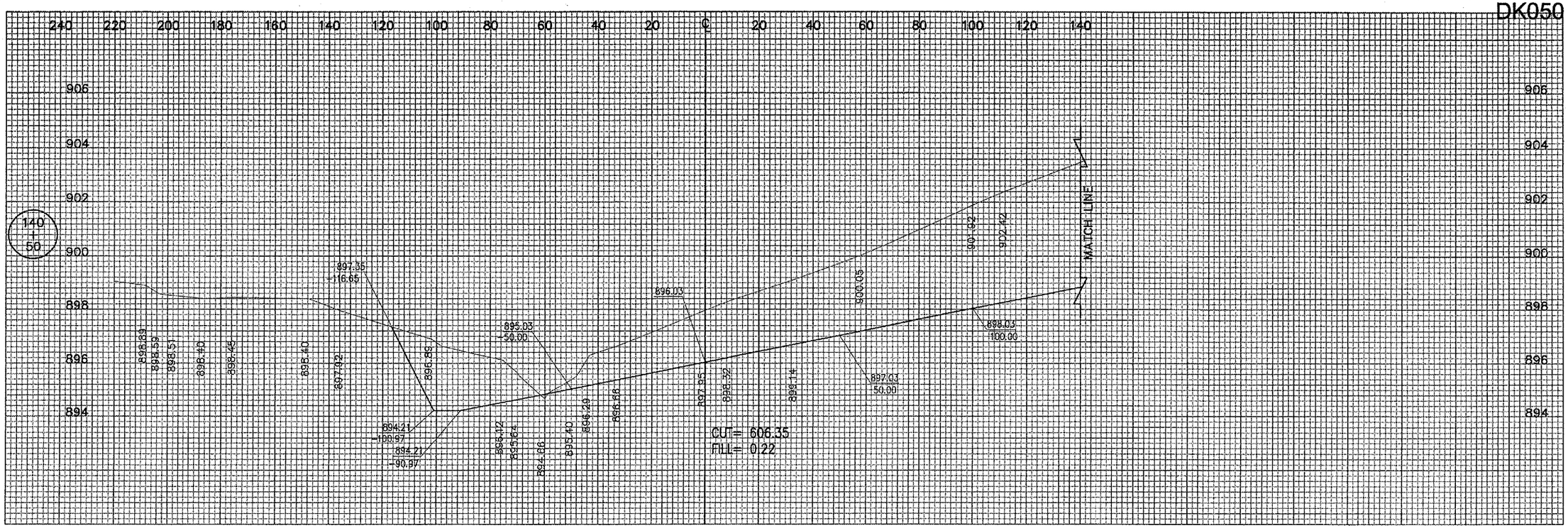
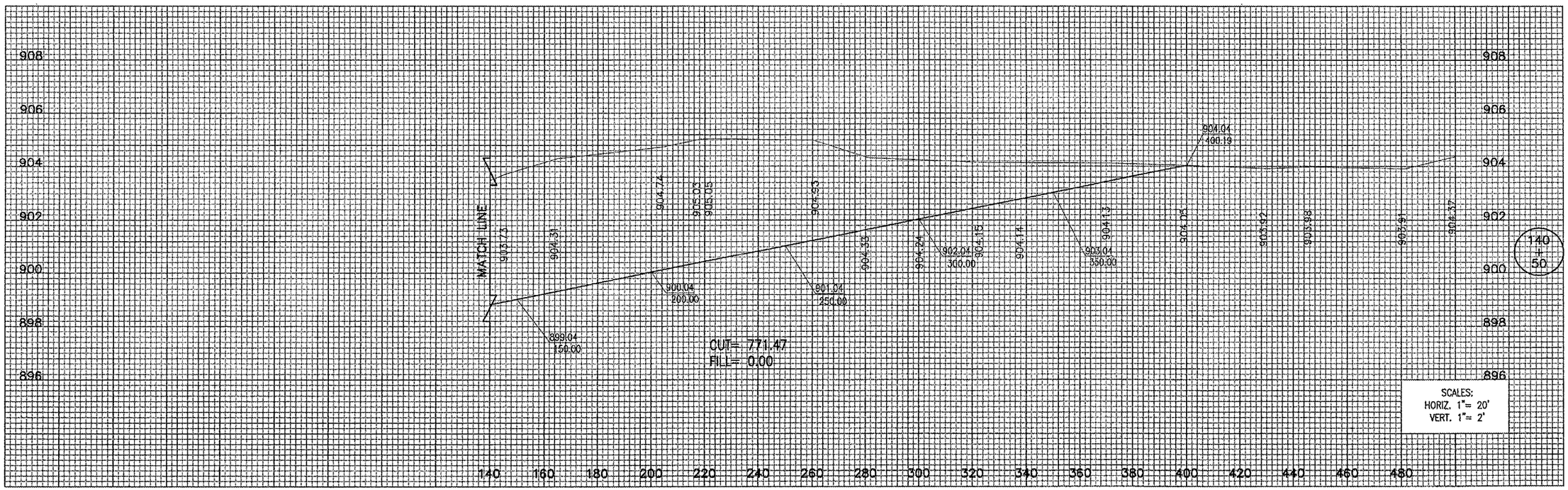
DK050





