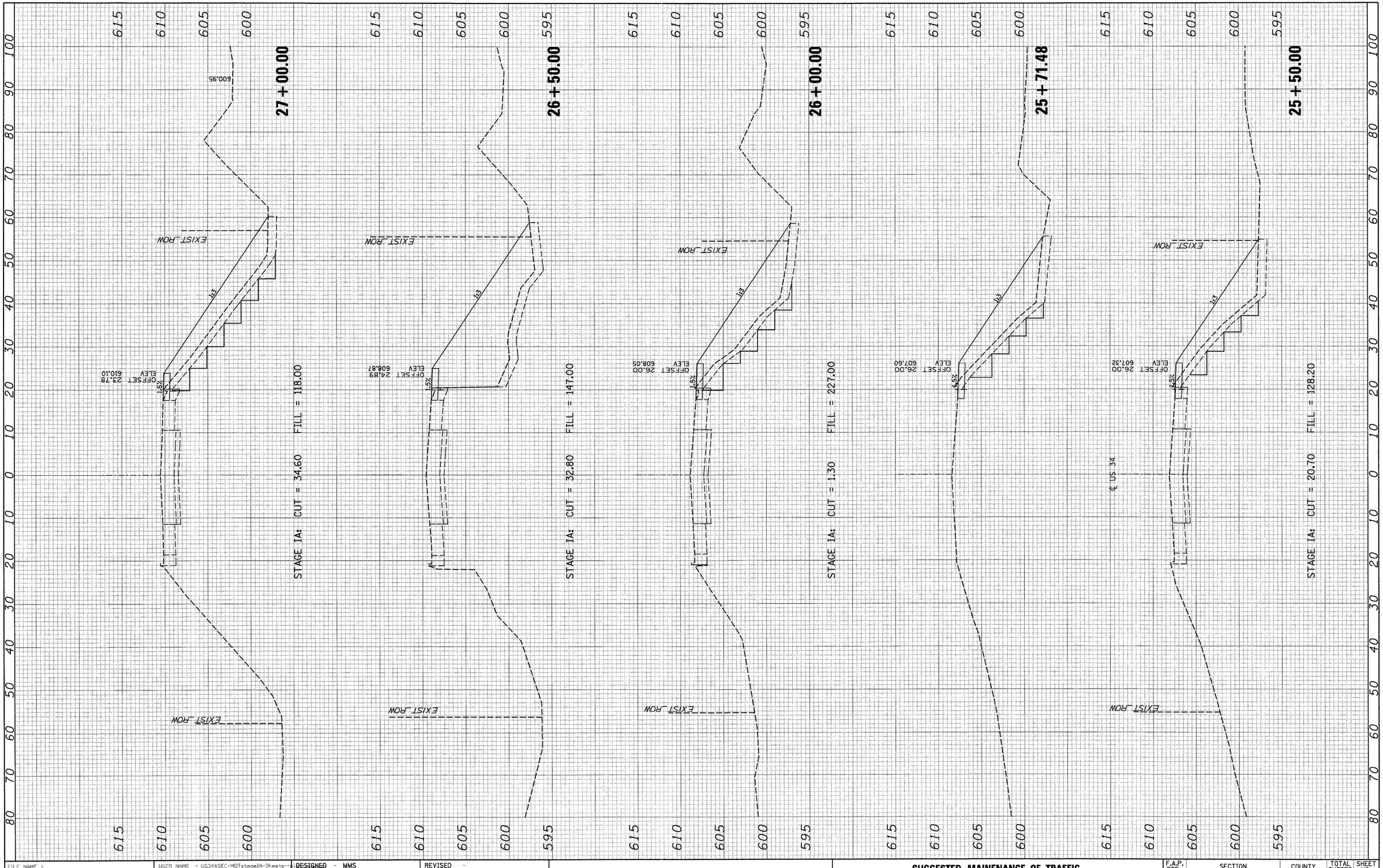
SUGGESTED MAINENANCE OF TRAFFIC
US ROUTE 34 – STAGE IA – CROSS SECTIONS

SCALE: | MOT 36 OF 66 SHEETS | STA. 23+00.00 TO STA. 25+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	124
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

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

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



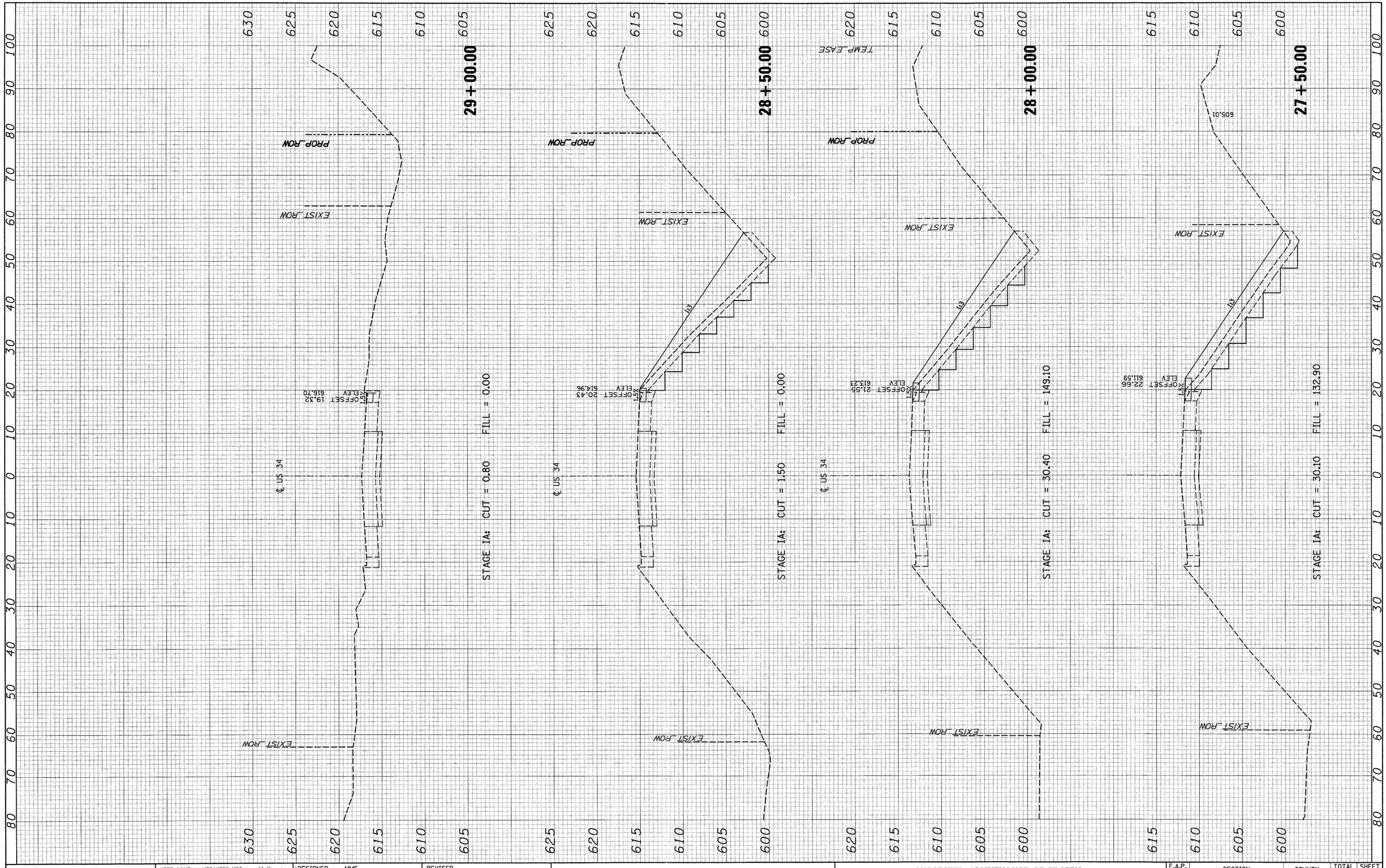
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		DRAWN - MMS	REVISED -
	PLOT SCALE =	CHECKED - KJB	REVISED -
	PLOT DATE = 19-AUG-2011 09:16	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINENANCE OF TRAFFIC
US ROUTE 34 – STAGE IA – CROSS SECTIONS

SCALE: | MOT | 37 OF 66 SHEETS | STA. 25+50.00 | TO STA. 27+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	125
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			



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

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

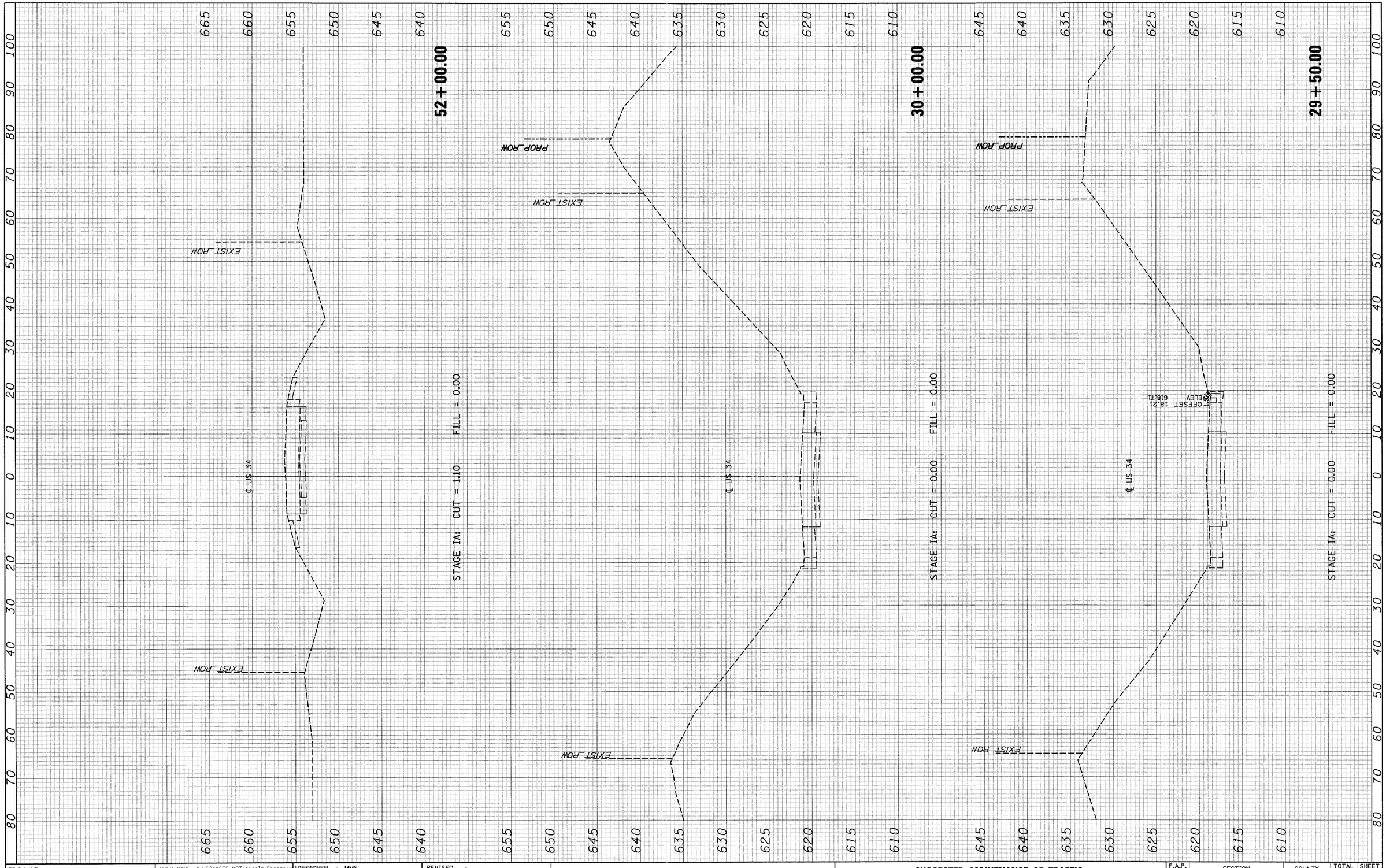
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		DRAWN - MMS	REVISED -
	PLOT SCALE =	CHECKED - KJB	REVISED -
	PLOT DATE = 19-AUG-2011 09:16	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINENANCE OF TRAFFIC
US ROUTE 34 – STAGE IA – CROSS SECTIONS

SCALE: | MOT 38 OF 66 SHEETS | STA. 27+50.00 TO STA. 29+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2,14R-1 & BR-1(1),15R-1	KENDALL	429	126
	FINAL SUBMITTAL	CONTRACT NO. 66985		
		ILLINOIS FED. AID PROJECT		



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

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

FILE NAME = @FILEL@	USER NAME = US34XSEC-MOTstageIA-Sheets--Al	DESIGNED - MMS / REVISED -
		DRAWN - MMS / REVISED -
	PLOT SCALE =	CHECKED - KJB / REVISED -
	PLOT DATE = 19-AUG-2011 09:16	DATE - 08-18-2011 / REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINENANCE OF TRAFFIC
US ROUTE 34 – STAGE IA – CROSS SECTIONS

SCALE: | MOT | 39 OF 66 SHEETS | STA. 29+50.00 | TO STA. 52+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	127
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

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

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

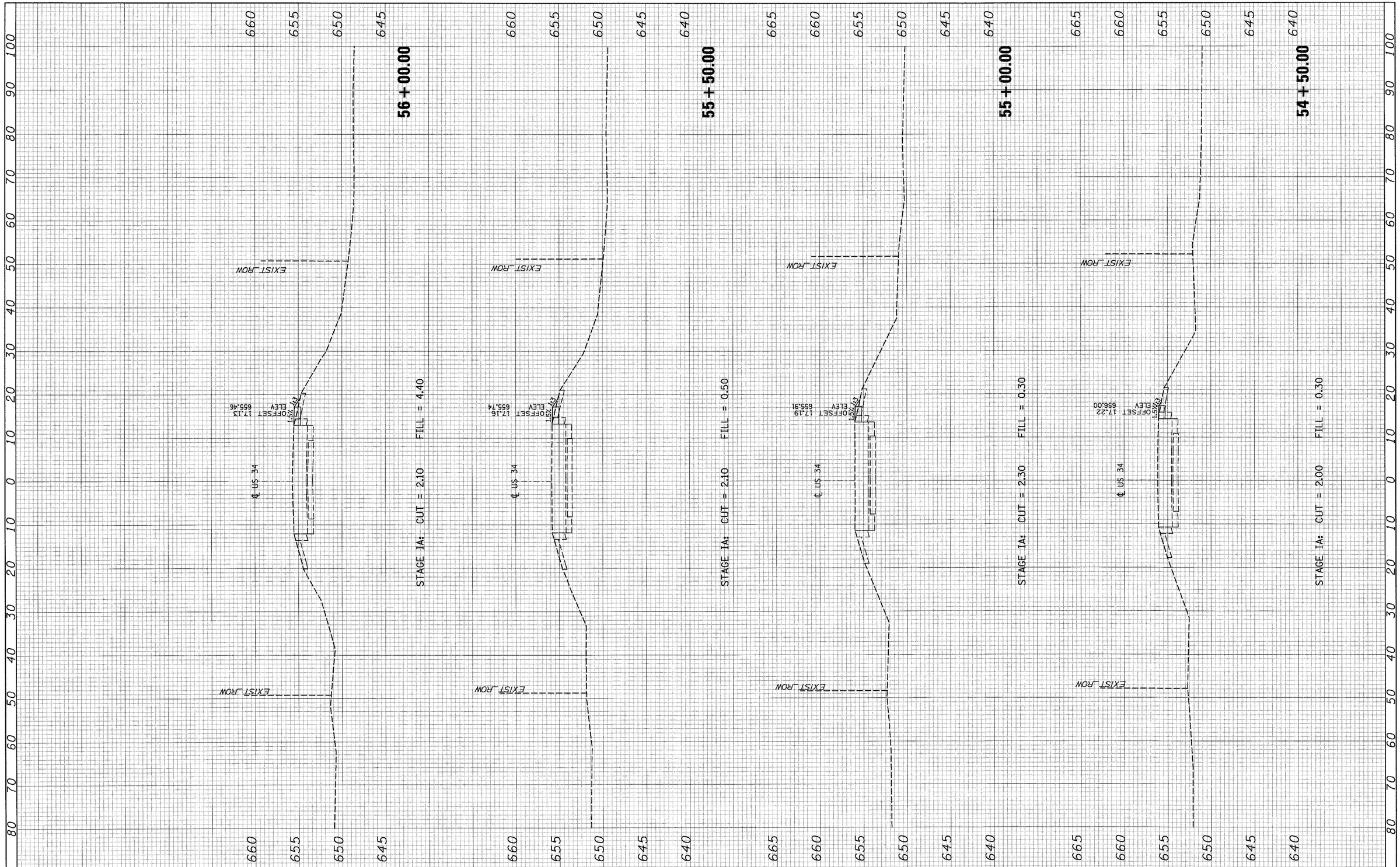
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		DRAWN - MMS	REVISED -
	PLOT SCALE =	CHECKED - KJB	REVISED -
	PLOT DATE = 19-AUG-2011 09:16	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINENANCE OF TRAFFIC
US ROUTE 34 – STAGE IA – CROSS SECTIONS

SCALE: | MOT | 40 OF 66 SHEETS | STA. 52+50.00 | TO STA. 54+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	128
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

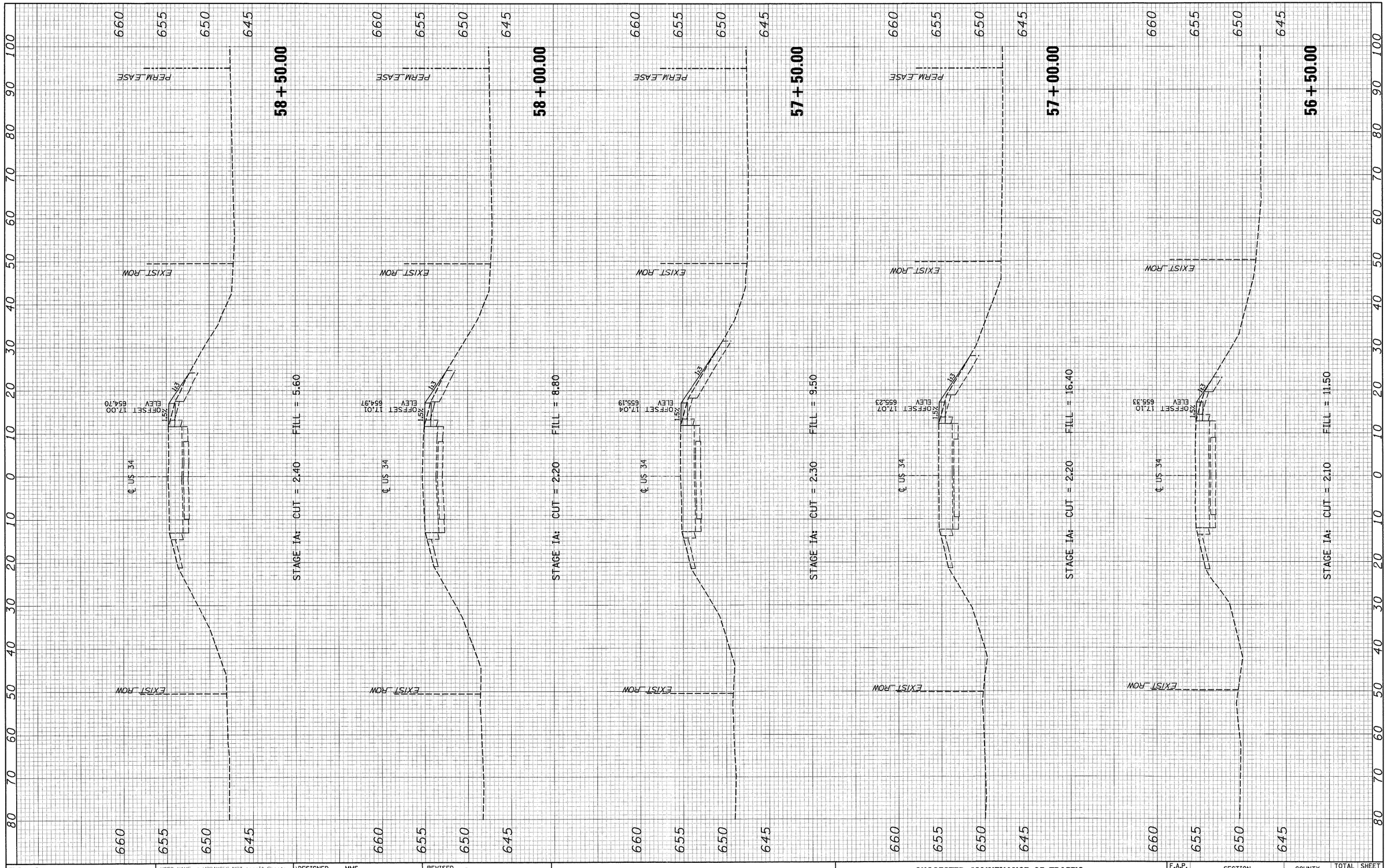


FILE NAME = $FILE1$	USER NAME = US34XSEC-MOTstageIA-Sheets-xpl	DESIGNED - MMS	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**SUGGESTED MAINENANCE OF TRAFFIC US ROUTE 34 – STAGE IA – CROSS SECTIONS**
		DRAWN - MMS	REVISED -		
	PLOT SCALE =	CHECKED - KJB	REVISED -		SCALE: MOT 41 OF 66 SHEETS STA. 54+50.00 TO STA. 56+00.00
	PLOT DATE = 19-AUG-2011 09:16	DATE - 08-18-2011	REVISED -		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	129
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

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

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



FINAL SURVEY — NOTE BOOK — NO.

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY — NOTE BOOK — NO.

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

FILE NAME = ¢FILEL¢	USER NAME = US34XSEC-MOTstageIA-Sheets--Al	DESIGNED - MMS
		DRAWN - MMS
	PLOT SCALE =	CHECKED - KJB
	PLOT DATE = 19-AUG-2011 09:16	DATE - 08-18-2011

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

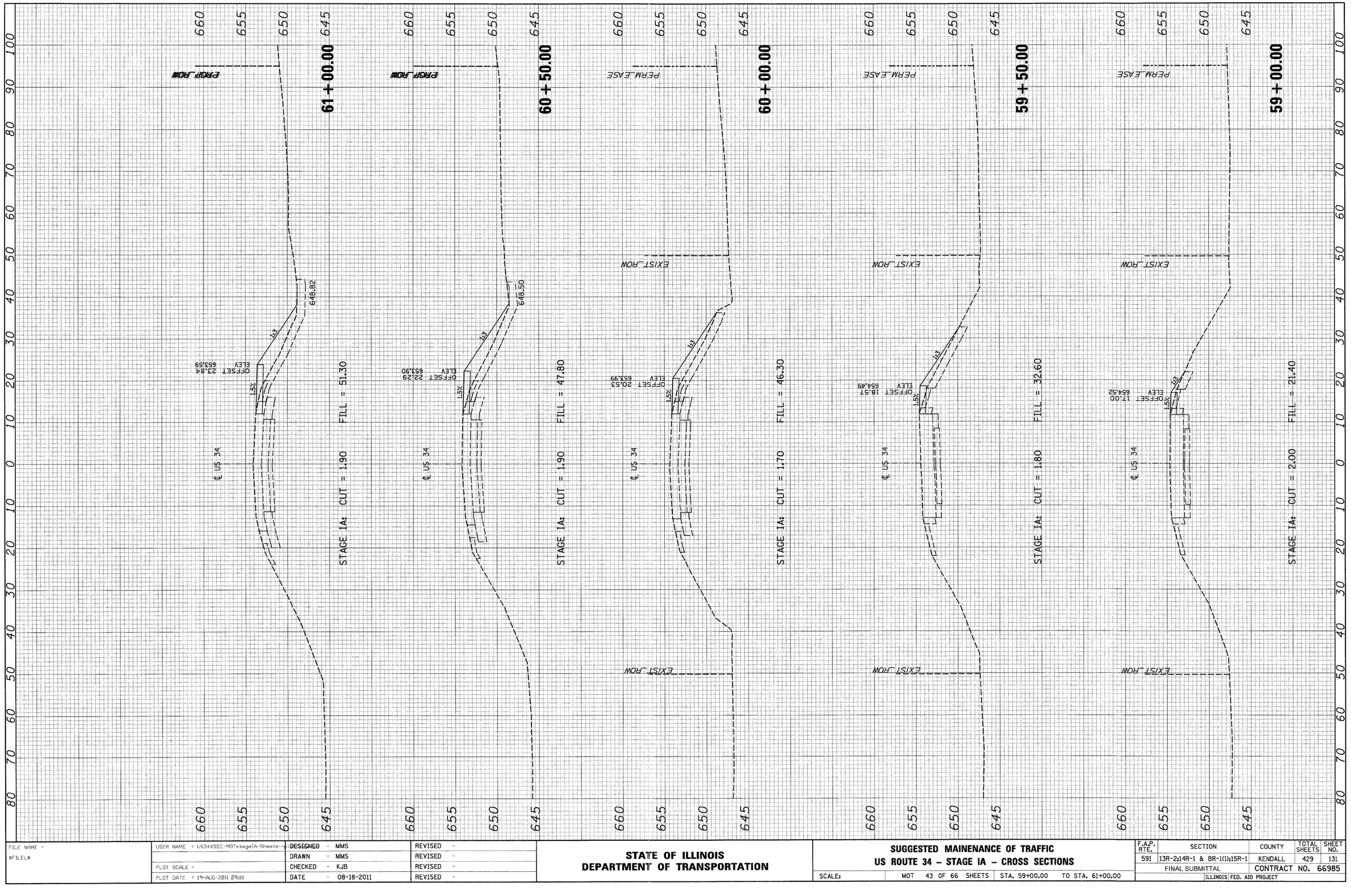
SUGGESTED MAINENANCE OF TRAFFIC
US ROUTE 34 – STAGE IA – CROSS SECTIONS

SCALE: | MOT | 42 OF 66 SHEETS | STA. 56+50.00 | TO STA. 58+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	130
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

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

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



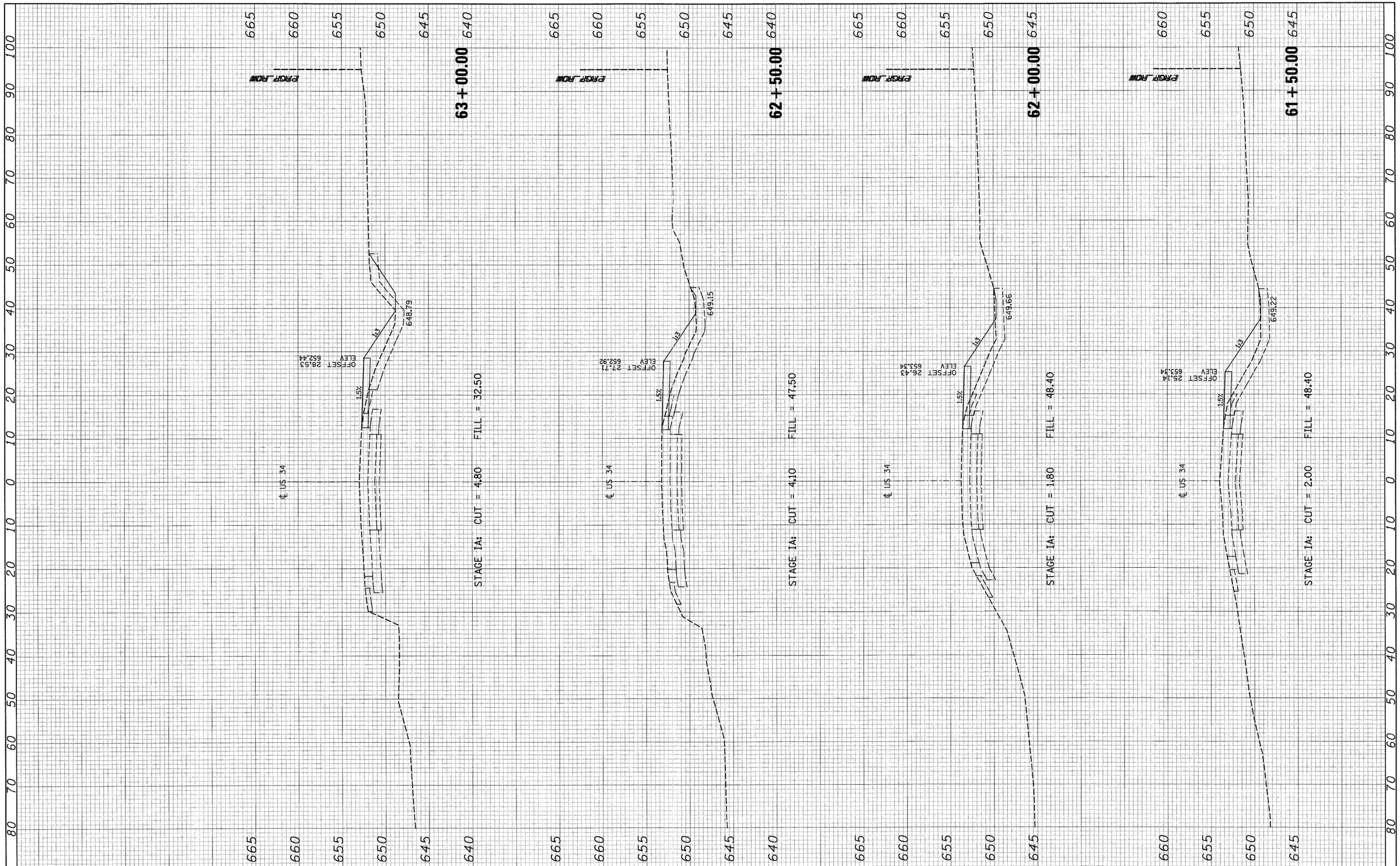
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		DRAWN - MMS	REVISED -
	PLOT SCALE =	CHECKED - KJB	REVISED -
	PLOT DATE = 19-AUG-2011 09:16	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINENANCE OF TRAFFIC
US ROUTE 34 – STAGE IA – CROSS SECTIONS

SCALE: | MOT | 43 OF 66 SHEETS | STA. 59+00.00 | TO STA. 61+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	131
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			



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	

FILE NAME = $FILEL$	USER NAME = US34XSEC-MOTstageIA-Sheets-...	DESIGNED - MMS
		DRAWN - MMS
	PLOT SCALE =	CHECKED - KJB
	PLOT DATE = 19-AUG-2011 09:16	DATE - 08-18-2011

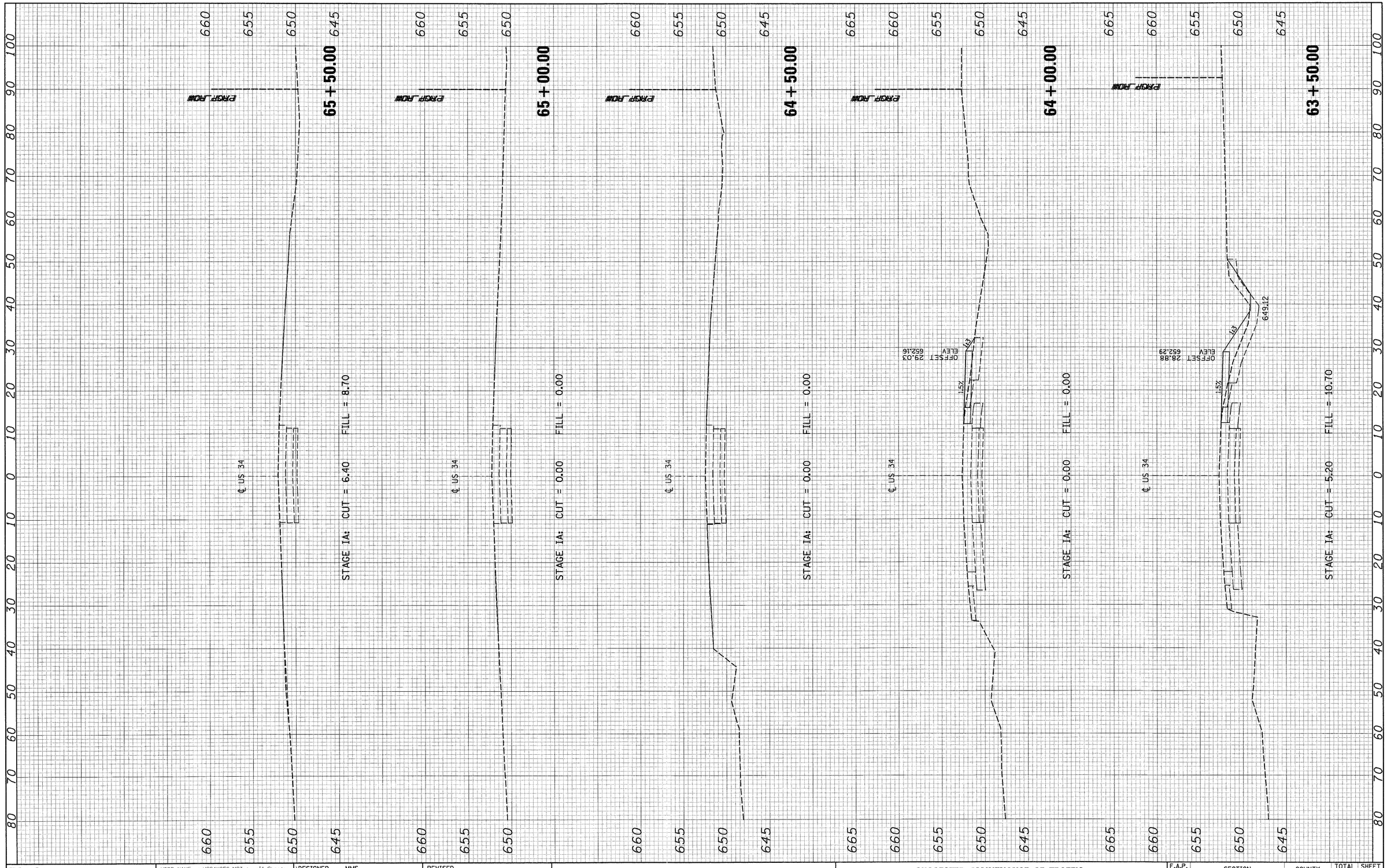
REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINENANCE OF TRAFFIC
US ROUTE 34 – STAGE IA – CROSS SECTIONS

SCALE: | MOT 44 OF 66 SHEETS | STA. 61+50.00 TO STA. 63+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	132
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			



FILE NAME = $FILEL$	USER NAME = US34XSEC-MOTstageIA-Sheets-...	DESIGNED - MMS	REVISED -
		DRAWN - MMS	REVISED -
	PLOT SCALE =	CHECKED - KJB	REVISED -
	PLOT DATE = 19-AUG-2011 09:17	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

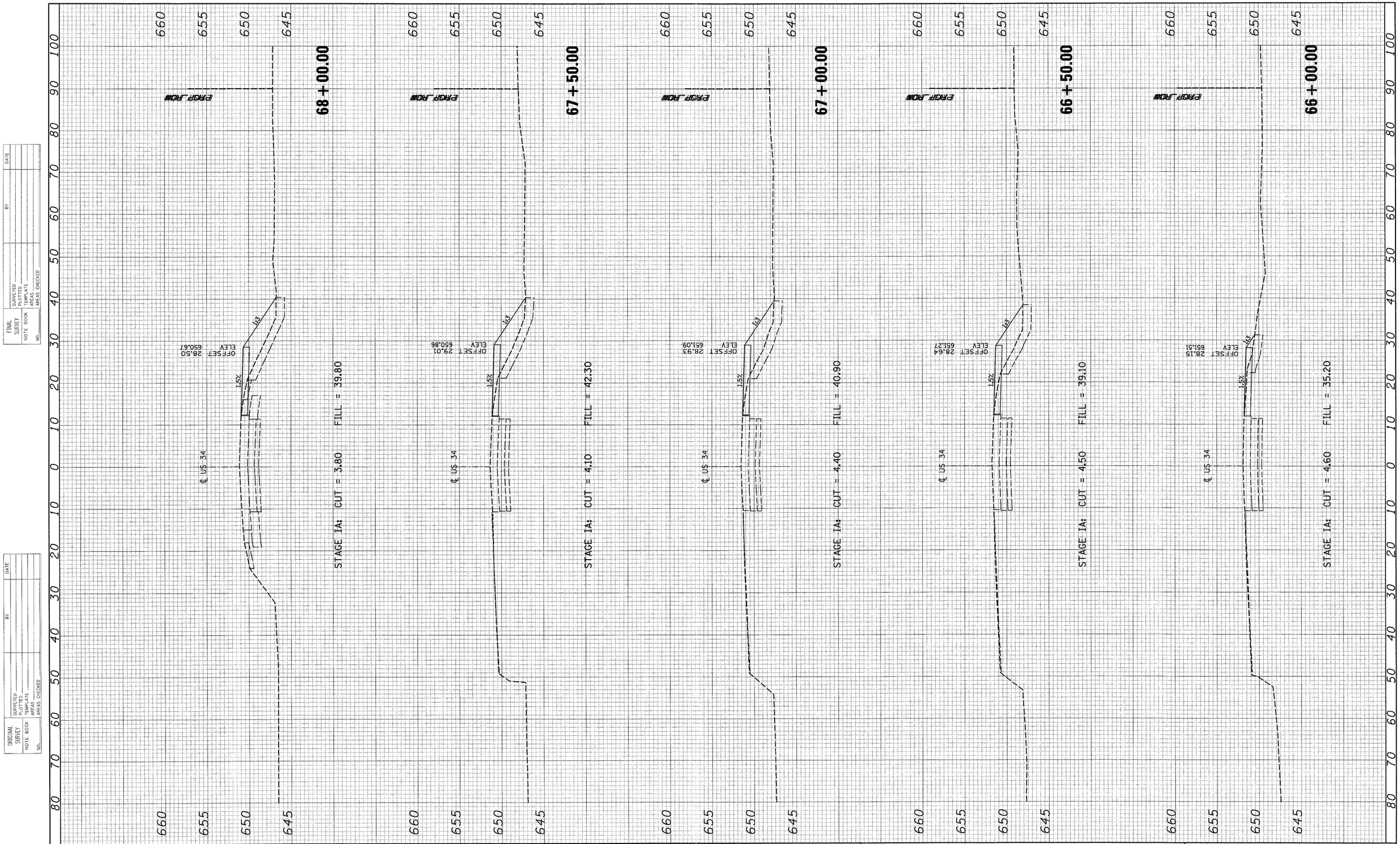
SUGGESTED MAINENANCE OF TRAFFIC
US ROUTE 34 – STAGE IA – CROSS SECTIONS

SCALE: | MOT 45 OF 66 SHEETS | STA. 63+50.00 TO STA. 65+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	133
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

FINAL SURVEY — SURVEYED, PLOTTED, TEMPLATE, AREAS CHECKED, NOTE BOOK, NO., BY, DATE, 8"

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



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

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

FILE NAME = $FILEL$	USER NAME = US34XSEC-MOTstageIA-Sheets-pl	DESIGNED - MMS	REVISED -
		DRAWN - MMS	REVISED -
	PLOT SCALE =	CHECKED - KJB	REVISED -
	PLOT DATE = 19-AUG-2011 09:17	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

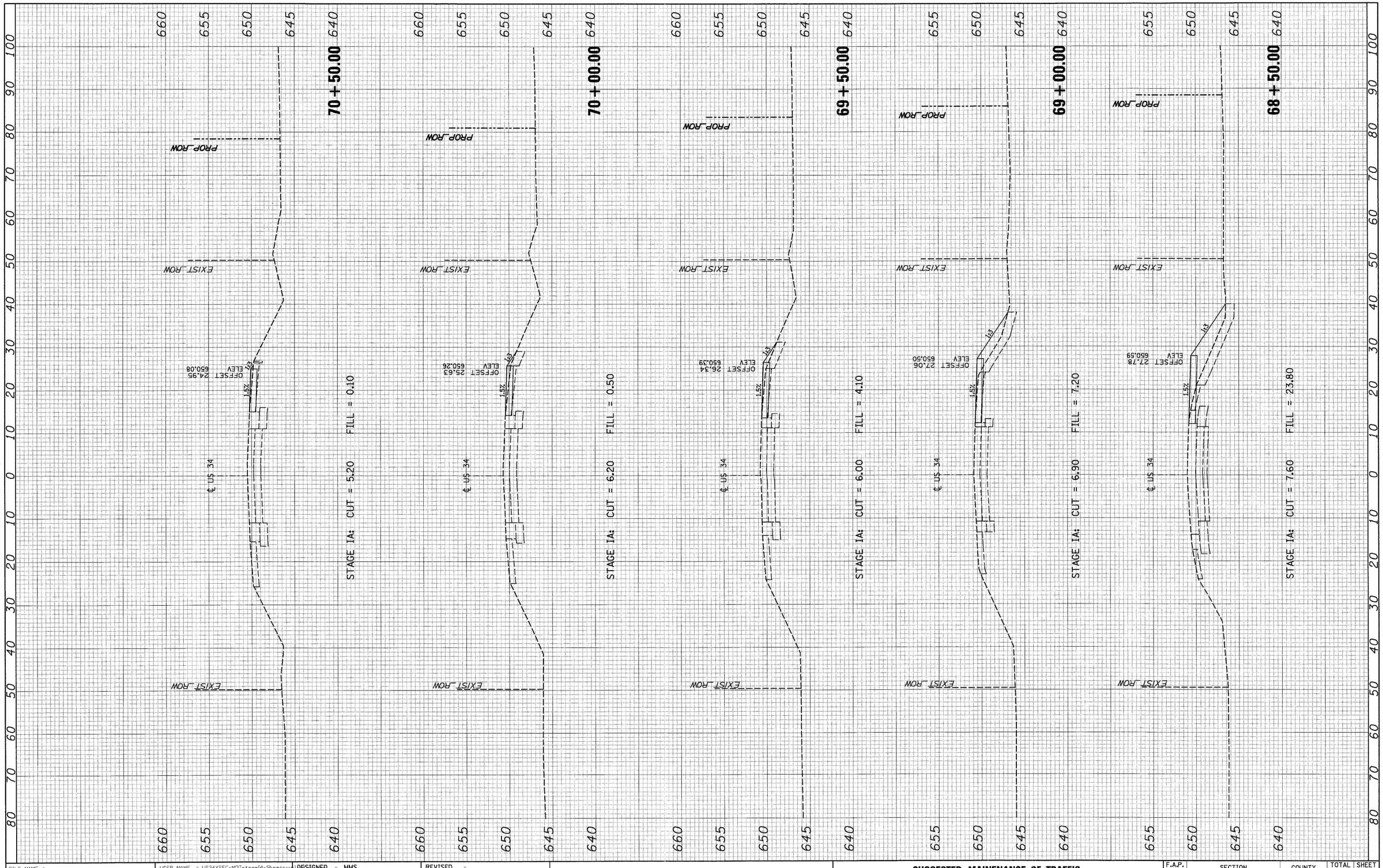
SUGGESTED MAINENANCE OF TRAFFIC
US ROUTE 34 – STAGE IA – CROSS SECTIONS

SCALE: | MOT 46 OF 66 SHEETS | STA. 66+00.00 TO STA. 68+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	134
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

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

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



FILE NAME = $FILEL$	USER NAME = US34XSEC-MOTstageIA-Sheets-ma	DESIGNED - MMS / REVISED -
		DRAWN - MMS / REVISED -
	PLOT SCALE =	CHECKED - KJB / REVISED -
	PLOT DATE = 19-AUG-2011 09:17	DATE - 08-18-2011 / REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINENANCE OF TRAFFIC
US ROUTE 34 – STAGE IA – CROSS SECTIONS

SCALE: | MOT | 47 OF 66 SHEETS | STA. 68+50.00 | TO STA. 70+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	135
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

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

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

FILE NAME = sr1LE1$

USER NAME = USSTASEC-MDI\straight\Sheets\

PLOT SCALE =

PLOT DATE = 19-AUG-2011 07h17

DESIGNED	-	MMS
DRAWN	-	MMS
CHECKED	-	KJB
DATE	-	08-18-2011

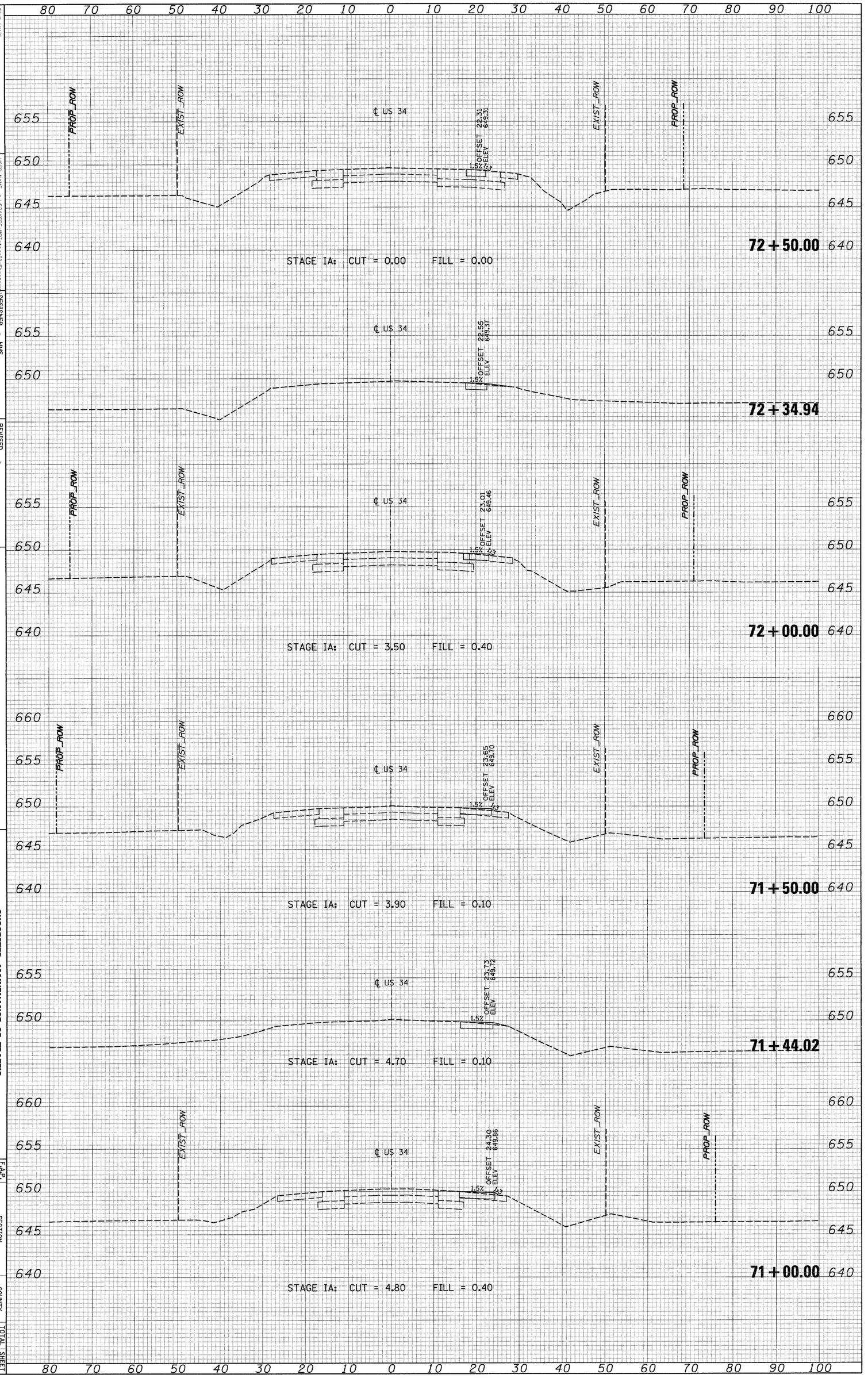
REVISED	-	
REVISED	-	
REVISED	-	
REVISED	-	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINENANCE OF TRAFFIC
US ROUTE 34 – STAGE IA – CROSS SECTIONS