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DATE	REVISION	BY

DEKALB TAYLOR MUNICIPAL AIRPORT

IL PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-842

IDI Project No. 803-05TXYAD 0800
Filename R-319A-TXYA.DWG
Scale H. 1"=20' V. 1"=2'
Date 02/14/06

LAYOUT	MDR	02/14/06
DRAWN	MDR	02/14/06
REVIEWED	CAH	03/06/06

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EXTEND TAXIWAY "A"

PROPOSED CROSS-SECTIONS FOR TAXIWAY "A" STA. 140+50

101
101 of 224 sheets

APR 05, 2006 2:34 PM BAK
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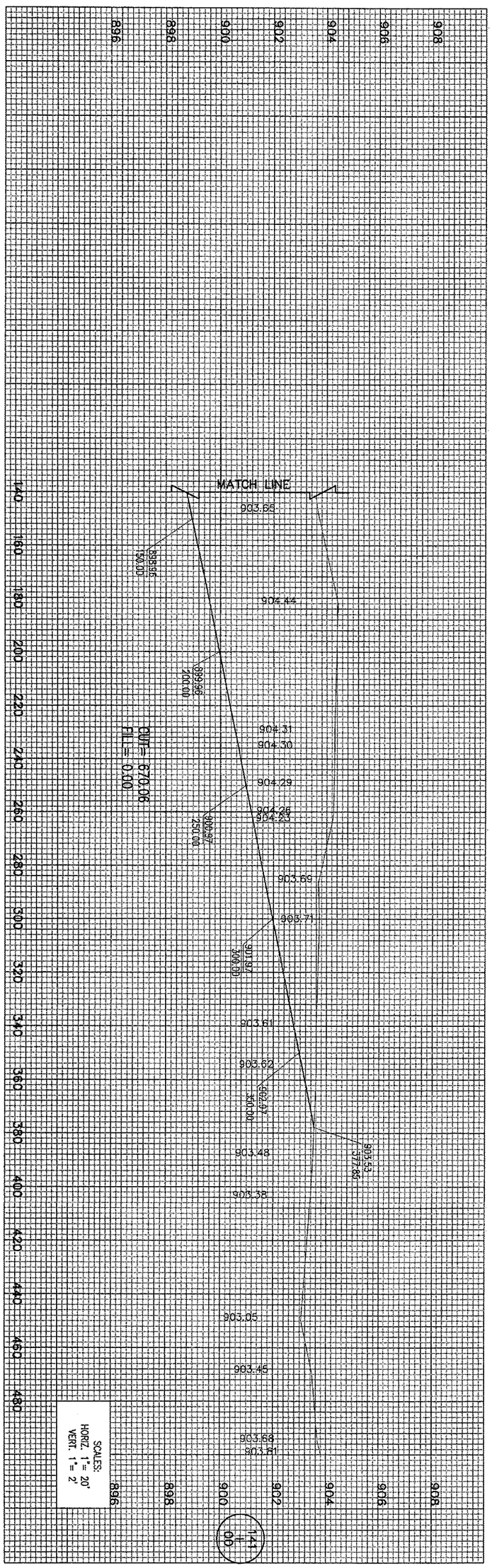