SCALE:

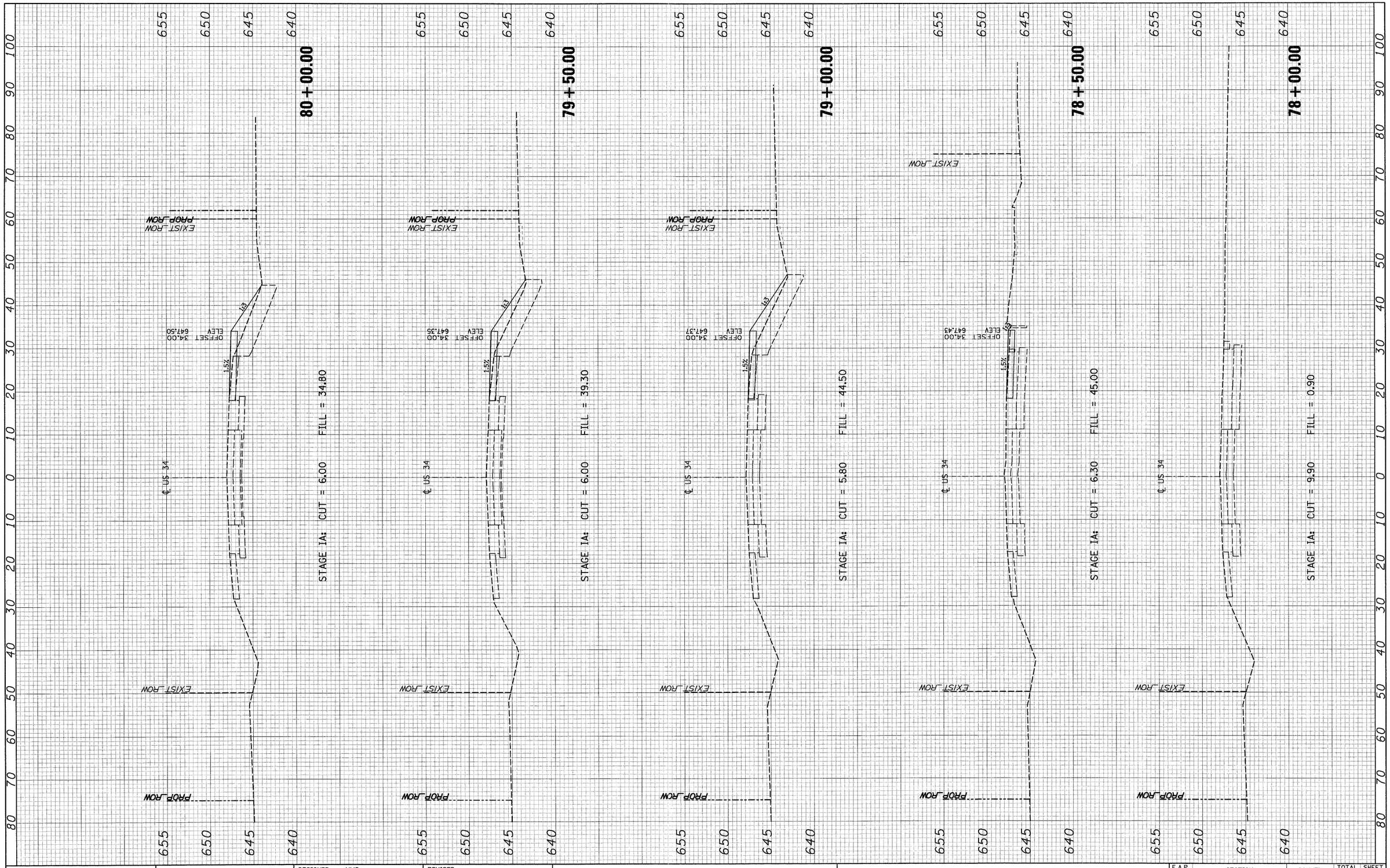
MDT 48 OF 66 SHEETS STA. 71+00.00 TO STA. 72+50.00



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2&4R-1 & BR-1(h)5R-1	KENDALL	429	136
FINAL SUBMITTAL		CONTRACT NO. 66985		
ILLINOIS FED. AID PROJECT				

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

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



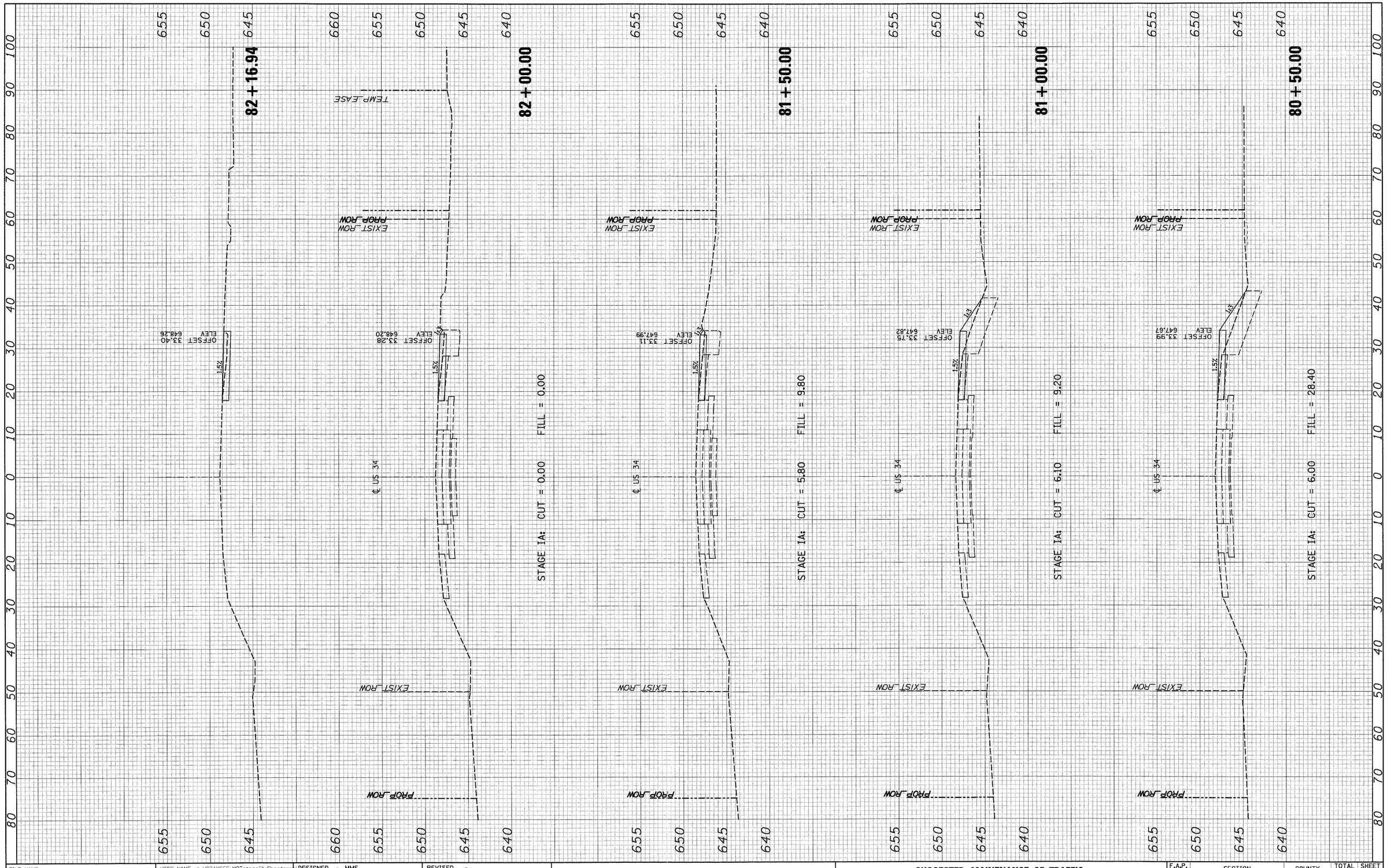
FILE NAME =	USER NAME = US34XSEC-MOTstageIA-Sheets-ai	DESIGNED - MMS	REVISED -
$FILEL$		DRAWN - MMS	REVISED -
	PLOT SCALE =	CHECKED - KJB	REVISED -
	PLOT DATE = 19-AUG-2011 09:17	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINENANCE OF TRAFFIC
US ROUTE 34 – STAGE IA – CROSS SECTIONS

SCALE: | MOT | 49 OF 66 SHEETS | STA. 78+00.00 | TO STA. 80+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2,14R-1 & BR-1(1),15R-1	KENDALL	429	137
	FINAL SUBMITTAL	CONTRACT NO. 66985		
		ILLINOIS FED. AID PROJECT		



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

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

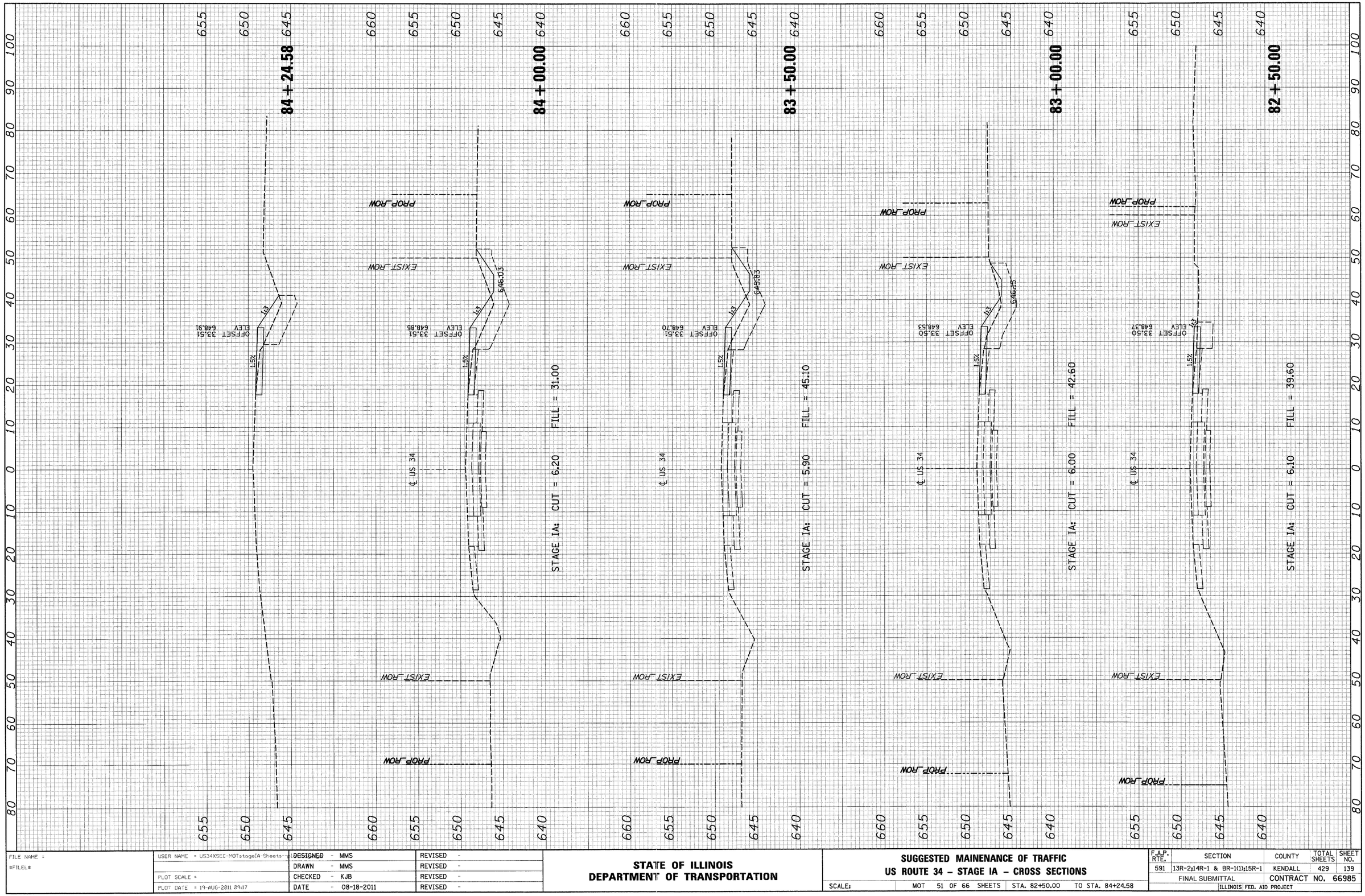
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	PLOT DATE = 19-AUG-2011 09:17	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINENANCE OF TRAFFIC
US ROUTE 34 – STAGE IA – CROSS SECTIONS

SCALE: | MOT | 50 OF 66 SHEETS | STA. 80+50.00 | TO STA. 82+16.94

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	138
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			



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

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

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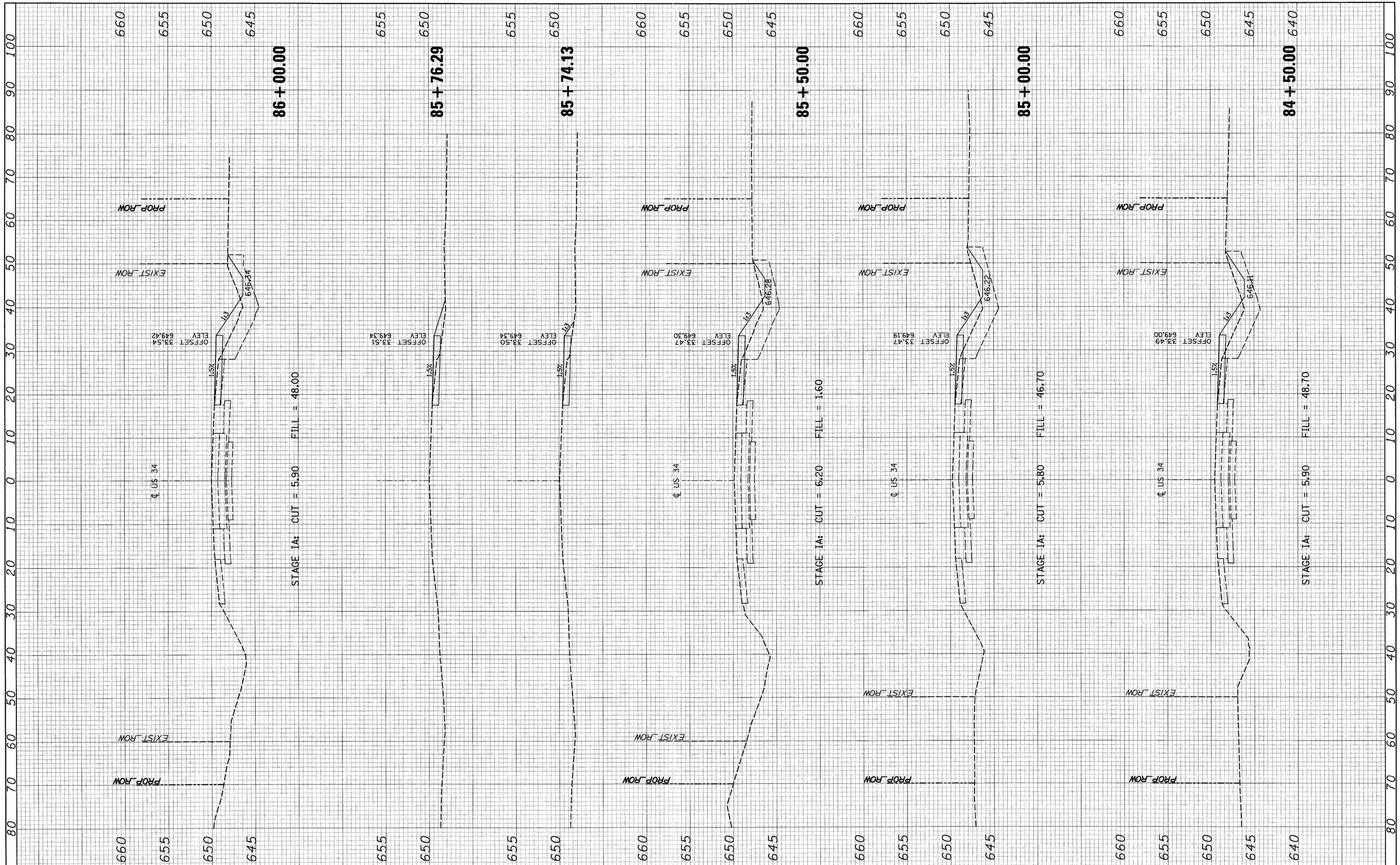
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINENANCE OF TRAFFIC
US ROUTE 34 – STAGE IA – CROSS SECTIONS

SCALE: | MOT 51 OF 66 SHEETS | STA. 82+50.00 TO STA. 84+24.58

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	139
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			



FILE NAME = ©FILEL©	USER NAME = US34XSEC-MOTstageIA-Sheets-pw	DESIGNED - MMS	REVISED -
		DRAWN - MMS	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

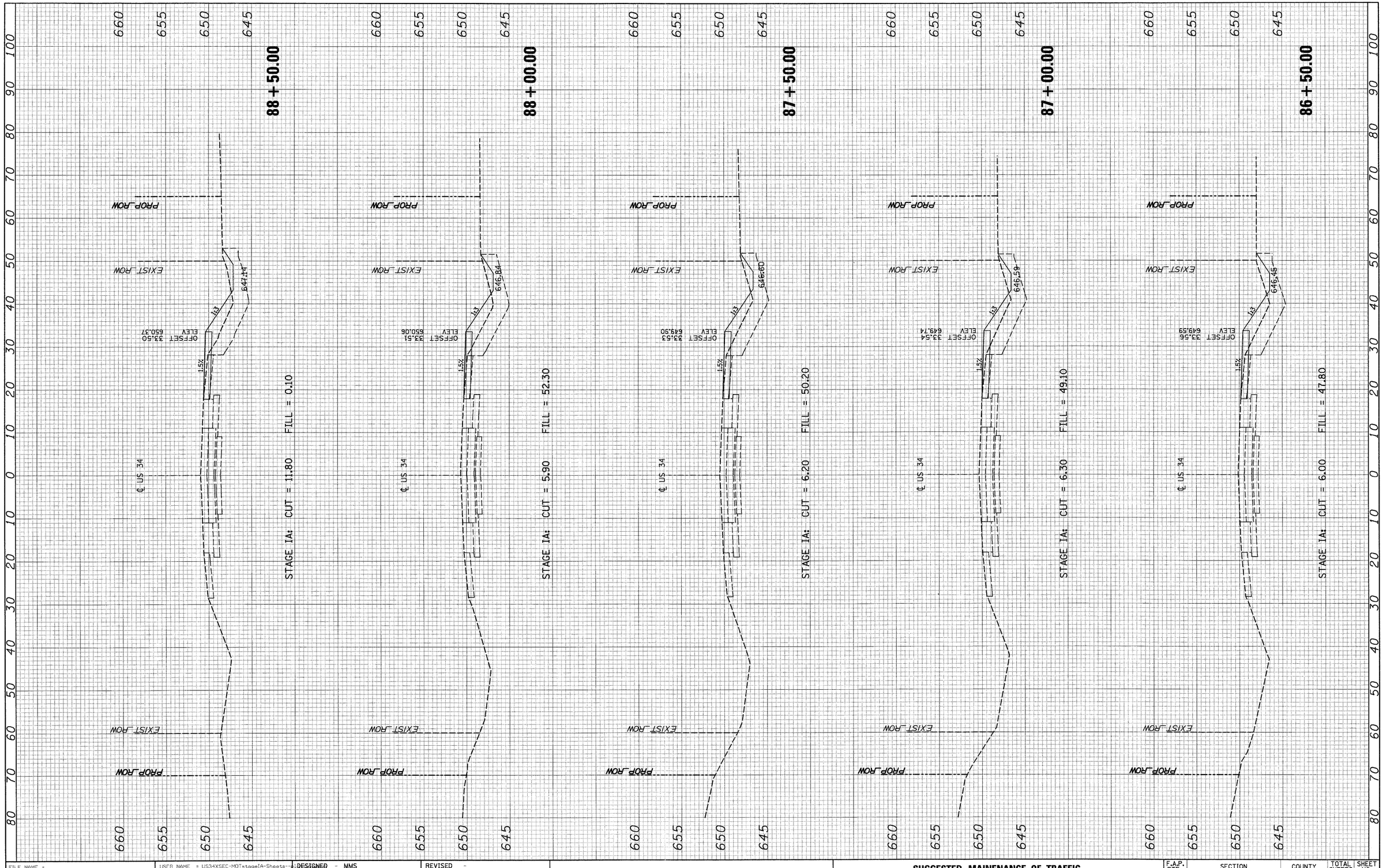
SUGGESTED MAINENANCE OF TRAFFIC
US ROUTE 34 – STAGE IA – CROSS SECTIONS

SCALE: | MOT 52 OF 66 SHEETS | STA. 84+50.00 TO STA. 86+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	140
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

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

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



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

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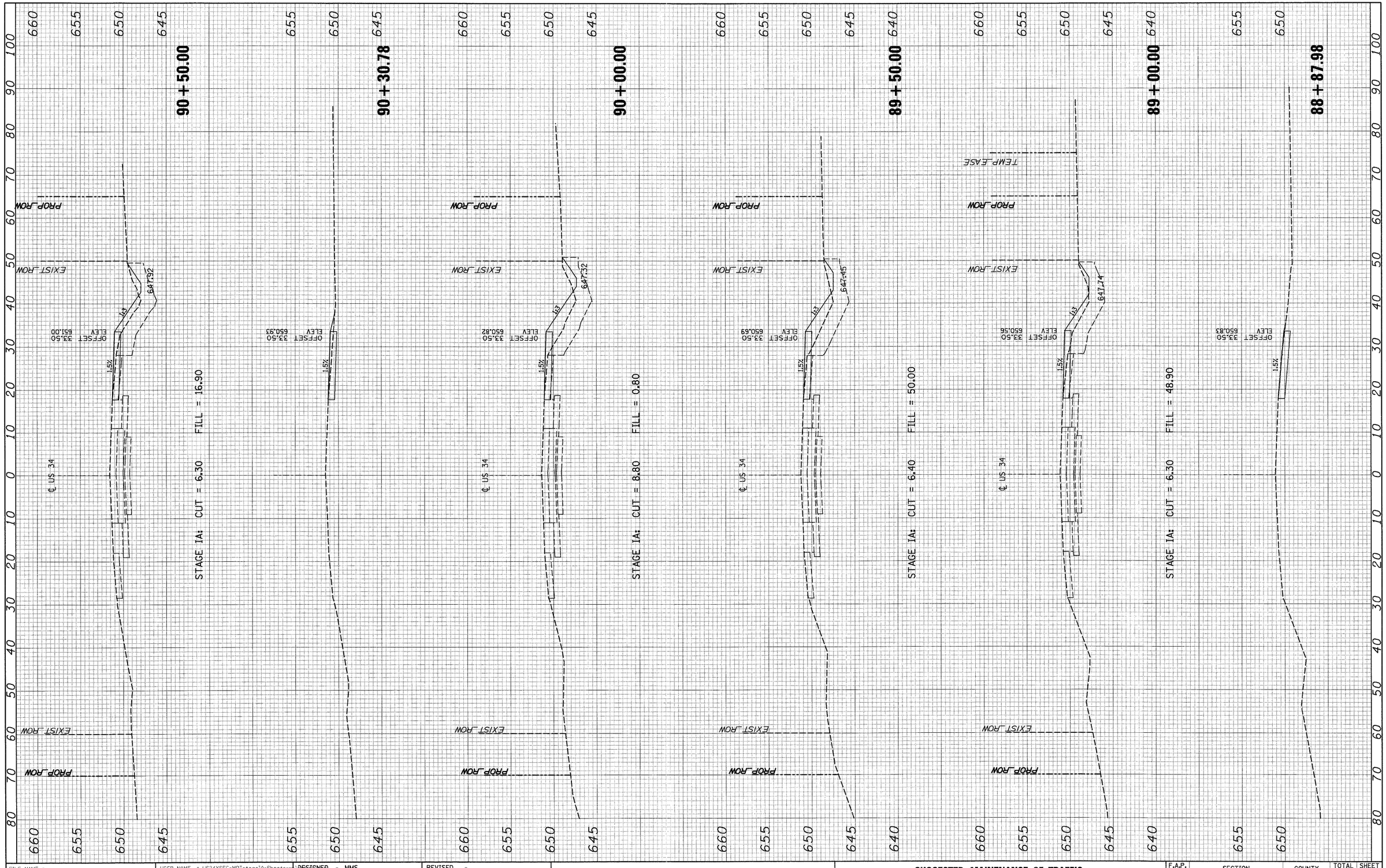
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	PLOT DATE = 19-AUG-2011 @9:17	DATE - 08-18-2011 / REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINENANCE OF TRAFFIC
US ROUTE 34 – STAGE IA – CROSS SECTIONS

SCALE: | MOT | 53 OF 66 SHEETS | STA. 86+50.00 | TO STA. 88+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	141
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			



FINAL SURVEY — NOTE BOOK — NO.

	BY	DATE
SURVEYED		
PLOTTED		
ISSUE DATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY — NOTE BOOK — NO.

	BY	DATE
SURVEYED		
PLOTTED		
TRAPLITE		
AREAS		
AREAS CHECKED		

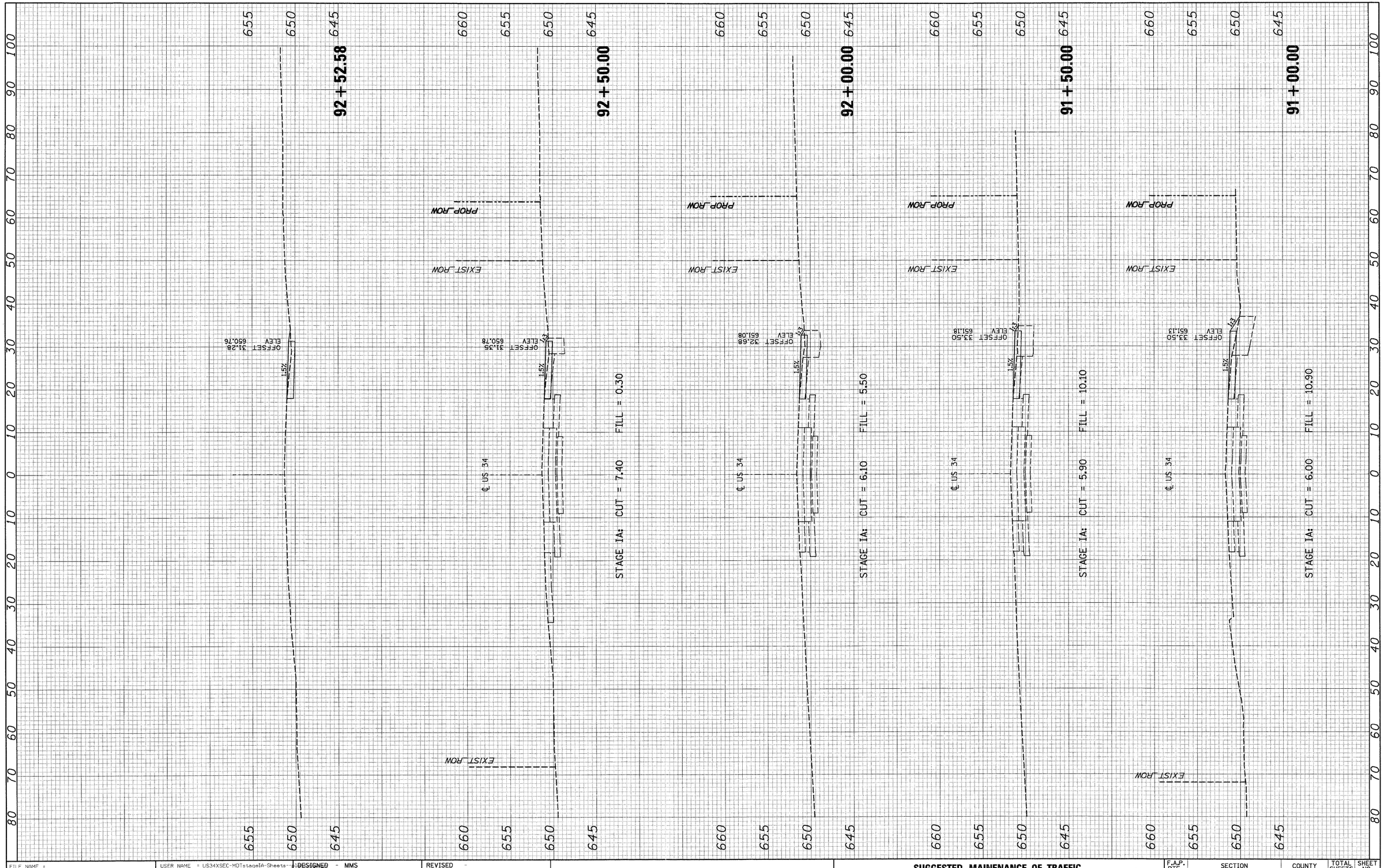
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	PLOT SCALE =	CHECKED - KJB	REVISED -
	PLOT DATE = 19-AUG-2011 09:17	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINENANCE OF TRAFFIC
US ROUTE 34 – STAGE IA – CROSS SECTIONS

SCALE: | MOT | 54 OF 66 SHEETS | STA. 88+87.98 | TO STA. 90+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	142
	FINAL SUBMITTAL	CONTRACT NO. 66985		
		ILLINOIS FED. AID PROJECT		



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

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

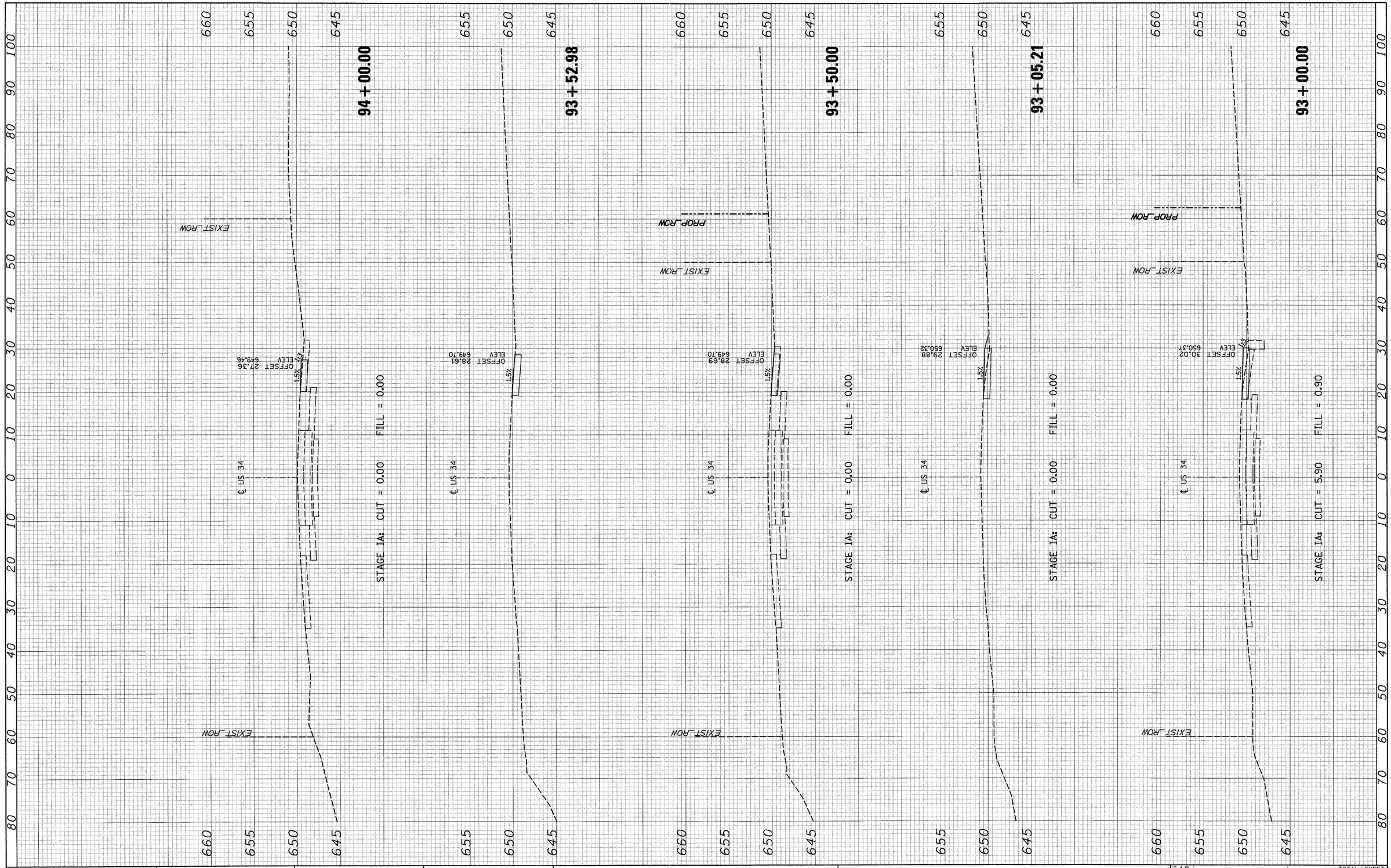
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	PLOT DATE = 19-AUG-2011 09:17	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINENANCE OF TRAFFIC
US ROUTE 34 – STAGE IA – CROSS SECTIONS

SCALE: | MOT 55 OF 66 SHEETS | STA. 91+00.00 TO STA. 92+52.58

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	143
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS	FED. AID PROJECT		



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

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

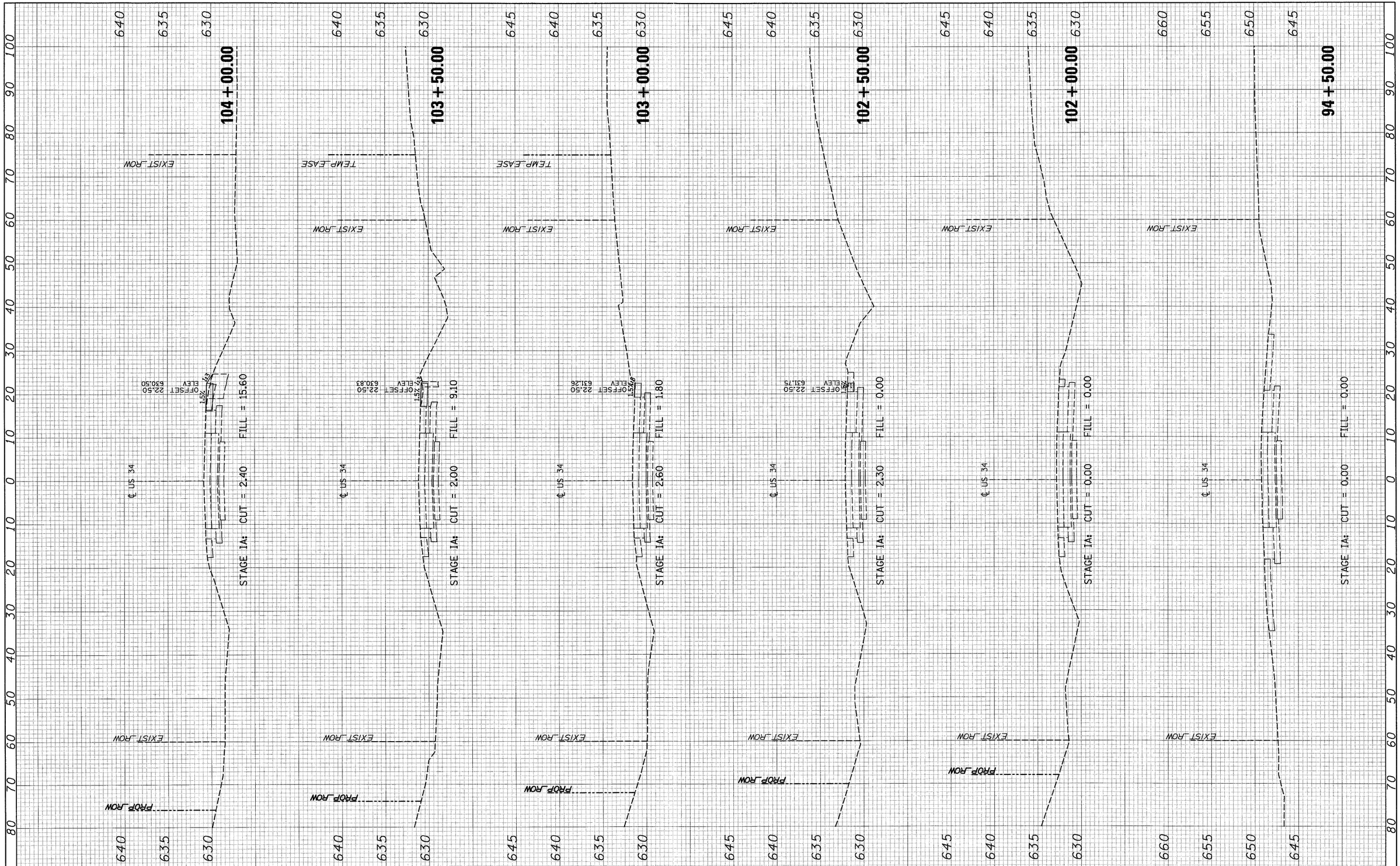
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	PLOT DATE = 19-AUG-2011 09:17	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINENANCE OF TRAFFIC
US ROUTE 34 – STAGE IA – CROSS SECTIONS

SCALE: | MOT 56 OF 66 SHEETS | STA. 93+00.00 TO STA. 94+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	144
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			



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

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

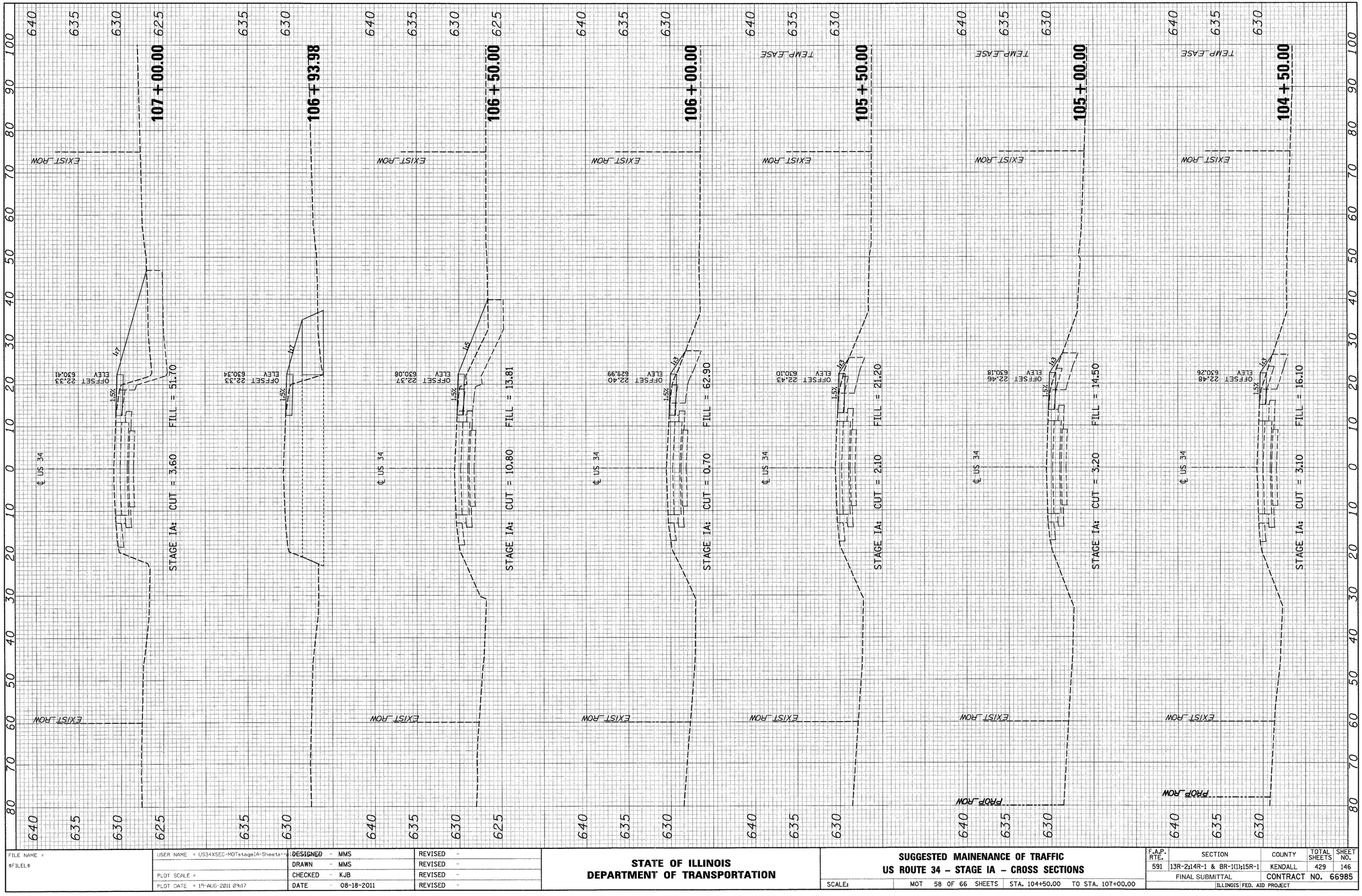
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	PLOT SCALE =	CHECKED - KJB	REVISED -
	PLOT DATE = 19-AUG-2011 09:17	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINENANCE OF TRAFFIC
US ROUTE 34 – STAGE IA – CROSS SECTIONS

SCALE: | MOT 57 OF 66 SHEETS | STA. 94+50.00 TO STA. 104+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	145
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			



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

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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

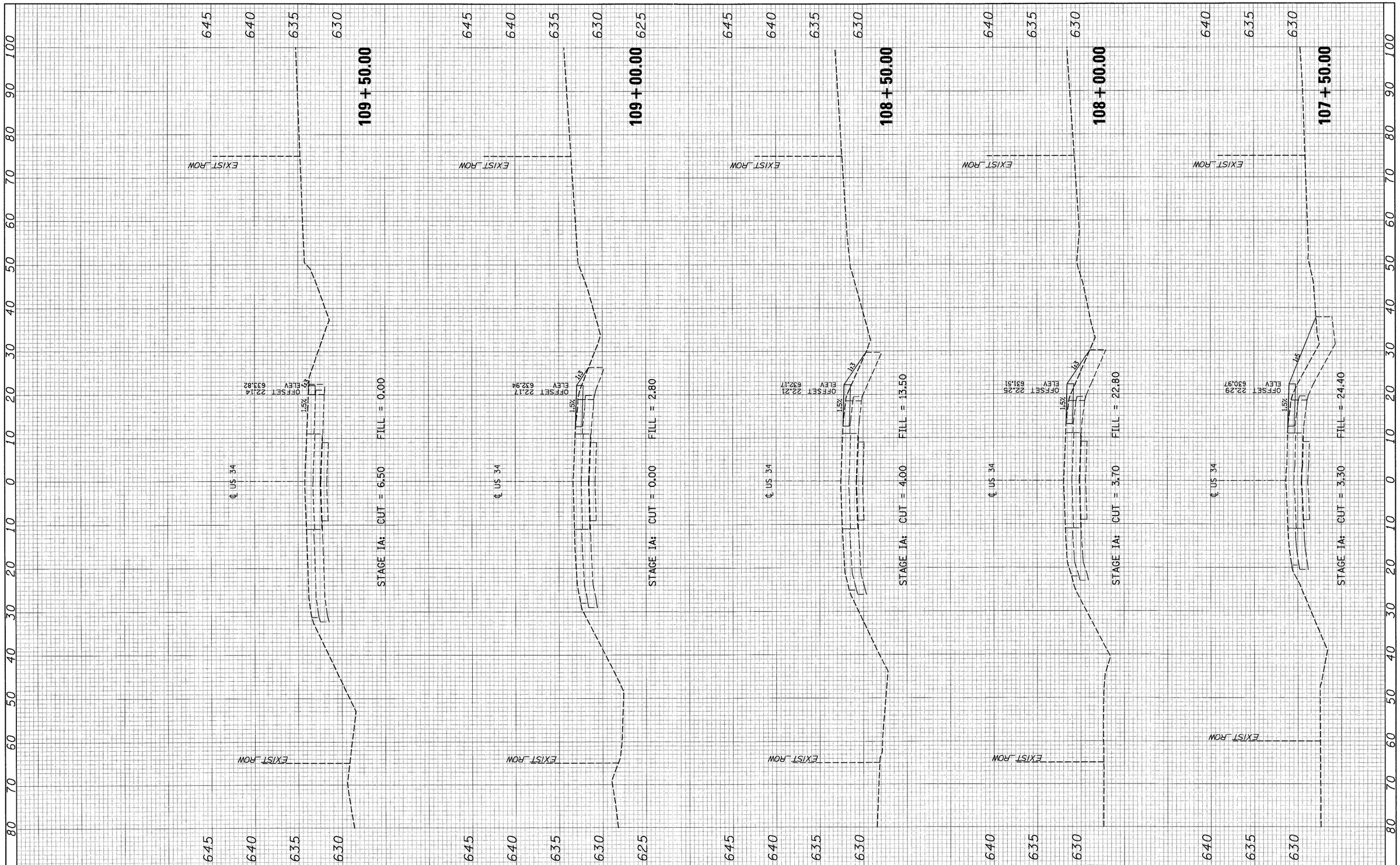
SUGGESTED MAINENANCE OF TRAFFIC
US ROUTE 34 – STAGE IA – CROSS SECTIONS

SCALE: | MOT 58 OF 66 SHEETS | STA. 104+50.00 TO STA. 107+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	146
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

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

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



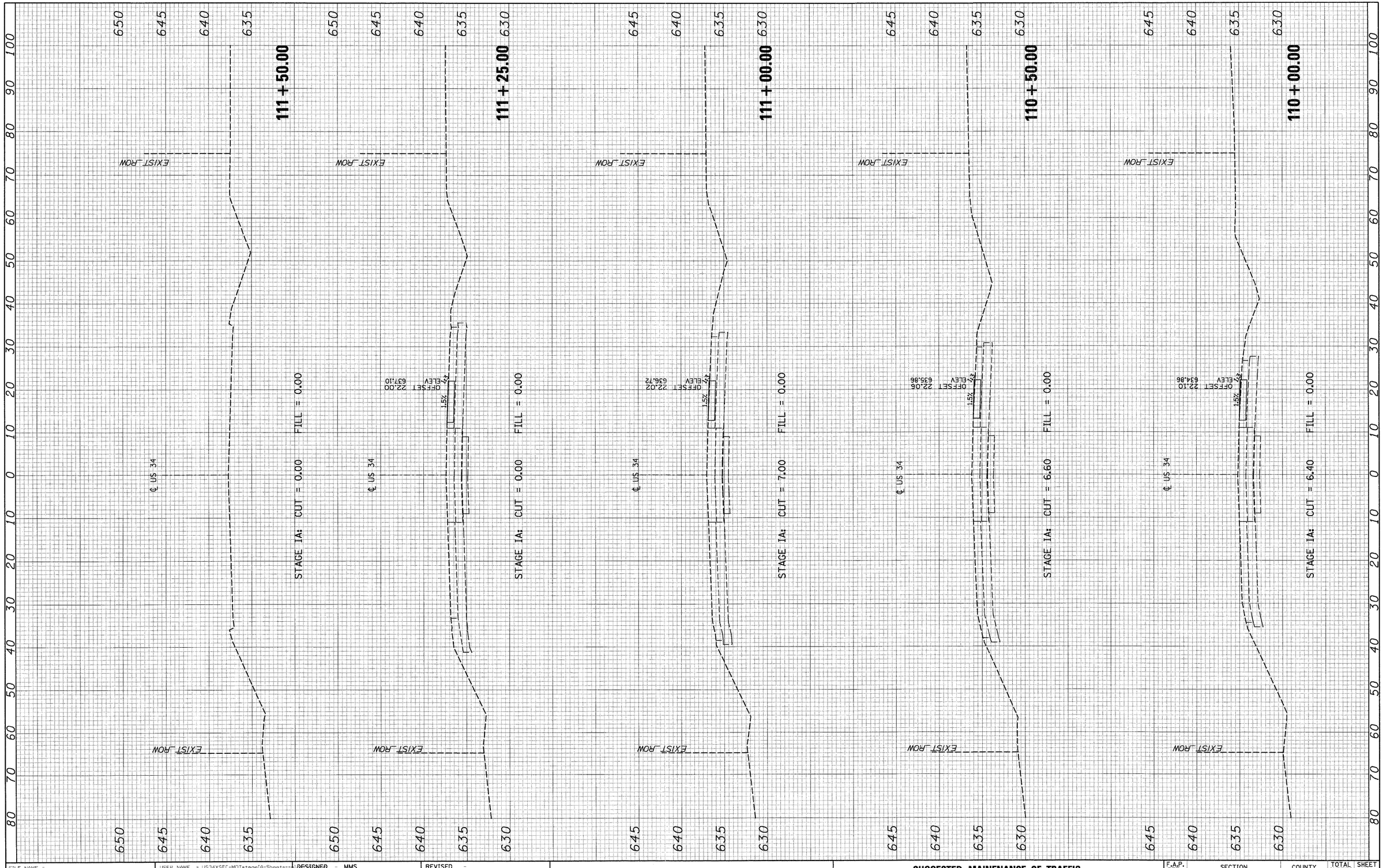
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	PLOT DATE = 19-AUG-2011 09:17	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINENANCE OF TRAFFIC
US ROUTE 34 – STAGE IA – CROSS SECTIONS

SCALE: | MOT 59 OF 66 SHEETS | STA. 107+50.00 TO STA. 109+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	147
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			



FINAL SURVEY — NOTE BOOK — NO.