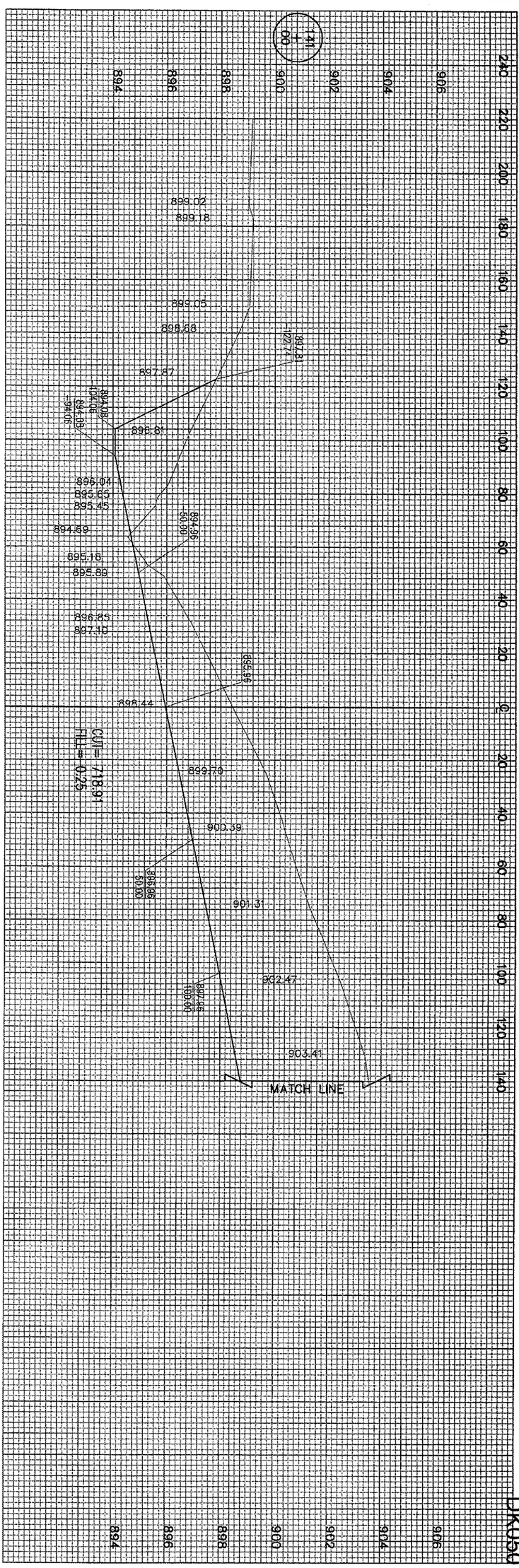

DK050

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102

EXTEND
TAXIWAY "A"

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "A"
STA. 141+00

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HEI Project No.	803-05TXYA0 0800
Filename	R-319B-TXYA.DWG
Scale	H. 1"=20' V. 1"=2'
Date	02/14/06

LAYOUT	MDR	02/14/06
DRAWN	MDR	02/14/06
REVIEWED	CAH	03/06/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-842

DATE	REVISION	BY

APR 05, 2006 2:53 PM BAK
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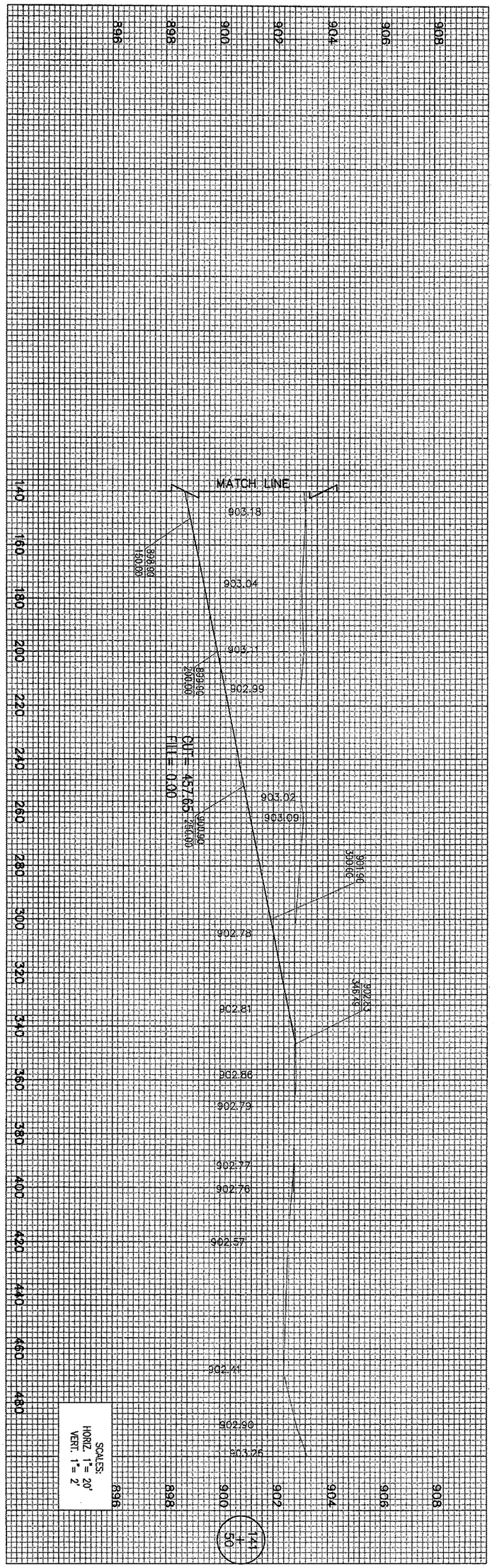