	BY	DATE
SURVEYED		
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ORIGINAL SURVEY — NOTE BOOK — NO.

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AREAS		
AREAS CHECKED		

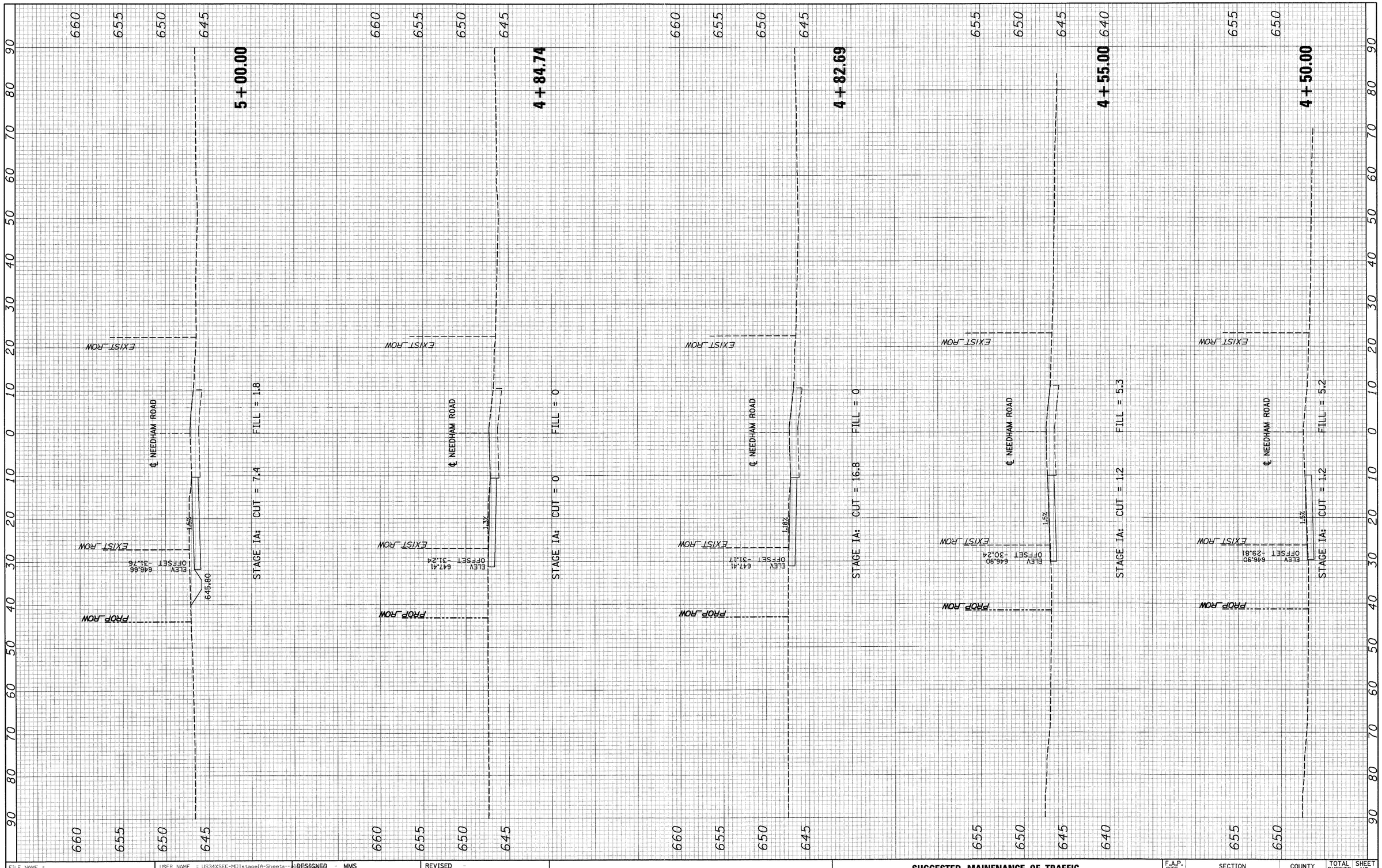
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	PLOT DATE = 19-AUG-2011 09:17	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINENANCE OF TRAFFIC
US ROUTE 34 – STAGE IA – CROSS SECTIONS

SCALE: | MOT | 60 OF 66 SHEETS | STA. 110+00.00 | TO STA. 111+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	148
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			



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

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

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PLOT DATE = 19-AUG-2011 09:17

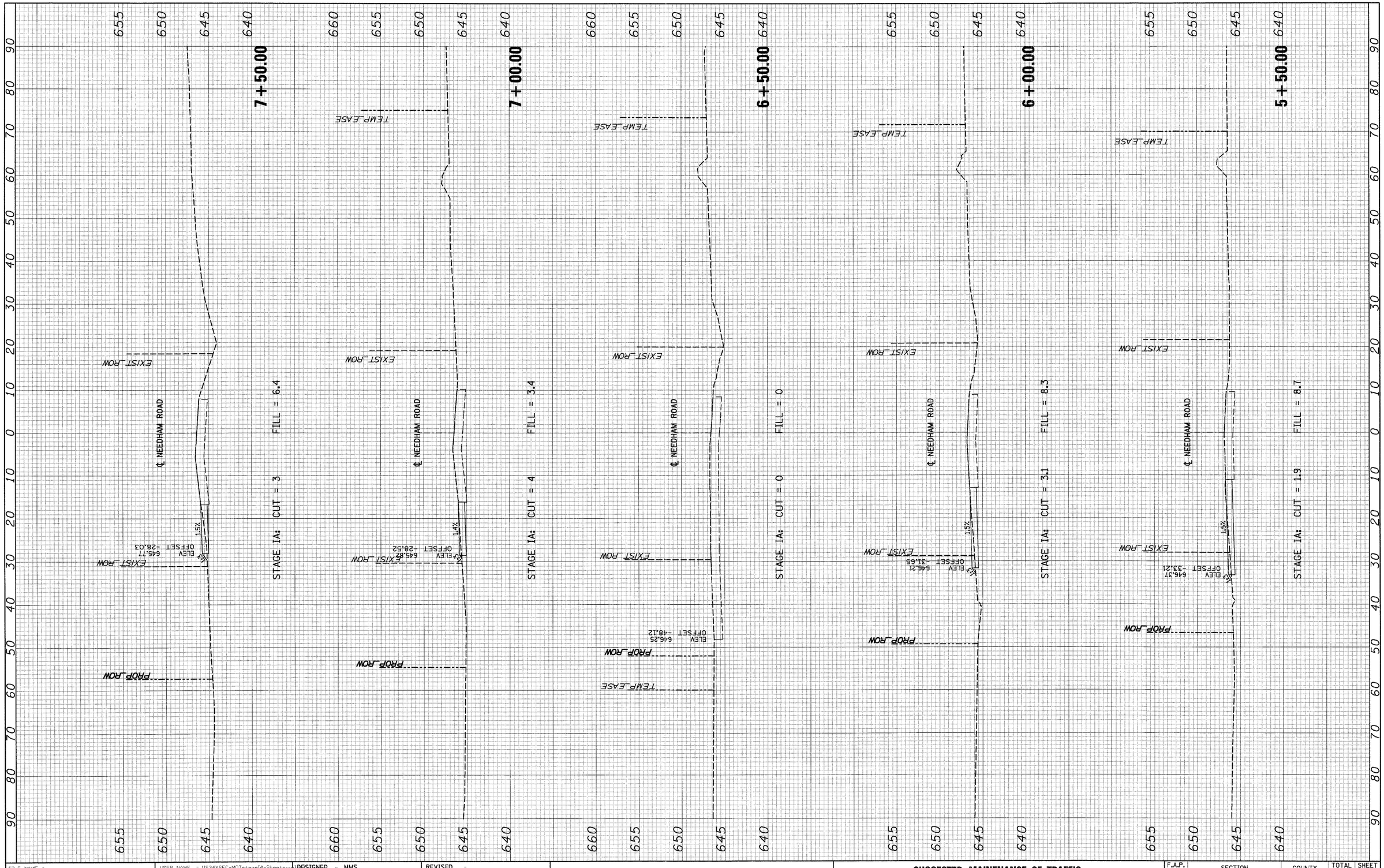
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DRAWN - MMS	REVISED -	
CHECKED - KJB	REVISED -	
DATE - 08-18-2011	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINENANCE OF TRAFFIC
NEEDHAM ROAD – STAGE IA – CROSS SECTIONS

SCALE: | MOT | 61 OF 66 SHEETS | STA. 4+50.00 | TO STA. 5+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	149
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			



FINAL SURVEY

NOTE BOOK	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED
NO.					

NO.	BY	DATE

ORIGINAL SURVEY

NOTE BOOK	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED
NO.					

NO.	BY	DATE

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		DRAWN - MMS
	PLOT SCALE =	CHECKED - KJB
	PLOT DATE = 19-AUG-2011 09:18	DATE - 08-18-2011

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REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

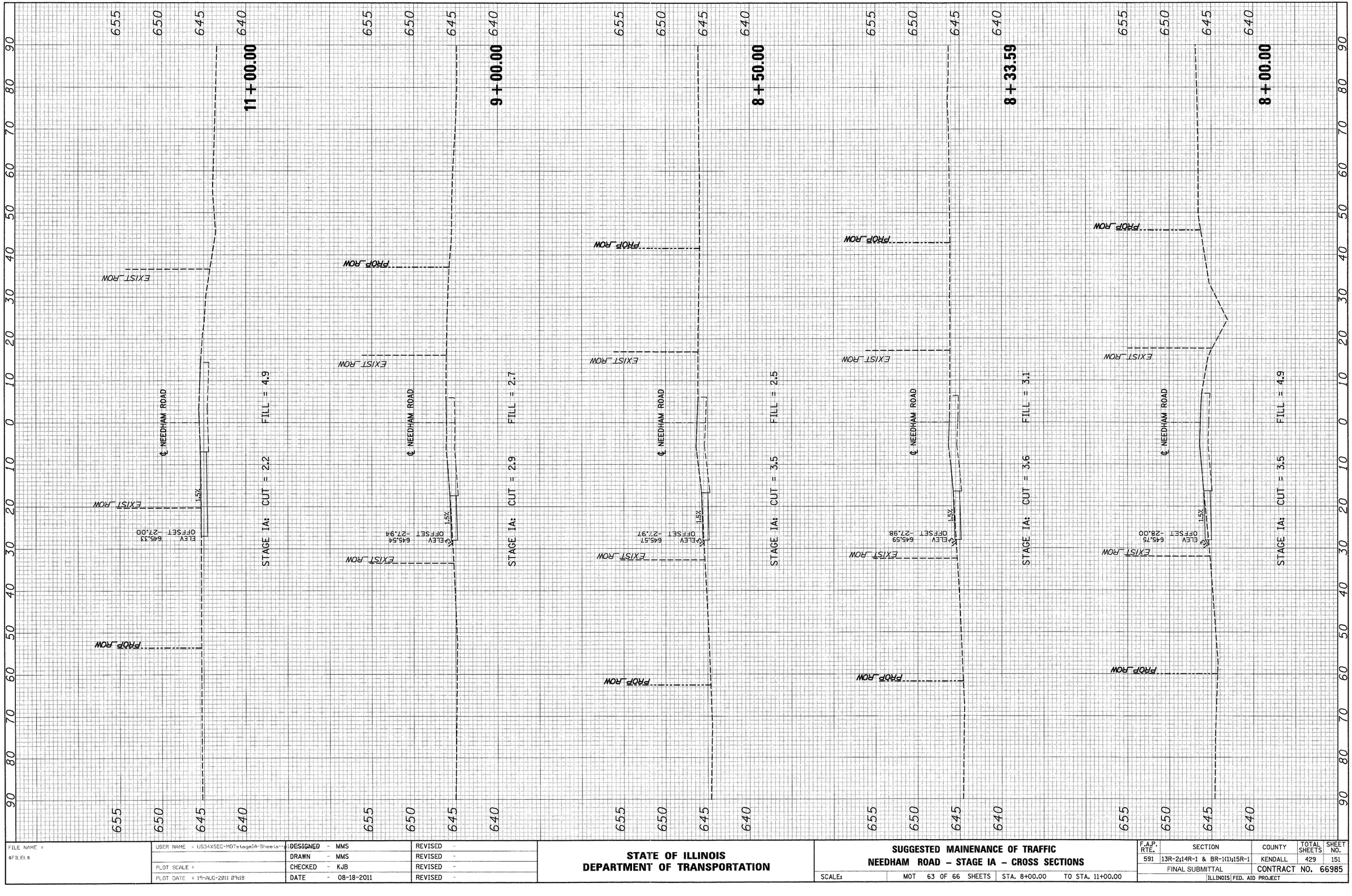
SUGGESTED MAINENANCE OF TRAFFIC
NEEDHAM ROAD – STAGE IA – CROSS SECTIONS

SCALE: | MOT | 62 OF 66 SHEETS | STA. 5+50.00 | TO STA. 7+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	150
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

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

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



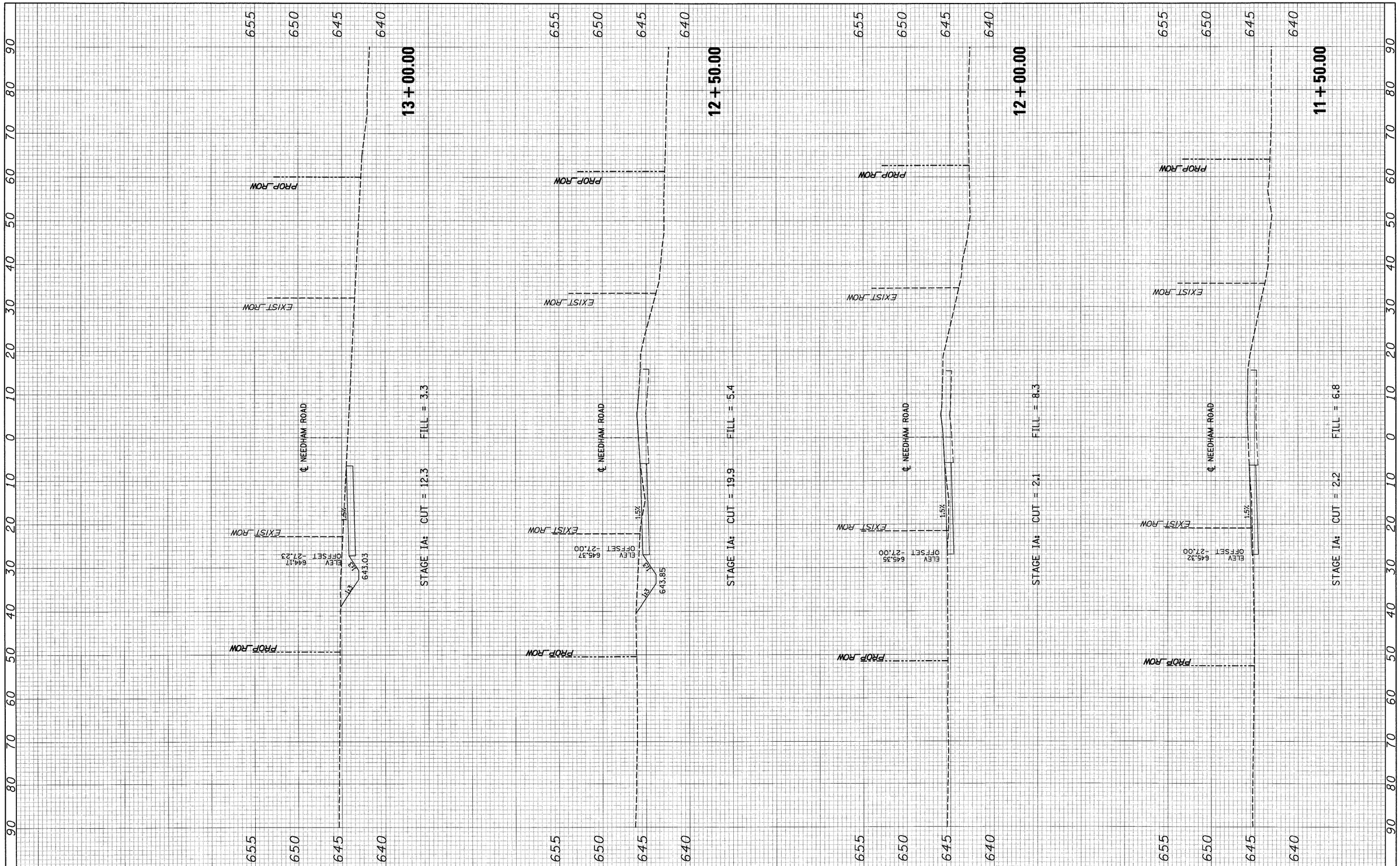
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINENANCE OF TRAFFIC
NEEDHAM ROAD – STAGE IA – CROSS SECTIONS

SCALE: | MOT | 63 OF 66 SHEETS | STA. 8+00.00 | TO STA. 11+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	151
	FINAL SUBMITTAL	CONTRACT NO. 66985		
		ILLINOIS FED. AID PROJECT		



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

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

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		DRAWN - MMS	REVISED -
	PLOT SCALE =	CHECKED - KJB	REVISED -
	PLOT DATE = 19-AUG-2011 09:18	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINENANCE OF TRAFFIC
NEEDHAM ROAD – STAGE IA – CROSS SECTIONS

SCALE: 64 66 STA. 11+50.00 TO STA. 13+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	152
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

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

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

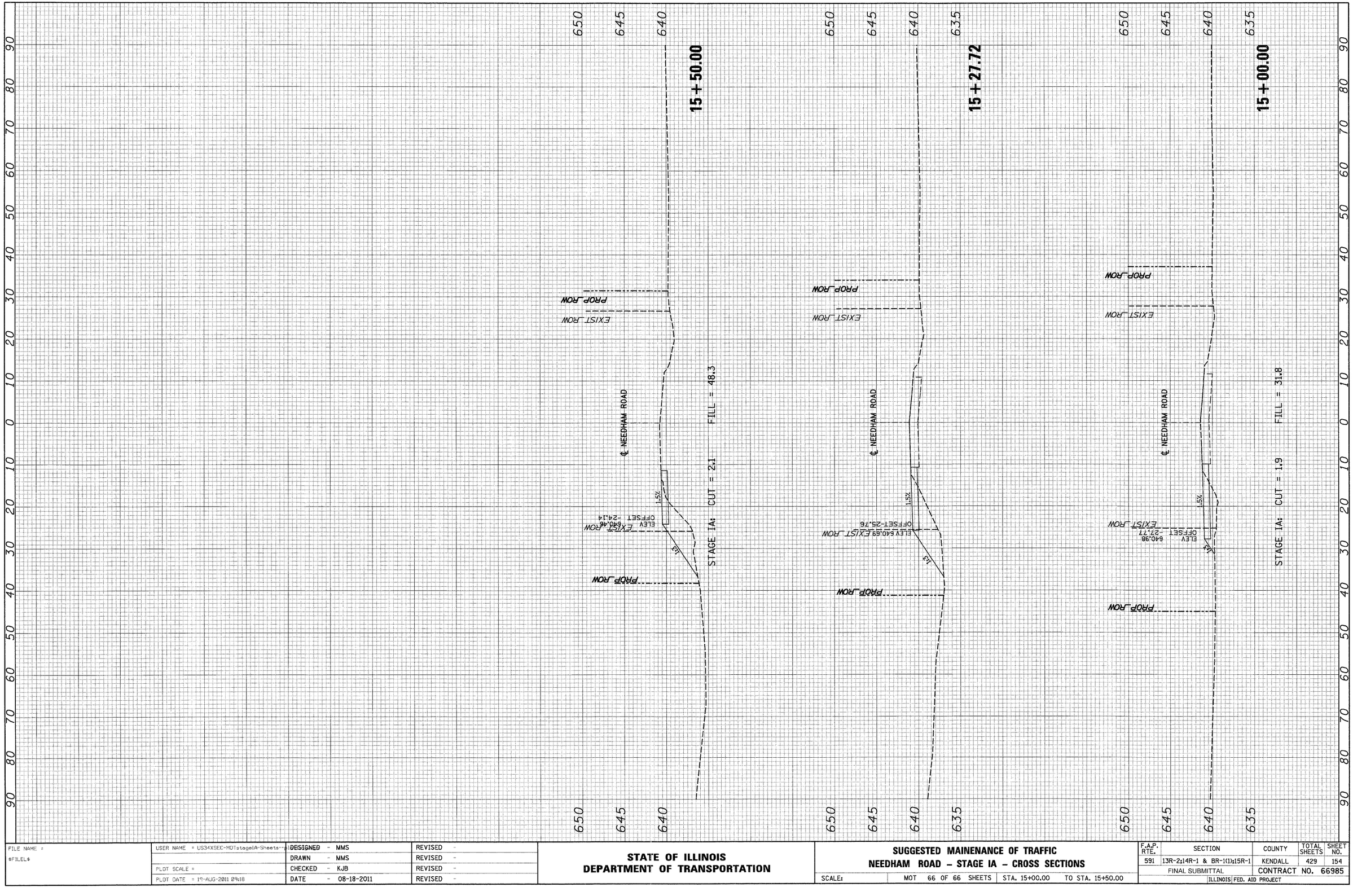
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	PLOT DATE = 19-AUG-2011 09:18	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINENANCE OF TRAFFIC
NEEDHAM ROAD – STAGE IA – CROSS SECTIONS

SCALE: | MOT 65 OF 66 SHEETS | STA. 13+50.00 TO STA. 14+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2,14R-1 & BR-1(1),15R-1	KENDALL	429	153
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			



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

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

FILE NAME = $FILEL$	USER NAME = US34XSEC-MOTstageIA-Sheets-pl	DESIGNED - MMS	REVISED -
		DRAWN - MMS	REVISED -
	PLOT SCALE =	CHECKED - KJB	REVISED -
	PLOT DATE = 19-AUG-2011 09:18	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINENANCE OF TRAFFIC
NEEDHAM ROAD – STAGE IA – CROSS SECTIONS

SCALE: | MOT | 66 OF 66 SHEETS | STA. 15+00.00 | TO STA. 15+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	154
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

STORM SEWER STRUCTURES SCHEDULE

STRUCTURE NUMBER	DRNG SHEET NO.	STATION	OFFSET	STRUCTURE TYPE					RIM ELEV.	FRAME	INVERT ELEVATIONS			
				MH	CB	INL	END	DIA. (FT)			N	S	E	W
1	1	7+18.61	20.10RT	EX MH				NA	646.55	1 CL	--	--	--	--
2	1	7+90.00	32.00RT			A		2	646.03	3	641.70	--	--	--
3	1	7+90.23	22.62RT	A-FS				5	646.32	1 CL	--	641.65	631.10	631.12
4	3	19+25.00	28.50LT	A-FS				6	606.62	1 CL	603.62	--	595.77	595.79
5	1	8+90.97	23.90RT	EX MH				NA	646.09	1 CL	640.90	640.90	630.84	630.84
7	1	9+75.00	32.00RT			A		2	645.48	3	--	641.35	--	--
8	1	10+99.81	44.50RT	A-FS				6	644.67	1 CL	639.66	--	620.88	620.90
9	1	10+21.80	21.20RT	EX MH				NA	645.35	1 CL	MATCH EX.	630.74	--	630.74
10	1	10+22.31	42.60RT	EX MH				NA	645.70	1 CL	630.58	--	621.16	640.89
11	1	11+00.00	32.00RT			A		2	643.86	3	--	640.20	--	--
12	2	12+70.00	29.20LT			A		2	640.73	3	--	635.10	--	--
13	2	12+70.00	29.20RT			B		3	639.65	3	634.55	634.55	--	--
14	2	12+70.08	43.20RT	EX MH				NA	639.89	1 CL	634.45	--	620.17	620.26
15	2	13+80.00	28.50LT			A		2	636.60	3	--	631.37	--	--
16	2	13+80.00	1.50LT			B		3	636.07	3	631.13	631.13	--	--
17	2	13+80.00	28.50RT			B		3	635.54	3	630.85	630.85	--	--
18	2	13+80.89	40.40RT	EX MH				NA	635.78	1 CL	630.78	--	619.76	619.78
19	2	16+08.00	28.50LT			A		2	625.70	3	--	621.00	--	--
20	2	16+08.00	1.50LT			B		3	625.17	3	620.75	620.75	--	--
21	2	16+08.00	28.50RT			B		3	624.64	3	620.48	620.48	--	--
22	2	16+08.36	36.20RT	EX MH				NA	624.99	1 CL	620.44	--	609.74	619.03
23	2	17+81.93	37.30RT	EX MH				NA	616.76	1 CL	--	--	608.28	608.74
24	5	31+00.00	68.60RT				PRCFES	1.5	--	GRATING	--	--	625.33	--
25	3	18+58.00	28.50LT			A		2	614.20	3	--	609.59	--	--
26	3	18+58.00	1.50LT			B		3	613.97	3	609.35	609.35	--	--
27	3	18+58.00	28.50RT			B		3	613.55	3	609.05	609.05	--	--
28	3	18+58.08	39.10RT	EX MH				NA	613.85	1 CL	608.98	596.72	--	608.12
29	3	18+73.25	60.60RT	EX MH				NA	608.11	1 CL	596.27	--	596.05	--
30	3	19+25.00	28.50LT			A		2	611.36	3	--	607.16	--	--
31	3	19+16.00	28.00RT		A			4	611.61	4	606.61	604.11	--	--
32	3	19+71.31	52.30RT	EX MH				--	604.92	1 CL	--	--	592.34	595.45
33	3	20+03.83	50.90RT				EX END	5	--	--	--	--	--	591.54
34	3	21+09.83	52.44LT				PRCFES	2	--	GRATING	--	--	595.05	--
35	4	25+46.75	92.21LT				PRCFES	2	--	GRATING	--	--	595.36	--
36	3	22+00.00	36.00LT	A				5	605.74	1 CL	--	599.42	597.50	595.50
37	3	22+00.00	28.50LT			B		3	605.93	3	599.46	599.55	--	--
38	3	22+00.00	28.50RT			A		2	605.93	3	600.09	--	--	--
39	4	22+55.00	29.19LT			A		2	605.66	3	--	--	601.48	--
40	4	22+63.83	29.38RT			A		2	605.64	3	--	--	601.42	--
41	4	22+78.88	38.20LT	A-FS				5	605.19	1 CL	--	600.36	599.60	597.87
42	4	22+78.88	29.72LT		A			4	605.63	3	600.40	600.50	601.30	601.30
43	4	22+78.88	29.72RT		A			4	605.63	3	601.05	--	601.30	601.30
44	4	22+93.88	30.05LT			B		3	605.63	3	--	--	601.42	601.42
45	4	22+93.88	30.05RT			B		3	605.63	3	--	--	601.42	601.42
46	5	33+75.00	68.68RT			A		2	635.29	8	--	--	--	629.87
47	4	23+15.00	30.50LT			A		2	605.67	3	--	--	--	601.61
48	4	23+15.00	30.50RT			A		2	605.67	3	--	--	--	601.61
49	4	23+80.00	39.05LT	A				5	605.61	1 CL	--	600.58	--	600.08
50	4	23+80.00	30.50LT			B		3	606.07	3	600.64	600.73	--	--
51	4	23+80.00	30.50RT			A		2	606.07	3	601.30	--	--	--
52	4	24+50.00	67.32LT				PRCFES	4	--	GRATING	--	--	594.68 SE	--
53	4	25+10.00	44.50LT	A-RES-FS				6	606.20	1 CL	595.02 NW	601.89	595.02	--
54	4	25+10.00	30.50LT			B		3	608.02	3	601.99	601.99	--	--
55	4	25+10.00	30.50RT			A		2	608.02	3	602.58	--	--	--
56	4	26+40.25	90.13LT				PRCFES	2	--	GRATING	--	--	--	596.20
57	4	27+50.00	44.50LT	A-FS				6	613.88	1 CL	--	609.30 SE	599.77	599.77
58	4	27+60.00	34.06LT			B		3	615.67	3	609.40	609.40	--	--
59	4	27+60.00	34.06RT			A		2	615.67	3	610.05	--	--	--
60	5	29+50.00	0.00LT			BOX A		--	--	--	--	616.48	--	--
61	5	29+50.00	44.71LT	DROP MH				6	622.39	1 CL	616.34	--	612.72 NE	601.13
62	5	30+10.00	53.65LT	A-FS				6	622.59	1 CL	--	618.11	613.00	613.00 SW
63	5	30+10.00	39.61LT			B		3	624.42	3	618.29	618.29 SW	--	--
64	5	30+00.00	0.00RT			B		3	625.11	4	--	618.66	618.66 NE	--
65	5	30+00.00	39.39RT			A		2	624.07	3	619.04 NW	--	--	--
66	5	32+60.00	56.74LT	DROP MH				6	631.54	1 CL	--	625.46	622.53	614.71
67	5	32+60.00	43.50LT			B		3	633.17	3	625.55	625.55	--	--
68	5	32+60.00	14.36RT			B		3	633.73	3	626.10	626.10	--	--
69	5	32+60.00	43.50RT			B		3	633.17	3	626.35	--	--	626.35
70	5	32+00.00	43.50RT			A		2	631.07	3	--	--	626.93	--
71	6	34+00.00	57.31LT	A-FS				6	636.16	1 CL	--	631.41	623.19	623.19
72	6	34+00.00	43.50LT		A			4	637.99	3	631.51	632.95 SE	--	--
73	6	34+50.00	3.53LT			B		3	640.03	3	633.56 NW	633.56	--	--
74	6	34+50.00	43.50RT			A		2	639.52	3	634.00	--	--	--
75	6	38+40.00	56.00RT	A-FS				5	646.50	1 CL	636.24	641.22	--	637.24 SW 641.66 NW

STORM SEWER STRUCTURES SCHEDULE

STRUCTURE NUMBER	DRNG SHEET NO.	STATION	OFFSET	STRUCTURE TYPE					RIM ELEV.	FRAME	INVERT ELEVATIONS			
				MH	CB	INL	END	DIA. (FT)			N	S	E	W
76	6	36+59.88	61.71LT	A-FS				6	640.95	1 CL	--	636.75	624.46	624.46
77	6	36+60.00	43.50LT		A			4	644.27	3	636.89	639.15	--	--
78	6	36+60.00	43.50RT		A			4	644.27	3	639.98	639.98 SE	--	--
79	6	36+98.73	60.50RT			A		2	644.53	3	640.38 NW	--	--	--
80	6	38+15.00	43.50RT			A		2	646.05	3	--	641.91 SE	--	--
81	6	38+40.00	67.50RT			BOX A		--	--	--	641.41	--	--	--
82	6	38+45.21	77.09LT				PRCFES	2	--	GRATING	--	--	--	640.50 SW
83	6	38+35.00	67.40LT	DROP MH				6	644.16	1 CL	640.41 NE	634.79 S 641.58 SE	626.31	625.31
84	4	26+00.00	44.50LT	DROP MH				6	607.99	1 CL	--	--	598.76	595.61
85	6	38+75.00	43.50LT			B		3	645.48	3	--	642.00 SW	--	642.00
86	6	38+50.00	8.50RT			A		2	646.91	3	642.54 NE	--	--	--
87	7	41+25.00	43.50LT			A		2	645.47	3	637.62	--	--	--
88	7	41+25.00	64.89LT	A-FS				6	640.90	1 CL	--	636.70	628.23	627.73
89	7	40+60.00	5.89RT			A		2	646.57	3	--	--	642.39	--
90	7	41+70.00	4.07LT			B		3	645.96	3	--	--	641.31	641.31
91	7	42+00.00	6.79LT			B		3	645.81	3	--	--	641.11	641.11
92	7	42+28.70	9.39LT			B		3	645.72	3	--	--	640.85	640.85
93	7	42+58.70	12.10LT			A		2	645.68	3	--	--	--	641.48
94	7	41+25.00	43.50RT			A		2	645.47	3	--	--	641.35	--
95	7	42+00.00	43.50RT			B		3	645.10	3	--	--	640.62	640.62
96	7	42+28.70	43.50RT			B		3	645.05	3	--	--	640.36	640.36
97	7	42+43.70	43.50RT		A			4	645.04	3	638.00	--	640.50	640.24
98	7	42+43.70	10.75LT		A			4	645.69	3	637.50	637.50 S 641.70 SW	641.37	640.73
99	7	42+43.70	43.50LT		A			4	645.04	3	637.23	637.23	641.24	640.76
100	7	42+43.70	60.31LT	A-FS				6	642.46	1 CL	--	637.10	628.80	628.80
101	7	42+58.70	43.50LT			A		2	645.05	3	--	--	--	641.36
102	7	43+00.00	43.50LT			A		2	645.14	3	--	--	639.50	--
103	7	43+50.00	59.04LT	A-FS				5	643.10	1 CL	--	638.90	628.81	629.31
104	7	43+50.00	43.50LT			B		3	645.37	3	639.02	--	--	639.02
105	7	43+50.00	43.50RT			A		2	645.37	3	--	--	641.23	--
106	7	44+85.00	58.50LT	A-FS				5	643.91	1 CL	--	639.02	630.46	630.46
107	7	44+85.00	43.50LT			B		3	646.04	3	639.07	639.07	--	--
108	7	44+85.00	43.50RT			B		3	646.04	3	639.91	--	639.91	639.91
109	8	46+20.00	57.97LT	A-FS				5	644.72	1 CL	--	640.52	631.11	631.11
110	8	46+20.00	43.50LT			A		2	646.72	3	640.64	--	--	--
111	8	46+20.00	43.50RT			A		2	646.72	3	--	--	--	641.23
112	8	47+55.00	57.43LT	A				5	645.53	1 CL	--	636.66	641.33	631.76
113	8	47+55.00	43.50LT			A		4	647.39	3	636.71	637.71	--	--
114	8	47+55.00	43.50RT			A		4	647.39	3	637.53	637.53	642.08	--
115	8	48+90.00	43.50LT			A		4	648.07	3	--	--	643.42	642.64 NW
116	8	48+90.00	43.50RT				B	3	648.07	3	--	--	643.40	643.40
117	8	50+00.00	43.50LT				A	2	648.62	3	--	--	--	644.49
118	8	50+00.00	43.50RT				A	2	648.62	3	--	--	--	644.48
119	8	51+00.00	51.50LT	A				4	648.45	1 CL	--	643.49	643.49	--
120	8	51+00.00	43.50LT			A		4	649.12	3	643.54	643.63	--	--
121	8	51+00.00	0.00RT				B	3	650.10	4	644.03	644.12	--	--
122	8	51+00.00	43.50RT				A	2	649.12	3	644.53	--	--	--
123	9	52+00.00	51.50LT	A				4	648.95	1 CL	--	--	642.07	643.04
124	8	52+00.00	43.50LT			A		4	649.62	3	644.05	--	--	--
125	8	52+00.00	43.50RT				A	2	649.62	3	--	--	645.94	--
126	9	53+00.00	51.50LT	A				5	649.49	1 CL	--	644.54	639.97	641.59
127	9	53+00.00	43.50LT			A		4	650.12	3	644.59	--	--	--
128	9	53+00.00	43.50RT			A		4	650.12	3	--	--	645.51 SE	645.51
129	9	53+50.00	50.30LT	A				5	650.37	1 CL	--	637.49	637.69	639.49
130	9	53+50.00	52.50RT	A-FS				5	650.74	1 CL	637.18	637.18	645.87 NE	644.67 NW
131	9	54+30.00	51.00LT	A-FS				5	650.22	1 CL	--	645.79	638.17	638.17
132	9	54+30.00	43.50LT			A		4	650.77	3	645.83	--	--	--
133	9	54+30.00	43.50RT			A		4	650.77	3	--	--	--	646.63 SW
134	9	55+65.00	53.10LT	A				5	650.37	1 CL	--	646.18	638.82	638.82
135	9	55+65.00	43.50LT			A		4	651.44	3	646.25	646.34	--	--
136	9	55+65.00	43.50RT			A		2	651.44	3	647.18	--	--	--
137	9	57+00.00	54.50LT	A-FS				5	650.70	1 CL	--	646.54	639.47	639.47
138	9	57+00.00	43.50LT			A		4	652.12	3	646.62	--	--	--
139	9	57+00.00	43.50RT				A	2	652.12	3	--	--	647.98	--
140	10	58+07.00	54.50LT	A-FS				5	651.27	1 CL	--	645.92	639.98	639.98
141	10	58+07.00	43.50LT			A		4	652.65	3	646.02	646.02	--	--
142	10	58+07.00	42.10RT				B	3	652.65	3	646.84	--	--	646.94
143	10	60+05.00	77.08RT				PRCFES	2	--	GRATING	646.79	--	--	--
144	10	60+05.00	71.68LT				PRCFES	2	--	GRATING	--	645.53	--	--
145	8	47+55.00	98.20RT				PRCFES	2	--	GRATING	637.81	--	--	--
146	10	60+60.00	54.60LT	A-FS				5	651.40	1 CL	--	647.09	641.73	641.23
147	10	60+60.00	43.50LT			A		4	652.85	3	647.17	647.31	--	--
148	10	60+60.00	38.50RT				B	3	652.85	3	648.09	--	648.18	--

PB Americas, Inc.
230 WEST MONROE STREET,
SUITE 900
CHICAGO, IL. 60606
(312)782-8150

FILE NAME = D366985-sht-schedule.dgn
PLOT SCALE =
PLOT DATE = 19-AUG-2011 08:19

DESIGNED - RJD
DRAWN - RJD
CHECKED - PMK
DATE - 08-18-2011

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULES

SCALE: | DR SCH 1 OF 5 | STA. N/A | TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	155
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

$FILEL$

STORM SEWER STRUCTURES SCHEDULE

STRUCTURE NUMBER	DRNG SHEET NO.	STATION	OFFSET	STRUCTURE TYPE					RIM ELEV.	FRAME	INVERT ELEVATIONS			
				MH	CB	INL	END	DIA. (FT)			N	S	E	W
149	10	60+80.00	39.90RT			A		2	652.75	3	--	--	--	648.35
150	10	61+30.00	54.20LT	A-FS				5	651.27	1 CL	--	646.90	642.12	642.12
151	10	61+30.00	43.33LT		A			4	652.61	3	646.98	--	--	--
152	10	61+40.00	43.70RT			A		2	652.46	3	--	--	647.59	--
153	26	51+48.00	106.50RT				PRCFES	2.5	--	GRATING	--	--	--	639.77
154	10	62+20.00	52.40LT	A-FS				5	651.26	1 CL	--	646.13	642.35	642.35
155	10	62+20.00	41.30LT		A			4	652.30	3	646.21	646.21	--	--
157	10	62+20.00	48.40RT			B		3	652.06	3	646.73	--	646.82	646.82
158	10	63+00.00	50.60LT	A-FS				5	650.59	1 CL	--	646.99	643.23	642.73
159	10	63+00.00	39.55LT		A			4	652.03	3	647.09	--	--	--
161	10	63+00.00	50.50RT			A		2	651.73	3	--	--	--	647.59
162	11	63+90.00	49.60LT	A-FS				4	650.33	1 CL	--	645.21	644.16	643.66
163	11	63+90.00	38.50LT		A			4	651.73	3	645.31	645.40	--	--
164	11	63+50.00	50.50RT			A		2	651.86	3	--	--	646.77	--
165	11	63+90.00	50.50RT			B		3	651.43	3	646.31	646.40 SE	--	646.40
166	11	64+25.00	49.60LT	A-FS				4	650.21	1 CL	--	645.21	645.84	644.47
167	11	64+25.00	38.50LT		A			4	651.61	3	645.31	--	--	--
169	11	64+40.00	54.00RT			A		2	651.09	3	646.88 NW	--	--	--
170	11	64+64.00	47.59LT			A		2	651.04	3	--	646.20 SW	--	--
171	15	92+20.00	34.00RT			A		2	650.71	3	--	--	645.88	--
172	16	94+50.00	34.00RT			A		2	648.76	3	--	--	643.15	--
173	21	6+36.55	32.81LT				PRCFES	1	--	--	644.07	--	--	--
174	21	6+73.89	34.45LT				PRCFES	1	--	--	--	643.54	--	--
175	22	8+00.00	32.24RT			A		2	643.87	8	--	--	--	642.27
176	22	8+68.17	18.50RT			A		2	644.82	3	642.16 NE	--	--	--
177	22	8+88.17	18.50RT			B		3	644.77	3	642.00 NE	642.00 SW	--	--
178	22	9+08.17	18.50RT			B		3	644.82	3	--	641.92 SW	--	641.92
179	22	9+00.00	46.33LT				PRCFES	1	--	--	--	--	641.60	--
180	6	38+09.70	80.60RT		A			4	645.05	4	637.59 NE	MATCH EX.	--	--
181	9	53+50.00	104.00RT				PRCFES	2.5	--	GRATING	637.00	--	--	--
182	7	43+00.00	43.50RT			A		2	645.14	3	--	--	--	641.01
183	7	42+58.70	43.50RT			B		3	645.05	3	--	--	640.62	640.62
184	7	42+28.70	43.50LT			B		3	645.05	3	--	--	640.88	640.88
185	7	42+08.00	43.50LT			A		2	645.08	3	--	--	641.06	--
186	7	42+50.00	0.00RT			A		2	646.02	4	--	--	--	641.80 NW
187	22	8+00.00	27.14LT				PRCFES	1.5	--	GRATING	--	--	642.10	--
188	10	58+84.3	79.41LT				PRCFES	1.5	--	GRATING	--	--	645.65	--
189	10	59+15.7	80.43LT				PRCFES	1.5	--	GRATING	--	--	--	645.49
190	9	57+75.93	82.68RT				PRCFES	1.25	--	--	--	--	647.46	--
191	9	57+84.07	82.94RT				PRCFES	1.25	--	--	--	--	--	647.44
196	25	59+25.56	29.66RT		A			4	638.35	3	633.37 NE	633.88	--	633.37
197	25	59+10.56	29.00RT			A		2	638.32	3	634.00 NE	--	--	--
198	25	99+17.76	50.00RT	A-FS				5	638.61	1 CL	--	633.11 SW	632.35	632.35
199	25	59+25.56	24.70LT			B		3	639.00	3	--	633.87 SE	633.87	--
200	25	59+10.56	19.21LT			A		2	638.47	3	634.00 NW	--	--	--
202	24	28+33.80	28.50LT			A		2	645.31	3	641.02	--	--	--
203	24	28+63.80	28.50LT			A		2	645.31	3	--	641.02	--	--
204	24	28+48.83	28.00LT	A-FS				4	645.35	1 CL	640.91 634.32	640.91 634.32	640.54	--
205	24	28+48.83	28.50RT			B		3	645.29	3	641.06	641.06	--	641.06
206	24	28+33.80	28.50RT			A		2	645.31	3	641.18	--	--	--
207	24	28+63.80	28.50RT			A		2	645.31	3	--	641.18	--	--
208	14	83+88.00	45.83RT	A				5	648.99	1 CL	642.83	--	641.30	641.30
209	13	81+35.00	45.36RT	A-FS				5	645.72	1 CL	641.51	--	638.90	638.90
210	13	77+25.00	57.85RT	A-RES-FS				6	646.52	1 CL	642.00 N 635.71 NW	--	635.71	640.30
211	13	77+58.00	54.96RT	A-FS				6	646.63	1 CL	635.57 NW	634.61-EX.	634.71 NE	--
212	11	65+80.00	39.37RT			A		2	651.09	3	--	--	645.60	--
213	11	66+80.00	38.50RT			B		3	650.74	3	--	--	644.63	644.63
214	11	67+89.50	38.50RT			B		3	650.37	3	--	644.11 SE	--	644.11
215	11	68+00.00	44.00RT	A-FS				5	650.66	1 CL	644.07 NW	--	643.00	--
216	11	65+81.00	54.71LT			A		2	650.75	3	--	--	646.79	--
217	11	66+28.00	50.50LT			B		3	650.81	3	--	--	646.34	646.34
218	11	66+80.00	50.50LT			B		3	650.60	3	--	--	646.10	646.10
219	11	67+32.00	50.50LT			B		3	650.38	3	--	--	645.85	645.85
220	11	68+10.00	47.73LT			B		3	650.07	3	--	--	645.47	645.47
221	11	68+83.00	43.34LT		A			4	649.93	3	--	645.12	--	645.12
222	11	68+83.00	38.50RT		A			4	650.05	3	644.74	644.02 SE	--	--
223	11	68+91.00	44.00RT	A-FS				5	650.35	1 CL	643.97 NW	645.60	642.57	642.57
224	11	68+91.00	61.07RT				PRCFES	1	N/A	--	645.75	--	--	--
225	12	69+92.00	38.50RT			A		2	649.68	3	--	645.07	--	--
226	12	69+67.00	38.50LT			A		2	649.76	3	--	--	645.62	--
227	12	70+28.00	38.50LT			B		3	649.56	3	--	--	645.04	645.04
228	12	70+90.00	37.15 LT			B		3	649.37	3	--	644.74	--	644.74
229	12	70+85.00	37.27RT			B		3	649.39	3	644.39	644.39	--	--

STORM SEWER STRUCTURES SCHEDULE

STRUCTURE NUMBER	DRNG SHEET NO.	STATION	OFFSET	STRUCTURE TYPE					RIM ELEV.	FRAME	INVERT ELEVATIONS			
				MH	CB	INL	END	DIA. (FT)			N	S	E	W
230	12	69+92.00	46.50RT	A				5	649.38	1 CL	645.02	--	642.09	642.09
231	12	70+85.00	45.45RT	A				5	649.05	1 CL	644.35	645.43	641.65	641.65
232	12	70+85.00	54.02RT				PRCFES	1	N/A	--	645.50	--	--	--
233	12	71+85.00	35.04RT			A		2	649.09	3	--	644.95	--	--
234	12	71+60.00	35.59LT			A		2	649.16	3	--	--	--	645.02
235	12	72+28.00	34.09LT			B		3	648.96	3	--	--	644.37	644.37
236	12	72+93.00	34.00LT		A			4	648.74	3	--	643.96	643.96	643.96
237	12	73+43.00	34.00LT			A		2	648.57	3	--	--	--	644.43
238	12	72+93.00	34.00RT		A			4	648.74	3	643.64	--	--	642.95 SE
239	12	73+00.00	41.10RT	A-FS				5	648.63	1 CL	642.89 NW	--	640.58	640.08
240	12	74+14.00	51.73RT	A-FS				5	645.74	1 CL	642.34	--	639.53	639.53
241	12	74+14.00	34.00RT		A			4	648.33	3	642.85	642.48	--	--
242	12	74+18.00	34.00LT			B		3	648.32	3	--	643.17	643.17	--
243	12	74+93.00	34.00LT			A		2	648.06	3	--	--	--	643.91
244	12	75+25.00	34.00RT			A		2	647.96	3	--	643.72 SE	--	--
245	13	75+68.00	45.50RT	A-FS				5	646.62	1 CL	643.31 NW	640.73	637.52	638.79
246	13	75+68.00	53.03RT			A		2	645.14	8	640.77	--	--	--
247	13	75+68.00	34.00LT			A		2	647.81	3	--	--	643.21	--
248	13	76+43.00	34.00LT		A			4	647.55	3	--	642.48	642.48	642.48
249	13	77+15.00	34.00LT			A		2	647.31	3	--	--	--	643.17
250	13	76+43.00	34.00RT		A			4	647.55	3	642.16	642.16	--	--
251	13	77+00.00	44.00RT	A				5	646.56	1 CL	--	635.82 SE	--	636.91
252	13	77+00.00	54.14RT			A		2	644.89	8	--	--	640.52	--
253	13	77+25.00	36.34RT			A		2	647.20	3	--	642.19	--	--
254	16	98+71.00	53.49LT			A		2	639.47	8	--	636.55 SW	--	--
255	13	77+95.00	34.00LT			A		2	647.04	3	--	--	642.81	--
257	13	78+50.00	39.08RT	A-RES-FS				6	647.19	1 CL	640.85 NE	635.16 SW	635.16 SE	--
258	13	79+00.00	50.45RT	A-FS				5	643.30	1 OL	639.85 NE	--	635.90	635.40 NW
259	13	78+95.00	34.00RT		A			4	646.70	3	641.24	--	--	641.24
260	13	78+65.00	34.00RT		A			4	646.80	3	--	640.97 SW	640.97	--
261	13	78+65.00	34.00LT			B		3	646.80	3	--	--	642.13	642.13
262	13	78+95.00	34.00LT		A			4	646.70	3	--	641.56	641.86	641.86
263	13	79+25.87	34.00LT			B		3	646.65	3	--	--	642.16	642.13
264	13	79+35.87	34.00LT			B		3	646.65	3	--	--	642.23	642.23
265	13	79+45.87	34.00LT			B		3	646.65	3	--	--	642.30	642.30
266	13	79+65.00	34.00LT			A		2	646.67	3	--	--	--	642.47
268	13	79+25.00	34.00RT		A			4	646.65	3	--	640.13	642.13	--
269	13	79+35.87	34.00RT			B		3	646.65	3	--	--	642.29	642.20
270	13	79+45.87	34.00RT			B		3	646.65	3	--	--	642.44	642.35
271	13	79+60.00	34.00RT			A		2	646.67	3	--	--	--	642.55
272	14	81+80.00	34.00LT			A		2	647.69	3	--	--	--	643.31
273	13	80+85.00	34.00LT			B		3	647.21	3	--	--	642.39	642.30
274	13	80+10.00	34.00LT			B		3	646.82	3	--	--	641.76	641.85	--
275	13	80+10.00	34.00RT		A			4	646.82	3	641.13	639.88	--	--
276	13	80+10.00	48.70RT	A-FS				5	643.97	1 CL	639.77	--	638.30	636.42
277	13	81+35.00	34.00RT			A		2	647.46	3	--	--	641.60	--
278	14	83+47.00	34.00LT			A		2	648.56	3	--	--	--	644.44
279	14	82+85.00	34.00LT			B		3	648.24	3	--	--	643.85	643.85	--
280	14	82+85.00	34.00RT		A			4	648.24	3	643.40	641.05 SW	--	--
281	14	83+00.00	41.58RT	A				5	648.68	1 CL	640.98 NW	642.45	640.88	639.70
282	14	83+00.00	51.70RT			A		2	647.26	8	642.51	--	--	--
283	14	83+88.00	33.50RT			A		2	648.77	4	--	642.92	--	--
284	14	84+41.00	34.00LT			A		2	649.04	3	--	--	644.93	--
285	14	86+00.00	61.52LT			A		2	648.20	8	--	--	--	643.83
286	14	85+50.00	58.12LT			B		3	648.17	8	--	643.36 SW	643.36	--
287	14	85+35.00	34.00LT		A			4	649.52	3	643.11 NE	642.86	--	644.02
288	14	85+25.00	34.00RT		A			4	649.47	3	642.54	642.54 SW	--	--
289	14	85+15.00	41.78RT	A				5	649.78	1 CL	642.50 NE	--	641.91	641.91
290	14	86+00.00	41.58RT	A				5	650.23	1 CL	--	643.71	642.81	642.31
291	14	86+00.00	56.52RT			A		2	647.72	8	643.83	--	--	--
292	14	86+63.00	34.00LT			A		2	650.18	3	--	645.15	--	--
293	14	86+63.00	34.00RT			B		3	650.18	3	644.50	644.41	--	--
294	14	86+63.00	41.58RT	A				4	650.55	1 CL	644.36	--	643.10	643.10
295	15	88+00.00	60.92LT			A		2	649.07	8	--	644.73	--	--
296	15	88+00.00	34.00LT			B		3	650.89	3	644.48	644.48	--	--
297	15	88+00.00	34.00RT			B		3	650.89	3	644.15	644.15	--	--
298	15	88+00.00	43.85RT	A				4	651.21	1 CL	644.12	--	644.02	643.77
299	15	89+40.00	47.00RT	A				4	651.82	1 CL	--	646.30	--	644.70
300	15	89+40.00	64.06RT			A		2	648.78	8	646.44	--	--	--
301	15	90+50.00	60.10RT			A		2	649.67	8	--	--	646.50	--
302	17	104+80.00	41.60RT	A-FS				5	630.92	1 CL	626.32	--	625.97	625.97
303	18	106+40.00	59.88RT				PRCFES	1	--	--	626.04	--	--	--
304	15	91+45.00	58.00RT	A-FS				4	649.62	1 CL	645.87	--	644.80	645.58
305	15	91+05.00	36.28LT			A		2	650.99	3	--	646.86 SE	--	--
306	15	91+45.00	34.00RT			B		3	651.04	3	646.08 NW	646.08	--	--

PB Americas, Inc.
230 WEST MONROE STREET,
SUITE 900
CHICAGO, IL 60606
(312)782-8150

FILE NAME = dunceabd	DESIGNED - RJD	REVISED - BDD 11/21/2011
	DRAWN - RJD	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - PMK	REVISED -
PLOT DATE = 11/22/2011	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULES

SCALE: | DR SCH 2 OF 5 | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	156
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

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STORM SEWER STRUCTURES SCHEDULE

STRUCTURE NUMBER	DRNG SHEET NO.	STATION	OFFSET	STRUCTURE TYPE					RIM ELEV.	FRAME	INVERT ELEVATIONS			
				MH	CB	INL	END	DIA. (FT)			N	S	E	W
307	15	92+52.00	34.00LT			A		2	650.57	3	--	646.23	--	--
308	15	92+52.00	34.00RT		A			4	650.57	1 CL	645.58	645.58	--	645.58
309	15	92+52.00	49.50RT	A-FS				4	650.98	1 CL	645.47	--	642.28	644.28
310	16	95+00.00	34.00LT			A		2	647.68	3	--	643.33	--	--
311	16	95+00.00	34.00RT		A			4	647.68	3	642.68	642.68	--	642.68
312	16	95+00.00	48.81RT	DROP MH				4	647.30	1 CL	642.33	--	636.63	640.93
313	16	97+50.00	34.00LT			B		3	642.08	3	636.35 NW	635.36	--	--
314	16	97+50.00	34.00RT			B		3	642.08	3	634.71	634.71	--	--
315	16	97+50.00	55.46RT				PRCFES	1	--	--	638.86	--	--	--
316	16	97+50.00	45.60RT	A-FS				5	642.23	1 CL	634.66	638.75	635.16	633.16
317	17	99+85.00	34.00LT			A		2	637.27	3	633.13	--	--	--
318	17	99+85.00	34.00RT			B		3	637.27	3	632.48	632.48	--	--
319	17	99+85.00	45.58RT	A-FS				5	637.42	1 CL	632.44	--	630.01	632.01
320	17	101+75.00	34.00LT			A		2	634.88	3	--	630.74	--	--
321	17	101+75.00	34.00RT			B		3	634.88	3	630.10	--	630.10	--
322	17	102+48.00	34.00RT			B		3	633.98	3	--	629.49 SE	--	629.74
323	17	102+50.00	55.01RT			A		2	632.42	8	629.82	--	--	--
324	17	102+50.00	45.58RT	A-FS				5	634.12	1 CL	629.46 NW	629.76	626.94	628.71
325	17	103+85.00	34.00LT			A		2	632.29	3	--	628.15 SE	--	--
326	17	104+00.00	34.00RT			B		3	632.11	3	627.49 NW	627.49	--	--
327	17	104+00.00	41.58RT	A-FS				5	631.90	1 CL	627.47	--	626.21	626.21
328	17	104+80.00	34.00LT			A		2	631.14	3	--	627.00	--	--
329	17	104+80.00	34.00RT			B		3	631.14	3	626.36	626.36	--	--
330	17	105+40.00	34.00LT			A		2	630.76	3	--	--	626.62	--
331	17	105+40.00	34.00RT			A		2	630.76	3	--	--	626.62	--
332	18	105+60.79	34.00LT			B		3	630.73	3	--	626.44	626.44	626.44
333	18	105+60.79	34.00RT		A			4	630.73	3	626.12	626.12	626.44	626.44
334	18	105+60.78	43.00RT	A-FS				5	630.16	1 CL	626.09	--	--	626.09
335	18	105+80.00	34.00LT			A		2	630.75	3	--	--	--	626.61
336	18	105+80.00	34.00RT			A		2	630.75	3	--	--	--	626.61
337	18	106+40.00	34.00LT			A		2	631.12	3	--	626.98	--	--
338	18	106+40.00	34.00RT			B		3	631.12	3	626.34	626.34	--	--
339	17	105+00.00	41.60RT	A-FS				5	630.74	1 CL	--	625.92	625.92	625.92
340	17	105+00.00	57.37RT				PRCFES	2.5 ELLIP	--	GRATING	625.90	--	--	--
341	18	108+25.00	34.00LT			A		2	632.89	3	--	629.63	--	--
342	18	108+25.00	34.00RT			B		3	632.89	3	628.98	628.73	628.98	--
343	18	108+25.00	50.78RT				PRCFES	1.25	--	--	628.63	--	--	--
344	18	110+00.00	34.00LT			A		2	634.75	3	--	630.84	--	--
345	18	110+00.00	34.00RT			B		3	634.75	3	630.19	--	--	630.19
346	18	107+92.31	58.80LT				PRCFES	1	--	--	--	627.27 SW	--	--
347	18	107+41.00	44.13LT	A-FS				4	631.23	1 CL	--	--	626.96 NE	626.96 NW
348	18	107+33.16	60.90LT				PRCFES	1	--	--	--	626.85 SE	--	--
349	20	118+00.00	64.51LT			A		2	634.89	8	--	632.98 SE	--	--
350	20	118+07.24	53.08LT	A-FS				5	637.76	1 CL	632.88 NW	633.31	632.71	633.04
351	12	71+85.00	42.50RT	A-FS				5	648.77	1 CL	644.91	--	641.18	641.18
352	13	76+43.00	43.50RT	A-FS				5	646.86	1 CL	642.11	--	637.17	637.17

DRAINAGE NOTES:

1.STRUCTURES NO. 251, 240, 245 AND 352 ARE ASSUMED ECCENTRIC.

2.STRUCTURES NO. 1, 5, 9, 10, 14, 18, 22, 23, 28, 29, 32 AND 33 ARE EXISTING STRUCTURES LISTED FOR INFORMATION ONLY.

3.STATION AND OFFSET FOR MANHOLES, CATCH BASINS AND INLETS ARE CALLED AT THE CENTER OF THE STRUCTURE.

4.STATION AND OFFSET FOR INLET BOX A AND FES ARE CALLED AT THE END OF THE PIPE.

5.RIM ELEVATIONS FOR TYPE 1 FRAME AND LID ARE CALLED AT THE CENTER OF THE LID.

6.RIM ELEVATIONS FOR TYPE 3 AND TYPE 4 FRAME AND GRATE ARE CALLED AT THE GUTTER FLOW LINE.

7.RIM ELEVATIONS FOR TYPE 8 GRATE ARE CALLED AT THE TOP OF THE GRATE.

PIPE UNDERDRAIN SCHEDULE

FROM STATION	TO STATION	OFFSET	X6013600 PIPE UNDERDRAINS 4" (MODIFIED)(FT)	60100060 CONCRETE HEADWALLS FOR PIPE DRAINS (EACH)	NOTE
13+70	16+08	LT	239.0		
16+07	16+08	LT	5.0		CONNECT TO STR. 19
16+09	16+08	LT	5.0		CONNECT TO STR. 19
16+08	16+85	LT	77.0		
17+75	19+23	LT	150.0		
19+23	19+25	LT	5.0		CONNECT TO STR. 30
19+27	19+25	LT	5.0		CONNECT TO STR. 30
49+00	49+00	LT	53.0	1	
49+01	49+01	LT	10.0		
49+01	54+50	LT	549.0		
49+00	49+00	RT	73.0	1	
49+01	49+01	RT	32.0		
49+01	54+50	RT	549.0		
58+50	58+50	LT	60.0	1	
58+51	58+51	LT	16.0		
58+51	59+46	LT	95.0		
58+50	58+50	RT	70.0	1	
58+51	58+51	LT	28.0		
58+51	59+46	RT	95.0		
59+46	61+49	LT	203.0		
61+49	61+49	LT	15.0	1	
61+50	61+50	LT	59.0		
59+46	61+49	RT	203.0		
61+49	61+49	RT	25.0	1	
61+50	61+50	RT	70.0		
81+35	81+35	RT	33.0		CONNECT TO STR. 277
81+35	81+60	RT	25.0		CONNECT TO STR. 277
81+50	81+50	LT	56.0	1	
81+51	81+51	LT	22.0		
81+51	84+50	LT	299.0		
82+85	84+50	RT	165.0		CONNECT TO STR. 280
105+50	105+61	LT	11.0		
105+61	105+61	LT	26.0	1	
105+62	105+62	LT	61.0		
105+63	105+63	LT	26.0	1	
105+63	108+50	LT	287.0		
105+50	105+61	RT	11.0		
105+61	105+61	RT	16.0	1	
105+62	105+62	RT	51.0		
105+63	105+63	RT	16.0	1	
105+63	108+50	RT	287.0		

SEDIMENTATION BASIN SCHEDULE

SEDIMENTATION BASIN	SHEET NO.	OUTLET/INLET STR.	STATION	OFFSET	DEPTH DS (FT)	DEPTH US (FT)	WIDTH (FT)	LENGTH (FT)	Volume (CU.YD)
1	EROS-1	DITCH DS	20+90.00	LT	3	3	8	20	37.78
3	EROS-2	60	29+50.00	LT	3	5	8	20	59.26
4	EROS-2	82	38+40.00	LT	3	3	8	20	37.78
5	EROS-2	81	38+40.00	RT	3	3	8	20	37.78
6	EROS-2	145	47+55.00	RT	3	3.25	8	20	41.72
7	DRNG-26	181	53+50.00	RT	3	3	8	20	41.11
8	EROS-3	144	60+05.00	LT	3	3	8	20	37.78
9	EROS-3	252	77+00.00	RT	3	3.3	8	20	41.72
10	EROS-3	258	79+00.00	RT	3	3.25	8	20	41.72
11	EROS-3	285	86+00.00	LT	3	3.5	8	20	43.76
11A	EROS-3	291	86+00.00	RT	3	3	8	20	37.78
12	EROS-3	295	88+00.00	LT	3	3.25	8	20	41.72
13	EROS-3	300	89+40.00	RT	3	3	8	20	37.78
14	EROS-4	315	97+50.00	RT	3	3.62	8	20	45.84
15	EROS-4	323	102+50.00	RT	3	3.4	8	20	41.72
16	EROS-4	340	105+00.00	RT	3	3	8	20	37.78
17	EROS-4	343	108+25.00	RT	3	3.8	8	20	45.84
18	MOTIA-1	IN DITCH	17+50.00	RT	3	5.03	8	20	61.65
19	MOTIA-2	DITCH DS	22+00.00	RT	3	3.4	8	20	41.72
TOTAL									813.00

NOTE:
EXCAVATION QUANTITIES FOR SEDIMENTATION BASINS ARE INCLUDED IN THE EARTHWORK QUANTITIES

PB Americas, Inc.
230 WEST MONROE STREET,
SUITE 900
CHICAGO, IL. 60606
(312)782-8150

FILE NAME = D366985-sht-schedule.dgn
PLOT SCALE =
PLOT DATE = 19-AUG-2011 08:19

DESIGNED - RJD
DRAWN - RJD
CHECKED - PMK
DATE - 08-18-2011

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULES

SCALE: | DR SCH 3 OF 5 | STA. N/A | TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	157
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

$FILEL$

STORM SEWER PIPE SCHEDULE

PIPE NUMBER	DRNG SHEET NO.	FROM STRUCT	TO STRUCT	INVERT US	INVERT DS	LENGTH (FT)	SLOPE (%)	TYPE	DIA (IN)	TB	Class	Material
1	1	1	3	631.30	631.12	66.3	0.27	3	33	0.0	A	RCP
2	1	2	3	641.70	641.65	5.4	1.02	2	12	2.0	A	RCP
3	1	3	5	631.10	630.84	95.3	0.27	3	33	0.0	A	RCP
4	3	4	32	595.77	595.54	40.5	0.56	2	54	0.0	B	RCP
5	1	5	9	630.84	630.74	124.0	0.07	3	33	0.0	A	RCP
7	1	7	10	641.35	640.89	45.5	1.00	2	12	3.0	A	RCP
8	1	8	14	620.88	620.26	162.3	0.38	5	54	0.0	B	RCP
9	1	9	10	630.74	630.58	15.8	1.01	3	33	0.0	A	RCP
10	1	10	8	621.16	620.90	70.6	0.38	5	54	0.0	B	RCP
11	1	11	8	639.75	639.66	8.5	1.00	2	12	1.0	A	RCP
12	2	12	13	635.10	634.55	55.8	1.00	2	12	17.0	A	RCP
13	2	13	14	634.55	634.45	9.5	1.00	2	12	1.0	B	RCP
14	2	14	18	620.17	619.78	102.6	0.38	3	54	0.0	B	RCP
15	2	15	16	631.37	631.13	24.5	1.20	2	12	1.0	B	RCP
16	2	16	17	631.13	630.85	27.0	1.00	2	12	7.0	A	RCP
17	2	17	18	630.85	630.78	7.5	1.00	2	12	2.0	A	RCP
18	2	18	22	619.78	619.03	218.9	0.33	3	54	0.0	B	RCP
19	2	19	20	621.00	620.75	24.5	1.00	2	12	6.0	A	RCP
20	2	20	21	620.75	620.48	27.0	1.00	2	12	5.0	A	RCP
21	2	21	22	620.48	620.44	3.2	1.00	2	12	1.0	A	RCP
22	2	22	23	609.74	608.74	165.0	0.61	3	54	0.0	B	RCP
23	2	23	28	608.28	608.12	72.0	0.22	2	54	0.0	B	RCP
25	3	25	26	609.59	609.35	23.5	1.02	2	12	6.0	A	RCP
26	3	26	27	609.35	609.05	27.5	1.09	2	12	6.0	A	RCP
27	3	27	28	609.05	608.98	6.6	1.05	2	12	1.0	A	RCP
28	3	28	29	596.72	596.27	19.2	2.34	3	54	0.0	B	RCP
29	3	29	4	596.05	595.79	45.9	0.56	2	54	0.0	B	RCP
30	3	30	31	607.16	606.61	54.7	1.00	2	12	12.0	A	RCP
31	3	31	4	604.11	603.62	24.1	2.00	2	12	6.0	B	RCP
32	3	32	33	592.34	591.54	31.6	2.53	2	54	0.0	B	RCP
36	3	36	34	595.50	595.05	89.2	0.50	2	24	0.0	B	RCP
37	3	37	36	599.46	599.42	3.5	1.00	2	12	2.0	B	RCP
38	3	38	37	600.09	599.55	54.5	1.01	2	12	20.0	A	RCP
39	4	39	42	601.48	601.30	18.3	1.00	2	12	4.0	A	RCP
40	4	40	43	601.42	601.30	12.0	1.00	2	12	3.0	A	RCP
41	4	41	36	597.87	597.50	71.3	0.52	2	24	0.0	B	RCP
42	4	42	41	600.40	600.36	4.0	1.00	2	15	1.0	B	RCP
43	4	43	42	601.05	600.50	55.4	1.00	2	15	14.0	A	RCP
44	4	44	42	601.42	601.30	12.0	1.00	2	12	3.0	A	RCP
45	4	45	43	601.42	601.30	12.5	1.04	2	12	3.0	A	RCP
46	5	46	24	629.87	625.33	270.0	1.68	1	18	42.0	B	RCP
47	4	47	44	601.61	601.42	18.6	1.00	1	12	4.0	B	RCP
48	4	48	45	601.61	601.42	18.6	1.00	1	12	4.0	A	RCP
49	4	49	41	600.08	599.60	96.1	0.50	2	18	0.0	B	RCP
50	4	50	49	600.64	600.58	4.5	1.09	2	12	1.0	B	RCP
51	4	51	50	601.30	600.73	58.5	0.99	2	12	16.0	A	RCP
53	4	53	52	595.02	594.68	61.0	0.56	2	48	0.0	B	RCP
54	4	54	53	601.99	601.89	9.5	1.00	2	12	1.0	B	RCP
55	4	55	54	602.58	601.99	58.5	1.00	2	12	20.0	A	RCP
56	4	56	35	596.20	595.36	93.5	0.90	1	24	20.0	B	RCP
57	4	57	84	599.77	598.76	144.0	0.70	2	48	0.0	B	RCP
58	4	58	57	609.40	609.30	9.9	0.97	2	12	1.0	B	RCP
59	4	59	58	610.05	609.40	65.6	1.01	2	12	23.0	A	RCP
60	5	60	61	616.48	616.34	6.4	2.19	1	24	2.0	B	RCP
61	5	61	57	601.13	599.77	194.0	0.70	3	48	0.0	B	RCP
62	5	62	61	613.00	612.72	54.7	0.51	2	48	0.0	B	RCP
63	5	63	62	618.29	618.11	9.5	1.02	2	12	1.0	B	RCP
64	5	64	63	618.66	618.29	37.9	0.99	2	12	15.0	A	RCP
65	5	65	64	619.04	618.66	36.9	1.00	2	12	13.0	A	RCP
66	5	66	62	614.71	613.00	243.7	0.70	3	48	0.0	B	RCP
67	5	67	66	625.55	625.46	8.7	1.00	2	12	2.0	B	RCP
68	5	68	67	626.10	625.55	54.9	1.00	2	12	46.0	A	RCP
69	5	69	68	626.35	626.10	26.1	0.96	2	12	20.0	A	RCP
70	5	70	69	626.93	626.35	57.8	1.00	2	12	18.0	A	RCP
71	6	71	66	623.19	622.53	133.0	0.50	2	48	0.0	B	RCP
72	6	72	71	631.51	631.41	9.3	1.07	2	18	1.0	B	RCP
73	6	73	72	633.56	632.95	60.4	1.00	2	15	22.0	A	RCP
74	6	74	73	634.00	633.56	44.2	1.00	2	15	16.0	A	RCP
75	6	75	83	636.24	634.79	118.0	1.23	2	24	158.0	A	RCP
76	6	76	71	624.46	623.19	252.9	0.50	3	48	0.0	B	RCP
77	6	77	76	636.89	636.75	13.2	1.00	2	12	1.0	B	RCP
78	6	78	77	639.98	639.15	83.0	1.00	2	12	18.0	A	RCP
79	6	79	78	640.38	639.98	39.3	1.00	2	12	7.0	A	RCP
80	6	80	75	641.91	641.66	24.5	1.00	2	12	5.0	A	RCP
81	6	81	75	641.41	641.22	9.0	2.10	1	24	1.0	B	RCP
82	6	82	83	640.50	640.41	9.0	1.00	1	24	2.0	B	RCP
83	6	83	76	625.31	624.46	169.1	0.50	3	48	319.0	A	RCP
84	4	84	53	595.61	595.02	84.0	0.70	2	48	0.0	B	RCP
85	6	85	83	642.00	641.58	42.1	1.00	1	12	1.0	B	RCP
86	6	86	85	642.54	642.00	55.2	1.00	1	12	9.0	A	RCP
87	7	87	88	637.62	636.70	18.4	5.00	2	12	1.0	B	RCP
88	7	88	83	627.73	626.31	284.0	0.50	3	36	0.0	B	RCP
89	7	89	90	642.39	641.31	108.0	1.00	2	12	21.0	A	RCP
90	7	90	91	641.31	641.11	21.1	1.00	2	12	5.0	A	RCP
91	7	91	92	641.11	640.85	25.8	1.01	2	12	7.0	A	RCP
92	7	92	98	640.85	640.73	11.6	1.03	2	12	3.0	A	RCP
93	7	93	98	641.48	641.37	11.6	0.95	2	12	3.0	A	RCP
94	7	94	95	641.35	640.62	72.5	1.01	2	12	13.0	A	RCP
95	7	95	96	640.62	640.36	25.7	1.01	2	12	6.0	A	RCP
96	7	96	97	640.36	640.24	11.5	1.04	2	12	3.0	A	RCP

STORM SEWER PIPE SCHEDULE

PIPE NUMBER	DRNG SHEET NO.	FROM STRUCT	TO STRUCT	INVERT US	INVERT DS	LENGTH (FT)	SLOPE (%)	TYPE	DIA (IN)	TB	Class	Material
97	7	97	98	638.00	637.50	50.3	1.00	2	15	43.0	A	RCP
98	7	98	99	637.50	637.23	28.8	0.99	2	15	26.0	A	RCP
99	7	99	100	637.23	637.10	11.8	1.02	2	15	2.0	B	RCP
100	7	100	88	628.80	628.23	113.8	0.50	3	30	0.0	B	RCP
101	7	101	99	641.36	641.24	12.0	1.00	1	12	2.0	A	RCP
102	7	102	104	639.50	639.02	47.5	1.01	2	12	17.0	A	RCP
103	7	103	100	629.31	628.80	101.3	0.50	3	30	0.0	B	RCP
104	7	104	103	639.02	638.90	12.1	1.00	2	12	1.0	B	RCP
105	7	105	108	641.23	639.91	132.5	1.00	2	12	37.0	A	RCP
106	7	106	103	630.46	629.81	130.0	0.50	3	24	0.0	B	RCP
107	7	107	106	639.07	639.02	11.0	0.43	2	12	1.0	B	RCP
108	7	108	107	639.91	639.07	84.0	1.01	2	12	56.0	A	RCP
109	8	109	106	631.11	630.46	130.0	0.50	3	24	0.0	B	RCP
110	8	110	109	640.64	640.52	11.5	1.04	2	12	1.0	B	RCP
111	8	111	108	641.23	639.91	132.5	1.00	2	12	46.0	A	RCP
112	8	112	109	631.76	631.11	130.0	0.50	3	24	0.0	B	RCP
113	8	113	112	636.71	636.66	9.4	0.50	2	12	2.0	B	RCP
114	8	114	113	637.53	636.71	83.0	1.00	2	12	104.0	A	RCP
115	8	115	112	642.64	641.33	131.7	1.00	2	12	12.0	B	RCP
116	8	116	114	643.40	642.08	131.5	1.00	2	12	34.0	A	RCP
117	8	117	115	644.49	643.42	107.5	1.00	2	12	21.0	A	RCP
118	8	118	116	644.48	643.40	108.0	1.00	2	12	21.0	A	RCP
119	8	119	123	643.49	643.04	45.0	1.00	2	12	0.0	B	RCP
120	8	120	119	643.54	643.49	4.0	1.00	2	12	1.0	B	RCP
121	8	121	120	644.03	643.63	40.0	1.00	2	12	14.0	A	RCP
122	8	122	121	644.53	644.12	41.0	1.00	2	12	12.0	A	RCP
123	9	123	126	642.07	641.59	95.5	0.50	2	18	0.0	B	RCP
124	8	124	123	644.05	644.00	5.0	1.00	2	12	1.0	B	RCP
125	9	125	128	645.94	645.51	97.6	0.44	1	12	17.0	A	RCP
126	9	126	129	639.97	639.49	96.0	0.50	2	18	0.0	B	RCP
127	9	127	126	644.59	644.54	4.5	1.11	2	12	1.0	B	RCP
128	9	128	130	645.51	644.67	46.5	1.81	2	12	14.0	A	RCP
129	9	129	130	637.49	637.18	99.0	0.31	3	30	213.0	A	RCP
130	9	130	181	637.18	637.00	49.0	0.37	2	30	4.0	B	RCP
131	9	131	129	638.17	637.69	75.0	0.64	2	30	0.0	A	RCP
132	9	132	131	645.83	645.79	4.5	0.89	2	12	1.0	A	RCP
133	9	133	130	646.63	645.87	76.1	0.99	2	12	15.0	A	RCP
134	9	134	131	638.82	638.17	130.0	0.50	2	30	0.0	B	RCP
135	9	135	134	646.25	646.18	5.6	1.25	2	12	1.0	A	RCP
136	9	136	135	647.18	646.34	84.0	1.00	2	12	19.0	A	RCP
137	9	137	134	639.47	638.82	130.0	0.50	2	30	0.0	B	RCP
138	9	138	137	646.62	646.54	6.5	1.23	2	12	1.0	B	RCP
139	9	139	142	647.98	646.94	104.5	1.00	2	12	27.0	A	RCP
140	9	140	137	639.98	639.47	102.0	0.50	2	30	0.0	B	RCP
141	10	141	140	646.02	645.92	6.5	1.50	2	12	1.0	B	RCP
142	10	142	141	646.84	646.02	82.1	1.00	2	12	32.0	A	RCP
143	10	143	144	646.77	645.53	148.8	0.83	1	24	0.0	A	RCP
145	8	145	114	637.81	637.53	49.5	0.51	1	12	3.0	A	RCP
146	10	146	140	641.23	639.98	249.1	0.50	2	30	0.0	B	RCP
147	10	147	146	647.17	647.09	6.6	1.20	2	12	1.0	B	RCP
148	10	148	147	648.09	647.31	78.5	1.00	2	12	22.0	A	RCP
149	10	149	148	648.35	648.18	17.5	0.97	2	12	4.0	A	RCP
150	10	150	146	642.12	641.73	68.0	0.50	2	24	0.0	B	RCP
151	10	151	150	646.98	646.90	7.6	1.05	2	12	1.0	B	RCP
152	10	152	157	647.59	646.82	77.3	1.00	2	12	20.0	A	RCP
153	26	STA. 52+40.30 OFF. 118.80 RT	153	640.23	639.77	93.0	0.46	2	30	4.0	B	RCP
154	10	154	150	642.35	642.12	85.4	0.30	2	24	0.0	B	RCP
155	10	155	154	646.21	646.13	7.6	1.05	2	12	1.0	B	RCP
157	10	157	155	646.73	646.21	86.2	0.60	2	12	28.0	A	RCP
158	10	158	154	642.73	642.35	75.4	0.50	2	24	0.0	B	RCP
159	10	159	158	647.05	646.99	6.6	0.98	2	12	2.0	B	RCP
161	10	161	157	647.59	646.82	77.2	1.00	2	12	17.0	A	RCP
162	11	162	158	643.66	643.23	85.9	0.50	2	18	0.0	B	RCP
163	11	163	162	645.31	645.21	7.1	1.40	2	12	1.0	A	RCP
164	11	164	165	646.77	646.40	37.3	1.00	2	12	10.0	A	RCP
165	11	165	163	646.31	645.40	85.5	1.06	2	12	30.0	A	RCP
166	11	166	162	644.47	644.16	31.2	0.99	2	12	0.0	B	RCP
167	11	167	166	645.31	645.21	7.1	1.40	2	12	1.0	B	RCP
169	11	169	165	646.88	646.40	47.4	1.01	2	12	11.0	A	RCP
170	11	170	166	646.20	645.84	35.7	1.00	2	12	4.0	B	RCP
171	15	171	308	645.88	645.58	29.0	1	2	12	7.0	A	RCP
172	16	172	311	643.15	642.68	47.0	1	2	12	14.0	A	RCP
173	21	173	174	644.07	643.54	37.4	1.40	1	12	5.0	A	RCP
175	22	175	187	642.27	642.10	63.0	0.27	1	18	10.0	A	RCP
176	22	176	177	642.16	642.00	17.5	1.00	1	12	3.0	A	RCP
177	22	177	178	642.00	641.92	16.5	0.50	1	12	3.0	A	RCP
178	22	178	179	641.92	641.60	64.0	0.50	1	12	9.0	A	RCP
179	22	175	STA. 8+00.30 OFF. 8.73 RT	641.89	641.85	15.0	0.27	2	27	0.0	52	DIP
180	6	180	75	637.59	637.24	34.5	1.00	2	12	5.0	B	RCP
182	7	182	183	641.01	640.62	38.8	1.01	2	12	7.0	A	RCP
183	7	183	97	640.62	640.50	11.5	1.04	2	12	3.0	A	RCP
184	7	184	99	640.88	640.76	11.5	1.04	2	12	2.0	A	RCP
185	7	185	184	641.06	640.88	18.2	0.99	1	12	3.0	A	RCP
186	7	186	98	641.80	641.70	9.9	1.01	1	12	2.0	A	RCP

PB Americas, Inc.
230 WEST MONROE STREET, SUITE 900
CHICAGO, IL. 60606
(312)782-8150

FILE NAME = D366985-sht-schedule.dgn
PLOT SCALE =
PLOT DATE = 19-AUG-2011 08:20

DESIGNED - RJD
DRAWN - RJD
CHECKED - PMK
DATE - 08-18-2011

REVISED -
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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULES

SCALE: | DR SCH 4 OF 5 | STA. N/A | TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	158
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

$FILE1$

STORM SEWER PIPE SCHEDULE

PIPE NUMBER	DRNG SHEET NO.	FROM STRUCT	TO STRUCT	INVERT US	INVERT DS	LENGTH (FT)	SLOPE (%)	TYPE	DIA (IN)	TB	Class	Material
188	10	188	189	645.45	645.49	31.4	0.51	2	18	8.0	A	RCP
190	9	190	191	647.46	647.44	18.6	0.30	1	15	2.0	A	RCP
196	16	196	198	633.37	633.11	25.6	1.00	2	12	8.0	A	RCP
197	16	197	196	634.00	633.88	12.0	1.00	2	12	3.0	A	RCP
198	16	198	319	632.35	632.01	62.7	0.53	2	24	23.0	A	RCP
199	16	199	196	633.87	633.37	49.8	1.00	2	12	13.0	A	RCP
200	16	200	199	634.00	633.87	13.5	1.00	2	12	4.0	A	RCP
202	24	202	204	641.02	640.91	11.5	0.96	2	12	3.0	A	RCP
203	24	203	204	641.02	640.91	11.5	0.96	2	12	3.0	A	RCP
204	24	204	EX.	634.32	633.96	111.7	0.32	2	36	219.0	A	RCP
205	24	205	204	641.06	640.54	52.0	0.94	2	12	12.0	A	RCP
206	24	206	205	641.18	641.06	12.5	0.96	2	12	3.0	A	RCP
207	24	207	205	641.18	641.06	12.5	0.96	2	12	3.0	A	RCP
208	14	208	281	641.30	640.88	83.1	0.51	2	24	78.0	A	RCP
209	13	209	276	638.90	638.30	120.0	0.50	2	30	69.0	B	RCP
210	13	210	211	635.71	635.57	27.7	0.50	2	36	15.0	A	RCP
211	13	211	204	634.61	634.32	91.2	0.31	2	36	165.0	A	RCP
212	11	212	213	645.60	644.63	97.2	1.00	2	12	34.0	A	RCP
213	11	213	214	644.63	644.11	106.3	0.49	2	12	39.0	A	RCP
214	11	214	215	644.11	644.07	8.1	0.51	2	12	3.0	A	RCP
215	11	215	223	643.00	642.57	86.0	0.50	2	24	0.0	A	RCP
216	11	216	217	646.79	646.34	44.8	1.00	2	12	8.0	A	RCP
217	11	217	218	646.34	646.10	49.2	0.49	2	12	10.0	A	RCP
218	11	218	219	646.10	645.85	49.2	0.51	2	12	11.0	A	RCP
219	11	219	220	645.85	645.47	75.1	0.51	2	15	16.0	A	RCP
220	11	220	221	645.47	645.12	71.1	0.51	2	15	16.0	A	RCP
221	11	221	222	645.12	644.74	77.8	0.49	2	18	20.0	A	RCP
222	11	222	223	644.02	643.97	5.5	1.00	2	18	2.0	A	RCP
223	11	223	230	642.57	642.09	96.0	0.50	2	24	0.0	A	RCP
224	11	224	223	645.75	645.60	10.1	1.00	1	12	0.0	A	RCP
225	12	225	230	645.07	645.02	5.0	1.00	2	12	1.0	A	RCP
226	12	226	227	645.62	645.04	58.5	0.99	2	12	12.0	A	RCP
227	12	227	228	645.04	644.74	59.0	0.49	2	12	13.0	A	RCP
228	12	228	229	644.74	644.39	71.6	0.50	2	12	17.0	A	RCP
229	12	229	231	644.39	644.35	4.1	0.97	2	12	1.0	A	RCP
230	12	230	231	642.09	641.65	88.0	0.50	2	24	0.0	A	RCP
231	12	231	351	641.65	641.18	95.0	0.50	2	24	0.0	A	RCP
232	12	232	231	645.50	645.43	6.2	1.00	1	12	0.0	A	RCP
233	12	233	351	644.95	644.91	4.5	1.00	1	12	1.0	A	RCP
234	12	234	235	645.02	644.37	65.0	1.00	2	12	13.0	A	RCP
235	12	235	236	644.37	643.96	62.0	0.66	2	12	14.0	A	RCP
236	12	236	238	643.96	643.64	64.0	0.50	2	12	17.0	A	RCP
237	12	237	236	644.43	643.96	47.0	1.00	2	12	10.0	A	RCP
238	12	238	239	642.95	642.89	5.5	1.10	2	12	1.0	A	RCP
239	12	239	240	640.08	639.53	109.5	0.50	2	30	0.0	A	RCP
240	12	240	245	639.53	638.79	149.3	0.50	2	30	0.0	A	RCP
241	12	241	240	642.48	642.34	13.2	1.00	2	12	1.0	A	RCP
242	12	242	241	643.17	642.85	64.6	0.50	2	12	20.0	A	RCP
243	12	243	242	643.91	643.17	74.0	1.00	2	12	16.0	A	RCP
244	12	244	245	643.72	643.31	41.1	1.00	1	12	2.0	A	RCP
245	13	245	352	637.52	637.17	70.0	0.50	2	36	0.0	A	RCP
246	13	246	245	640.77	640.73	4.0	1.00	1	12	0.0	A	RCP
247	13	247	248	643.21	642.48	72.5	1.01	2	12	18.0	A	RCP
248	13	248	250	642.48	642.16	64.0	0.50	2	12	18.0	A	RCP
249	13	249	248	643.17	642.48	69.0	1.00	2	12	15.0	A	RCP
250	13	250	352	642.16	642.11	5.0	1.00	2	12	1.0	A	RCP
251	13	251	210	635.82	635.71	23.8	0.50	2	36	40.0	B	RCP
252	13	252	210	640.52	640.30	21.3	1.00	1	12	3.0	A	RCP
253	13	253	210	642.19	642.00	18.0	1.00	2	12	5.0	A	RCP
254	16	254	313	636.55	636.35	120.1	1.00	2	12	24.0	B	RCP
255	13	255	261	642.81	642.13	67.5	1.01	2	12	14.0	A	RCP
257	13	257	211	635.16	634.71	87.3	0.50	2	36	171.0	A	RCP
258	13	258	257	635.40	635.16	46.3	0.50	2	36	0.0	B	RCP
259	13	259	260	641.24	640.97	27.0	1.02	2	15	9.0	B	RCP
260	13	260	257	640.97	640.85	11.6	1.00	2	15	5.0	A	RCP
261	13	261	262	642.13	641.86	26.5	1.02	2	12	7.0	A	RCP
262	13	262	259	641.56	641.24	64.0	0.50	2	15	19.0	A	RCP
263	13	263	262	642.13	641.86	27.4	0.99	2	12	6.0	A	RCP
264	13	264	263	642.23	642.16	7.0	1.00	2	12	2.0	A	RCP
265	13	265	264	642.30	642.23	7.0	1.00	2	12	2.0	A	RCP
266	13	266	265	642.47	642.30	16.6	1.02	2	12	3.0	A	RCP
268	13	268	258	640.13	639.85	26.5	1.02	2	12	2.0	B	RCP
269	13	269	268	642.20	642.13	6.5	1.08	2	12	2.0	A	RCP
270	13	270	269	642.35	642.29	7.0	0.86	2	12	2.0	A	RCP
271	13	271	270	642.55	642.44	11.6	0.95	1	12	3.0	A	RCP
272	14	272	273	643.31	642.39	92.5	0.99	2	15	20.0	A	RCP
273	13	273	274	642.30	641.85	72.0	0.63	2	15	19.0	A	RCP
274	13	274	275	641.76	641.13	65.0	0.97	2	15	20.0	A	RCP
275	13	275	276	639.88	639.77	9.7	1.10	2	15	1.0	B	RCP
276	13	276	258	636.42	635.90	105.0	0.50	2	30	0.0	B	RCP
277	13	277	209	641.60	641.51	7.9	1.10	2	12	1.0	B	RCP
278	14	278	279	644.44	643.85	59.5	0.99	2	12	11.0	A	RCP
279	14	279	280	643.85	643.40	64.5	0.70	2	12	14.0	A	RCP
280	14	280	281	641.05	640.98	12.3	0.57	2	15	10.0	B	RCP
281	14	281	209	639.70	638.90	160.0	0.50	2	30	113.0	A	RCP
282	14	282	281	642.51	642.45	15.0	1.00	2	12	5.0	B	RCP
283	14	283	208	642.92	642.83	8.8	1.02	2	12	4.0	A	RCP
284	14	284	287	644.93	644.02	91.0	1.00	2	15	22.0	A	RCP
285	14	285	286	643.83	643.36	47.0	1.00	1	12	0.0	B	RCP
286	14	286	287	643.36	643.11	24.9	1.01	2	12	1.0	B	RCP

STORM SEWER PIPE SCHEDULE

PIPE NUMBER	DRNG SHEET NO.	FROM STRUCT	TO STRUCT	INVERT US	INVERT DS	LENGTH (FT)	SLOPE (%)	TYPE	DIA (IN)	TB	Class	Material
287	14	287	288	642.86	642.54	64.7	0.50	2	15	47.0	A	RCP
288	14	288	289	642.54	642.50	8.2	0.49	2	15	7.0	B	RCP
289	14	289	208	641.91	641.30	122.0	0.50	2	24	114.0	A	RCP
290	14	290	289	642.31	641.91	80.0	0.50	2	24	75.0	A	RCP
291	14	291	290	643.83	643.71	11.5	1.00	2	12	1.0	B	RCP
292	14	292	293	645.15	644.50	65.5	1.00	2	12	20.0	A	RCP
293	14	293	294	644.41	644.36	4.1	1.20	2	12	2.0	B	RCP
294	14	294	290	643.10	642.81	58.5	0.50	2	18	49.0	A	RCP
295	15	295	296	644.73	644.48	24.5	1.00	2	12	8.0	A	RCP
296	15	296	297	644.48	644.15	65.0	0.50	2	12	44.0	A	RCP
297	15	297	298	644.15	644.12	6.3	0.50	2	15	5.0	B	RCP
298	15	298	294	643.77	643.10	133.0	0.50	2	18	111.0	A	RCP
299	15	299	298	644.70	644.02	136.0	0.50	2	15	102.0	A	RCP
300	15	300	299	646.44	646.30	14.1	1.00	1	12	2.0	B	RCP
301	15	301	304	646.50	645.58	92.0	1.00	1	12	13.0	B	RCP
302	17	302	339	625.97	625.92	15.0	0.30	1	24x38	7.0	B	RCEP
303	17	STA. 103+49.39 OFF. 42.93' RT	STA. 103+70.61 OFF. 42.22' RT	625.96	625.85	21.2	0.50	--	36	0.0	52	DIP
304	15	304	309	644.80	644.28	103.3	0.50	2	15	37.0	A	RCP
305	15	305	306	646.86	646.08	78.4	1.00	2	12	17.0	A	RCP
306	15	306	304	646.08	645.87	20.5	1.00	2	12	4.0	B	RCP
307	15	307	308	646.23	645.58	65.0	1.00	2	12	14.0	A	RCP
308	15	308	309	645.58	645.47	11.5	1.00	2	12	4.0	B	RCP
309	15	309	312	642.28	640.93	244.1	0.55	2	18	212.0	A	RCP
310	16	310	311	643.33	642.68	65.0	1.00	2	12	14.0	A	RCP
311	16	311	312	642.68	642.33	11.5	1.00	2	12	3.0	B	RCP
312	16	312	316	636.63	635.16	245.5	0.60	2	18	267.0	A	RCP
313	16	313	314	635.36	634.71	65.0	1.00	2	12	48.0	A	RCP
314	16	314	316	634.71	634.66	7.6	0.66	2	12	7.0	B	RCP
315	16	315	316	638.86	638.75	6.5	1.00	1	12	1.0	B	RCP
316	16	316	198	633.16	632.35	162.9	0.50	2	24	145.0	A	RCP
317	17	317	318	633.13	632.48	65.5	1.00	2	12	13.0	A	RCP
318	17	318	319	632.48	632.44	7.6	0.60	2	12	2.0	B	RCP
319	17	319	324	630.01	628.71	260.0	0.50	2	24	167.0	A	RCP
320	17	320	321	630.74	630.10	65.5	0.98	2	12	13.0	A	RCP
321	17	321	322	630.10	629.74	70.0	0.50	2	12	14.0	A	RCP
322	17	322	324	629.49	629.46	7.8	0.40	2	15	2.0	A	RCP
323	17	323	324	629.82	629.76	5.9	1.00	1	12	1.0	A	RCP
324	17	324	327	626.94	626.21	145.0	0.50	2	36	83.0	A	RCP
325	17	325	326	628.15	627.49	67.1	1.00	2	12	14.0	A	RCP
326	17	326	327	627.49	627.47	4.0	1.00	2	15	1.0	B	RCP
327	17	327	302	626.21	625.97	75.0	0.32	2	24x38	45.0	A	RCEP
328	17	328	329	627.00	626.36	65.5	0.98	2	12	13.0	A	RCP
329	17	329	302	626.36	626.32	3.6	1.10	2	12	1.0	A	RCP
330	17	330	332	626.62	626.44	18.3	0.29	2	12	4.0	A	RCP
331	17	331	333	626.62	626.44	17.8	0.46	2	12	4.0	A	RCP
332	18	332	333	626.44	626.12	64.5	0.50	2	15	13.0	A	RCP
333	18	333	334	626.12	626.09	4.5	0.66	1	14x23	1.0	B	RCEP
334	18	334	339	626.09	625.92	55.8	0.30	1	19x30	23.0	B	RCEP
335	18	335	332	626.61	626.44	16.7	0.32	2	12	3.0	A	RCP
336	18	336	333	626.61	626.44	16.2	0.45	2	12	3.0	A	RCP
337	18	337	338	626.98	626.34	65.5	0.98	2	12	13.0	A	RCP
338	18	338	303	626.34	626.04	19.7	1.50	1	12	3.0	A	RCP
339	17	339	340	625.92	625.90	8.0	0.25	1	24x38	2.0	A	RCEP
341	18	341	342	629.63	628.98	65.5	1.00	1	12	9.0	A	RCP
342	18	342	343	628.73	628.63	15.8	0.50	1	15	1.0	B	RCP
344	18	344	345	630.84	630.19	65.5	1.00	2	12	12.0	A	RCP
345	18	345	342	630.19	628.98	173.0	0.70	2	12	30.0	A	RCP
346	18	346	347	627.27	626.96	51.3	0.60	1	12	0.0	A	RCP
347	18	347	348	626.96	626.85	16.5	0.67	1	12	3.0	A	RCP
349	20	349	350	632.98	632.88	10.0	1.00	1	12	2.0	B	RCP
351	12	351	239	641.18	640.58	110.0	0.55	2	24	0.0	A	RCP
352	13	352	251	637.17	636.91	52.0	0.50	2	36	71.0	A	RCP

TRENCH BACKFILL TOTAL = 5,518.0 CU YD

NOTES:

1. PIPES NO. 1, 3, 4, 5, 8, 9, 10, 14, 18, 22, 23, 28, 29, 32, 204 AND 211 ARE EXISTING PIPES LISTED FOR INFORMATION ONLY.