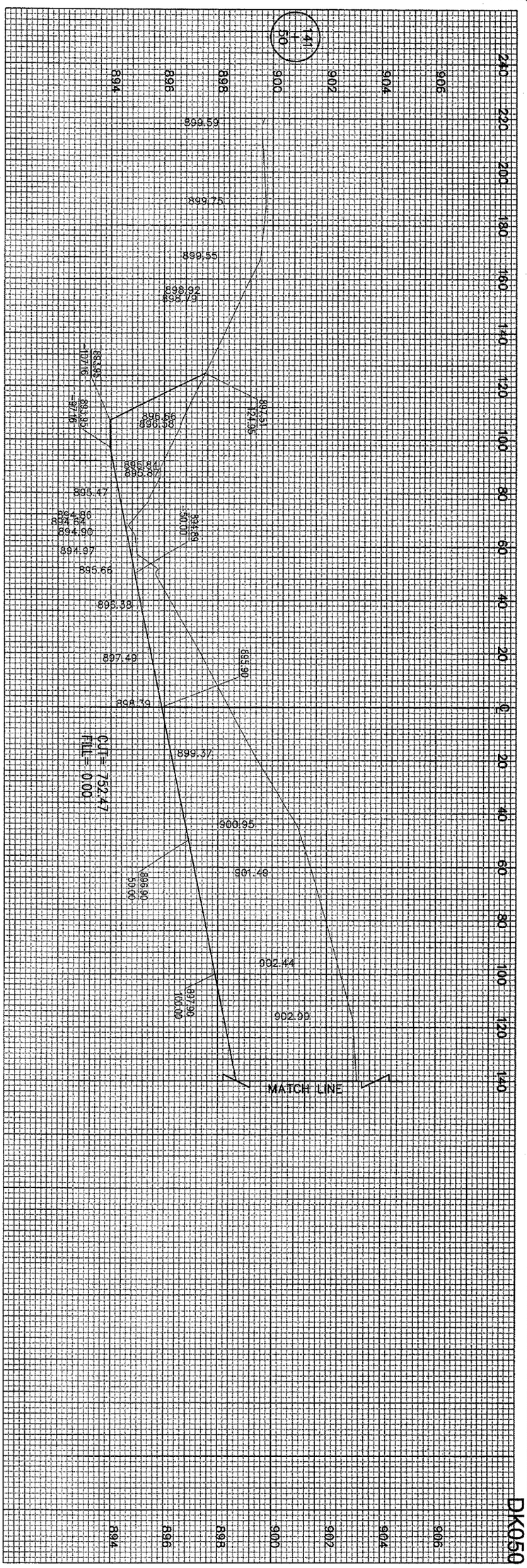

DK050

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103

EXTEND
TAXIWAY "A"

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "A"
STA. 141+50

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HPI Project No.	803-05TXYAD 0800
Filename	R-321-TXYA.DWG
Scale	H. 1"=20' V. 1"=2'
Date	02/14/06

LAYOUT	MDR	02/14/06
DRAWN	MDR	02/14/06
REVIEWED	CAH	03/06/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