PROPOSED RIPRAP SCHEDULE

RIP RAP NO.	STRUCTURE NO.	STATION	OFFSET		RIPRAP DETAIL					QUANTITY (SY)
					ROCK	MIN. THICKNESS	APRON LENGTH	BEDDING	MIN. THICKNESS	
1	33	20+03.83	50.9	RT	A4	16"	20'	A1	6"	27
2	34	21+09.83	52.4	LT	A4	16"	17'	A1	6"	14
3	189	57+91.35	75.7	LT	A3	15"	16'	--	--	11
4	191	57+84.07	82.9	RT	A3	15"	15'	--	--	9
5	52	24+50.00	67.3	LT	A4	16"	24'	A1	10"	34
6	35	25+46.75	92.2	LT	A4	16"	20'	A1	6"	31
7	144	60+05.00	71.7	LT	A4	16"	20'	A1	6"	31
8	174	6+73.89	34.5	LT	A4	16"	20'	A1	6"	31
9	187	8+00.00	27.1	LT	A3	15"	14'	--	--	16
10	181	53+50.00	104.0	RT	A4	16"	14'	A1	6"	20
11	348	107+33.16	60.9	LT	A3	15"	12'	--	--	6
12	24	31+00.00	68.6	RT	A3	15"	16'	--	--	11

PB Americas, Inc.
230 WEST MONROE STREET,
SUITE 900
CHICAGO, IL. 60606
(312)782-8150

FILE NAME = duncanbd	DESIGNED - RJD	REVISED - BDD 11/21/2011
	DRAWN - RJD	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - PMK	REVISED -
PLOT DATE = 11/22/2011	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULES

SCALE: | DR SCH 5 OF 5 | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	159
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

c:\pw_work\pwidot\duncanbd\d0214252\V3686985-sht-scheduler-revised.dgn

LEGEND:

- XXX — STRUCTURE NUMBER
- (XXX) — PIPE NUMBER
- PROPOSED DITCH
- ///// — PIPE TO BE REMOVED
- PROPOSED CATCH BASIN
- PROPOSED INLET
- PROPOSED MANHOLE
- PROPOSED STORM SEWER
- PROPOSED UNDERDRAINS
- PROPOSED CONCRETE HEADWALL FOR PIPE DRAIN
- EXISTING CATCH BASIN
- EXISTING INLET
- EXISTING MANHOLE
- EXISTING STORM SEWER
- (A) — ADJUST FRAME AND LID
- [A] — ADJUST FRAME AND GRATE
- [R] — STRUCTURE TO BE REMOVED
- [AB] — ITEM TO BE ABANDONED

MATCHLINE STA. 6+00

BEGIN CONSTRUCTION STA. 7+00.00

℄ US ROUTE 34

℄ EXISTING COMMERCIAL DRIVEWAY STA. 9+25.28

℄ EXISTING COMMERCIAL DRIVEWAY STA. 10+87.50

℄ EXISTING COMMERCIAL DRIVEWAY STA. 9+20.79

LIMIT OF CONSTRUCTION

EXIST. R.O.W.

PROP. TEMP. EASEMENT

MATCHLINE STA. 12+00

3" W(QL-D)(AATUR)

0 20 40 60 HORIZ.
0 5 10 15 VERTICAL
SCALE IN FEET

EXIST. PROFILE ALONG ℄ U.S. ROUTE 34

PROPOSED PGL ALONG U.S. ROUTE 34

EX. SS - TY 3 66.3 LF 33" DIA. RCP @ 0.27%

EX. SS - TY 3 95.3 LF 33" DIA. RCP @ 0.27%

EX. SS - TY 3 124.0 LF 33" DIA. RCP @ 0.07%

EX. SS - TY 3 15.8 LF 33" DIA. RCP @ 1.00%

EX. SS - TY 5 70.6 LF 54" DIA. RCP @ 0.37%

EX. SS - TY 5 162.3 LF 54" DIA. RCP @ 0.38%

INV. EL. 631.30

INV. EL. = 631.12

INV. EL. = 631.10

INV. EL. = 630.84

INV. EL. = 630.74

INV. EL. = 621.16

INV. EL. = 620.90

INV. EL. = 620.88

650 645 640 635 630 625 620 615 610

| | | |

PLAN
SURVEYED
PLOTTED
GRADES CHECKED
R.O.W. CHECKED
NOTE BOOK
NO.
CADD FILE NAME
BY
DATE

EXISTING R.O.W.
PROPOSED PIPE UNDERDRAIN
LIMIT OF CONSTRUCTION
PROPOSED UNDERDRAIN CONNECTION
℄ US ROUTE 34
EXIST. ℄
MATCHLINE STA. 12+00
MATCHLINE STA. 18+00
EXISTING R.O.W.
LIMIT OF CONSTRUCTION
PROP. R.O.W.
+00.00, 95.00 RT

N

0 20 40 60 HORIZ.
0 5 10 15 VERTICAL
SCALE IN FEET

LEGEND:
- XXX STRUCTURE NUMBER
- (XXX) PIPE NUMBER
- PROPOSED DITCH
- ///// PIPE TO BE REMOVED
- PROPOSED CATCH BASIN
- PROPOSED INLET
- PROPOSED MANHOLE
- PROPOSED STORM SEWER
- PROPOSED UNDERDRAINS
- EXISTING CATCH BASIN
- EXISTING INLET
- EXISTING MANHOLE
- EXISTING STORM SEWER
- (A) ADJUST FRAME AND LID
- [A] ADJUST FRAME AND GRATE
- [R] STRUCTURE TO BE REMOVED
- A|B ITEM TO BE ABANDONED
- REC ITEM TO BE RECONSTRUCTED

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
NOTE BOOK
NO.
STRUCTURE NO'S/NO'S CHKD
BY
DATE

+00.00 (RIGHT) EL. 637.04
638.57
-3.06%
-4.62%
EXIST. PROFILE ALONG ℄ U.S. ROUTE 34
PROPOSED PGL ALONG U.S. ROUTE 34
EX. SS - TY 5 162.3 LF 54" DIA. RCP @ 0.38%
EX. SS - TY 3 102.6 LF 54" DIA. RCP @ 0.38%
EX. SS - TY 3 218.9 LF 54" DIA. RCP @ 0.33%
EX. SS - TY 3 165.0 LF 54" DIA. RCP @ 0.61%
INV. EL. = 620.26
INV. EL. = 620.17
INV. EL. = 619.78
INV. EL. = 619.76
INV. EL. = 619.03
INV. EL. = 609.74
INV. EL. = 608.74
INV. EL. = 608.28
RT. DITCH
RIGHT DITCH
LEFT DITCH
+00.00 (RIGHT)
-4.62%

	12+00	12+50	13+00	13+50	14+00	14+50	15+00	15+50	16+00	16+50	17+00	17+50	18+00
EXIST. GL EL.	642.41	641.10	639.40	637.60	635.61	633.52	631.29	628.91	626.56	624.10	621.50	619.05	616.64
PROP. PGL EL.	642.40	640.95	639.29	637.42	635.33	633.03	630.58	628.13	625.68	623.23	620.78	618.44	616.31
	638.57		637.04	634.73	632.42	630.11	627.80	625.49	623.18	620.87	618.56	616.25	613.94

645 640 635 630 625 620 615 610 605

PB Americas, Inc.
230 WEST MONROE STREET,
SUITE 900
CHICAGO, IL. 60606
(312)782-8150

FILE NAME = D366985-sht-2drain.dgn	DESIGNED - RJD	REVISED -	
	DRAWN - RJD	REVISED -	
PLOT SCALE =	CHECKED - PMK	REVISED -	
PLOT DATE = 19-AUG-2011 08:20	DATE - 08-18-2011	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
US ROUTE 34

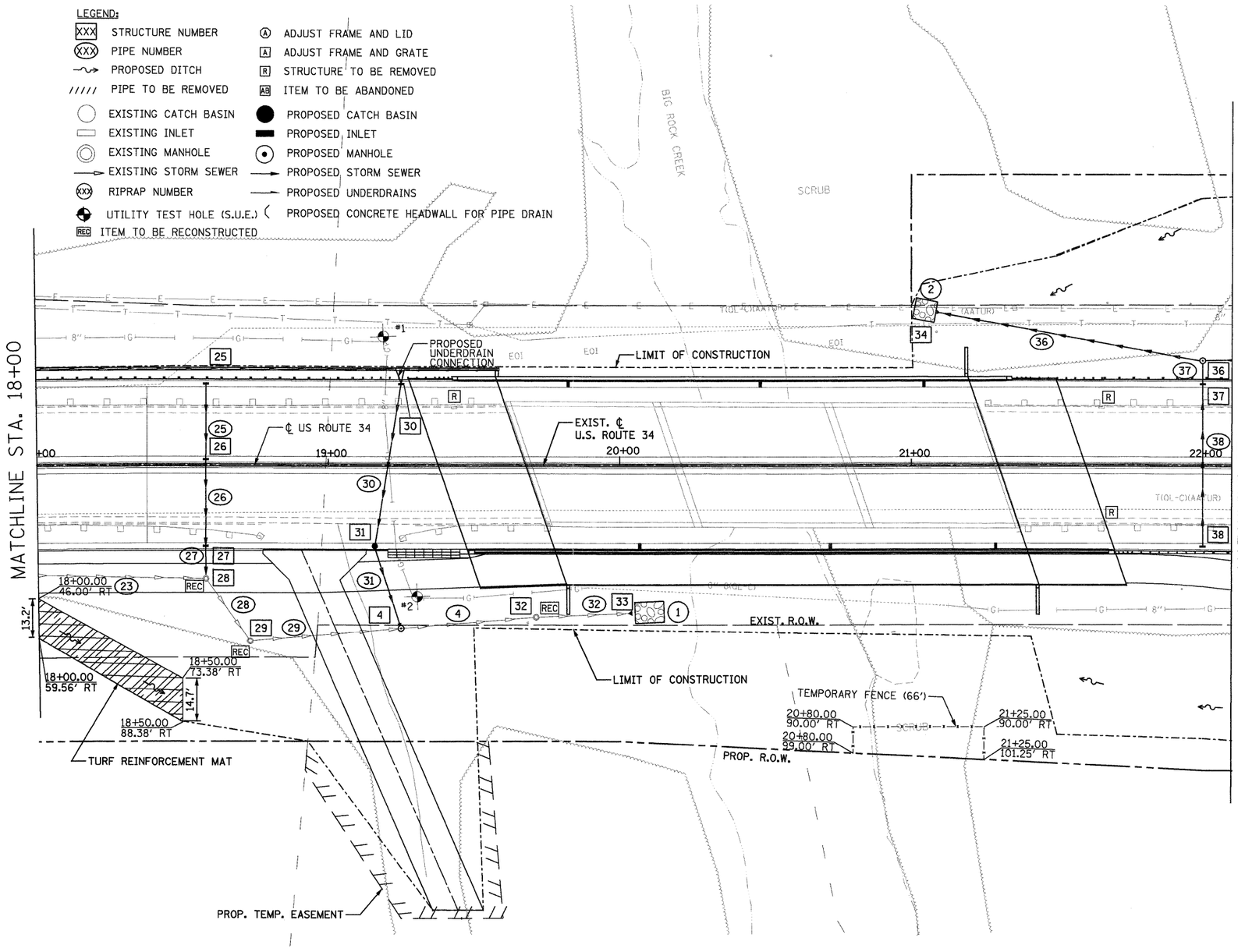
SCALE: AS SHOWN | DRNG - 2 OF 28 | STA. 12+00 TO STA. 18+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	161
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

$FILE$

LEGEND:

XXX STRUCTURE NUMBER	(A) ADJUST FRAME AND LID
(XXX) PIPE NUMBER	[A] ADJUST FRAME AND GRATE
PROPOSED DITCH	[R] STRUCTURE TO BE REMOVED
///// PIPE TO BE REMOVED	[AB] ITEM TO BE ABANDONED
EXISTING CATCH BASIN	PROPOSED CATCH BASIN
EXISTING INLET	PROPOSED INLET
EXISTING MANHOLE	PROPOSED MANHOLE
EXISTING STORM SEWER	PROPOSED STORM SEWER
(XXX) RIPRAP NUMBER	PROPOSED UNDERDRAINS
UTILITY TEST HOLE (S.U.E.)	PROPOSED CONCRETE HEADWALL FOR PIPE DRAIN
[REC] ITEM TO BE RECONSTRUCTED	



PB Americas, Inc. 230 WEST MONROE STREET, SUITE 900 CHICAGO, IL. 60606 (312)782-8150	FILE NAME = D366985-sht-3drain-plan.dgn	DESIGNED - RJD	REVISED -
		DRAWN - RJD	REVISED -
	PLOT SCALE =	CHECKED - PMK	REVISED -
	PLOT DATE = 19-AUG-2011 08:20	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
US ROUTE 34

SCALE: AS SHOWN | DRNG - 3A OF 28 | STA. 18+00 TO STA. 22+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	162
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
ALL DIM. CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
ALL DIM. CHECKED
NOTE BOOK
NO.
STRUCTURE NO
STA'KS CHK'D

0 20 40 60 HORIZ.
0 5 10 15 VERTICAL
SCALE IN FEET

650 645 640 635 630 625 620 615 610 605 600 595 590 585 580 575 570 565

+00.00 (RIGHT)
EL. 613.94

EX. SS - TY 2 720 LF
54" DIA. RCP @ 0.22%

1.62% -13.57%

RT. DITCH

28

INV. EL. = 608.12

607.15

29

4

EX. SS - TY 2
405 LF 54" DIA.
RCP @ 0.56%

EX. SS - TY 2
45.9 LF 54" DIA.
RCP @ 0.56%

32

INV. EL. = 596.72
EX. SS - TY 3 19.2 LF
54" DIA. RCP @ 2.34%
INV. EL. = 596.27

INV. EL. = 595.79

INV. EL. = 596.05

INV. EL. = 595.77

INV. EL. = 595.54

INV. EL. = 592.34

33

EX. SS - TY 2 31.6 LF
54" DIA. RCP @ 2.53%
INV. EL. = 591.54

H.W.E 596.6

INV. EL. = 595.00

36

34

593.76

SS - TY 2 99.2 LF
24" DIA. RCP @ 0.50%

INV. EL. = 595.50

@0.50%

LT. DITCH

@0.40%

592.86

RT. DITCH

INV. EL. = 597.50

	18+00	18+50	19+00	19+50	20+00	20+50	21+00	21+50	22+00
EXIST. GL EL	613.94	RIGHT DITCH	607.15	612.77	611.29	592.39	587.52	592.90	593.10	593.30
PROP. PGL EL.	616.64 / 616.31	LEFT DITCH	614.59 / 614.38	612.65	611.12	609.75	608.61	593.80 / 592.76 / 607.69	594.05 / 607.27 / 607.00	594.30 / 606.59 / 606.53

PB Americas, Inc.
230 WEST MONROE STREET,
SUITE 900
CHICAGO, IL. 60606
(312)782-8150

FILE NAME = D366985-sht-3drain-prof.dgn	DESIGNED - RJD	REVISED -
	DRAWN - RJD	REVISED -
PLOT SCALE =	CHECKED - PMK	REVISED -
PLOT DATE = 19-AUG-2011 08:20	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
US ROUTE 34

SCALE: AS SHOWN | DRNG - 3B OF 28 | STA. 18+00 TO STA. 22+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	163
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

$FILE:$

LEGEND:

XXX STRUCTURE NUMBER	PROPOSED CATCH BASIN	EXISTING CATCH BASIN	(A) ADJUST FRAME AND LID	(XX) RIPRAP NUMBER	
(XXX) PIPE NUMBER	PROPOSED INLET	EXISTING INLET	[A] ADJUST FRAME AND GRATE	UTILITY TEST HOLE (S.U.E.)	
PROPOSED DITCH	PROPOSED MANHOLE	EXISTING MANHOLE	[R] STRUCTURE TO BE REMOVED		
///// PIPE TO BE REMOVED	PROPOSED STORM SEWER	EXISTING STORM SEWER	[AB] ITEM TO BE ABANDONED		
	PROPOSED UNDERDRAINS				
	PROPOSED CONCRETE HEADWALL FOR PIPE DRAIN				

N

℄ EXISTING FIELD ENTRANCE STA. 25+71.48

PROP. TEMP. EASEMENT

LIMIT OF CONSTRUCTION

PROP. R.O.W.

EXISTING R.O.W.

RESTRICTOR MANHOLE SEE DRNG SHEET 28 FOR DETAILS

#3

BRIDGE APPROACH

PROP. ℄ US ROUTE 34

EXIST. ℄ U.S. ROUTE 34

EXISTING BOX CULVERT TO BE REMOVED

MATCHLINE STA. 22+10

MATCHLINE STA. 28+00

23+00 24+00 25+00 26+00 27+00

PROP. 12'X7' PRE-CAST BOX CULVERT
STA. 24+00.00
SEE TRUCTURAL SHEETS

LIMIT OF CONSTRUCTION

PROP. R.O.W.

EXISTING R.O.W.

TURF REINFORCEMENT MAT

28+00.00 66.99' RT

27+50.00 72.83' RT

27+00.00 78.67' RT

28+00.00 87.45' RT

27+50.00 93.78' RT

27+00.00 92.12' RT

13.4' 20.9' 20.5'

10+00 11+00

0 20 40 60

SCALE IN FEET

PB Americas, Inc. 230 WEST MONROE STREET, SUITE 900 CHICAGO, IL. 60606 (312)782-8150	FILE NAME = 0366985-sht-4drain-plan.dgn	DESIGNED - RJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN & PROFILE US ROUTE 34
		DRAWN - RJD	REVISED -		
	PLOT SCALE =	CHECKED - PMK	REVISED -		SCALE: AS SHOWN | DRNG - 4A OF 28 | STA. 22+00 TO STA. 28+00
	PLOT DATE = 19-AUG-2011 08:20	DATE - 08-18-2011	REVISED -		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	164
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

$FILE$

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
GRADES CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE
STRUCTURE NO
STATIONS
OFFSETS
CHK'D

0 20 40 60 HORIZ.
0 5 10 15 VERTICAL
SCALE IN FEET

650 645 640 635 630 625 620 615 610 605 600 595 590 585 580 575 570 565

WC 98A
STA. 24+00.00

PROPOSED PGL ALONG
U.S. ROUTE 34

EXIST. PROFILE ALONG
℄ U.S. ROUTE 34

41
SS - TY 2 71.3 LF
24" DIA. RCP @ 0.52%
INV. EL. = 597.87
INV. EL. = 599.60
+0.50%
+00.00
EL. 594.80
-0.50%
LT. DITCH
RT. DITCH

49
SS - TY 2 96.1 LF
18" DIA. RCP @ 0.50%
INV. EL.= 600.08
LT. DITCH
-0.50%
+0.40%
+00.00
594.30
+00.00
EL. 594.10
+0.76%
+2.39%

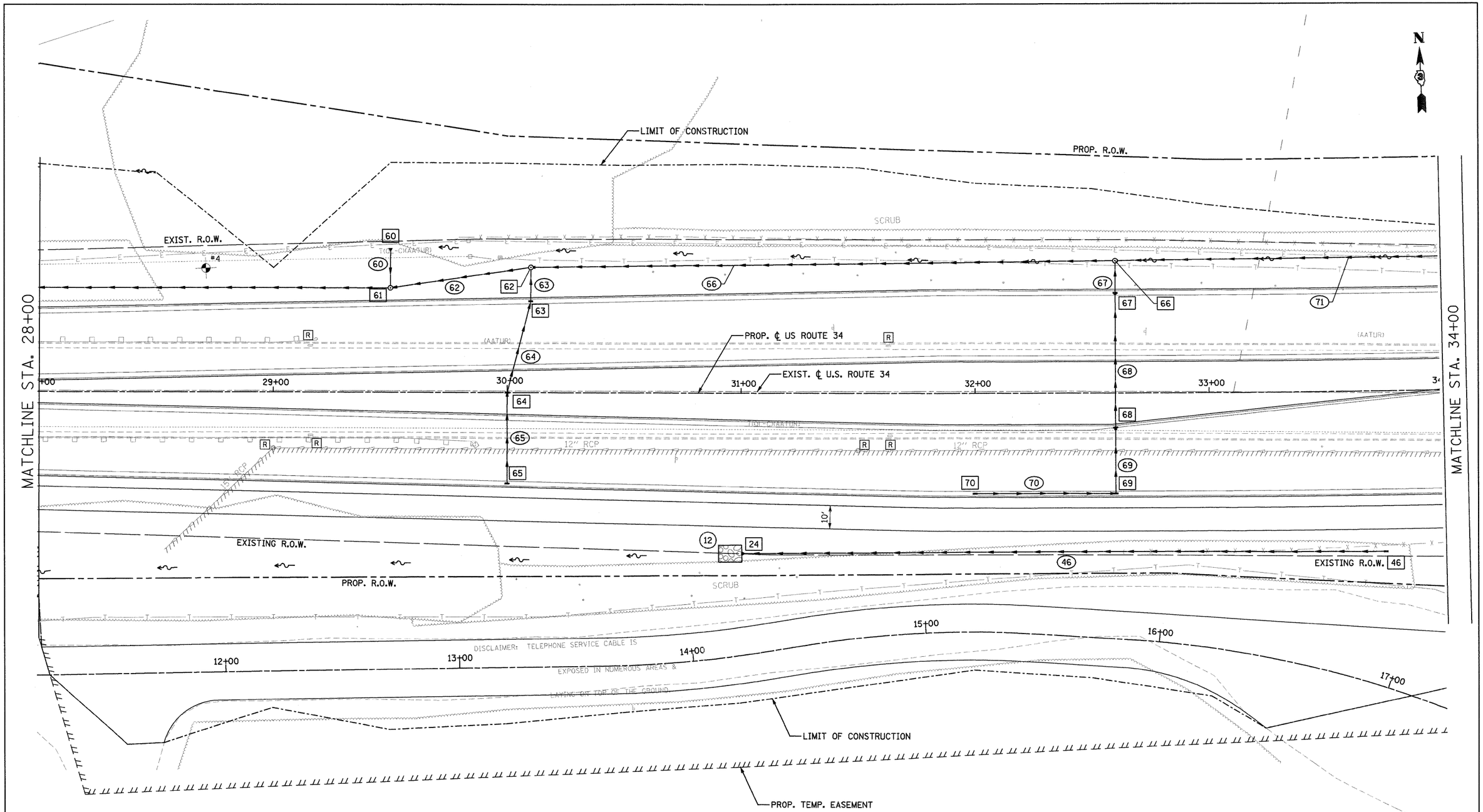
52
SS - TY 2 61.0 LF
48" DIA. RCP @ 0.56%
INV. EL. = 594.68
RT. DITCH +2.39%
LT. DITCH +0.76%

53
SS - TY 2 84.0 LF
48" DIA. RCP @ 0.70%
INV. EL. = 595.02
595.36
RT. DITCH

84
SS - TY 2 144.0 LF
48" DIA. RCP @ 0.70%
INV. EL. = 595.61
INV. EL. = 598.76
3-36" TEMPORARY
PIPE CULVERT
INV. EL. = 594.30
596.20
+2.39%
+00.00
EL. 601.28
+1.69%
+8.14%
EXIST. 12' X 7'
BOX CULVERT

57
RT. DITCH
+8.14%
+00.00
598.79
+1.62%
L. DITCH
INV. EL. = 599.77

| | RIGHT DITCH | LEFT DITCH | | |



LEGEND:

- XXX — STRUCTURE NUMBER
- (XXX) — PIPE NUMBER
- PROPOSED DITCH
- ///// — PIPE TO BE REMOVED
- (XXX) — RIPRAP NUMBER
- PROPOSED CATCH BASIN
- PROPOSED INLET
- PROPOSED MANHOLE
- PROPOSED STORM SEWER
- PROPOSED UNDERDRAINS
- PROPOSED CONCRETE HEADWALL FOR PIPE DRAIN
- EXISTING CATCH BASIN
- EXISTING INLET
- EXISTING MANHOLE
- EXISTING STORM SEWER
- (A) — ADJUST FRAME AND LID
- [A] — ADJUST FRAME AND GRATE
- [R] — STRUCTURE TO BE REMOVED
- [AB] — ITEM TO BE ABANDONED
- UTILITY TEST HOLE (S.U.E.)

0 20 40 60
SCALE IN FEET

PB Americas, Inc.
230 WEST MONROE STREET,
SUITE 900
CHICAGO, IL. 60606
(312)782-8150

FILE NAME = D366985-sht-5drain-plan.dgn	DESIGNED - RJD	REVISED -
	DRAWN - RJD	REVISED -
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PLOT DATE = 19-AUG-2011 08:20	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
US ROUTE 34

SCALE: AS SHOWN | DRNG - 5A OF 28 | STA. 28+00 TO STA. 34+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	166
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

PLAN | SURVEYED | PLOTTED | GRADES CHECKED | R.O.W. CHECKED | NOTE BOOK | NO. | BY | DATE

PROFILE | SURVEYED | PLOTTED | GRADES CHECKED | R.O.W. CHECKED | NOTE BOOK | NO. | BY | DATE

0 20 40 60 HORIZ.
0 5 10 15 VERTICAL
SCALE IN FEET

PROPOSED PGL ALONG U.S. ROUTE 34
EXIST. PROFILE ALONG ℄ U.S. ROUTE 34

+00.00 (RIGHT) EL. 619.15
+00.00 EL. 625.33
+00.00 EL. 629.48
+75.00 EL. 635.12

+5.30% +3.56% +4.64% +3.34% +3.56% +3.30%

LT. DITCH
RT. DITCH
LT. DITCH
RT. DITCH

617.89

EL. 609.42 +5.30%

66
62
61

SS - TY 2 133.0 LF 48" DIA. RCP @ 0.50%
INV. EL. = 622.53

SS - TY 2 54.7 LF 48" DIA. RCP @ 0.51%
INV. EL. = 612.72

INV. EL. = 613.00

SS - TY 3 243.7 LF 48" DIA. RCP @ 0.70%
INV. EL. = 614.7

SS - TY 4 194.0 LF 48" DIA. RCP @ 0.70%
INV. EL. = 601.13

	609.42 598.79	RIGHT DITCH	612.07	614.72	617.37 617.89	620.03 620.21	622.68 622.52	625.33 624.84	627.11 627.16	628.89 629.48	630.67 631.15	632.45 632.82	634.23 634.49	635.95 636.16
		LEFT DITCH												
EXIST. GL EL.	613.69		615.40	617.28	619.15	621.37	624.01	626.48	628.84	630.99	633.40	635.36	637.10	638.92
PROP. PGL EL.	617.71		619.46	621.21	622.96	624.71	626.46	628.21	629.96	631.71	633.46	635.21	636.96	638.63

28+00 28+50 29+00 29+50 30+00 30+50 31+00 31+50 32+00 32+50 33+00 33+50 34+00

PB Americas, Inc.
230 WEST MONROE STREET.
SUITE 900
CHICAGO, IL. 60606
(312)782-8150

FILE NAME = D366985-sht-5drain-prof.dgn	DESIGNED - RJD	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
US ROUTE 34

SCALE: AS SHOWN | DRNG - 5B OF 28 | STA. 28+00 TO STA. 34+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	167
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

$FILE$

LEGEND:

XXX STRUCTURE NUMBER
(XXX) PIPE NUMBER
PROPOSED DITCH
PIPE TO BE REMOVED
PROPOSED CATCH BASIN
PROPOSED INLET
PROPOSED MANHOLE
PROPOSED STORM SEWER
PROPOSED UNDERDRAINS
PROPOSED CONCRETE HEADWALL FOR PIPE DRAIN
EXISTING CATCH BASIN
EXISTING INLET
EXISTING MANHOLE
EXISTING STORM SEWER
(A) ADJUST FRAME AND LID
[A] ADJUST FRAME AND GRATE
[R] STRUCTURE TO BE REMOVED
[AB] ITEM TO BE ABANDONED
UTILITY TEST HOLE (S.U.E.)

MATCHLINE STA. 34+00

MATCHLINE STA. 40+00

PROP. R.O.W.

LIMIT OF CONSTRUCTION

EXISTING R.O.W.

PROP. ℄ US ROUTE 34

EXIST. ℄ U.S. ROUTE 34

35+00

36+00

37+00

38+00

39+00

10+00

11+00

12" RCP

10" RCP

T(OL-C)(AATUR)

EOI

(AATUR)

8" C(OL-C)

EXIST. R.O.W.

MUST FIELD VERIFY EXACT LOCATION AND INVERTS OF EXISTING SANITARY SEWER BEFORE CONSTRUCTION

EX SAN MH
RIM=643.12
SW FL=615.70 (30")
N FL=615.80 (30")

CONNECT EX. PIPE TO PROPOSED STRUCTURE TO MAINTAIN FLOW ELEVATION OF CONNECTION INVERTS TO BE FIELD VERIFIED

EX. STORM SEWER LAYOUT AND CONNECTION TO BE VERIFIED

PROP. TEMP. EASEMENT

18+00

19+00

℄ ACCESS DRIVE TO BATCH PLANT

8+00

9+00

PLUG PIPE

0 20 40 60
SCALE IN FEET

PB Americas, Inc. 230 WEST MONROE STREET, SUITE 900 CHICAGO, IL. 60606 (312)782-8150	FILE NAME = 0366985-sht-6d-drain-plan.dgn	DESIGNED - RJD	REVISED -
		DRAWN - RJD	REVISED -
	PLOT SCALE =	CHECKED - PMK	REVISED -
	PLOT DATE = 19-AUG-2011 08:22	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
US ROUTE 34

SCALE: AS SHOWN | DRNG - 6A OF 28 | STA. 34+00 TO STA. 40+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	168
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

$FILE1$

PLAN
SURVEYED
DRAWN
ALIGNMENT CHECKED
R.O.W. CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
PROFILE CHECKED
R.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

0 20 40 60 HORIZ.
0 5 10 15 VERTICAL
SCALE IN FEET

680 675 670 665 660 655 650 645 640 635 630 625 620 615 610 605 600

EXIST. PROFILE ALONG ℄ U.S. ROUTE 34
PROPOSED PGL ALONG U.S. ROUTE 34
℄ NEEDHAM RD.
STA. 37+65.92
+00.00 EL. 639.50
+00.00 EL. 639.25
+40.00 EL. 642.82
+90.00 EL. 640.55
LT. DITCH
RT. DITCH
+3.34%
+3.30%
+0.90%
+1.15%
-0.50%
+0.30%
641.47
641.67
643.02
640.50
71
75
76
83
SS - TY 3 252.9 LF
48" DIA. RCP @ 0.50%
SS - TY 3 118.0 LF
24" DIA. RCP @ 1.23%
SS - TY 3 169.1 LF
48" DIA. RCP @ 0.50%
SS - TY 3 284.0 LF
36" DIA. RCP @ 0.50%
INV. EL. = 623.19
INVERT EL. = 624.46
INV. EL. = 625.31
INV. EL. = 626.31

	34+00	34+50	35+00	35+50	36+00	36+50	37+00	37+50	38+00	38+50	39+00	39+50	40+00
RIGHT DITCH	635.95	637.60	639.25	639.83	640.40	640.98	641.31		643.02	642.85	643.00	643.15	643.30
LEFT DITCH	636.16	637.83	639.50	639.95	640.40	640.86				640.53	640.68	640.83	641.01
EXIST. GL EL.	638.92	640.43	641.60	642.76	643.86	644.82	645.50	646.06	646.30	646.71	647.21	647.40	647.46
PROP. PGL EL.	638.63	640.16	641.53	642.75	643.82	644.74	645.51	646.13	646.59	646.91	647.07	647.08	646.95

FILE1

PB Americas, Inc.
230 WEST MONROE STREET,
SUITE 900
CHICAGO, IL. 60606
(312)782-8150

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
US ROUTE 34

SCALE: AS SHOWN | DRNG - 6B OF 28 | STA. 34+00 TO STA. 40+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	169
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

PROP. R.O.W.

LIMIT OF CONSTRUCTION

LIMIT OF CONTRACTOR ACCESS (LEASED PROPERY LINE)

N

MATCHLINE STA. 40+00

MATCHLINE STA. 46+00

EXISTING R.O.W.

PROP. ℄ US ROUTE 34

EXIST. ℄ U.S. ROUTE 34

EOI

(AATUR)

*17

*18

*19

+00 41+00 42+00 43+00 44+00 45+00 46

LIMIT OF CONSTRUCTION

PROP. R.O.W.

LIMIT OF CONTRACTOR ACCESS (LEASED PROPERY LINE)

LEGEND (CONT.):

- PROPOSED UNDERDRAINS
- PROPOSED CONCRETE HEADWALL FOR PIPE DRAIN
- UTILITY TEST HOLE (S.U.E.)

0 20 40 60 HORIZ.

0 5 10 15 VERTICAL

SCALE IN FEET

LEGEND:

- XXX STRUCTURE NUMBER
- XXX PIPE NUMBER
- PROPOSED DITCH
- ///// PIPE TO BE REMOVED
- PROPOSED CATCH BASIN
- PROPOSED INLET
- PROPOSED MANHOLE
- PROPOSED STORM SEWER
- EXISTING CATCH BASIN
- EXISTING INLET
- EXISTING MANHOLE
- EXISTING STORM SEWER
- (A) ADJUST FRAME AND LID
- [A] ADJUST FRAME AND GRATE
- [R] STRUCTURE TO BE REMOVED
- [AB] ITEM TO BE ABANDONED

650
645
640
635
630
625

PROPOSED PGL ALONG U.S. ROUTE 34

EXIST. PROFILE ALONG ℄ U.S. ROUTE 34

RT. DITCH

LT. DITCH

.60%

+0.30%

+0.50%

+00.00 EL. 644.90

88 100 103 106

SS - TY 3 284.0 LF 36" DIA. RCP @ 0.50%

INV. EL. = 627.73

SS - TY 3 113.8 LF 30" DIA. RCP @ 0.50%

INV. EL. = 628.23

SS - TY 3 101.3 LF 30" DIA. RCP @ 0.50%

INV. EL. = 628.80

SS - TY 3 130.0 LF 24" DIA. RCP @ 0.50%

INV. EL. = 629.81

INV. EL. = 629.31

SS - TY 3 130.0 LF 24" DIA. RCP @ 0.50%

INV. EL. = 630.46

| | RIGHT DITCH | LEFT DITCH | | |

LEGEND:

XXX	STRUCTURE NUMBER	PROPOSED CATCH BASIN	EXISTING CATCH BASIN	A ADJUST FRAME AND LID	PROPOSED UNDERDRAINS
(XXX)	PIPE NUMBER	PROPOSED INLET	EXISTING INLET	A ADJUST FRAME AND GRATE	PROPOSED CONCRETE HEADWALL FOR PIPE DRAIN
~~>	PROPOSED DITCH	PROPOSED MANHOLE	EXISTING MANHOLE	R STRUCTURE TO BE REMOVED	UTILITY TEST HOLE (S.U.E.)
/////	PIPE TO BE REMOVED	PROPOSED STORM SEWER	EXISTING STORM SEWER	AB ITEM TO BE ABANDONED	

0 20 40 60 HORIZ.
0 5 10 15 VERTICAL
SCALE IN FEET

LIMIT OF CONTRACTOR ACCESS (LEASED PROPERY LINE)
LIMIT OF CONSTRUCTION

N

MATCHLINE STA. 46+00

MATCHLINE STA. 52+00

EXISTING R.O.W.
EXIST. ℄ U.S. ROUTE 34
PROP. ℄ US ROUTE 34
46+00
47+00
48+00
49+00
50+00
51+00
52
(LATER)
EXISTING R.O.W.
EXISTING R.O.W.
EXIST. R.O.W.
46+50.00
61.00' RT
47+00.00
70.30' RT
47+55.00
88.06' RT
46+50.00
72.03' RT
47+00.00
93.30' RT
47+55.00
111.06' RT
11.0'
23.0'
23.0'
TURF REINFORCEMENT MAT
LIMIT OF CONSTRUCTION
LIMIT OF CONTRACTOR ACCESS
(LEASED PROPERY LINE)
OVERFLOW PIPE
12'

EXIST. PROFILE ALONG
℄ U.S. ROUTE 34
PROPOSED PGL ALONG
U.S. ROUTE 34
+0.50%
+0.50%
+50.00
ELI 645.75
-7.57%
RT. DITCH
+55.00
637.80
+0.50%
RT. DITCH
LT. DITCH AT 0.60%
+0.50%
INV. EL. = 643.04
SS - TY 2 45.0 LF
12" DIA. RCP @ 1.00%
INV. EL. = 643.49
INVERT LOWERED TO ACCOMODATE FUTURE
CONNECTION FROM INFILTRATION BASIN
OVERFLOW STRUCTURE
SS - TY 3 130.0 LF
24" DIA. RCP @ 0.50%
INV. EL. = 631.76
INV. EL. = 631.11
RIGHT DITCH
LEFT DITCH

655 650 645 640 635 630

	46+00	46+50	47+00	47+50	48+00	48+50	49+00	49+50	50+00	50+50	51+00	51+50	52+00
EXIST. GL EL.	645.50	645.75	641.96	638.18	638.03	638.28	638.53	638.78	639.03	639.28	639.53	639.78	640.03
PROP. PGL EL.	644.60	644.90	645.20	645.50	645.80	646.10	646.40	646.70	647.00	647.30	647.60	647.90	648.20
	650.78	651.29	651.72	652.33	652.67	653.20	653.79	654.23	654.77	655.08	655.55	656.05	656.12
	647.26	647.51	647.76	648.01	648.26	648.51	648.76	649.01	649.26	649.51	649.76	650.01	650.26

PLAN — SURVEYED | PLOTTED | DRAWN | CHECKED | R.O.W. DEPT. CHECKED | R.O.W. CHECKED | CADD FILE NAME | NOTE BOOK | NO. | BY | DATE

PROFILE — SURVEYED | PLOTTED | DRAWN | CHECKED | B.M. NOTED | STRUCTURE NO'S ATT'N'S CHK'D | NOTE BOOK | NO. | BY | DATE

PB Americas, Inc.
230 WEST MONROE STREET,
SUITE 900
CHICAGO, IL. 60606
(312)782-8150

FILE NAME = D366985-sht-8drain.dgn	DESIGNED - RJD	REVISED -
	DRAWN - RJD	REVISED -
PLOT SCALE =	CHECKED - PMK	REVISED -
PLOT DATE = 19-AUG-2011 08:20	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
US ROUTE 34

SCALE: AS SHOWN | DRNG - 8 OF 28 | STA. 46+00 TO STA. 52+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	171
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

$FILE1.$

LEGEND:

XXX STRUCTURE NUMBER
(XXX) PIPE NUMBER
PROPOSED DITCH
PIPE TO BE REMOVED
(XXX) RIPRAP NUMBER
PROPOSED CATCH BASIN
PROPOSED INLET
PROPOSED MANHOLE
PROPOSED STORM SEWER
PROPOSED UNDERDRAINS
PROPOSED CONCRETE HEADWALL FOR PIPE DRAIN
EXISTING CATCH BASIN
EXISTING INLET
EXISTING MANHOLE
EXISTING STORM SEWER
(A) ADJUST FRAME AND LID
[A] ADJUST FRAME AND GRATE
[R] STRUCTURE TO BE REMOVED
[AB] ITEM TO BE ABANDONED
UTILITY TEST HOLE (S.U.E.)

LIMIT OF CONTRACTOR ACCESS (LEASED PROPERY LINE)
LIMIT OF CONSTRUCTION
EXISTING R.O.W.
EXIST. ℄ U.S. ROUTE 34
PROP. ℄ US ROUTE 34
(AADTUR)
MATCHLINE STA. 52+00
MATCHLINE STA. 58+00
INFILTRATION BASIN TOP OF BANK (SEE BASIN DETAIL ON DRNG SH 26)
INFILTRATION BASIN BOTTOM AT EL. 637.00'
PROP. PERMANENT SEDIMENTATION BASIN SEE DETAIL A ON DRNG SHEET 26
52+11.00 62.84' RT
51+99.00 63.62' RT
52+50.00 113.16' RT
52+40.28 118.80' RT
55+40.70 61.00' RT
55+45.00 61.00' RT
4:1
0 20 40 60 HORIZ.
0 5 10 15 VERTICAL
SCALE IN FEET

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
GRADES CHECKED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
CADD FILE NAME
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

EXIST. PROFILE ALONG ℄ U.S. ROUTE 34
PROPOSED PGL ALONG U.S. ROUTE 34
NOTE: FOR SHARED USE PATH SEE CROSS SECTIONS
LT. DITCH
RT. DITCH
RIGHT DITCH
LEFT DITCH
+0.50%
+0.60%
-0.54%
+0.00%
SS - TY 2 95.5 LF 18" DIA. RCP @ 0.50%
SS - TY 2 96.0 LF 18" DIA. RCP @ 0.50%
SS - TY 3 99.0 LF 30" DIA. RCP @ 0.31%
US INV. EL. = 637.49
DS INV. EL. = 637.18
SS - TY 2 175.0 LF 30" DIA. RCP @ 0.64%
SS - TY 2 130.0 LF 30" DIA. RCP @ 0.50%
SS - TY 2 30.0 LF 30" DIA. RCP @ 0.50%
SS - TY 2 102.0 LF 30" DIA. RCP @ 0.50%
INV. EL. = 642.07
INV. EL. = 641.59
INV. EL. = 640.23
INV. EL. = 639.97
INV. EL. = 639.49
INV. EL. = 637.69
INV. EL. = 638.17
INV. EL. = 638.82
INV. EL. = 639.47
BOTTOM OF PROPOSED INFILTRTION BASIN
+00.00 637.00
+40.32
+50.00
+33.33
655
650
645
640
635

EXIST. GL	640.03	637.00	637.00	637.00	637.00	637.00	637.00	637.00	637.00	637.00	637.00	637.00	637.00	637.00
PROP. PGL EL.	648.20	648.50	648.80	648.53	648.26	647.99	647.72	647.45	647.18	646.92	646.65	646.38	646.11	
	656.12	656.33	656.25	656.25	656.10	656.12	655.96	655.85	655.70	655.46	655.32	655.28	655.28	
	650.26	650.51	650.76	651.01	651.26	651.51	651.76	652.01	652.26	652.51	652.76	653.01	653.26	
	52+00	52+50	53+00	53+50	54+00	54+50	55+00	55+50	56+00	56+50	57+00	57+50	58+00	

PB Americas, Inc.
230 WEST MONROE STREET, SUITE 900
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(312)782-8150

FILE NAME = duncanbd	DESIGNED - RJD	REVISED - BDD 11/21/2011	
	DRAWN - RJD	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - PMK	REVISED -	
PLOT DATE = 11/22/2011	DATE - 08-18-2011	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
US ROUTE 34

SCALE: AS SHOWN | DRNG - 9 OF 28 | STA. 52+00 TO STA. 58+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	172
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

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LEGEND:

- XXX — STRUCTURE NUMBER
- (XXX) — PIPE NUMBER
- PROPOSED DITCH
- PIPE TO BE REMOVED
- PROPOSED CATCH BASIN
- PROPOSED INLET
- PROPOSED MANHOLE
- PROPOSED STORM SEWER
- PROPOSED UNDERDRAINS
- PROPOSED CONCRETE HEADWALL FOR PIPE DRAIN
- EXISTING CATCH BASIN
- EXISTING INLET
- EXISTING MANHOLE
- EXISTING STORM SEWER
- (A) ADJUST FRAME AND LID
- [A] ADJUST FRAME AND GRATE
- [R] STRUCTURE TO BE REMOVED
- [AB] ITEM TO BE ABANDONED
- UTILITY TEST HOLE (S.U.E.)
- (XXX) RIPRAP NUMBER

LIMIT OF CONSTRUCTION

FLOW LEAVES CONSTRUCTION SITE TO BE COLLECTED BY OTHERS

PROP. ℄ US ROUTE 34

EXIST. ℄ U.S. ROUTE 34

EX. 24" RCP CULVERT

RCP 24" (AAYUR)

EXISTING R.O.W.

PROP. R.O.W.

MATCHLINE STA. 58+00

MATCHLINE STA. 63+50

0 20 40 60 HORIZ.
0 5 10 15 VERTICAL
SCALE IN FEET

PIPE 143
PROPOSED CULVERT
24" DIA. RCP @ 0.83%

SS - TY 2 249.1 LF
30" DIA. RCP @ 0.50%

SS - TY 2 68.0 LF
24" DIA. RCP @ 0.50%

SS - TY 2 85.4 LF
24" DIA. RCP @ 0.30%

SS - TY 2 75.4 LF
24" DIA. RCP @ 0.53%

SS - TY 2 85.3 LF
18" DIA. RCP @ 0.50%

RT. DITCH
LT. DITCH

-0.30% +1.11% -0.54%

INV. EL. = 641.23
INV. EL. = 641.73
INV. EL. = 642.12
INV. EL. = 642.35
INV. EL. = 642.23
INV. EL. = 642.73

	58+00	58+50	59+00	59+50	60+00	60+50	61+00	61+50	62+00	62+50	63+00	63+50
EXIST. GL	647.39	647.24	647.09	646.94	646.79	647.27	647.83	648.38	648.93	649.49	650.04	650.60
PROP. PGL EL.	646.11	645.84	645.57	645.30	645.03							
	655.28	654.81	654.65	654.40	654.37	654.17	654.11	653.98	653.71	653.20	652.98	652.79
	653.26	653.51	653.72	653.78	653.69	653.52	653.35	653.18	653.01	652.84	652.67	652.50

RIGHT DITCH
LEFT DITCH

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / GRADES CHECKED / BEARINGS NOTED / CADD FILE NAME — BY — DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / BEARINGS NOTED / STRUCTURE NOTATIONS CHKD — NOTE BOOK — NO. — BY — DATE

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PB Americas, Inc.
230 WEST MONROE STREET,
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CHICAGO, IL. 60606
(312)782-8150

FILE NAME = duncanbd	DESIGNED - RJD	REVISED - BDD 11/21/2011
	DRAWN - RJD	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - PMK	REVISED -
PLOT DATE = 11/22/2011	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
US ROUTE 34

SCALE: AS SHOWN | DRNG - 10 OF 28 | STA. 58+00 TO STA. 63+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	173
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

LEGEND:

XXX STRUCTURE NUMBER	PROPOSED CATCH BASIN	EXISTING CATCH BASIN	(A) ADJUST FRAME AND LID
(XXX) PIPE NUMBER	PROPOSED INLET	EXISTING INLET	[A] ADJUST FRAME AND GRATE
PROPOSED DITCH	PROPOSED MANHOLE	EXISTING MANHOLE	[R] STRUCTURE TO BE REMOVED
PIPE TO BE REMOVED	PROPOSED STORM SEWER	EXISTING STORM SEWER	[AB] ITEM TO BE ABANDONED

N

PROP. R.O.W.
EXISTING R.O.W.
EXIST. R.O.W.
LIMIT OF CONSTRUCTION
WAUBONSEE DRIVE
11+00
10+00
9+00
MATCHLINE STA. 63+50
MATCHLINE STA. 69+50
PROP. ℄ U.S. ROUTE 34
EXIST. ℄
64+00
65+00
66+00
67+00
68+00
69+00
(ARTUR)
TMP
EXISTING R.O.W.
LIMIT OF CONSTRUCTION
PROP. R.O.W.

0 20 40 60 HORIZ.
0 5 10 15 VERTICAL
SCALE IN FEET

EXIST. GROUND ALONG ℄ U.S. ROUTE 34
RT. DITCH
INV. EL. = 643.66
INV. EL. = 644.16
SS - TY 2 31.2 LF 12" DIA. RCP @ 1.00%
INV. EL. = 644.47
SS - TY 2 86.0 LF 24" DIA. RCP @ 0.50%
INV. EL. = 643.00
INV. EL. = 642.57
SS - TY 2 96.0 LF 24" DIA. RCP @ 0.50%
-0.60%
+0.61%
EL. = 645.76

660 655 650 645 640 635

652.79 652.50 | 652.62 652.33 | 652.43 652.16 | 652.23 651.99 | 652.04 651.82 | 651.88 651.65 | 651.72 651.48 | 651.53 651.31 | 651.35 651.14 | 651.13 650.97 | 651.00 650.80 | 650.90 650.63 | 650.74 650.46

63+50 64+00 64+50 65+00 65+50 66+00 66+50 67+00 67+50 68+00 68+50 69+00 69+50

PLAN: SURVEYED; PLOTTED; CROSS CHECKED; ALIGNMENT CHECKED; RT. OF WAY CHECKED; CADD FILE NAME; NOTE BOOK; NO.; BY; DATE

PROFILE: SURVEYED; PLOTTED; CROSS CHECKED; B.M. NOTED; STRUCTURE NOTATNS CHKD; NOTE BOOK; NO.; BY; DATE

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PB Americas, Inc.
230 WEST MONROE STREET,
SUITE 900
CHICAGO, IL 60606
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FILE NAME = duncanbd	DESIGNED - RJD	REVISED - BDD 09-29-2011
	DRAWN - RJD	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - PMK	REVISED -
PLOT DATE = 9/29/2011	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
US ROUTE 34

SCALE: AS SHOWN | DRNG - 11 OF 28 | STA. 64+00 TO STA. 69+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	174
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

℄ EXISTING PRIVATE ENTRANCE STA. 73+06.97

PROP. TEMP. EASEMENT

LIMIT OF CONSTRUCTION

EXISTING R.O.W.

EXIST. & PROP. ℄ US ROUTE 34

MATCHLINE STA. 69+50

MATCHLINE STA. 75+50

℄ EXISTING FIELD ENTRANCE STA. 72+34.94

EX INLET BEEHIVE RIM=644.47 E FL=641.57 (24" RCP)

EX INLET TY. 1 O.L. RIM=644.89 W FL=641.12 (24" RCP) E FL=641.07 (24" RCP)

BURIED FEL MARKER

CONC

RIPRAP

PROP. R.O.W.

FL= 645.33 CMP 15" FL= 645.34

FL=645.03

FL=645.0 CMP 15" L=644.98

CMP 15"

70+00 71+00 72+00 73+00 74+00 75+00

N

0 20 40 60 HORIZ.

0 5 10 15 VERTICAL

SCALE IN FEET

LEGEND:

XXX STRUCTURE NUMBER	PROPOSED CATCH BASIN	EXISTING CATCH BASIN	Ⓐ ADJUST FRAME AND LID
(XXX) PIPE NUMBER	PROPOSED INLET	EXISTING INLET	Ⓐ ADJUST FRAME AND GRATE
PROPOSED DITCH	PROPOSED MANHOLE	EXISTING MANHOLE	Ⓡ STRUCTURE TO BE REMOVED
///// PIPE TO BE REMOVED	PROPOSED STORM SEWER	EXISTING STORM SEWER	AB ITEM TO BE ABANDONED
	PROPOSED UNDERDRAINS		UTILITY TEST HOLE (S.U.E.)
	PROPOSED CONCRETE HEADWALL FOR PIPE DRAIN		

PLAN: SURVEYED — PLOTTED — ALIGNMENT CHECKED — R/W. OF WAY CHECKED — CADD FILE NAME — NOTE BOOK — NO. — BY — DATE

PROFILE: SURVEYED — PLOTTED — GRADES CHECKED — B.M. NOTED — STRUCTURE NOTATIONS CHKD — NOTE BOOK — NO. — BY — DATE

EXIST. GROUND ALONG ℄ U.S. ROUTE 34

PROPOSED U.S. ROUTE 34 PGL

230 +00.00 EL. 646.41 +0.61% -1.03% RT. DITCH

231 +86.00 EL. 645.53 -1.03% +0.30%

SS - TY 2 88.0 LF 24" DIA. RCP @ 0.50%

SS - TY 2 95.0 LF 24" DIA. RCP @ 0.50%

SS - TY 2 110.0 LF 24" DIA. RCP @ 0.55%

SS - TY 2 109.5 LF 30" DIA. RCP @ 0.5%

SS - TY 2 149.3 LF 30" DIA. RCP @ 0.50%

INV. EL. = 642.09

INV. EL. = 641.65

INV. EL. = 641.18

INV. EL. = 640.58

INV. EL. = 640.08

INV. EL. = 639.53

RIGHT DITCH

LEFT DITCH

| | | |

LEGEND:

- XXX STRUCTURE NUMBER
- (XXX) PIPE NUMBER
- PROPOSED DITCH
- ///// PIPE TO BE REMOVED
- PROPOSED CATCH BASIN
- PROPOSED INLET
- PROPOSED MANHOLE
- PROPOSED STORM SEWER
- PROPOSED UNDERDRAINS
- PROPOSED CONCRETE HEADWALL FOR PIPE DRAIN
- EXISTING CATCH BASIN
- EXISTING INLET
- EXISTING MANHOLE
- EXISTING STORM SEWER
- (A) ADJUST FRAME AND LID
- [A] ADJUST FRAME AND GRATE
- [R] STRUCTURE TO BE REMOVED
- [AB] ITEM TO BE ABANDONED
- UTILITY TEST HOLE (S.U.E.)

N

MATCHLINE STA. 75+50

MATCHLINE STA. 81+50

LIMIT OF CONSTRUCTION

PROP. R.O.W.

EX INLET
TY. 1 O.L.
RIM=643.08
S FL=635.15 (24" STEEL)

STA. 77+86.46 PROP. ℄ US ROUTE 34=
STA. 30+00.00 ℄ MITCHELL DRIVE

BURIED GAS MARKER

RIPRAP

CONC

EXIST. & PROP. ℄ US ROUTE 34

FILL PIPE

RESTRICTOR MANHOLE SEE DRNG SHEET 28 FOR DETAILS

℄ MITCHELL DRIVE

EX. SIGNALS CONDUIT

BURIED TEL MARKER

EXISTING R.O.W.

76+00 77+00 78+00 79+00 80+00 81+00

EX INLET
TY. 1 O.L.
RIM=644.37
W FL=640.57 (24" RCP)
E FL=640.52 (24" RCP)

EX STM MH
RIM=647.21
W FL=640.01 (24" RCP)
N FL=634.76 (24" STEEL)
E FL=641.15 (24" RCP)
S FL=634.61 (36" RCP)

29+00 MITCHELL DRIVE

0 20 40 60 HORIZ.
0 5 10 15 VERTICAL
SCALE IN FEET

SS - TY 2 23.75 LF
36" DIA. RCP @ 0.50%

SS - TY 2 27.7 LF
36" DIA. RCP @ 0.50%

EXIST. GROUND ALONG ℄ U.S. ROUTE 34

PROPOSED U.S. ROUTE 34 PGL

RT. DITCH

LT. DITCH

SS - TY 2 70.0 LF
36" DIA. RCP @ 0.50%

SS - TY 2 52.0 LF
36" DIA. RCP @ 0.50%

SS - TY 2 87.3 LF
36" DIA. RCP @ 0.50%

EX. SS-36" DIA. RCP @ 0.30%

SS - TY 2 46.3 LF
36" DIA. RCP @ 0.51%

SS - TY 2 105.0 LF
30" DIA. RCP @ 0.51%

SS - TY 2 120.0 LF
30" DIA. RCP @ 0.51%

RIGHT DITCH
LEFT DITCH

INV. EL. = 637.52
INV. EL. = 638.79
INV. EL. = 637.17
INV. EL. = 636.91
INV. EL. = 635.82
INV. EL. = 635.71
INV. EL. = 635.57
INV. EL. = 634.71
INV. EL. = 634.61
INV. EL. = 635.16
INV. EL. = 635.40
INV. EL. = 635.90
INV. EL. = 638.30
INV. EL. = 636.42
INV. EL. = 638.90

	75+50	76+00	76+50	77+00	77+50	78+00	78+50	79+00	79+50	80+00	80+50	81+00	81+50
EXIST. GL EL.	645.06	645.22	644.97	644.72	644.15	643.30	643.57	643.89	644.29	644.70	645.15	646.16	
PROP. PGL EL.	648.54	648.40	648.21	648.12	648.01	647.93	647.90	647.86	647.93	648.02	648.17	648.34	648.51
	648.64	648.47	648.30	648.13	647.96	647.79	647.62	647.46	647.42	647.55	647.80	648.05	648.31

PLAN: SURVEYED — BY — DATE; PLOTTED; DESIGN CHECKED; E.W. NOTED; STRUCTURE NOTATNS CHKD; NOTE BOOK; NO.

PROFILE: SURVEYED — BY — DATE; PLOTTED; DESIGN CHECKED; E.W. NOTED; STRUCTURE NOTATNS CHKD; NOTE BOOK; NO.

$FILE1$

PB Americas, Inc.
230 WEST MONROE STREET,
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CHICAGO, IL. 60606
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FILE NAME = D366985-sht-13drain.dgn	DESIGNED - RJD	REVISED -
	DRAWN - RJD	REVISED -
PLOT SCALE =	CHECKED - PMK	REVISED -
PLOT DATE = 19-AUG-2011 08:21	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
US ROUTE 34

SCALE: AS SHOWN | DRNG - 13 OF 28 | STA. 75+00 TO STA. 81+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	176
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

LEGEND:

XXX STRUCTURE NUMBER
(XXX) PIPE NUMBER
PROPOSED DITCH
////// PIPE TO BE REMOVED
PROPOSED CATCH BASIN
PROPOSED INLET
PROPOSED MANHOLE
PROPOSED STORM SEWER
PROPOSED UNDERDRAINS
PROPOSED CONCRETE HEADWALL FOR PIPE DRAIN
EXISTING CATCH BASIN
EXISTING INLET
EXISTING MANHOLE
EXISTING STORM SEWER
A ADJUST FRAME AND LID
A ADJUST FRAME AND GRATE
R STRUCTURE TO BE REMOVED
AB ITEM TO BE ABANDONED
UTILITY TEST HOLE (S.U.E.)

PLAN
SURVEYED
PLOTTED
QUANTITIES CHECKED
R.M. NOTED
NOTE BOOK
NOS.
BY
DATE
ALIGNMENT CHECKED
R.P. OF WAY CHECKED
CADD FILE NAME

PROFILE
SURVEYED
PLOTTED
QUANTITIES CHECKED
R.M. NOTED
NOTE BOOK
NO.
BY
DATE
STRUCTURE NOTATIONS CHKD

MATCHLINE STA. 81+50

℄ EXISTING PRIVATE ENTRANCE STA. 84+24.58

PROP. TEMP. EASEMENT

LIMIT OF CONSTRUCTION

BM 262

EXIST. & PROP. ℄ US ROUTE 34

℄ EXISTING COMMERCIAL ENTRANCE STA. 82+16.94

EX INLET
RIM=646.77
S FL=642.69 (18" RCP)

PROP. TEMP. EASEMENT

℄ EXISTING FIELD ENTRANCE STA. 85+74.13

PROP. R.O.W.

EXISTING R.O.W.

LANDSCAPE

CONC

RIPRAP

HMA

IRON

FL=645.25
RCP 21"

FL=645.22

FL=645.83

CMP 15"
FL=645.82

FL=646.34

CMP 18"

83+00.00
51.70' RT

83+49.94
54.69' RT

84+00.00
56.82' RT

84+50.00
57.76' RT

85+50.00
54.89' RT

PROPOSED PAVED DITCH

MATCHLINE STA. 87+50

N

0 20 40 60 HORIZ.
0 5 10 15 VERTICAL
SCALE IN FEET

EXIST. GROUND ALONG ℄ U.S. ROUTE 34

PROPOSED U.S. ROUTE 34 PGL

RT. DITCH

LT. DITCH

SS - TY 2 83.1 LF
24" DIA. RCP @ 0.51%

SS - TY 2 160.0 LF
30" DIA. RCP @ 0.50%

SS - TY 2 122.0 LF
24" DIA. RCP @ 0.50%

SS - TY 2 80.0 LF
24" DIA. RCP @ 0.50%

SS - TY 2 58.5 LF
18" DIA. RCP @ 0.50%

SS - TY 2 133.0 LF
18" DIA. RCP @ 0.50%

INV. EL. = 640.88
INV. EL. = 639.70
INV. EL. = 641.30
INV. EL. = 641.91
INV. EL. = 642.81
INV. EL. = 642.31
INV. EL. = 643.10

+0.24%
+0.24%
+1.00%
+0.30%
+0.30%

	81+50	82+00	82+50	83+00	83+50	84+00	84+50	85+00	85+50	86+00	86+50	87+00	87+50
EXIST. GL EL.	646.16	646.16		647.10	647.22	647.34	647.46	647.58	647.70	647.55	647.70	647.85	648.00
PROP. PGL	648.51	648.31		649.08	649.24	649.40	649.58	649.75	649.84	649.98	650.13	650.31	650.48
	648.31			649.08	649.34	649.60	649.86	650.11	650.37	650.63	650.89	651.14	651.40
		RIGHT DITCH							647.70	648.00	648.50	649.00	649.15
		LEFT DITCH											

PB Americas, Inc. 230 WEST MONROE STREET, SUITE 900 CHICAGO, IL. 60606 (312)782-8150	FILE NAME = D366985-sht-14drain.dgn	DESIGNED - RJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN & PROFILE US ROUTE 34
		DRAWN - RJD	REVISED -		
	PLOT SCALE =	CHECKED - PMK	REVISED -		SCALE: AS SHOWN DRNG - 14 OF 28 STA. 81+50 TO STA. 87+50
	PLOT DATE = 19-AUG-2011 08:21	DATE - 08-18-2011	REVISED -		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	177
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

9FILE1&

PLAN | SURVEYED | PLOTTED | ALIGNMENT CHECKED | R/W CHECKED | CADD FILE NAME | NOTE BOOK | NO. | BY | DATE

PROFILE | SURVEYED | PLOTTED | DRAWING CHECKED | B.M. NOTED | STRUCTURE NOTATIONS CK'D | NOTE BOOK | NO. | BY | DATE

PAVED DITCH

STA. 91+73.37 PROP. ℄ US ROUTE 34 =
STA. 50+00.00 ℄ LAKEWOOD SPRING DRIVE

LAKEWOOD SPRINGS DRIVE

51+00

50+00

PROP. R.O.W.

EXIST. R.O.W.

EXISTING R.O.W.

LIMIT OF CONSTRUCTION

BM 261

MATCHLINE STA. 87+50

MATCHLINE STA. 93+50

EXIST. & PROP. ℄ US ROUTE 34

88+00 89+00 90+00 91+00 92+00 93+00

2" PVC CONDUIT

BURIED TEL

MARKER

BURIED FO

CMP 15"

FL=647.08

FL=647.03

FL=647.61

RIPRAP

CONC

10" 15" 20" 12"

2-18"

#30 #31 #32 #32A #33 #34 #34A

295 296 297 298 299 300 301 302 304 305 306 307 308 309 171

PROP. TEMP. EASEMENT

℄ EXISTING PRIVATE ENTRANCE
STA. 88+87.98

N

LEGEND:

- XXX — STRUCTURE NUMBER
- (XXX) — PIPE NUMBER
- ~~> — PROPOSED DITCH
- ///// — PIPE TO BE REMOVED
- ● — PROPOSED CATCH BASIN
- ▬ — PROPOSED INLET
- ⊙ — PROPOSED MANHOLE
- → — PROPOSED STORM SEWER
- — — PROPOSED UNDERDRAINS
- (— PROPOSED CONCRETE HEADWALL FOR PIPE DRAIN
- ○ — EXISTING CATCH BASIN
- ▭ — EXISTING INLET
- ◎ — EXISTING MANHOLE
- → — EXISTING STORM SEWER
- Ⓐ — ADJUST FRAME AND LID
- [A] — ADJUST FRAME AND GRATE
- [R] — STRUCTURE TO BE REMOVED
- AB — ITEM TO BE ABANDONED
- ✦ — UTILITY TEST HOLE (S.U.E.)

0 20 40 60 HORIZ.
0 5 10 15 VERTICAL
SCALE IN FEET

EXIST. GROUND ALONG ℄ U.S. ROUTE 34

PROPOSED U.S. ROUTE 34 PGL

EL. 649.15 -0.50%

+00.00 648.90 +0.40% RT. DITCH

+00.00 648.15 +0.30%

SS - TY 2 136.0 LF 15" DIA. RCP @ 0.50%

INV. EL. = 644.02

INV. EL. = 643.77

SS - TY 2 133.0 LF 18" DIA. RCP @ 0.50%

EL. 648.61 +00.00

INV. EL. = 644.70

-0.85% +0.50% RT. DITCH

+0.13% RT. DITCH

INV. EL. = 644.80

SS - TY 2 103.3 LF 15" DIA. RCP @ 0.50%

+0.13%

INV. EL. = 644.28

INV. EL. = 642.28

SS - TY 2 244.1 LF 18" DIA. RCP @ 0.66%

655 650 645 640 635

	87+50	88+00	88+50	89+00	89+50	90+00	90+50	91+00	91+50	92+00	92+50	93+00	93+50
	648.00	648.15	648.35	648.95	648.66	648.91	649.50	649.57	649.63	649.70			
	649.15	648.90											
	RIGHT DITCH												
	LEFT DITCH												
EXIST. GL EL.		650.65	650.96	651.12	651.26	651.38	651.56	651.70	651.73	651.62	651.27	650.83	650.42
PROP. PGL EL.	650.48	651.66	651.92	652.17	652.35	652.37	652.23	652.01	651.79	651.57	651.35	651.13	650.87

PB Americas, Inc.
230 WEST MONROE STREET, SUITE 900
CHICAGO, IL. 60606
(312)782-8150

FILE NAME = D366985-sht-15drain.dgn	DESIGNED - RJD	REVISED -	
	DRAWN - RJD	REVISED -	
PLOT SCALE =	CHECKED - PMK	REVISED -	
PLOT DATE = 19-AUG-2011 08:21	DATE - 08-18-2011	REVISED -	

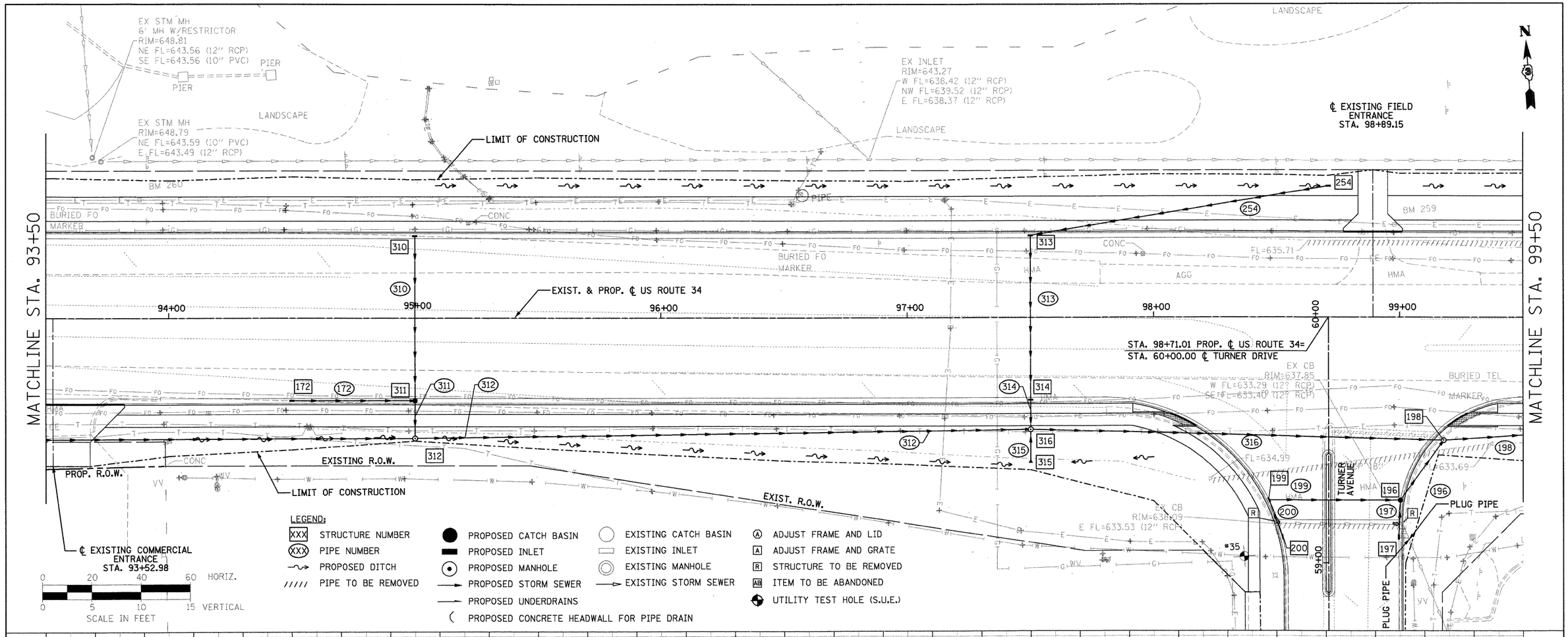
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

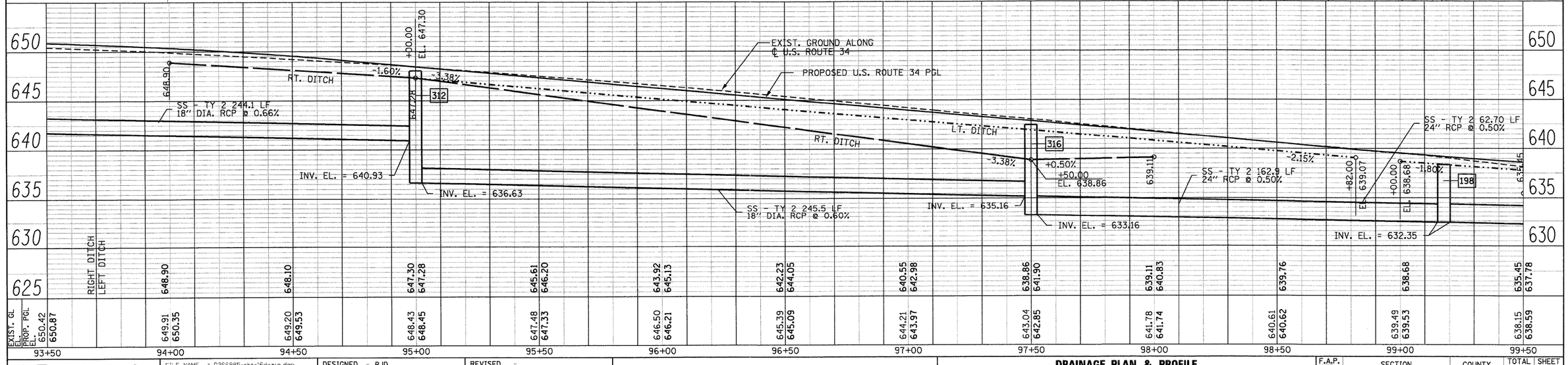
DRAINAGE PLAN & PROFILE
US ROUTE 34

SCALE: AS SHOWN | DRNG - 15 OF 28 | STA. 87+50 TO STA. 93+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	178
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

@FILE1@





PB Americas, Inc. 230 WEST MONROE STREET, SUITE 900 CHICAGO, IL. 60606 (312)782-8150	FILE NAME = D366985-sht-16drain.dgn	DESIGNED - RJD	REVISED -
		DRAWN - RJD	REVISED -
	PLOT SCALE =	CHECKED - PMK	REVISED -
	PLOT DATE = 19-AUG-2011 08:21	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
US ROUTE 34

SCALE: AS SHOWN | DRNG - 16 OF 28 | STA. 93+50 TO STA. 99+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	179
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, R/W, R/T. OF WAY CHECKED, NOTE BOOK, NO., CADD FILE NAME

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO.

DATE, BY

$FILE1$

EX INLET
RIM=638.28
S FL=633.36 (12" RCP)
E FL=633.07 (18" RCP)

EX INLET
TY. 1 O.L.
RIM=637.57
W FL=633.79 (12" RCP)
N FL=633.72 (12" RCP)

EX INLET
RIM=643.61
W FL=637.72 (18" RCP)
NE FL=640.07 (15" RCP)
E FL=637.70 (18" RCP)

EX INLET
RIM=636.67
W FL=630.02 (24" RCP)
E FL=629.88 (24" RCP)

EX MANHOLE
RIM=634.91
W FL=628.04 (24" RCP)
NE FL=628.04 (24" RCP)

0 20 40 60 HORIZ.
0 5 10 15 VERTICAL
SCALE IN FEET

N

LANDSCAPE

EX STM MH
RIM=628.71
E FL=622.76 (21" RCP)
S FL=622.76 (21" PVC)

LIMIT OF CONSTRUCTION

PROP. R.O.W.

EXIST. R.O.W.

STA. 103+01.06 PROP. ℄ US ROUTE 34=
STA. 70+00.00 ℄ COMMERCIAL ENTRANCE

SM 258

MATCHLINE STA. 99+50

MATCHLINE STA. 105+50

RCP 12"

FL=630.85

CONC

BURIED FO MARKER

AGG

HMA

EXIST. & PROP. ℄ US ROUTE 34

100+00 101+00 102+00 103+00 104+00 105+00

317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 334 339 340 198 303 #36A #36 302

PROP. STORM SEWER
(WATER MAIN REQUIREMENTS)
SEE DRNG SHEET
27 FOR DETAILS

103+50.00
38.15' RT

FL=628.28
8"
RCP
FL=627.91

104+00.00
59.15' RT

103+54.32
65.46' RT

26.6'

7.5'

104+00.00
66.68' RT

105+00.00
60.74' RT

FLOW LEAVES
CONSTRUCTION SITE

CTV

EX STM MH
RIM=628.23
N FL=622.33 (18" PVC)
S FL=622.23 (18" RCP)

PROP. TEMP. EASEMENT

℄ EXISTING
COMMERCIAL ENTRANCE
STA. 103+00.00

169

TURF REINFORCEMENT MAT

EX CB
RIM=640.12
SW FL=637.30 (12" RCP)

LANDSCAPE

LEGEND:

XXX STRUCTURE NUMBER	PROPOSED CATCH BASIN	EXISTING CATCH BASIN	(A) ADJUST FRAME AND LID
(XXX) PIPE NUMBER	PROPOSED INLET	EXISTING INLET	[A] ADJUST FRAME AND GRATE
PROPOSED DITCH	PROPOSED MANHOLE	EXISTING MANHOLE	[R] STRUCTURE TO BE REMOVED
///// PIPE TO BE REMOVED	PROPOSED STORM SEWER	EXISTING STORM SEWER	[AB] ITEM TO BE ABANDONED
PROPOSED UNDERDRAINS	UTILITY TEST HOLE (S.U.E.)	PROPOSED CONCRETE HEADWALL FOR PIPE DRAIN	

640 635 630 625 620

STA. 100+00 EL. 636.88

-2.80% -2.41% LT. DITCH RT. DITCH -1.60% -0.80%

319

INV. EL. = 630.01
INV. EL. = 632.01

+50.00 EL. 633.85

SS - TY 2 260.0 LF
24" RCP @ 0.50%

PROPOSED U.S. ROUTE 34 PGL

EXIST. GROUND ALONG
℄ U.S. ROUTE 34

2.41% -1.89%

+50.00 EL. 633.26

6.92.25

324

RT. DITCH LT. DITCH

INV. EL. = 628.71
INV. EL. = 626.94

630.06

SS - TY 1 45.0 LF
24" RCP @ 0.50%

PIPE 303
PROP. STORM SEWER
(WATER MAIN REQUIREMENTS)
INV. EL. US. = 625.96
INV. EL. DS. = 625.85

EXISTING 12" WM.

INV. EL. = 626.21
+00.00
EL. 626.40

327

SS - TY 2 75.0 LF
24"X38" RCEP @ 0.32%

RT. DITCH LT. DITCH -7.32% -0.50%

INV. EL. = 626.21

+00.00 EL. 627.60

302 339

SS - TY 1 80.0 LF
24"X38" RCEP @ 0.32%
INV. US = 625.92
INV. DS = 625.90

+00.00
627.43

-1.89% -0.34% -0.34% -0.33% +0.10%

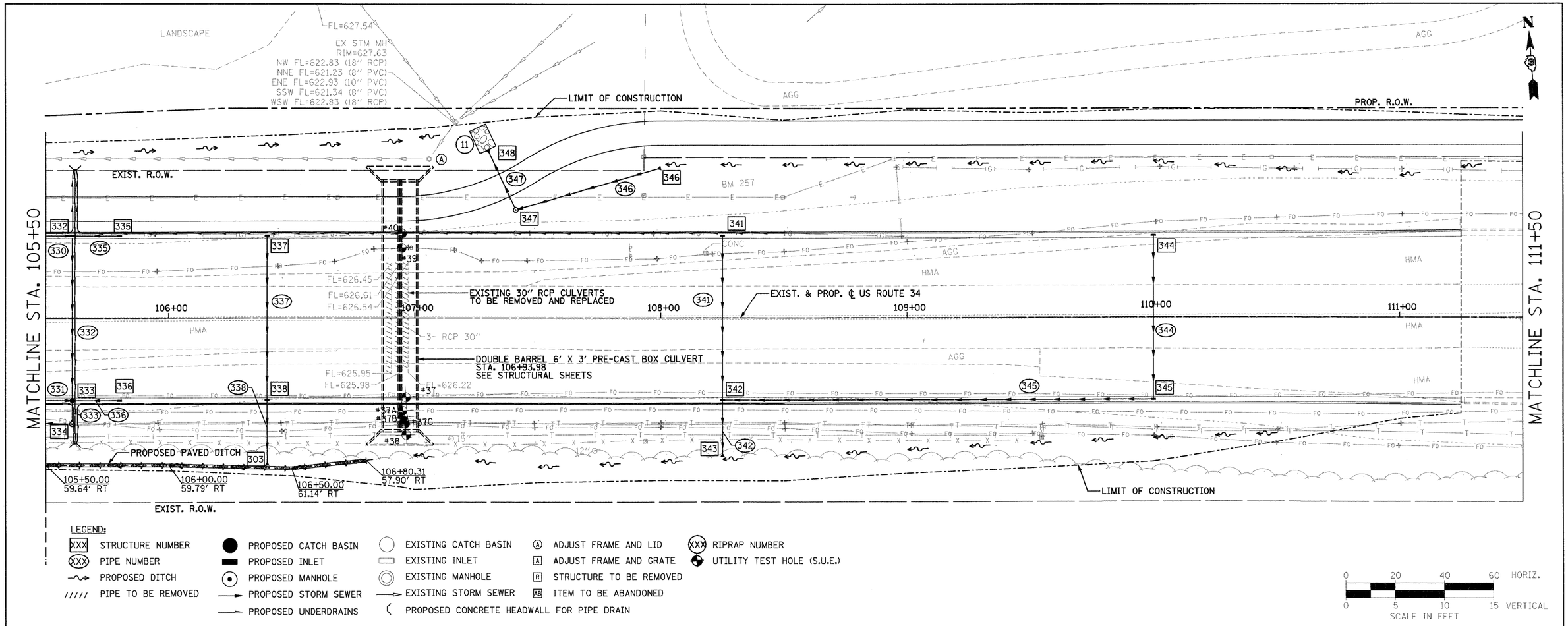
RT. DITCH -0.50%

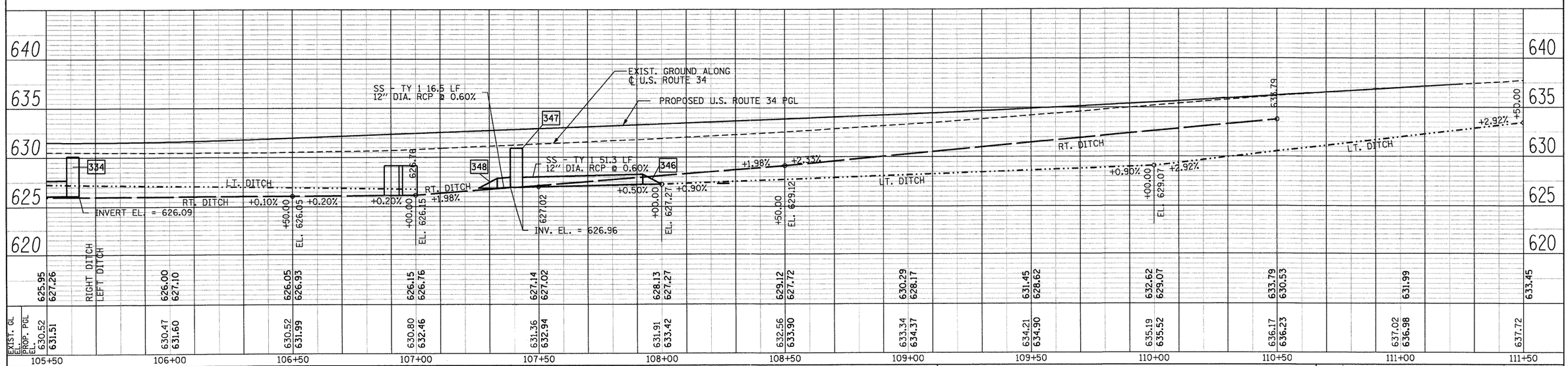
INV. EL. = 625.92
+00.00
EL. 625.90

SS - TY 1 15.0 LF
24"X38" RCEP @ 0.30%

SS - TY 1
55.8 LF
19"X30"
RCEP @ 0.30%

| | | |





PB Americas, Inc. 230 WEST MONROE STREET, SUITE 900 CHICAGO, IL. 60606 (312)782-8150	FILE NAME = D366985-sht-18drain.dgn	DESIGNED - RJD	REVISED -
		DRAWN - RJD	REVISED -
	PLOT SCALE =	CHECKED - PMK	REVISED -
	PLOT DATE = 19-AUG-2011 08:21	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
US ROUTE 34

SCALE: AS SHOWN | DRNG - 18 OF 28 | STA. 105+50 TO STA. 111+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	181
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

PLAN: SURVEYED | PLOTTED | QUANTITIES CHECKED | R.W. OF WAY CHECKED | CADD FILE NAME | NOTE BOOK | NO. | BY | DATE

PROFILE: SURVEYED | PLOTTED | QUANTITIES CHECKED | R.W. NOTED | STRUCTURE NOTATIONS CHKD | NOTE BOOK | NO. | BY | DATE

$FILE$

APP

LIMIT OF CONSTRUCTION

PROP. R.O.W.

LEGEND:

- XXX — STRUCTURE NUMBER
- XXX — PIPE NUMBER
- PROPOSED DITCH
- ///// — PIPE TO BE REMOVED
- PROPOSED UNDERDRAINS
- PROPOSED CATCH BASIN
- PROPOSED INLET
- PROPOSED MANHOLE
- PROPOSED STORM SEWER
- UTILITY TEST HOLE (S.U.E.)
- EXISTING CATCH BASIN
- EXISTING INLET
- EXISTING MANHOLE
- EXISTING STORM SEWER
- PROPOSED CONCRETE HEADWALL FOR PIPE DRAIN
- A — ADJUST FRAME AND LID
- A — ADJUST FRAME AND GRATE
- R — STRUCTURE TO BE REMOVED
- AB — ITEM TO BE ABANDONED

N

EXIST. R.O.W.

BM 256

BM 255

MATCHLINE STA. 111+50

MATCHLINE STA. 117+50

FL=635.04

EX CB
RIM=637.91
N FL=635.06 (12" RCP)

CONC

BURIED FO
MARKER

℄ EXIST. US ROUTE 34

EX CB
RIM=638.40
N FL=635.86 (12" RCP)

EX STM MH
RIM=638.80
S FL=635.10 (12" RCP)
E FL=634.25 (12" RCP)

112+00 113+00 114+00 115+00 116+00 117+00

EX CB
RIM=637.98
S FL=635.57 (12" RCP)

FL=635.35

EX CB
RIM=638.33
S FL=635.58 (12" RCP)

EX STM MH
RIM=638.66
N FL=635.37 (12" RCP)
E FL=634.83 (12" RCP)

BURIED TEL
MARKER

EXIST. R.O.W.

0 20 40 60 HORIZ.
0 5 10 15 VERTICAL
SCALE IN FEET

EXIST. GROUND ALONG
℄ U.S. ROUTE 34

645 640 635 630 625 620

EL +2.00%

633.45 634.45

RIGHT DITCH
LEFT DITCH

633.45 634.45

	111+50	112+00	112+50	113+00	113+50	114+00	114+50	115+00	115+50	116+00	116+50	117+00	117+50
EXIST. GL EL.	637.72	638.47	639.08	639.50	639.79	639.98	639.97	639.87	639.66	639.40	639.13	638.93	638.72
PROP. PGL EL.													

PLAN: SURVEYED, PLOTTED, QUANTITIES CHECKED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, QUANTITIES CHECKED, R.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

PB Americas, Inc.
230 WEST MONROE STREET,
SUITE 900
CHICAGO, IL. 60606
(312)782-8150

FILE NAME = D366985-sht-19drain.dgn	DESIGNED - RJD	REVISED -	
	DRAWN - RJD	REVISED -	
PLOT SCALE =	CHECKED - PMK	REVISED -	
PLOT DATE = 19-AUG-2011 08:21	DATE - 08-18-2011	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
US ROUTE 34

SCALE: AS SHOWN | DRNG - 19 OF 28 | STA. 111+50 | TO STA. 117+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	182
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

$FILEL$

LEGEND:

- XXX STRUCTURE NUMBER
- (XXX) PIPE NUMBER
- PROPOSED DITCH
- ///// PIPE TO BE REMOVED
- UTILITY TEST HOLE (S.U.E.)
- PROPOSED CATCH BASIN
- PROPOSED INLET
- PROPOSED MANHOLE
- PROPOSED STORM SEWER
- PROPOSED UNDERDRAINS
- PROPOSED CONCRETE HEADWALL FOR PIPE DRAIN
- EXISTING CATCH BASIN
- EXISTING INLET
- EXISTING MANHOLE
- EXISTING STORM SEWER
- (A) ADJUST FRAME AND LID
- [A] ADJUST FRAME AND GRATE
- [R] STRUCTURE TO BE REMOVED
- [AB] ITEM TO BE ABANDONED
- UTILITY TEST HOLE (S.U.E.)

N

MATCHLINE STA. 117+50

MATCHLINE STA. 123+50

EX INLET
RIM=636.40
N FL=633.00 (12" RCP)
E FL=632.60 (18" RCP)

EXIST. R.O.W.

EX CB
BEEHIVE
RIM=634.64
S FL=632.79 (12" RCP)

LIMIT OF CONSTRUCTION

IRON ROD

349

349

350

R

EX STM MH
RIM=637.76
S FL=633.31 (12" RCP)
W FL=633.04 (12" RCP)
N FL=632.81 (12" RCP)
E FL=632.71 (18" RCP)

EX CB
RIM=637.65
N FL=634.85 (12" RCP)

ELDAMAIN ROAD

CONC

LANDSCAPE

EX STM MH
RIM=637.32
W FL=632.46 (18" RCP)
NW FL=632.36 (18" RCP)
E FL=632.31 (24" RCP)

EX STM MH
RIM=637.54
SW FL=633.23 (12" RCP)
W FL=632.02 (24" RCP)
E FL=632.01 (24" RCP)

3"

EX CB
RIM=636.49
NE FL=633.11 (12" RCP)

℄ EXIST. US ROUTE 34

118+00 119+00 120+00 121+00 122+00 123+00

BRASS PLUG

EX INLET
RIM=637.09
S FL=633.23 (15" RCP)
NW FL=633.28 (12" RCP)
E FL=633.13 (18" RCP)

EX CB
RIM=637.93
S FL=635.08 (12" RCP)

EX STM MH
RIM=638.09
W FL=634.44 (12" RCP)
N FL=634.95 (12" RCP)
E FL=634.14 (12" RCP)

CATV

CONC

RCP 15"

FL=633.35

HMA

HMA

HMA

AGG

AGG

BM 254

EX INLET
RIM=636.76
S FL=632.51 (15" RCP)
W FL=632.43 (18" RCP)
E FL=632.26 (24" RCP)

0 20 40 60 HORIZ.
0 5 10 15 VERTICAL
SCALE IN FEET

EXIST. GROUND ALONG
℄ U.S. ROUTE 34

349

EX. SS - TY 2 200.0 LF
18" DIA. RCP @ 0.13%
INV. U/S = 632.71
INV. D/S = 632.46

645 640 635 630 625 620

	117+50	118+00	118+50	119+00	119+50	120+00	120+50	121+00
EXIST. GL EL.		638.55	638.38	638.16	638.05	637.95	637.77	637.60
PROP. PGL EL.	638.72							

PLAN
SURVEYED
PLOTTED
ASSIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
ASSIGNMENT CHECKED
R.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

$FILEL$

PB Americas, Inc.
230 WEST MONROE STREET,
SUITE 900
CHICAGO, IL 60606
(312)782-8150

FILE NAME = D366985-sht-20drain.dgn	DESIGNED - RJD	REVISED -	
PLOT SCALE =	DRAWN - RJD	REVISED -	
PLOT DATE = 19-AUG-2011 08:21	CHECKED - PMK	REVISED -	
	DATE - 08-18-2011	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
US ROUTE 34

SCALE: AS SHOWN | DRNG - 20 OF 28 | STA. 117+50 TO STA. 125+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	183
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

PLAN
SURVEYED
PLOTTED
CROSS SECTIONED
B.M. NOTED
NOTE BOOK
NO.
BY
DATE
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME

PROFILE
SURVEYED
PLOTTED
CROSS SECTIONED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

0 20 40 60 HORIZ.
0 5 10 15 VERTICAL
SCALE IN FEET

EX. SAN MH
RIM=641.97
SE FL=615.21 (30")
N FL=615.37 (30")

PROP. R.O.W.
EXIST. R.O.
173
174
8
4+00
5+00
NEEDHAM ROAD
6+00
7+00
MATCHLINE STA. 7+50
PROP. R.O.W.
PROP. TEMP EASEMENT
EX. SAN MH
RIM=644.86
NW FL=641.26 (12")

LEGEND:
- XXX — STRUCTURE NUMBER
- (XXX) — PIPE NUMBER
- ~→ — PROPOSED DITCH
- ///// — PIPE TO BE REMOVED
- (A) — ADJUST FRAME AND LID
- [A] — ADJUST FRAME AND GRATE
- [R] — STRUCTURE TO BE REMOVED
- [AB] — ITEM TO BE ABANDONED
- ● — PROPOSED CATCH BASIN

650
645
640
635
630
625
600

EXIST. GROUND ALONG ℄ NEEDHAM RD
PROPOSED NEEDHAM RD. PGL
646.00
645.15
-0.50%
RT. DITCH
LT. DITCH
INV. EL. = 644.07
PIPE 173
SS - TY 1 37.4 LF
12" DIA. RCP @ 1.4%
INV. EL. = 643.54
-00.00
EL. 643.17
-1.42%
-1.07%
RT. DITCH
LT. DITCH

	RIGHT DITCH	LEFT DITCH	4+50	5+00	5+50	6+00	6+50	7+00	7+50
EXIST. GL EL.			647.36	647.13	646.84	646.73	646.58	646.46	646.40
PROP. PGL EL.	646.00	646.00		647.18	646.99	646.80	646.61	646.44	646.24
	644.95	645.29				644.70	644.58	644.45	643.88	644.20	643.17	643.95	642.63

@FILE1.8

PB Americas, Inc.
230 WEST MONROE STREET,
SUITE 900
CHICAGO, IL. 60606
(312)782-8150

FILE NAME = D366985-sht-21drain.dgn	DESIGNED - RJD	REVISED -
	DRAWN - RJD	REVISED -
PLOT SCALE =	CHECKED - PMK	REVISED -
PLOT DATE = 19-AUG-2011 08:21	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
NEEDHAM ROAD

SCALE: AS SHOWN | DRNG - 21 OF 28 | STA. BEGIN TO STA. 7+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	184
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

MATCHLINE STA. 7+50

MATCHLINE STA. 13+50

PROP. R.O.W.

℄ U.S. ROUTE 34

37+00

℄ NEEDHAM ROAD

PROP. STORM SEWER (WATER MAIN REQUIREMENTS) SEE DRNG SHEET 27 FOR DETAILS

NEEDHAM ROAD

8+00

9+00

STA. 37+65.92 PROP. ℄ US ROUTE 34= STA. 10+00.00 ℄ NEEDHAM ROAD

10+00

11+00

12+00

13+00

EXIST. R.O.W.

PROP. TEMP EASEMENT

PLUG PIPE

38+00

EX SAN MH RIM=643.12 SW FL=615.70 (30") N FL=615.80 (30")

0 20 40 60 HORIZ.

0 5 10 15 VERTICAL

SCALE IN FEET

LEGEND:

- XXX STRUCTURE NUMBER
- (XXX) PIPE NUMBER
- PROPOSED DITCH
- ///// PIPE TO BE REMOVED
- EXISTING CATCH BASIN
- EXISTING INLET
- EXISTING MANHOLE
- EXISTING STORM SEWER
- (A) ADJUST FRAME AND LID
- [A] ADJUST FRAME AND GRATE
- [R] STRUCTURE TO BE REMOVED
- [AB] ITEM TO BE ABANDONED
- PROPOSED CATCH BASIN
- PROPOSED INLET
- PROPOSED MANHOLE
- PROPOSED STORM SEWER
- (XXX) RIPRAP NUMBER

EXIST. GROUND ALONG ℄ NEEDHAM RD

PROPOSED NEEDHAM RD. PGL

RT. DITCH -0.50% 646.70

LT. DITCH -1.07% +00.00 EL. 642.10 -0.50%

LT. DITCH 641.47

LT. DITCH 641.67

RT. DITCH 640.50

+0.94% +00.00 EL. 641.53 +0.77%

+0.77% +00.00 EL. 642.30 -1.32%

650 645 640 635 630

	7+50	8+00	8+50	9+00	9+50	10+00	10+50	11+00	11+50	12+00	12+50	13+00	13+50
EXIST. GL EL.	643.95 642.63	RIGHT DITCH LEFT DITCH	643.70 642.10		641.85	641.60		640.59 641.84	641.06 642.10	641.53 642.37	641.92 642.64	642.30 642.90	641.64 643.17
PROP. PGL EL.	646.40 646.24		646.32 645.84		646.26 645.28	646.11 645.12	646.06 645.56	646.19 646.53	645.61 645.78	645.55 645.20	645.76 644.92	645.84 644.95	645.86 645.16	645.09 645.37	644.23 644.27

PROFILE — SURVEYED; PLOTTED; CROSS CHECKED; N.M. NOTED; STRUCTURE NOTATNS CHKD; NOTE BOOK; NO.

PLAN — SURVEYED; ALIGNMENT CHECKED; R/T OF WAY CHECKED; CADD FILE NAME; NOTE BOOK; NO.

BY | DATE

PB Americas, Inc.
230 WEST MONROE STREET, SUITE 900
CHICAGO, IL. 60606
(312)782-8150

FILE NAME = D366985-sht-22drain.dgn	DESIGNED - RJD	REVISED -	
	DRAWN - RJD	REVISED -	
PLOT SCALE =	CHECKED - PMK	REVISED -	
PLOT DATE = 19-AUG-2011 08:21	DATE - 08-18-2011	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
NEEDHAM ROAD

SCALE: AS SHOWN | DRNG - 22 OF 28 | STA. 7+50 | TO STA. 13+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	185
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

$FILE1:$

PLAN | SURVEYED | BY | DATE
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
NOTE BOOK
NO.
CADD FILE NAME

MATCHLINE STA. 13+50

14+00 15+00 16+00

LEGEND:

XXX STRUCTURE NUMBER	PROPOSED CATCH BASIN	EXISTING CATCH BASIN	(A) ADJUST FRAME AND LID
(XXX) PIPE NUMBER	PROPOSED INLET	EXISTING INLET	[A] ADJUST FRAME AND GRATE
PROPOSED DITCH	PROPOSED MANHOLE	EXISTING MANHOLE	[R] STRUCTURE TO BE REMOVED
///// PIPE TO BE REMOVED	PROPOSED STORM SEWER	EXISTING STORM SEWER	AB ITEM TO BE ABANDONED

0 20 40 60 HORIZ.
0 5 10 15 VERTICAL
SCALE IN FEET

PROFILE | SURVEYED | BY | DATE
PLOTTED
ALIGNMENT CHECKED
R.W. NOTED
NOTE BOOK
NO.
STRUCTURE NOTATIONS CHKD

650 645 640 635 630 625

EXIST. GROUND ALONG ℄ NEEDHAM RD
PROPOSED NEEDHAM RD. PGL
0.532 +665.00 ℄ EL. 643.25 -2.87%
L.T. DITCH
RT. DITCH
639.30
638.58

	13+50		14+00		14+50		15+00		15+50
EXIST. GL EL.	641.64	RIGHT DITCH	640.98		640.32		639.67		
	643.17	LEFT DITCH	642.24		640.81		639.37		
PROP. PGL EL.	644.23		643.17		642.10		641.41		640.77
	644.27		643.17		642.13		641.37		

$FILE1$

PB Americas, Inc.
230 WEST MONROE STREET,
SUITE 900
CHICAGO, IL. 60606
(312)782-8150

FILE NAME = D366985-sht-23draindgn	DESIGNED - RJD	REVISED -
	DRAWN - RJD	REVISED -
PLOT SCALE =	CHECKED - PMK	REVISED -
PLOT DATE = 19-AUG-2011 08:21	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
NEEDHAM ROAD

SCALE: AS SHOWN | DRNG - 23 OF 28 | STA. 13+50 | TO STA. END

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	186
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

LEGEND:

- 1 STRUCTURE NUMBER
- (1) PIPE NUMBER
- PROPOSED DITCH
- PROPOSED CATCH BASIN
- PROPOSED INLET
- PROPOSED MANHOLE
- PROPOSED STORM SEWER
- EXISTING CATCH BASIN
- EXISTING INLET
- EXISTING MANHOLE
- EXISTING STORM SEWER

MATCHLINE STA. 25+00 Ext. -50.00

MATCHLINE STA. 30+00 Ext. 50.00

STA. 77+86.46 PROP. ℄ US ROUTE 34=
STA. 30+00.00 ℄ MITCHELL DRIVE

PROP. ℄ MITCHELL DRIVE

MITCHELL DRIVE

EXIST. R.O.W.

EXIST. & PROP. ℄ US ROUTE 34

FILT PIPE

LANDSCAPE

25+00 26+00 27+00 28+00 29+00 30+00 77+00 78+00 79+00

0 20 40 60 HORIZ.
0 5 10 15 VERTICAL
SCALE IN FEET

EXIST. PROFILE ALONG ℄ MITCHELL DRIVE

PROPOSED PGL ALONG MITCHELL DRIVE

	25+00	25+50	26+00	26+50	27+00	27+50	28+00	28+50	29+00	29+50	30+00
EXIST. GL ELEV.	647.76	647.15	646.71	646.21	645.81	645.88	646.14	646.61	647.09	647.51	647.94
PROP. PGL EL.						645.85	646.02	645.83	646.09	646.84	647.84

660 655 650 645 640 635

PLAN: SURVEYED ___ PLOTTED ___ NOTE BOOK ___ NO. ___ ALIGNMENT CHECKED BY ___ PLANS CHECKED CADD FILE NAME ___ BY ___ DATE ___

PROFILE: SURVEYED ___ PLOTTED ___ NOTE BOOK ___ NO. ___ GRADES CHECKED BAR. NOTED BY ___ STRUCTURE NOTATIONS CHKD

PB Americas, Inc.
230 WEST MONROE STREET,
SUITE 900
CHICAGO, IL. 60606
(312)782-8150

FILE NAME = D366985-sht-24drainv.dgn	DESIGNED - RJD	REVISED -
	DRAWN - RJD	REVISED -
PLOT SCALE =	CHECKED - PMK	REVISED -
PLOT DATE = 19-AUG-2011 08:21	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
MITCHELL DRIVE

SCALE: AS SHOWN | DRNG - 24 OF 28 | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	187
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

$FILE$

LEGEND:

- 1 STRUCTURE NUMBER
- (1) PIPE NUMBER
- PROPOSED DITCH
- PROPOSED CATCH BASIN
- PROPOSED INLET
- PROPOSED MANHOLE
- PROPOSED STORM SEWER
- EXISTING CATCH BASIN
- EXISTING INLET
- EXISTING MANHOLE
- EXISTING STORM SEWER

STA. 98+71.01 PROP. ℄ US ROUTE 34=
STA. 60+00.00 ℄ TURNER DRIVE

UTILITY QUALITY LEVEL A

GAS

CONC

KENDALL COUNTY TRAFFIC SIGNAL

TURNER AVENUE

PLUG PIPE

BM 259

BURIED TEL MARKER

LANDSCAPE

FLAG POLE

EXIST. R.O.W.

0 20 40 60 HORIZ.
0 5 10 15 VERTICAL
SCALE IN FEET

EXIST. GROUND ALONG ℄ TURNER AVENUE

PROP. TURNER AVENUE PGL

	55+00	56+00	57+00	58+00	59+00	60+00
EXIST. GL EL.		642.57	642.92	642.88	642.46	641.69	640.57	639.52	638.78	638.93	640.24
PROP. PGL EL.	642.22								638.83	639.16	640.15

PLAN — SURVEYED — BY — DATE
ALIGNMENT CHECKED
ELEVATIONS CHECKED
NOTE BOOK
NO.
CADD FILE NAME

PROFILE — SURVEYED — BY — DATE
ELEVATIONS
GRADES CHECKED
NOTE BOOK
NO.
STRUCTURE NOTATIONS CHKD

#FILE1#

PB Americas, Inc.
230 WEST MONROE STREET,
SUITE 900
CHICAGO, IL. 60606
(312)782-8150

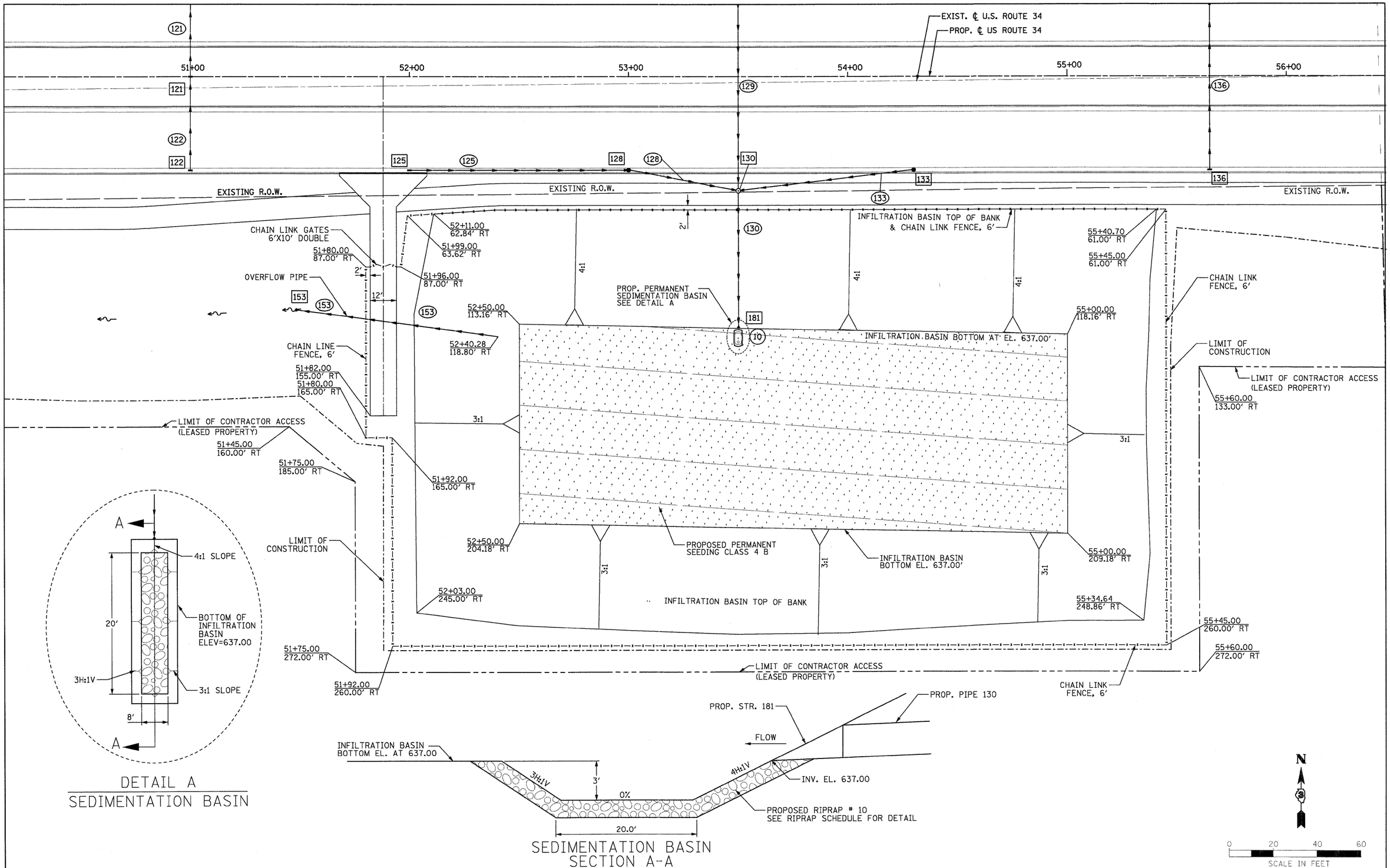
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PLOT SCALE =	CHECKED - PMK	REVISED -
PLOT DATE = 19-AUG-2011 08:22	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
TURNER DRIVE

SCALE: AS SHOWN | DRNG - 25 OF 28 | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	188
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

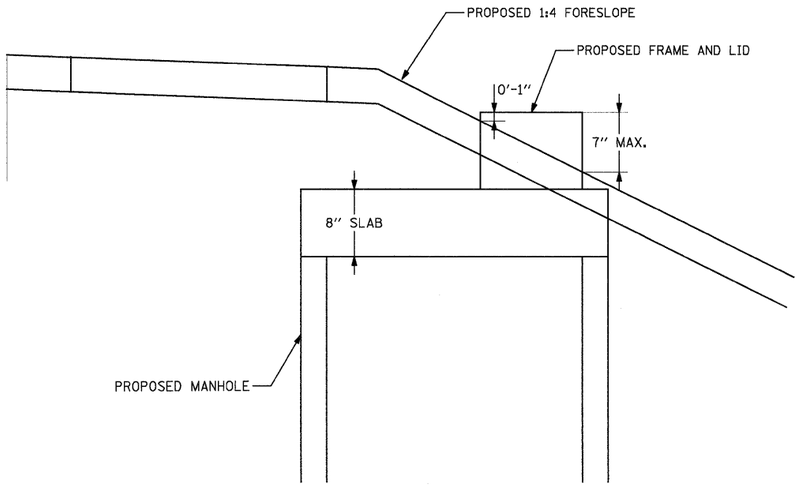


PB Americas, Inc. 230 WEST MONROE STREET, SUITE 900 CHICAGO, IL. 60606 (312)782-8150	FILE NAME = D366985-sht-1 Infiltration.dgn	DESIGNED - RJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE DETAILS INFILTRATION BASIN DETAIL
		DRAWN - RJD	REVISED -		
	PLOT SCALE =	CHECKED - PMK	REVISED -		SCALE: DRNG - 26 OF 28 STA. TO STA.
	PLOT DATE = 19-AUG-2011 08:22	DATE - 08-18-2011	REVISED -		

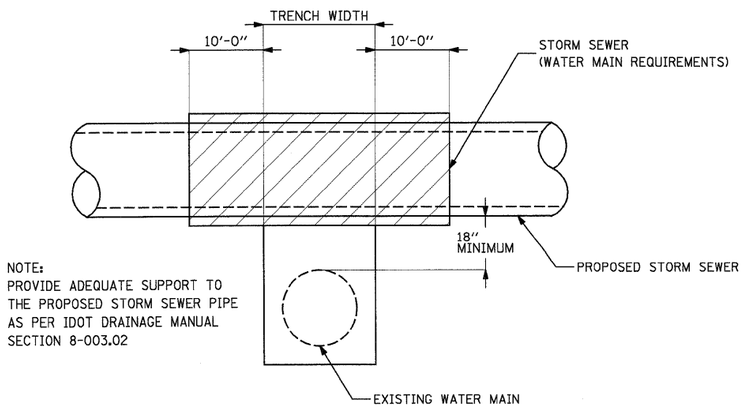
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	189
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

&FILE1.&

MANHOLE IN FORESLOPE



EXISTING WATER MAIN BELOW A PROPOSED STORM SEWER WITH MINIMUM 18" SEPERATION

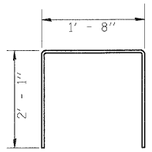


NOTE:
PROVIDE ADEQUATE SUPPORT TO THE PROPOSED STORM SEWER PIPE AS PER IDOT DRAINAGE MANUAL SECTION 8-003.02

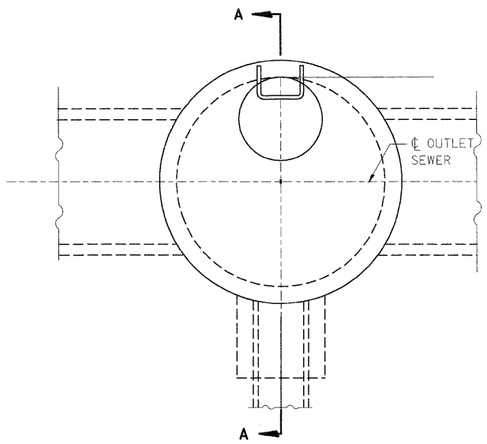
DROP MANHOLE DETAIL

DROP MANHOLE SCHDULE

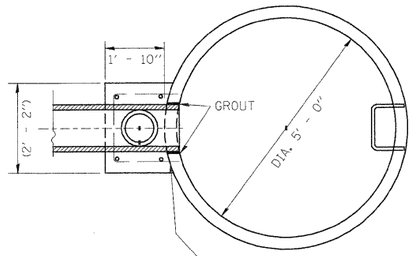
STRUCTURE NUMBER	DRNG SHEET NUMBER	STATION	OFFSET	DIA (FT)	Rim Elev.	INVERT ELEVATIONS				DEPTH (FT)
						N	S	E	W	
61	5	29+50.00	44.71LT	6	622.39	616.34	--	612.72 NE	601.13	21.3
66	5	32+60.00	56.74LT	6	631.54	--	625.46	622.53	614.71	16.8
83	6	38+35.00	67.40LT	6	644.16	640.41 NE	634.79 S 641.58 SE	626.31	625.31	19.8
84	4	26+00.00	44.50LT	6	607.99	--	--	598.76	595.61	12.5
312	16	95+00.00	48.81RT	4	647.30	642.33	--	636.63	640.93	11.5



U-BARS

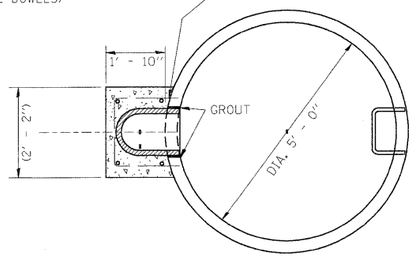


PLAN
FOR LOCATION SEE DRAINAGE PLANS



SECTION B-B

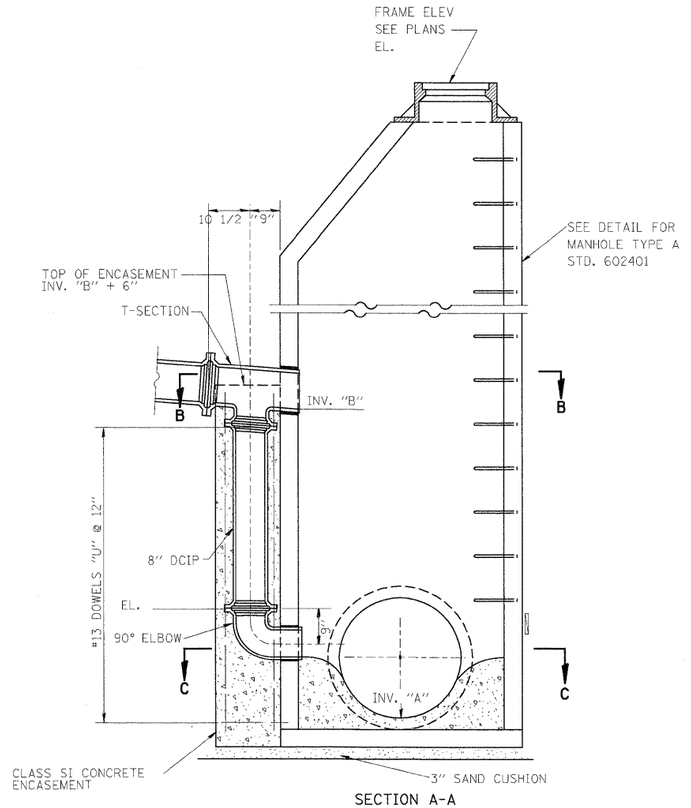
DRILL 1 1/4 " HOLE IN MANHOLE RISER WALLS, FILL WITH MORTAR AND INSERT DOWELS. (TYPICAL FOR ALL DOWELS)



SECTION C-C

TYPE A1-1 MANHOLE WITH 1 DROP AND DEPTH UP TO 10'
TYPE A1-2 " " 1 " " " FROM 10' TO 15'
TYPE A1-3 " " 1 " " " FROM 15' TO 20'
TYPE A1-4 " " 1 " " " OVER 20'

TYPE A2-1 MANHOLE WITH 2 DROPS AND DEPTH UP TO 10'
TYPE A2-2 " " 2 " " " FROM 10' TO 15'
TYPE A2-3 " " 2 " " " FROM 15' TO 20'
TYPE A2-4 " " 2 " " " OVER 20'



SECTION A-A

PB Americas, Inc.
230 WEST MONROE STREET,
SUITE 900
CHICAGO, IL. 60606
(312)782-8150

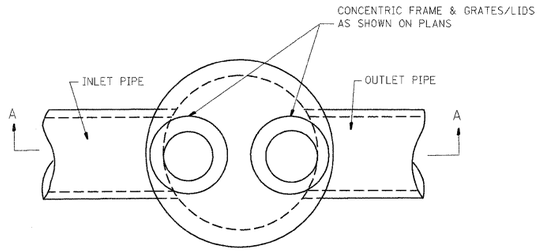
FILE NAME = D366985-sht-30 drop manhole	DESIGNED - RJD	REVISED -
	DRAWN - RJD	REVISED -
PLOT SCALE = N.T.S.	CHECKED - PMK	REVISED -
PLOT DATE = 19-AUG-2011 08:22	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

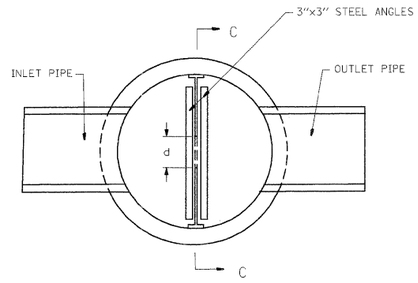
DRAINAGE DETAILS

SCALE: | DRNG - 27 OF 28 | STA. | TO STA.

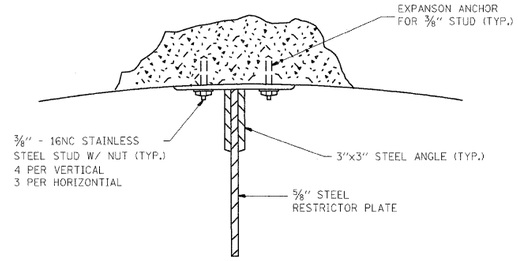
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	190
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			



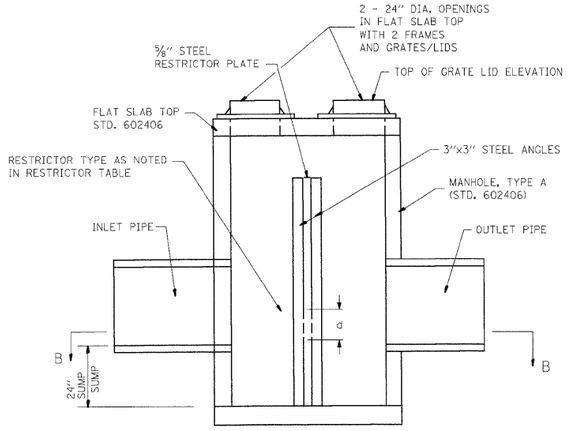
PLAN



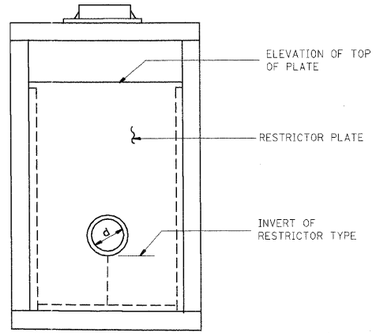
SECTION B-B



ANGLE FASTENER DETAIL



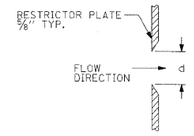
SECTION A-A



SECTION C-C

NOTES:

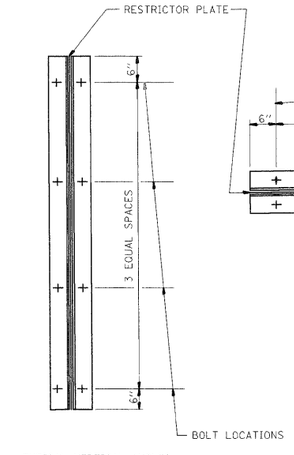
1. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.
2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.



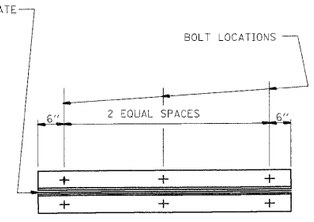
ORIFICE DETAIL

STRUCTURE NO.	STATION	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER (IN) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
53	25+10.00	6'	2-T1F CL	SHARP EDGED	36"	595.02	600.43
210	77+25.00	6'	2-T1F CL	SHARP EDGED	21"	635.71	640.26
257	78+50.00	6'	2-T1F CL	SHARP EDGED	18"	635.16	640.66

BASIS OF PAYMENT: MANHOLE, TYPE A RESTRICTOR PLATE WITH THE FRAME AND GRATE AND DIAMETER SPECIFIED.



TYPICAL VERTICAL ANGLES
LOOKING TOWARD MANHOLE WALL



TYPICAL HORIZONTIAL
ANGLES LOOKING TOWARD
BOTTOM OF MANHOLE

TOTAL BOLTS REQUIRED: 22

NOTE:

1. ANGLES SHOULD BE 3"x3"x3/8"
2. VERTICAL ANGLES SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP.
3. HORIZONTIAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.

STEEL ANGLE BOLTING DETAILS

RESTRICTOR TYPE					
1	2	3	4	5	6
RE-ENTRANT TUBE	SHARP EDGED	SQUARE EDGED	RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED
LENGTH: 1/2 TO 1 DIA.		STREAM CLEARS SIDES	LENGTH: 2-1/2 DIA.	LENGTH: 2-1/2 DIA.	
C=.52	C=.61	C=.61	C=.73	C=.82	C=.98

VALUES OF "C" FOR CIRCULAR AND SQUARE ORIFICES

PB Americas, Inc.
230 WEST MONROE STREET,
SUITE 900
CHICAGO, IL. 60606
(312)782-8150

FILE NAME = D366985-sht-31 restrictor manhole.dgn	DESIGNED - RJD	REVISED -
	DRAWN - RJD	REVISED -
PLOT SCALE =	CHECKED - PMK	REVISED -
PLOT DATE = 19-AUG-2011 08:22	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS

SCALE: N.T.S. | DRNG - 28 OF 28 | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	191
	FINAL SUBMITTAL	CONTRACT NO. 66985		
	ILLINOIS FED. AID PROJECT			

&FILE&

Date: 10/08/2010
Cardno TBE Project No.: IL09500410
Client Proj. No.: NA
Work Order No.: 410
Road Name/No.: RT 34

Cardno TBE

Subsurface Utility Engineering
Test Hole Field Data

Cardno TBE Office: CHICAGO

Vac Truck/Trailer No.: 55-311
SUE Crew: EG, JD, MS
City/State: PLANO / ILLINOIS
Location: RT 34 & WAUBONSEE RD
Units: English ☑ Metric ☐

Utility Type:

E- Electrical
G- Gas Line
BT- Buried Telephone
FOC- Fiber Optic Cable
W- Water
SAN- Sanitary Sewer
STM- Storm Sewer
CATV- Cable Television
FM- Force Main
RW- Reclaimed Water
SL- Street Light
TS- Traffic signal
FL- Fuel Line
UNK- Unknown
Other-

Utility Material:

1- Steel
2- PVC (Polyvinyl Chloride)
3- DIP (Ductile Iron Pipe)
4- VCP (Vitrified Clay Pipe)
5- PE (Polyethylene Pipe)
6- AC (Transite)
7- CI (Cast Iron)
8- DBC (Direct Buried Cable)
9- Concrete Pipe
10- Corrugated Metal Pipe
11- Fiberglass
12- Unknown
13- Concrete
14-
15-

Offset Measured From:

30- Edge of Pavement
31- Baseline
32- Right-of-Way
33- Centerline
34- Back of Curb
35- Survey Hub
36- "X" in Concrete
37- Swing Ties
38- Ref. Point in Driveway
39-

Surface Type:

A- Asphalt
C- Concrete
NG- Natural Ground

Identified By:

20- Sleeve
21- Hub/Lathe
22- Nail/Disk*
23- "X" in Concrete
24- SIRC 5/8"**
25-
26-

* Set Nail and Disk Stamped "TBE Test Hole"

** Set Iron Rod & Cap Stamped "TBE Test Hole"

Test Hole Date	Test Hole No.	Utility Type	Utility Material	Nominal Utility Size	Approx. Station	Approx. Offset Distance ft. ☑ m. ☐ L	Approx. Offset Distance ft. ☑ m. ☐ R	Offset Meas. From	Manual Depth ft. ☑ m. ☐	Cross Sectional View (Approx.)	Utility Direction	ID'd By	Surface Type	Pvmnt. Thickness in. ☐ mm. ☐
10/08/10	W1	FOC	5	2	70+35		28.7	33	3.21		↘	24	NG	NA
10/08/10	W2	FOC	5	2	70+18	28.6		33	4.00		↘	24	NG	NA
10/08/10	W3	FOC	5	2	68+00	45.7		33	2.57		⟷	24	NG	NA
10/08/10	W4	FOC	5	4	65+75	61.4		33	3.81		⟷	24	NG	NA
10/08/10	W5	E	5	4	64+12	40.4		33	2.50		↕	24	NG	NA
10/08/10	W6	E	5	4	64+12		28.7	33	2.93		↕	24	NG	NA
10/08/10	W7	E	5	4	64+50		70.0	33	3.22		⟷	24	NG	NA
10/08/10	W8	E	5	4	65+45		68.0	33	3.09		⟷	24	NG	NA
10/08/10	W9	E	5	2	63+90		56.7	33	2.12		↘	24	NG	NA
10/08/10	W10	E	5	2	61+00		56.0	33	3.03		⟷	24	NG	NA

Notes:

Sheet 1 of 2 Prepared By: EG Date: 10/9/2010 QC By: SW Date: 10/10/2010

Date: 10/08/2010
Cardno TBE Project No.: IL09500407
Client Proj. No.: NA
Work Order No.: 407
Road Name/No.: RT 34

Cardno TBE

Subsurface Utility Engineering
Test Hole Field Data

Cardno TBE Office: CHICAGO

Vac Truck/Trailer No.: 55-311
SUE Crew: EG, JD, MS
City/State: PLANO / ILLINOIS
Location: RT 34 Sta. 19+00 to 115+00
Units: English ☑ Metric ☐

Utility Type:

E- Electrical
G- Gas Line
BT- Buried Telephone
FOC- Fiber Optic Cable
W- Water
SAN- Sanitary Sewer
STM- Storm Sewer
CATV- Cable Television
FM- Force Main
RW- Reclaimed Water
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TS- Traffic signal
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Other-

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Test Hole Date	Test Hole No.	Utility Type	Utility Material	Utility Size (Nom.) in. ☑ mm. ☐	Approx. Station	Approx. Offset Distance ft. ☑ m. ☐ L	Approx. Offset Distance ft. ☑ m. ☐ R	Offset Meas. From	Manual Depth ft. ☑ m. ☐	Cross Sectional View (Approx.)	Utility Direction	ID'd By	Surface Type	Pvmnt. Thickness in. ☐ mm. ☐
NA	1	SEE	NOTE	NA	19+20			NA	NA	NA	NA	NA	NA	NA
09/14/10	2	G	1	8	19+32		46.2	33	7.43		⟷	24	NG	NA
05/20/10	3	G	1	8	25+20	31.3		33	5.29		↘	24	NG	NA
05/20/10	4	G	1	8	28+72	33.0		33	4.21		⟷	24	NG	NA
04/06/10	5	BT	8	1.5	35+80	43.0		33	2.65		⟷	24	NG	NA
04/06/10	5A	FOC	5	2	35+80	40.0		33	5.94		⟷	24	NG	NA
04/06/10	6	G	1	8	35+80	48.0		33	3.38		⟷	24	NG	NA
04/07/10	7	BT	8	1	37+63	61.0		33	1.98		↕	24	NG	NA
04/08/10	8	W	3	24	37+74		60.0	33	7.44		⟷	24	NG	NA
04/07/10	9	G	1	4	37+95	59.2		33	3.48		↕	24	NG	NA
04/07/10	10	FOC	8	.75	38+00		39.2	33	4.60		⟷	24	NG	NA
04/07/10	11	BT	8	1.75	38+00		43.7	33	3.03		⟷	24	NG	NA
04/08/10	12	FOC	2	(2) 4	38+00		45.0	33	2.66		⟷	24	NG	NA
04/08/10	12A	FOC	8	1	38+00		47.0	33	4.13		⟷	24	NG	NA
04/08/10	13	W	3	24	38+10		32.6	33	4.83		↕	24	NG	NA
04/07/10	14	W	3	12	38+18	38.3		33	5.76		↕	24	NG	NA
04/06/10	15	G	1	8	38+36	28.0		33	3.01		⟷	24	NG	NA
04/06/10	16	G	1	8	38+36	45.0		33	3.74		⟷	24	NG	NA
04/28/10	17	FOC	8	.25 / .75	45+30		37.0	33	4.00		⟷	24	NG	NA
04/28/10	18	BT	8	1.5	45+30		43.0	33	2.71		⟷	24	NG	NA

Notes:

Sheet 1 of 3 Prepared By: EG Date: 10/15/2010 QA /QC By: SW Date: 10/12/2010

Date: 10/08/2010
Cardno TBE Project No.: IL09500407
Client Proj. No.: NA
Work Order No.: 407
Road Name/No.: RT 34

Cardno TBE

Subsurface Utility Engineering
Test Hole Field Data

Cardno TBE Office: CHICAGO

Vac Truck/Trailer No.: 55-311
SUE Crew: EG, JD, MS
City/State: PLANO / ILLINOIS
Location: RT 34 Sta. 19+00 to 115+00
Units: English [x] Metric [ ]

Utility Type:

E- Electrical
G- Gas Line
BT- Buried Telephone
FOC- Fiber Optic Cable
W- Water
SAN- Sanitary Sewer
STM- Storm Sewer
CATV- Cable Television
FM- Force Main
RW- Reclaimed Water
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C- Concrete
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** Set Iron Rod & Cap Stamped "TBE Test Hole"

Test Hole Date	Test Hole No.	Utility Type	Utility Material	Utility Size (Nom.) in. / mm.	Approx. Station	Approx. Offset Distance ft. / m. L	Approx. Offset Distance ft. / m. R	Offset Meas. From	Manual Depth ft. / m.	Cross Sectional View (Approx.)	Utility Direction	ID'd By	Surface Type	Pvmnt. Thickness in. / mm.
04/29/10	19	FOC	8	.75	45+30		47.3	33	4.29		⟷	24	NA	NA
04/29/10	20	G	1	8	53+70	34.3		33	2.67		⟷	24	NG	NA
04/29/10	21	BT	8	2	70+05		48.0	33	2.07		⟷	24	NG	NA
04/29/10	22	BT	8	1.5	70+05		44.0	33	2.75		⟷	24	NG	NA
04/29/10	23	FOC	8	.25 / .75	70+05		40.0	33	3.53		⟷	24	NG	NA
04/08/10	24	G	1	8	70+00	32.0		33	4.98		⟷	24	NG	NA
04/08/10	25	BT	2	4	70+00	39.0		33	3.19		⟷	24	NG	NA
09/17/10	26	FOC	8	.75	70+05		34.4	33	5.64		⟷	24	NG	NA
05/03/10	27	W	3	16	78+21		70.0	33	6.75		⟷	24	NG	NA
04/30/10	28	NA	SEE	NOTES	85+32			NA	NA	NA	NA	NA	NA	NA
04/30/10	29	NA	SEE	NOTES	85+32			NA	NA	NA	NA	NA	NA	NA
04/30/10	30	G	1	8	88+00	35.1		33	6.11		⟷	24	NG	NA
04/30/10	31	BT	5	(3) 1.5	88+00	45.1		33	3.74		⟷	24	NG	NA
05/06/10	32	FOC	2	2	90+00		32.4	33	1.55		⟷	24	NG	NA
05/06/10	32A	FOC	2	2	90+00		27.8	33	6.42		⟷	24	NG	NA
05/06/10	33	FOC	2	4	90+00		36.4	33	3.98		⟷	24	NG	NA
05/06/10	34	BT	8	1.5	90+00		41.6	33	1.97		⟷	24	NG	NA
05/06/10	34A	BT	8	2	90+00		46.5	33	1.93		⟷	24	NG	NA
05/04/10	35	W	3	12	98+35		39.4	33	5.05		⟷	24	NG	NA
05/05/10	36	W	3	12	103+58		28.0	33	6.84		↕	24	NG	NA

Notes:

Sheet 2 of 3 Prepared By: EG Date: 10/15/2010 QA /QC By: SW Date: 10/12/2010

Date: 10/08/2010
Cardno TBE Project No.: IL09500407
Client Proj. No.: NA
Work Order No.: 407
Road Name/No.: RT 34

Cardno TBE

Subsurface Utility Engineering
Test Hole Field Data

Cardno TBE Office: CHICAGO

Vac Truck/Trailer No.: 55-311
SUE Crew: EG, JD, MS
City/State: PLANO / ILLINOIS
Location: RT 34 Sta. 19+00 to 115+00
Units: English [x] Metric [ ]

Utility Type:

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TS- Traffic signal
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Utility Material:

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30- Edge of Pavement
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33- Centerline
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Surface Type:

A- Asphalt
C- Concrete
NG- Natural Ground

Identified By:

20- Sleeve
21- Hub/Lathe
22- Nail/Disk*
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* Set Nail and Disk Stamped "TBE Test Hole"

** Set Iron Rod & Cap Stamped "TBE Test Hole"

Test Hole Date	Test Hole No.	Utility Type	Utility Material	Utility Size (Nom.) in. / mm.	Approx. Station	Approx. Offset Distance ft. / m. L	Approx. Offset Distance ft. / m. R	Offset Meas. From	Manual Depth ft. / m.	Cross Sectional View (Approx.)	Utility Direction	ID'd By	Surface Type	Pvmnt. Thickness in. / mm.
05/05/10	36A	BT	5	(2) 1.5	103+58		28.0	33	2.44		↕	24	NA	NA
05/04/10	37	FOC	2	2.5	106+95		32.0	33	3.99		⟷	24	NG	NA
05/04/10	37A	FOC	8	.25 / .75	106+95		37.9	33	4.10		⟷	24	NG	NA
10/06/10	37B	BT	8	1.25	106+95		40.5	33	2.35		⟷	24	NG	NA
10/06/10	37C	FOC	5	1.5	106+95		42.2	33	4.68		⟷	24	NG	NA
05/04/10	38	BT	8	1.5	106+95		43.3	33	2.62		⟷	24	NG	NA
05/04/10	38A	BT	8	2	106+95		47.7	33	2.15		⟷	24	NG	NA
05/03/10	39	FOC	2	2.5	106+95	28.0		33	2.30		⟷	24	NG	NA
05/03/10	40	G	1	8	106+95	34.0		33	3.20		⟷	24	NG	NA

Notes:

Sheet 3 of 3 Prepared By: EG Date: 10/15/2010 QA /QC By: SW Date: 10/12/2010

RECORDED AS DOC. NO. _____ FLAT _____ FILE _____

SEC. 26, T 37 N., R 6 E. OF THE 3RD P.M.

SEC. 23, T 37 N., R 6 E. OF THE 3RD P.M.

CERTIFICATE OF SURVEY

STATE OF ILLINOIS)
) S.S
COUNTY OF LEE)

I, COVENTINE FIDIS, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF PROPOSED FAP RTE 319 WAS MADE BY ME OR UNDER MY DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

DATED THIS ____ DAY OF _____, 2009

STATE OF ILLINOIS · COVENTINE FIDIS · 35-2159 · DIXON, ILL. · PROFESSIONAL LAND SURVEYOR

COVENTINE FIDIS - ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 35-2159
MY LICENSE EXPIRES 11/30/10

PARCEL NO. 3RJ0038

CORBIN LAND, L.L.C.

TOTAL HOLDING	=	390.955 AC. ±
TOTAL R.O.W. REQUIRED	=	73.586 AC. ±
AREA IN EXISTING R.O.W.	=	4.069 AC. ±
NET R.O.W.	=	69.517 AC. ±
REMAINDER	=	317.369 AC. ±

PARCEL NO. 3RJ0006

COMMONWEALTH EDISON CO.

PERMANENT EASEMENT AREA	=	6.606 AC. ±
TRACT ONE	=	5.175 AC. ±
TRACT TWO	=	0.434 AC. ±
TRACT THREE	=	0.997 AC. ±

E'ly LINE OF PREMISES CONVEYED BY DOC. #9403483
S 89°03'29" W 46.53'
FIP
3353+20.00 625.00'
3352+00.00 555.00'
156.72' N 32°27'12" W
231.59' N 9°47'02" W
3350+00.00 550.00'
3350+38.79 493.94'
3352+60.00 526.00'
3353+15.00 550.00'
AC
S 89°47'20" W 3,792.97'
5,273.85'
3348+00.00 495.00'
236.31' N 25°16'28" W
3348+65.43 443.82'
244.72' N 37°55'42" W
3346+78.00 361.00'
3346+00.00 400.00'
PROPOSED AC LINE
PROPOSED RAMP C CENTERLINE
PROPOSED R.O.W. LINE
465.26' N 43°05'26" W
3343+40.04 88.67'
3342+00.00 215.00'
493.79' N 24°40'44" W
3340+28.12 124.52'
3338+30.00 120.00'
3337+07.01 186.83'
207.35' N 24°40'44" W
3335+00.00 175.00'
330.80' N 21°24'30" W
3331+69.20 175.00'
669.20' N 21°24'30" W
3328+85.00 100.00'
447.00'
769.53' N 25°21'55" E
3334+75.35 150.71'
P.O.B. 3RJ0006 TRACT ONE
PARCEL NO. 3RJ0006 TRACT ONE
PERMANENT EASEMENT LINE
COMMONWEALTH EDISON COMPANY
PROPOSED FAP 319 (PRAIRIE PARKWAY) CENTERLINE
3330+00
3335+00
℄ N 21°24'30" W
895.35' 814.72' S 25°21'55" W
PC STA. 3343+14.36
3340+00
3345+00
3345+64.78 0.00'
STA. 3338+82.62
STA. 3333+33.69
PROPOSED R.O.W. & AC LINE
S 14°56'06" E 125.47'
306.96' S 9°11'00" E
3336+00.00 165.00'
3339+00.00 230.00'
405.57' S 4°26'21" W
3342+65.00 406.82'
3343+21.12 465.57'
3336+96.24 385.72'
NW'ly & SE'ly LINE OF PREMISES CONVEYED TO COMMONWEALTH EDISON COMPANY BY WARRANTY DEED REC. AS DOC. #72-5523
489.63' S 12°16'41" E
3332+12.81 308.02'
W'ly LINE OF LAKEWOOD SPRINGS UNIT 2A
L = 1,034.08'
R = 9,799.52'
Δ = 6°02'46"
LC = S 15°18'04" E 1,033.60'
(66') VERONICA ST.
(66') ALYSSA ST.
295 296 297 116 115 114 113 112 111 110 109 108 107 106 105 104 103 102
903.14' S 25°21'45" W
1,080.88'
LAKEWOOD SPRINGS UNIT 2A
DOC. # 200300043026
CERT. OF CORRECTION
DOC. # 200400002928

PROPOSED U.S. RTE. 34 CENTERLINE
EXISTING U.S. RTE. 34 CENTERLINE
EXISTING R.O.W. LINE
STA. 3353+56.89 FAP 319 = STA. 49+98.58 U.S. 34
3355+00
CURVE G2A_P1-2
3350+00
PROP. CURVE G2A_P1-2
PI STA. 3351+88.93
Δ = 28°03'34" (RT)
D = 1°38'13"
R = 3,500.00'
T = 874.58'
L = 1,714.05'
E = 107.61'
P.C. STA. 3343+14.36
P.T. STA. 3360+28.41
ROUTE 34
(50') (50')
℄ N 90°00'00" E
45+00
50+00
55+00
60+00
65+00
U.S.
PARCEL NO. 3RJ0038
PROPOSED RAMP B CENTERLINE
PROPOSED R.O.W. & AC LINE
56+43.31 50.31'
36.86' N 89°27'41" E
82.96' N 1°18'45" W
56+45.21 133.24'
2,704.00' S 1°18'45" E
55.19' S 46°08'04" W
W'ly LINE OF PREMISES CONVEYED TO COMMONWEALTH EDISON COMPANY BY WARRANTY DEED REC. AS DOC. #72-5537
56+85.00 95.00'
56+80.17 49.96'
TRACT TWO
PARCEL NO. 3RJ0006
S 0°00'00" W 136.11'
58+21.11 95.00'
56+41.02 49.67'
FIP 0.50' S. & ON LINE
FIP 0.68' S. & 0.12' W.
PC STA. 58+21.11
L = 223.47'
R = 11,943.10'
Δ = 1°04'20"
LC = N 89°27'50" W 223.47'
PERMANENT EASEMENT & AC LINE
STA. 60+42.41
825.73' S 1°18'45" E
P.O.B. 3RJ0006 TRACT TWO 60+46.36 95.00'
60+44.48 49.88'
S 1°18'45" E 45.16'
L = 251.64'
R = 11,943.10'
Δ = 1°12'26"
LC = N 88°19'28" W 251.63'
SEE DETAIL A
L = 363.39'
R = 12,227.09'
Δ = 0°28'07"
LC = S 89°41'15" E 363.38'

DETAIL A
60+46.36 95.00'
L = 251.64'
R = 11,943.10'
Δ = 1°12'26"
LC = N 88°19'28" W 251.63'
63+00.00 95.00'
S 89°37'58" W 99.36'
64+00.00 90.00'
L = 229.22'
R = 11,948.10'
Δ = 1°05'57"
LC = N 86°41'43" W 229.21'
66+24.38 0.00'
744.11'
653.88' N 0°19'02" W
66+30.94 90.00'
PROPOSED U.S. RTE. 34 CENTERLINE
EXISTING R.O.W. LINE

N 1819048.2121
E 936688.6588
SET 5/8" REBAR 18" DEEP
PER MON. REC.
2009001686?
P.O.C. 3RJ0006
TRACT ONE
TRACT TWO
TRACT THREE

PARCEL NO. 3RJ0007
IRENE CORBIN
R.O.W GRANT-200700023819

AMERICAN
SURVEYING & ENGINEERING, P.C.
841 N. Galena Ave. Dixon, IL 61021
815-288-6231
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

NOTE: GRID DISTANCES AND BEARINGS SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE (NAD 83(97)).
ALL AREAS BASED ON GROUND DISTANCES
GRID TO GROUND FACTOR = 1.00004933
GROUND TO GRID FACTOR = 0.99995068

0 100' 200'
SCALE 1" = 100'

RIGHT OF WAY PLANS

ROUTE	FAP 319
SECTION	47-3
COUNTY	KENDALL
JOB NUMBER	R-93-025-01
STA. TION	3330+00 TO 3355+00
SCALE	1"=100'
TOTAL SHEETS	194
SHEET NO.	429

SHEET NO. 1 OF 9 SHEETS

REVISED: 8/22/08

ASC JOB NO. 102050

RECORDED AS DOC. NO. _____FLAT_____FILE_____

SEC. 23, T 37 N., R 6 E. OF THE 3RD P.M.

PARCEL NO. 3RJ0041

CHICAGO TITLE LAND TRUST CO., TRUSTEE

TOTAL HOLDING	=	2.035 AC. ±
TOTAL R.O.W. REQUIRED	=	0.976 AC. ±
REMAINDER	=	1.059 AC. ±

PARCEL NO. 3RJ0038

PARCEL NO. 3RJ0039

THE BURLINGTON NORTHERN & SANTA FE RAILWAY COMPANY

PERMANENT EASEMENT AREA = 1.032 AC. ±

PARCEL NO. 3RJ0040

AMERICAN NATIONAL BANK & TRUST COMPANY OF CHICAGO, TRUSTEE

TOTAL HOLDING	=	11.710 AC. ±
TOTAL R.O.W. REQUIRED	=	7.812 AC. ±
AREA IN EXISTING R.O.W.	=	0.186 AC. ±
NET R.O.W.	=	7.626 AC. ±
REMAINDER	=	3.898 AC. ±

PARCEL NO. 3RJ0010

LAKEWOOD LAND, LLC

TOTAL HOLDING	=	25.930 AC. ±
TOTAL R.O.W. REQUIRED	=	0.767 AC. ±
REMAINDER	=	25.163 AC. ±

CERTIFICATE OF SURVEY

STATE OF ILLINOIS)
) S.S
COUNTY OF LEE)

I, COVENTINE FIDIS, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF PROPOSED FAP RTE 319 WAS MADE BY ME OR UNDER MY DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

DATED THIS ____ DAY OF _____, 2009

STATE OF ILLINOIS · COVENTINE FIDIS · 35-2159 · DIXON, ILL. · PROFESSIONAL LAND SURVEYOR

COVENTINE FIDIS - ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 35-2159
MY LICENSE EXPIRES 11/30/10

NOTE: GRID DISTANCES AND BEARINGS SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE (NAD 83(97))
ALL AREAS BASED ON GROUND DISTANCES
GRID TO GROUND FACTOR = 1.00004933
GROUND TO GRID FACTOR = 0.99995068

0 100' 200'
SCALE 1" = 100'

RIGHT OF WAY PLANS

ROUTE	FAP 319
SECTION	47-3
COUNTY	KENDALL
JOB NUMBER	R-93-025-01
STATION	3335+00 TO 3380+00
SCALE	1"=100'
TOTAL SHEETS	195
SHEET NO.	429

AMERICAN
SURVEYING & ENGINEERING, P.C.
841 N. Galena Ave. Dixon, IL 61021
815-288-6231
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

SHEET NO. 2 OF 9 SHEETS

SEE SHEET 20

REVISED: 8/17/09

ASC JOB NO. 102050

SEC. 23, T 37 N., R 6 E. OF THE 3RD P.M.

CHICAGO, BURLINGTON & QUINCY R.R.

R.R. R.O.W. LINE

S 73°23'27" W 4,846.91'

P.O.C. 3RJ0096 TRACT ONE
P.O.C. 3RJ0096TE.1
P.O.C. 3RJ0096TE.2
P.O.C. 3RJ0098
N 1821730.7534
E 936673.8126
CORNER NOT SET
FALLS IN FIELD

256.42' N 0°49'02" W

T 37 N, R 6 E, sections 23 24 23 24

S 5°17'01" W 777.41'

677.28'

W'ly LINE OF PREMISES CONVEYED BY DOC. #200300009069

PROP. CURVE US34_P8-2
PI STA. = 33+81.17
Δ = 2°27'16" (LT)
D = 0°42'58"
R = 8,000.00'
T = 171.37'
L = 342.70'
E = 1.84'
P.C. STA = 32+09.80
P.T. STA = 35+52.50

PARCEL NO. 3RJ0099
ROYAL CORBIN

TOTAL HOLDING	=	6.740 AC. ±
TOTAL R.O.W. REQUIRED	=	1.331 AC. ±
AREA IN EXISTING R.O.W.	=	0.602 AC. ±
NET R.O.W.	=	0.729 AC. ±
REMAINDER	=	5.409 AC. ±

TEMPORARY EASEMENT AREA = 0.003 AC. ± (148 S.F.±)
PURPOSE: ENTRANCE CONSTRUCTION

TEMPORARY EASEMENT LINE
DETAIL 3RJ0096TE.2
25+50.00 120.00'
45.00' S 87°32'44" E
25+95.00 120.00'
7.33' S 2°27'16" W
13.33' N 2°27'16" E
45.40' S 84°51'35" W
P.O.B. 3RJ0096TE.2 25+50.00 106.67'
25+95.00 112.67'

W'ly LINE OF PREMISES CONVEYED BY DOC. #200700015450

DETAIL 3RJ0099TE
P.O.B. 16+35.32 3RJ0099 8.31'
18.57' S 77°27'44" E
16+34.91 26.87'
5.42' S 76°11'14" E
13+81.00 53.00'
13+81.00 47.58'
136.12' N 12°28'00" E
29.00' N 13°48'46" E
29.01' S 15°03'20" W
13+52.00 53.00'
13+52.00 P.O.B. 3RJ0099TE 48.21'
15+00.00 45.00'
10.8'
4.79' N 76°11'14" W
3RJ0099
SEE DETAIL 3RJ0099TE
9.6'

ROAD
16+00.49 7.53'
33.00' S 77°46'27" E
16+01.40 25.46'
303.01' S 7°16'09" W
15+00
13+00.36 59.99'
191.76' S 12°18'34" W
410.37' N 15°03'20" E
262.34' S 13°06'23" W
650.94' N 12°32'16" E
611.04' ℄ N 13°48'46" E
388.58' N 0°31'32" W

PROPOSED R.O.W. LINE
EXISTING R.O.W. LINE
L = 30.72'
R = 7,900.00'
Δ = 0°13'22"
LC = S 88°18'11" E 30.72'
SEE DETAIL 3RJ0096TE.2
N 84°51'35" E 50.44'
25+00.00 100.00'
28+00.00 140.00'
S 79°00'53" E 202.24'
30+00.00 110.00'
299.02' S 85°43'32" E
33+00.00 100.00'
33+31.11 100.00'
35+52.50 100.00'
N 84°51'35" E 302.65'
STA. 33+10.46
PC STA 32+09.80
PT STA 35+52.50
STA. 37+65.92 U.S. 34
STA. 10+00.00 NEEDHAM RD.
37+35.00 100.00'
182.50' N 90°00'00" E
37+43.80 11.02'
37+56.55 13.72'
517.44' S 89°33'13" E
38+55.00 90.00' A/C ENDS
11+08.67 65.02'
43+72.43 85.97'
3354+70.00 620.00'
3354+68.25 380.21'
3354+89.94 557.65'

PROPOSED RAMP D CENTERLINE
PROPOSED AC LINE
3RJ0038
PROPOSED U.S. RTE. 34 CENTERLINE
EXISTING U.S. RTE. 34 CENTERLINE

Ⓐ L = 12.71' R = 15,042.99' Δ = 0°02'54" LC = N 88°50'48" W 12.71'
Ⓑ L = 450.57' R = 15,042.99' Δ = 1°42'58" LC = S 89°40'50" E 450.55'
Ⓒ L = 437.86' R = 15,042.99' Δ = 0°22'51" LC = N 89°42'17" W 437.84'
Ⓓ L = 310.62' R = 15,042.99' Δ = 1°10'59" LC = N 88°10'55" W 310.62'
Ⓔ L = 463.39' R = 15,042.99' Δ = 1°45'54" LC = N 89°39'22" W 463.37'
Ⓕ L = 774.01' R = 15,042.99' Δ = 2°56'53" LC = N 89°03'52" W 773.93'
Ⓖ S 0°31'53" E 78.78'
Ⓗ S 6°13'05" W 151.33'
Ⓙ S 6°13'05" W 40.35'
Ⓚ N 84°41'00" W 63.25'
Ⓛ N 87°32'44" W 107.02'
Ⓜ L = 218.62' R = 7,900.00' Δ = 1°35'08" LC = S 89°12'26" E 218.61'
Ⓝ S 15°37'07" W 50.02'
Ⓞ S 38°03'24" W 14.31'

3361+00.00 570.00'
3361+60.49 418.38'
343.72' N 14°22'44" E
3358+00.00 625.00'
3357+60.91 558.10'
AC
N
SEE SHEET 19

P.O.B. 3RJ0096 19+01.86 TRACT ONE 54.86'
21+00.00 100.00'
400.00' S 87°32'44" E
21+00.00 55.02'
44.98' N 2°27'16" E
110.13' N 5°17'01" E
198.14' S 87°35'26" E
20+00
25+00
℄ S 87°32'44" E
18+96.42 55.13'
40.02' N 7°23'12" E
157.48' N 87°35'26" W
20+53.90 55.01'
20+59.13 17.69'
23.28' N 10°31'32" W
20.86' N 8°43'11" W
137.00' N 84°41'00" W
22+00.00 105.00'
U.S. ROUTE 34
30+00
35+00
CURVE US34_P8-2
33+23.70 64.41'
122.88' N 87°35'26" W
33+10.53 0.34'
33+33.37 2.06'
100.94' S 0°07'57" W
6.33'
37+43.80 11.28'
37+56.62 13.72'
37+69.32 11.55'
42+07.16 124.49' S 89°27'41" W 13.81'
43+31.65 12.64'
45+00
1,472.60'
℄ N 90°00'00" E
S 89°27'41" W 1,348.11'
3353+20.00 625.00'
43+78.90 90.65'
3353+15.00 550.00'
3352+60.00 526.00'
3352+00.00 555.00'
3350+00.00 550.00'
FIP
P.O.B. 3RJ0098 18+92.98 3RJ0098 95.00'
SEE DETAIL 3RJ0098TE
20+00.00 95.00'
20+63.17 98.16'
STA. 19+01.18
STA. 18+52.96
OLD CLAIM LINE
ROCK CREEK
TRACT ONE 3RJ0096
PROPOSED R.O.W. LINE
600.00' N 87°32'44" W
25.00' S 2°27'16" W
28+00.00 80.00'
483.72' N 87°56'28" W
394.97' N 85°01'21" W
254.25'
32+83.00 77.00'
P.O.B. 3RJ0096TE.1 105.00'
69.92' N 14°09'59" W
28+20.00 172.00'
280.26' N 89°59'59" W
31+00.00 160.00'
370.08' S 89°29'21" W
34+65.00 145.00'
35+20.00 205.00'
35+34.00 94.06'
36+74.00 106.00'
8+75.12 83.95'
82.21' 42.41' 56.53' N 12°54'15" E
443.53' N 12°54'15" E
3RJ0096TE.1
PROPOSED TEMPORARY EASEMENT LINE
N'ly LINE OF PREMISES CONVEYED BY DOC. #200700015449
SEE DETAIL 3RJ0096TE.3
333.00' N 10°46'00" E
17.49' S 55°18'41" W
46.96' N 77°06'00" W
STA. 5+43.34
5+42.59 46.26'
5+43.34 0.70' RT.
P.O.B. 3RJ0097
3RJ0097
5+00
N 45°59'19" E 101.21'
117.76'
4+25.00 40.00'
3+25.00 24.41'
28.57' N 76°11'14" W
3+25.00 4.16' RT.
3+25.00 25.10'
20.94' N 76°11'14" W
TRACT TWO 3RJ0096
NEEDHAM
317.32' S 18°57'07" W
58.36' S 18°57'07" W
STA. 43+31.53
SEE DETAIL 3RJ0037TE.2
38.60' S 89°28'07" W
STA. 4+23.27
4+32.84 P.O.B. 3RJ0096 TRACT TWO 40.00'
108.86' S 21°40'41" W
4+23.27 2.60' RT.
98.29' N 12°54'15" E
218.37' S 12°54'15" W
S'ly LINE OF PREMISES CONVEYED BY DOC. #9403483
SEE DETAIL 3RJ0037TE.1
3RJ0037
P.O.B. 3RJ0037 85.00'
43+32.32 62.63'
43+32.38 91.41'
46.53' S 89°03'29" W
E'ly LINE OF PREMISES CONVEYED BY DOC. #9403483
156.72' N 32°27'12" W
231.59' N 9°47'02" W
3RJ0038
PROPOSED RAMP C CENTERLINE
PROPOSED AC LINE
AC

PARCEL NO. 3RJ0098
CONRAD GACKI

TOTAL HOLDING	=	6.690 AC. ±
TOTAL R.O.W. REQUIRED	=	0.152 AC. ±
REMAINDER	=	6.538 AC. ±

TEMPORARY EASEMENT AREA = 0.072 AC. ± (3,146 S.F.±)
PURPOSE: ENTRANCE CONSTRUCTION

E'ly LINE OF PREMISES CONVEYED BY DOC. #200300030923

DETAIL 3RJ0098TE
P.O.B. 3RJ0098TE 95.00'
18+92.98 95.00'
19+55.00 95.00'
10.04' N 7°23'12" E
61.20' S 2°13'53" E
18+92.12 105.00'
60.68' N 30°21'31" W
19+60.00 156.00'
19+25.00 156.00'
35.00' N 87°32'44" W
62.02' S 87°32'44" E
FIP
FIP

DETAIL 3RJ0096TE.3
6.70' S 76°11'14" E
6+75.00 60.00'
6+75.00 53.30'
45.00' N 13°48'46" E
45.06' S 10°46'00" W
6+30.00 60.00'
6+30.00 P.O.B. 3RJ0096TE.3 50.91'
9.09' N 76°11'14" W

PARCEL NO. 3RJ0096
CORBIN LAND, L.L.C.

TOTAL HOLDING	=	324.137 AC. ±
TOTAL R.O.W. REQUIRED	=	7.934 AC. ±
TRACT ONE	=	7.866 AC. ±
TRACT TWO	=	0.068 AC. ±
AREA IN EXISTING R.O.W.	=	5.117 AC. ±
TRACT ONE	=	5.068 AC. ±
TRACT TWO	=	0.049 AC. ±
NET R.O.W.	=	2.817 AC. ±
TRACT ONE	=	2.798 AC. ±
TRACT TWO	=	0.019 AC. ±
REMAINDER	=	316.203 AC. ±

TEMPORARY EASEMENT AREA 1 = 1.335 AC. ±
PURPOSE: ENTRANCE CONSTRUCTION

TEMPORARY EASEMENT AREA 2 = 0.011 AC.± (465 S.F.±)
PURPOSE: ENTRANCE CONSTRUCTION

TEMPORARY EASEMENT AREA 3 = 0.008 AC.± (355 S.F.±)
PURPOSE: ENTRANCE CONSTRUCTION

PARCEL NO. 3RJ0097
KENNETH E. CORBIN

TOTAL HOLDING	=	3.673 AC. ±
TOTAL R.O.W. REQUIRED	=	0.203 AC. ±
AREA IN EXISTING R.O.W.	=	0.122 AC. ±
NET R.O.W.	=	0.081 AC. ±
REMAINDER	=	3.470 AC. ±

PARCEL NO. 3RJ0037
THOMAS P. DEMPSEY

TOTAL HOLDING	=	7.996 AC. ±
TOTAL R.O.W. REQUIRED	=	1.506 AC. ±
AREA IN EXISTING R.O.W.	=	0.913 AC. ±
NET R.O.W.	=	0.593 AC. ±
REMAINDER	=	6.490 AC. ±

TEMPORARY EASEMENT AREA 1 = 0.018 AC.± (770 S.F.±)
PURPOSE: ENTRANCE CONSTRUCTION

TEMPORARY EASEMENT AREA 2 = 0.182 AC.± (7,926 S.F.±)
PURPOSE: ENTRANCE CONSTRUCTION

DETAIL 3RJ0037TE.2
11.58' S 76°11'14" E
7+00.00 60.00'
7+00.00 48.42'
P.O.B. 3RJ0037TE.2
250.12' N 15°07'07" E
92.08' S 11°53'44" W
5+10.00 95.00'
5+48.00 65.00'
25.00' S 76°11'14" E
5+10.00 120.00'
48.41' S 24°28'38" E
36.40' S 2°07'57" E
4+50.00 40.54'
92.89' S 88°11'58" W
4+75.00 130.00'

DETAIL 3RJ0037TE.1
15.67' S 76°11'14" E
P.O.B. 3RJ0037TE.1
8+60.00 35.33'
8+60.00 51.00'
70.62' N 6°13'05" E
70.00' S 13°48'46" W
7+90.00 44.67'
7+90.00 51.00'
6.33' N 76°11'14" W

CERTIFICATE OF SURVEY

STATE OF ILLINOIS)
) S.S
COUNTY OF LEE)

I, COVENTINE FIDIS, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF PROPOSED FAP RTE 319 WAS MADE BY ME OR UNDER MY DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

DATED THIS __th DAY OF _____, 2010

STATE OF ILLINOIS · COVENTINE FIDIS · 35-2159 · DIXON, ILLINOIS · PROFESSIONAL LAND SURVEYOR

COVENTINE FIDIS - ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 35-2159
MY LICENSE EXPIRES 11/30/12

AMERICAN
SURVEYING & ENGINEERING, P.C.
841 N. Galena Ave. Dixon, IL 61021
815-288-6231
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

NOTE: GRID DISTANCES AND BEARINGS SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE (NAD 83(97))
ALL AREAS BASED ON GROUND DISTANCES
GRID TO GROUND FACTOR = 1.00004933
GROUND TO GRID FACTOR = 0.99995068

0 100' 200'
SCALE 1" = 100'

RIGHT OF WAY PLANS

ROUTE	FAP 319 (U.S. 34)
SECTION	47-3
COUNTY	KENDALL
JOB NUMBER	R-93-025-01
STATION	18+00.00 TO 48+00.00
SCALE	1"=100'

TOTAL SHEETS 196 SHEET NO. 429

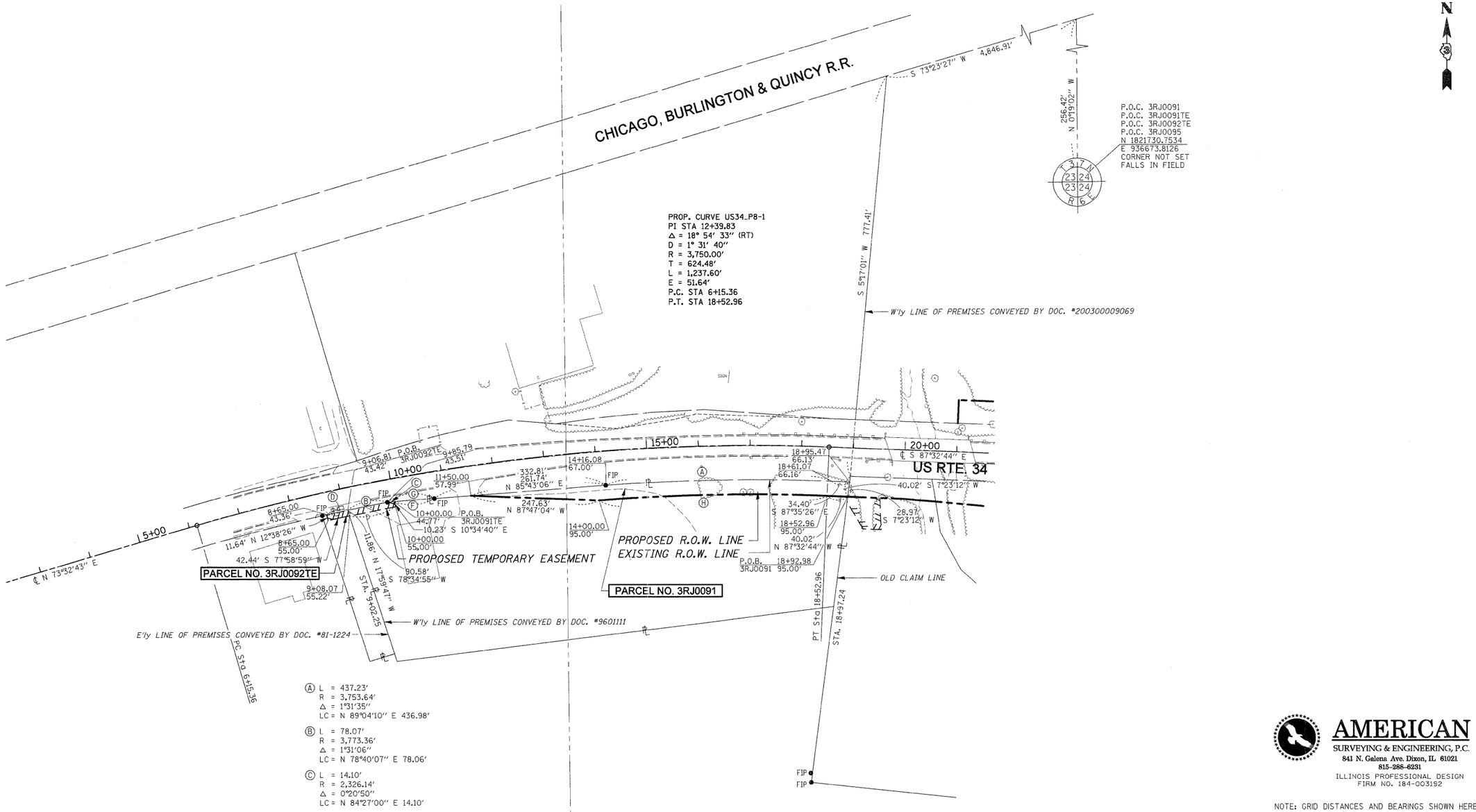
SHEET NO. 3 OF 9 SHEETS

REVISED: 2/7/11

ASE JOB NO. 102050

RECORDED AS DOC. NO. _____FLAT_____FILE_____

SEC. 22 & 23, T 37 N., R 6 E. OF THE 3RD P.M.



Ⓐ L = 437.23'
R = 3,753.64'
Δ = 1°31'35"
LC = N 89°04'10" E 436.98'

Ⓑ L = 78.07'
R = 3,773.36'
Δ = 1°31'06"
LC = N 78°40'07" E 78.06'

Ⓒ L = 14.10'
R = 2,326.14'
Δ = 0°20'50"
LC = N 84°27'00" E 14.10'

Ⓓ L = 41.33'
R = 3,773.36'
Δ = 1°31'06"
LC = N 77°45'50" E 41.33'

Ⓔ L = 144.19'
R = 3,855.38'
Δ = 2°08'34"
LC = S 76°01'34" W 144.19'

Ⓕ L = 77.46'
R = 2,236.14'
Δ = 1°59'05"
LC = S 85°37'37" W 77.46'

Ⓖ L = 91.56'
R = 2,236.14'
Δ = 2°20'46"
LC = S 85°26'47" W 91.55'

Ⓗ L = 441.48'
R = 3,660.00'
Δ = 6°54'40"
LC = S 88°59'39" W 441.21'

PARCEL NO. 3RJ0091

PATRICIA D. SUTKER, et al

TOTAL HOLDING = 5.900 AC. ±
TOTAL R.O.W. REQUIRED = 0.395 AC. ±
REMAINDER = 5.505 AC. ±

TEMPORARY EASEMENT AREA = 0.025 AC.± (1,071 S.F.±)
PURPOSE: ENTRANCE CONSTRUCTION

PARCEL NO. 3RJ0092TE

GREATBANC TRUST COMPANY

TOTAL HOLDING = 0.380 AC. ±
TEMPORARY EASEMENT AREA = 0.011 AC.± (492 S.F.±)
PURPOSE: ENTRANCE CONSTRUCTION

CERTIFICATE OF SURVEY

STATE OF ILLINOIS)
) S.S
COUNTY OF LEE)

I, COVENTINE FIDIS, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF PROPOSED FAP RTE 319 WAS MADE BY ME OR UNDER MY DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

DATED THIS ---- DAY OF ---------, 2010

STATE OF ILLINOIS · COVENTINE FIDIS · 35-2159 · DIXON, ILL. · PROFESSIONAL LAND SURVEYOR

COVENTINE FIDIS - ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 35-2159
MY LICENSE EXPIRES 11/30/12

AMERICAN
SURVEYING & ENGINEERING, P.C.
841 N. Galena Ave. Dixon, IL 61021
815-288-6231
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

NOTE: GRID DISTANCES AND BEARINGS SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE (NAD 83)
ALL AREAS BASED ON GROUND DISTANCES
GRID TO GROUND FACTOR = 1.00004933
GROUND TO GRID FACTOR = 0.99995068

0 100' 200'
SCALE 1" = 100'

RIGHT OF WAY PLANS

ROUTE FAP 319 (U.S. 34)
SECTION 47-3
COUNTY KENDALL
JOB NUMBER R-93-025-01
STATION 7+00.00 TO 18+00.00
SCALE 1"=100'
TOTAL SHEETS 197
SHEET NO. 429

SHEET NO. 4 OF 9 SHEETS

REVISED: 11/11/10

ASE JOB NO. 102050

RECORDED AS DOC. NO. _____FLAT_____FILE_____

SEC. 23, T 37 N., R 6 E. OF THE 3RD P.M.

SEC. 24, T 37 N., R 6 E. OF THE 3RD P.M.

LEGEND

(A) 35.00′ S 3°31′00″ W
(B) 123.70′ N 86°46′51″ W
(C) 35.00′ N 2°55′19″ E
(D) L = 124.07′
R = 11,948.10′
Δ = 0°35′42″
LC = S 86°46′51″ E 124.06′
(E) L = 229.22′
R = 11,948.10′
Δ = 1°05′57″
LC = N 86°41′43″ W 229.21′
(F) 99.36′ S 89°37′58″ W
(G) L = 70.41′
R = 11,948.10′
Δ = 0°20′16″
LC = N 86°18′52″ W 70.41′
(H) 114.18′ N 85°41′50″ W
(I) L = 178.58′
R = 12,327.09′
Δ = 0°49′48″
LC = N 86°06′42″ W 178.58′
(J) L = 2.87′
R = 300.00′
Δ = 0°32′54″
LC = N 2°34′31″ E 2.87′
(K) 62.70′ N 2°09′40″ E
(L) L = 37.34′
R = 12,153.10′
Δ = 0°10′34″
LC = S 86°30′00″ E 37.34′
(M) L = 120.52′
R = 12,123.10′
Δ = 0°34′11″
LC = S 85°53′21″ E 120.52′
(N) 92.62′ S 85°36′15″ E
(O) 50.43′ S 55°32′16″ E
(P) 207.98′ S 89°40′59″ W
(Q) L = 505.09′
R = 12,153.10′
Δ = 2°22′52″
LC = S 87°46′43″ E 505.05′
(R) L = 78.76′
R = 12,153.10′
Δ = 0°22′17″
LC = N 86°46′25″ W 78.76′
(S) 74.37′ N 85°36′15″ W
(T) L = 112.88′
R = 11,948.10′
Δ = 0°32′29″
LC = N 85°52′30″ W 112.88′
(U) 8.23′ S 55°32′16″ E
(V) 45.50′ N 13°53′30″ E
(W) L = 944.72′
R = 12,278.92′
Δ = 4°24′30″
LC = N 88°20′04″ W 944.49′
(X) 86.74′ N 13°53′30″ E
(Y) L = 363.39′
R = 12,227.09′
Δ = 0°28′07″
LC = S 89°41′15″ E 363.38′
(Z) 45.16′ S 1°18′45″ E

N 1821730.7534
E 936673.8126
CORNER NOT SET
FALLS IN FIELD

DOC. # 200500022669

WAUBONSEE DR.

1301 1300 1299 1298 1297 1296 1295 1294 1293 1292 1291 1290 1289 1288 1287 1286

FIP 0.89′ E. 0.89′ N.

N'ly LINE OF PREMISES CONVEYED BY DOC. #71-2765

PARCEL NO. 3RJ0004

LAKEWOOD SPRINGS, L.L.C.

TOTAL HOLDING = 12.509 AC. ±
TOTAL R.O.W. REQUIRED = 1.278 AC. ±
AREA IN EXISTING R.O.W. = 0.524 AC. ±
NET R.O.W. = 0.754 AC. ±
REMAINDER = 11.231 AC. ±

TEMPORARY EASEMENT AREA = 0.027 AC. ±
PURPOSE: ENTRANCE CONSTRUCTION
DOC. #200700020506 - W.D.

PARCEL NO. 3RJ0005

BOARD OF TRUSTEES OF WAUBONSEE COMMUNITY COLLEGE

TOTAL HOLDING = 9.012 AC. ±
TOTAL R.O.W. REQUIRED = 0.285 AC. ±
REMAINDER = 8.727 AC. ±

TEMPORARY EASEMENT AREA = 0.013 AC. ±
PURPOSE: ENTRANCE CONSTRUCTION
DOC. #200700023639 - W.D.

PARCEL NO. 3RJ0109

ADEM RUSHANI, et ux

TOTAL HOLDING = 12.570 AC. ±
TOTAL R.O.W. REQUIRED = 1.066 AC. ±
AREA IN EXISTING R.O.W. = 0.666 AC. ±
NET R.O.W. = 0.400 AC. ±
REMAINDER = 11.504 AC. ±
QUIT CLAIM AREA = 0.011 AC. ±

TEMPORARY EASEMENT AREA = 0.011 AC. ±
TRACT ONE = 0.006 AC. ±
TRACT TWO = 0.005 AC. ±
PURPOSE: ENTRANCE CONSTRUCTION

PARCEL NO. 3RJ0093

FIRST MIDWEST BANK, TRUSTEE

TOTAL HOLDING = 22.360 AC. ±
TOTAL R.O.W. REQUIRED = 0.462 AC. ±
REMAINDER = 21.898 AC. ±

PARCEL NO. 3RJ0006

COMMONWEALTH EDISON CO.

PERMANENT EASEMENT AREA = 1.431 AC. ±
TRACT ONE = 0.434 AC. ±
TRACT TWO = 0.997 AC. ±

WAUBONSEE DRIVE TEMPORARY EASEMENTS (LT & RT) ARE EXPIRED AND NOT AVAILABLE FOR USE DURING THIS PROJECT.

W'ly LINE OF PREMISES CONVEYED BY DOC. #200500029208

E'ly LINE OF PREMISES CONVEYED BY DOC. #72-5537

PROPOSED TEMPORARY EASEMENT LINE

N'ly LINE OF PREMISES CONVEYED BY DOC. #71-2765

PROPOSED R.O.W. LINE

3RJ0004

QUIT CLAIM DEED AREA

DRIVEWAY TO BE REMOVED

SEE DETAIL A

S'ly LINE OF PREMISES CONVEYED BY DOC. #2003-24279

3RJ0005

E'ly LINE OF PREMISES CONVEYED BY DOC. #200500029208

E'ly LINE OF PREMISES CONVEYED BY DOC. #83-2898

3RJ0109

SEE DETAIL C

SEE DETAIL D

3RJ0093

QUIT CLAIM AREA SEE DETAIL B

PARCEL NO. 3RJ0007

IRENE CORBIN

TOTAL HOLDING = 14.797 AC. ±
TOTAL R.O.W. REQUIRED = 2.018 AC. ±
AREA IN EXISTING R.O.W. = 1.280 AC. ±
NET R.O.W. = 0.738 AC. ±
REMAINDER = 12.731 AC. ±

TEMPORARY EASEMENT AREA = 0.100 AC. ±
PURPOSE: ENTRANCE CONSTRUCTION
DOC. #200700023818 - W.D.

QUIT CLAIM AREA = 0.048 AC. ±
DOC. #200700023818 - Q.C.D.

E'ly & W'ly LINE OF PREMISES CONVEYED BY DOC. #71-2765

E. LINE OF THE SE. 1/4 OF SEC. 23

TRACT ONE 3RJ0006

TRACT TWO 3RJ0006

TRACT ONE 3RJ0006

TRACT TWO 3RJ0109TE

TRACT ONE 3RJ0109TE

PT STA. 3360+28.41

PROP. CURVE G2A_P1-2
PI STA. 3351+88.93
Δ = 28°03′34″ (RT)
D = 1°38′13″
R = 3,500.00′
T = 874.58′
L = 1,714.05′
E = 107.61′
P.C. STA. 3343+14.36
P.T. STA. 3360+28.41

CURVE G2A_P1-2

PROPOSED RAMP A CENTERLINE

SEE SHEET 16

SEE SHEET 17

SEE SHEET 15

PROPOSED RAMP B CENTERLINE

PROPOSED FAP 319 (PRAIRIE PARKWAY) CENTERLINE

EXISTING U.S. RTE. 34 CENTERLINE

U.S. RTE. 34

℄ N 90°00′00″ E 3,472.60′

S 89°27′41″ W 1,348.11′

STA. 3353+56.89 FAP 319=
STA. 49+98.58 U.S. 34

PROP. CURVE US34_P10-3
PI STA. 62+83.12
Δ = 4°23′45″ (RT)
D = 0°28′33″
R = 12,038.10′
T = 462.01′
L = 923.56′
E = 8.86′
P.C. STA. 58+21.11
P.T. STA. 67+44.67

CURVE US34_P10-3

PERMANENT EASEMENT & AC LINE

COMMONWEALTH EDISON

P.O.C. 3RJ0109
P.O.C. 3RJ0109TE.1
P.O.C. 3RJ0109TE.2
P.O.C. 3RJ0004
P.O.C. 3RJ0004TE
P.O.C. 3RJ0005
P.O.C. 3RJ0005TE
P.O.C. 3RJ0007
P.O.C. 3RJ0007TE
P.O.C. 3RJ0037
P.O.C. 3RJ0037TE.1
P.O.C. 3RJ0037TE.2
P.O.C. 3RJ0093
P.O.C. 3RJ0096 TRACT TWO
P.O.C. 3RJ0096TE.3
P.O.C. 3RJ0097
P.O.C. 3RJ0099
P.O.C. 3RJ0099TE
N 1819048.2121
E 936688.6588
SET 5/8″ REBAR
18″ DEEP
PER MON. REC.
200900016867

LEGEND
① 66+22.69 23.37′
② 66+24.38 0.00′
③ 66+22.30 28.72′

DETAIL A

DETAIL B

DETAIL C

DETAIL D

EXISTING R.O.W. LINES
PROPOSED U.S. RTE. 34 CENTERLINE

MITCHEL DR.

AMERICAN
SURVEYING & ENGINEERING, P.C.
841 N. Galena Ave. Dixon, IL 61021
815-288-6231

ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

NOTE: GRID DISTANCES AND BEARINGS SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE (NAD 83(97))
ALL AREAS BASED ON GROUND DISTANCES
GRID TO GROUND FACTOR = 1.00004933
GROUND TO GRID FACTOR = 0.99995068

0 100′ 200′
SCALE 1″ = 100′

CERTIFICATE OF SURVEY

STATE OF ILLINOIS)
) S.S
COUNTY OF LEE)

I, COVENTINE FIDIS, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF PROPOSED FAP RTE 319 WAS MADE BY ME OR UNDER MY DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

DATED THIS ____ DAY OF _____, 2010

STATE OF ILLINOIS · COVENTINE FIDIS · 35-2159 · DIXON, ILL. · PROFESSIONAL LAND SURVEYOR

COVENTINE FIDIS - ILLINOIS PROFESSIONAL
LAND SURVEYOR NUMBER 35-2159
MY LICENSE EXPIRES 11/30/10

RIGHT OF WAY PLANS

ROUTE FAP 319 (U.S. 34)
SECTION 47-3
COUNTY KENDALL
JOB NUMBER R-93-025-01
STATION 48+00.00 TO 75+00.00
SCALE 1″=100′
TOTAL SHEETS 198
SHEET NO. 429

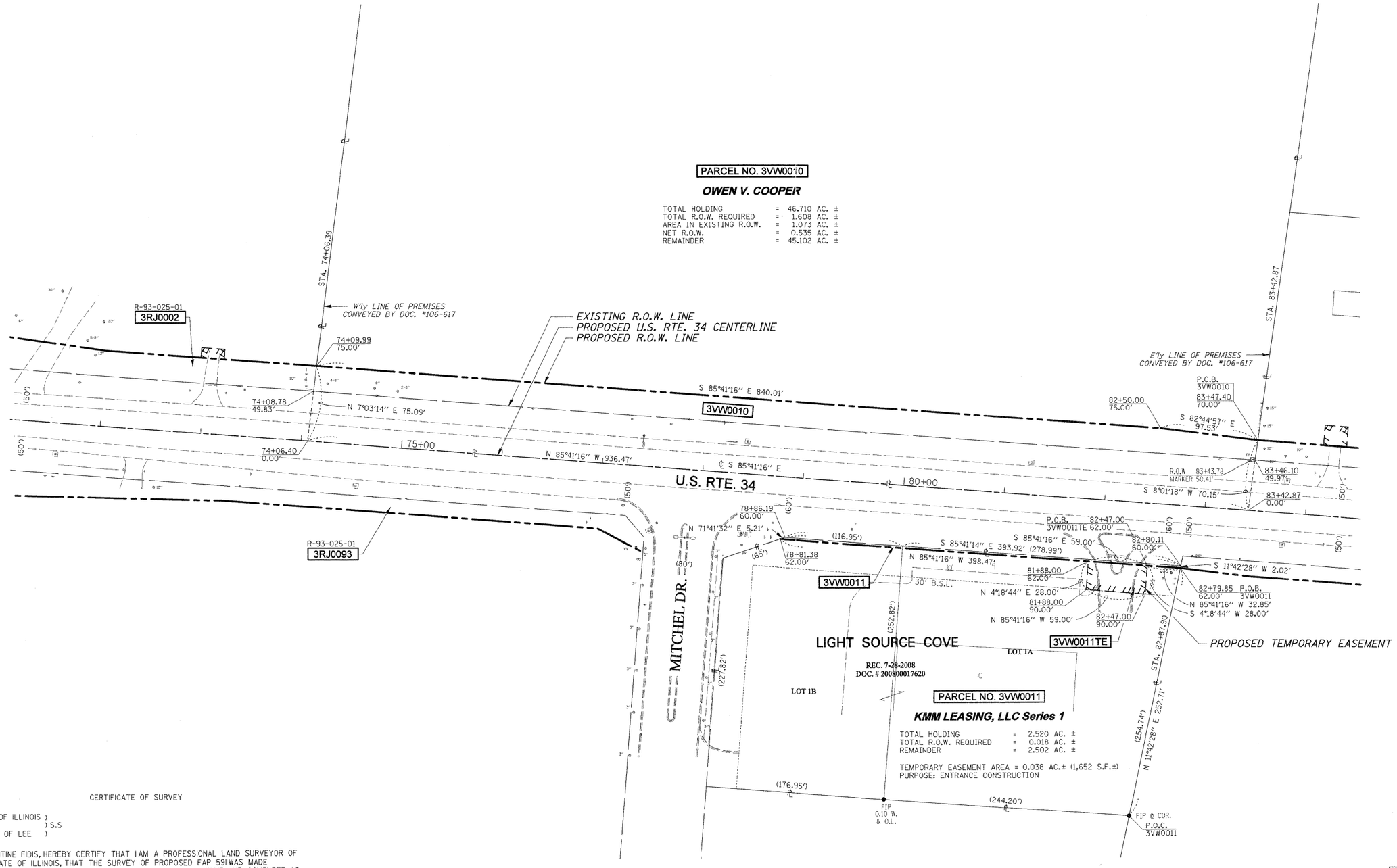
SHEET NO. 5 OF 9 SHEETS

REVISED: 1/18/2011

ASE JOB NO. 102050

RECORDED AS DOC. NO. _____FLAT_____FILE_____

SEC. 24, T 37 N., R 6 E. OF THE 3RD P.M.



CERTIFICATE OF SURVEY

STATE OF ILLINOIS)
) S.S
COUNTY OF LEE)

I, COVENTINE FIDIS, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF PROPOSED FAP 591 WAS MADE BY ME OR UNDER MY DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

DATED THIS ____ DAY OF _____, 2010

STATE OF ILLINOIS · COVENTINE F. FIDIS · 35-2159 · DIXON, ILL. · PROFESSIONAL LAND SURVEYOR

COVENTINE FIDIS - ILLINOIS PROFESSIONAL
LAND SURVEYOR NUMBER 35-2159
MY LICENSE EXPIRES 11/30/10

AMERICAN
SURVEYING & ENGINEERING, P.C.
841 N. Galena Ave. Dixon, IL 61021
815-288-6231
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

NOTE: GRID DISTANCES AND BEARINGS SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE (NAD 83(97))
ALL AREAS BASED ON GROUND DISTANCES
GRID TO GROUND FACTOR = 1.00004933
GROUND TO GRID FACTOR = 0.99995068

0 50' 100'
SCALE 1" = 50'

RIGHT OF WAY PLANS

ROUTE FAP 591 (US 34)
SECTION 14R-1
COUNTY KENDALL
JOB NUMBER R-93-003-10
STATION 74+00.00 TO 82+00.00
SCALE 1"=50'
TOTAL SHEETS 199
SHEET NO. 429

SHEET NO. 6 OF 9 SHEETS

REVISED: 11/11/10

ASE JOB NO. 106235

RECORDED AS DOC. NO. _____ FLAT _____ FILE _____

SEC. 24, T 37 N., R 6 E. OF THE 3RD P.M.

N

DETAIL A
3VW0001TE
S 85°41'16" E 23.00'
84+13.00 90.00'
84+36.00 90.00'
N 4°18'44" E 20.00'
S 4°18'44" W 20.00'
84+13.00 70.00'
84+36.00 P.O.B. 70.00' 3VW0001TE
N 85°41'16" W 23.00'

PARCEL NO. 3VW0001
WILLIAM K. ROLF, et ux
TOTAL HOLDING = 1.002 AC. ±
TOTAL R.O.W. REQUIRED = 0.080 AC. ± (3,502 S.F.±)
REMAINDER = 0.922 AC. ±
TEMPORARY EASEMENT AREA = 0.011 AC.± (460 S.F.±)
PURPOSE: ENTRANCE CONSTRUCTION

PARCEL NO. 3VW0002
LAKEWOOD SPRINGS HOMEOWNERS ASSOC.
TOTAL HOLDING = 2.750 AC. ±
TOTAL R.O.W. REQUIRED = 0.131 AC. ±
REMAINDER = 2.619 AC. ±

FIP 0.14' N. & 2.65' W.
FIP 0.38' S. & 0.12' W.
STA. 83+42.87
STA. 85+17.85
E'ly LINE OF PREMISES CONVEYED BY DOC. #106-617
E'ly & W'ly LINE OF PREMISES CONVEYED BY DOC. #200800003761
LOT 42
LOT 43
LOT 44
OUTLOT D
POND
LAKEWOOD SPRINGS UNIT 1
REC. 12-29-03
DOC. # 200300044403
LAKEWOOD SPRINGS DR.
OUTLOT C
(SEE SHEET 1 FOR AREAS)
PARCEL NO. 3VW0010
P.O.B. 3VW0010
83+47.40 70.00'
3VW0001
SEE DETAIL A
3VW0001TE
P.O.C. 3VW0001
P.O.C. 3VW0001TE
P.O.C. 3VW0002
P.O.C. 3VW0010
S 8°01'18" W 53.49'
FIP 0.27' S. & ON LINE
FIP 0.28' S. & ON LINE
86.39'
85+22.39 P.O.B. 3VW0001 70.00' P.O.B. 3VW0002
FIP 0.30' S.
3VW0002
91+23.16 95.00'
FIP 0.14' SE.
92+23.15 95.00'
92+58.15 60.00'
N 8°01'18" E 20.07'
S 85°41'16" E 174.99'
20.04'
N 8°01'18" E 10.02'
S 85°41'16" E 575.72'
N 85°41'16" W 566.35'
N 85°41'53" W 936.48'
R.O.W 83+43.78 MARKER 50.41'
83+46.10 49.97'
N 85°41'47" W 174.99'
85+21.10 50.00'
85+21.74 60.00'
S 8°01'18" W 70.15'
S 8°01'18" W 10.02'
90+98.12 70.00'
90+88.10 60.00'
S 49°21'41" W 14.16'
FIP 0.20' S. & 0.18' SE.
J 85+00
U.S. RTE. 34
POT Sta 88+27.83
℄ S 85°41'16" E
J 90+00
J 95+00
82+80.11 60.00'
82+81.41 50.00'
N 11°42'28" E 12.11'
70.21'
N 83°14'20" W
82+79.85 62.00' P.O.B. 3VW0003
83+50.00 65.00'
N 11°42'28" E 2.02'
FIP 0.18' S. & 0.12' E.
S 85°41'16" E 505.46'
N 85°41'16" W 436.87'
213.00'
526.00'
87+86.87 50.00'
FIP 0.08' N. & 1.18' E.
89+36.86 50.00'
FIP 0.10' S. & 1.35' E.
90+86.85 50.00'
FIP 0.08' N. & 1.12' E.
92+84.71 0.00'
S 85°41'16" E 50.00'
93+34.70 0.00'
N 3°19'29" E 50.00'
92+85.57 50.00'
S 3°19'29" W 50.00'
93+35.56 50.00'
93+98.49 50.00'
S 85°41'16" E 198.71'
N 87°07'52" W 198.66'
S 85°41'16" E 62.92'
S 3°41'02" W 10.00'
R.O.W 96+56.57 MARKER 50.20'
3VW0003
SEE DETAIL B
3VW0003TE
PROPOSED TEMPORARY EASEMENT
EXISTING R.O.W. LINE
PROPOSED U.S. RTE. 34 CENTERLINE
PROPOSED R.O.W. LINE
SEE DETAIL C
3VW0004TE
3VW0004
3VW0005
3VW0006
S 4°18'44" W 15.00'
N 85°41'16" W 149.99'
S 85°41'16" E 149.99'
89+36.86 300.00' 65.00'
P.O.B. 90+86.85 3VW0005 65.00'
N 85°41'16" W 113.15'
92+00.00 65.00'
STA. 87+86.87
STA. 89+36.86
STA. 90+86.85
STA. 93+97.94
(220.01')
(148.34')
(227.71')
43.5'
44.7'
FIP 0.08' E. & ON LINE
93+98.60 60.00'
P.O.B. 3VW0006
P.O.C. 3VW0005
P.O.C. 3VW0005TE
LOT 1
MID-PRAIRIE P.U.D PHASE I
REC. 6-12-98
DOC. #9807828
W'ly LINE OF PREMISES CONVEYED BY DOC. #9807130
E'ly & W'ly LINE OF PREMISES CONVEYED BY DOC. #20040002265
E'ly & W'ly LINE OF PREMISES CONVEYED BY DOC. #200300038253
E'ly LINE OF PREMISES CONVEYED BY DOC. #9807130
FIP 0.08' N. & 1.24' E.
FIP 0.49' N. & 1.27' E.
FIP 0.16' S. & 1.54' E.
H
C
WELL

LIGHT SOURCE COVE
REC. 7-28-2008
DOC. # 200800017620
LOT 1A
W'ly LINE OF PREMISES CONVEYED BY DOC. #200600009197
N 11°42'28" E 252.71'
STA. 82+87.90
FIP ø COR.
P.O.C. 3VW0003
P.O.C. 3VW0003TE
P.O.C. 3VW0004
P.O.C. 3VW0004TE

PARCEL NO. 3VW0003
CASTLE BANK, N.A., TRUSTEE
TOTAL HOLDING = 24.250 AC. ±
TOTAL R.O.W. REQUIRED = 0.172 AC. ±
REMAINDER = 24.078 AC. ±
TEMPORARY EASEMENT AREA = 0.003 AC.± (130 S.F.±)
PURPOSE: ENTRANCE CONSTRUCTION

P.O.B. 3VW0003TE
85+63.00 65.00'
S 85°41'16" E 26.00'
N 4°18'44" E 5.00'
N 85°41'16" W 26.00'
S 4°18'44" W 5.00'
85+63.00 70.00'
85+89.00 65.00'
85+89.00 70.00'
DETAIL B
3VW0003TE

88+76.00 65.00'
P.O.B. 3VW0004TE
89+00.00 65.00'
S 85°41'16" E 24.00'
N 4°18'44" E 10.00'
S 4°18'44" W 10.00'
88+76.00 75.00'
N 85°41'16" W
89+00.00 75.00'
DETAIL C
3VW0004TE

PARCEL NO. 3VW0004
CAYWOOD CROSSING, LLC
TOTAL HOLDING = 30,000 SQ.FT. ±
TOTAL R.O.W. REQUIRED = 2,251 SQ.FT. ±
REMAINDER = 27,749 SQ.FT. ±
TEMPORARY EASEMENT AREA = 240 SQ.FT. ±
PURPOSE: ENTRANCE CONSTRUCTION

PARCEL NO. 3VW0005
DALE J. KOTNOUR
TOTAL HOLDING = 30,000 SQ.FT. ±
TOTAL R.O.W. REQUIRED = 2,251 SQ.FT. ±
REMAINDER = 27,749 SQ.FT. ±

PARCEL NO. 3VW0006
THE JOY RANCH, INC.
TOTAL HOLDING = 10.000 AC. ±
TOTAL R.O.W. REQUIRED = 0.153 AC. ± (6,680 S.F.±)
AREA IN EXISTING R.O.W. = 0.057 AC. ± (2,500 S.F.±)
NET R.O.W. = 0.096 AC. ± (4,180 S.F.±)
REMAINDER = 9.847 AC. ±

CERTIFICATE OF SURVEY

STATE OF ILLINOIS)
) S.S
COUNTY OF LEE)

I, COVENTINE FIDIS, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF PROPOSED FAP 591 WAS MADE BY ME OR UNDER MY DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

DATED THIS ____ DAY OF _____, 2010

STATE OF ILLINOIS · COVENTINE FIDIS · 35-2159 · PROFESSIONAL LAND SURVEYOR · DIXON, ILL.

COVENTINE FIDIS - ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 35-2159
MY LICENSE EXPIRES 11/30/10

AMERICAN
SURVEYING & ENGINEERING, P.C.
841 N. Galena Ave. Dixon, IL 61021
815-288-6231
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

NOTE: GRID DISTANCES AND BEARINGS SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE (NAD 83(97))
ALL AREAS BASED ON GROUND DISTANCES
GRID TO GROUND FACTOR = 1.00004933
GROUND TO GRID FACTOR = 0.99995068

0 50' 100'
SCALE 1" = 50'

RIGHT OF WAY PLANS

ROUTE FAP 591 (US 34)
SECTION 14R-1
COUNTY KENDALL
JOB NUMBER R-93-003-10
STATION 82+00.00 TO 96+00.00
SCALE 1"=50'
TOTAL SHEETS 200
SHEET NO. 429

SHEET NO. 7 OF 9 SHEETS

REVISED: 11/11/10

ASE JOB NO. 106235