APR 05, 2006 2:58 PM BAK
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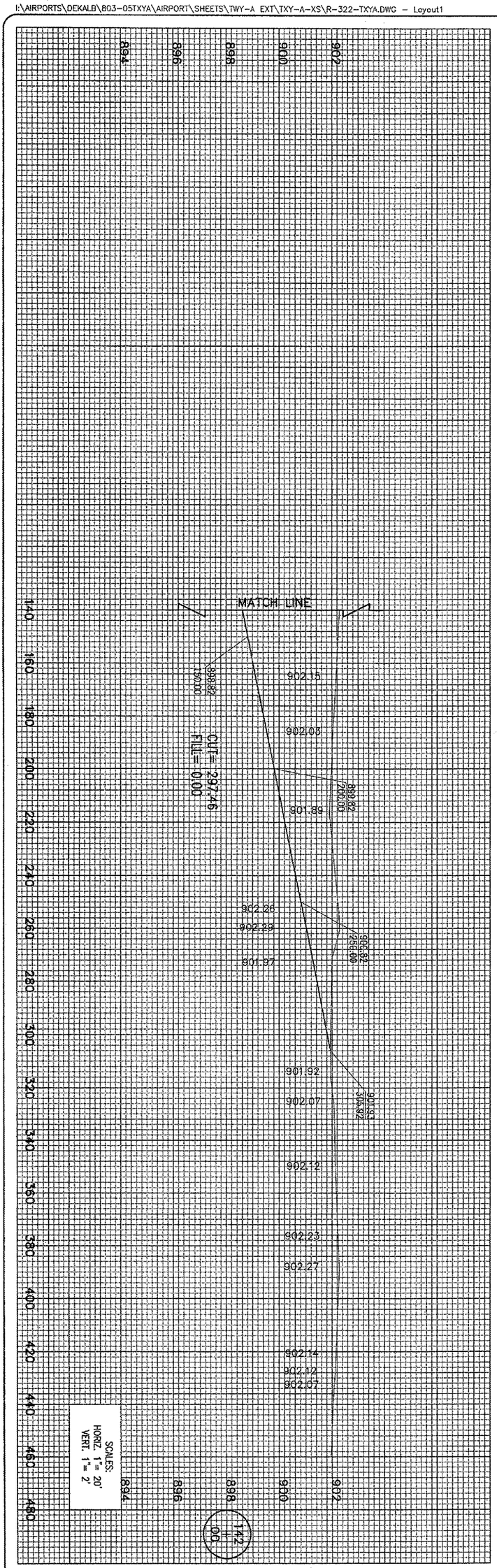

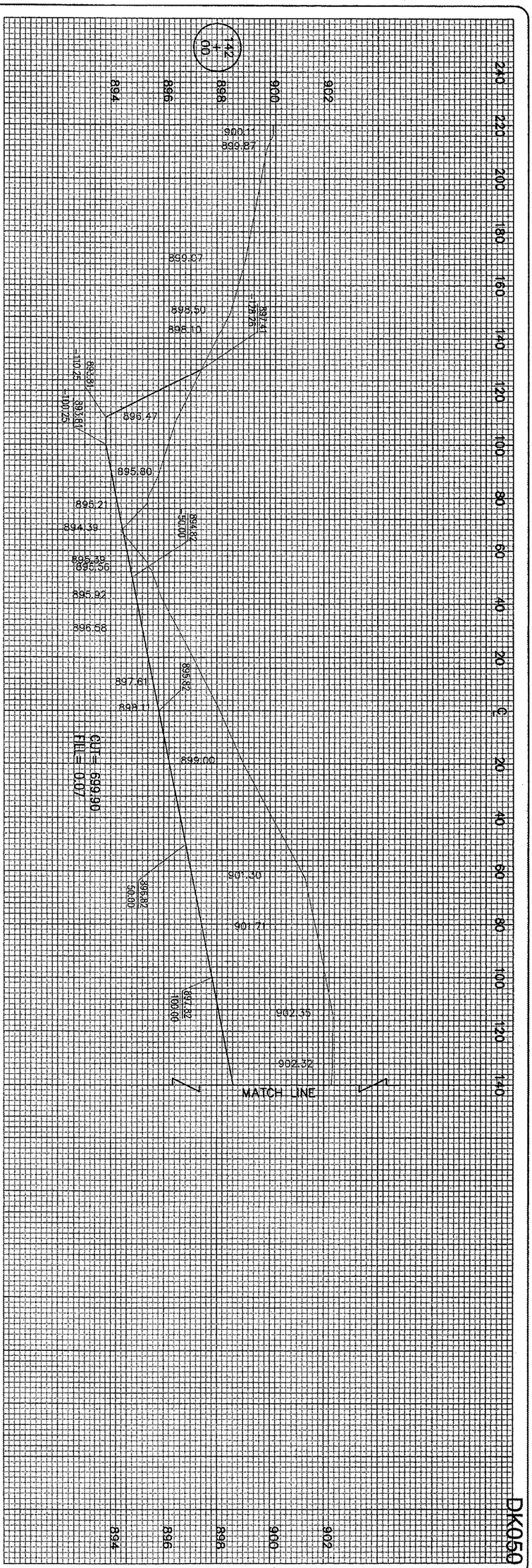

DK050

104 of 224 sheets

104

EXTEND
TAXIWAY "A"

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "A"
STA. 142+00

HANSON

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HPI Project No. 803-05TXYAD 0800
Filename R-322-TXYA.DWG
Scale H. 1"=20' V. 1"=2'
Date 02/20/06

LAYOUT	MDR	02/20/06
DRAWN	MDR	02/20/06
REVIEWED	CAH	03/06/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

APR 05, 2006 3:07 PM BAK
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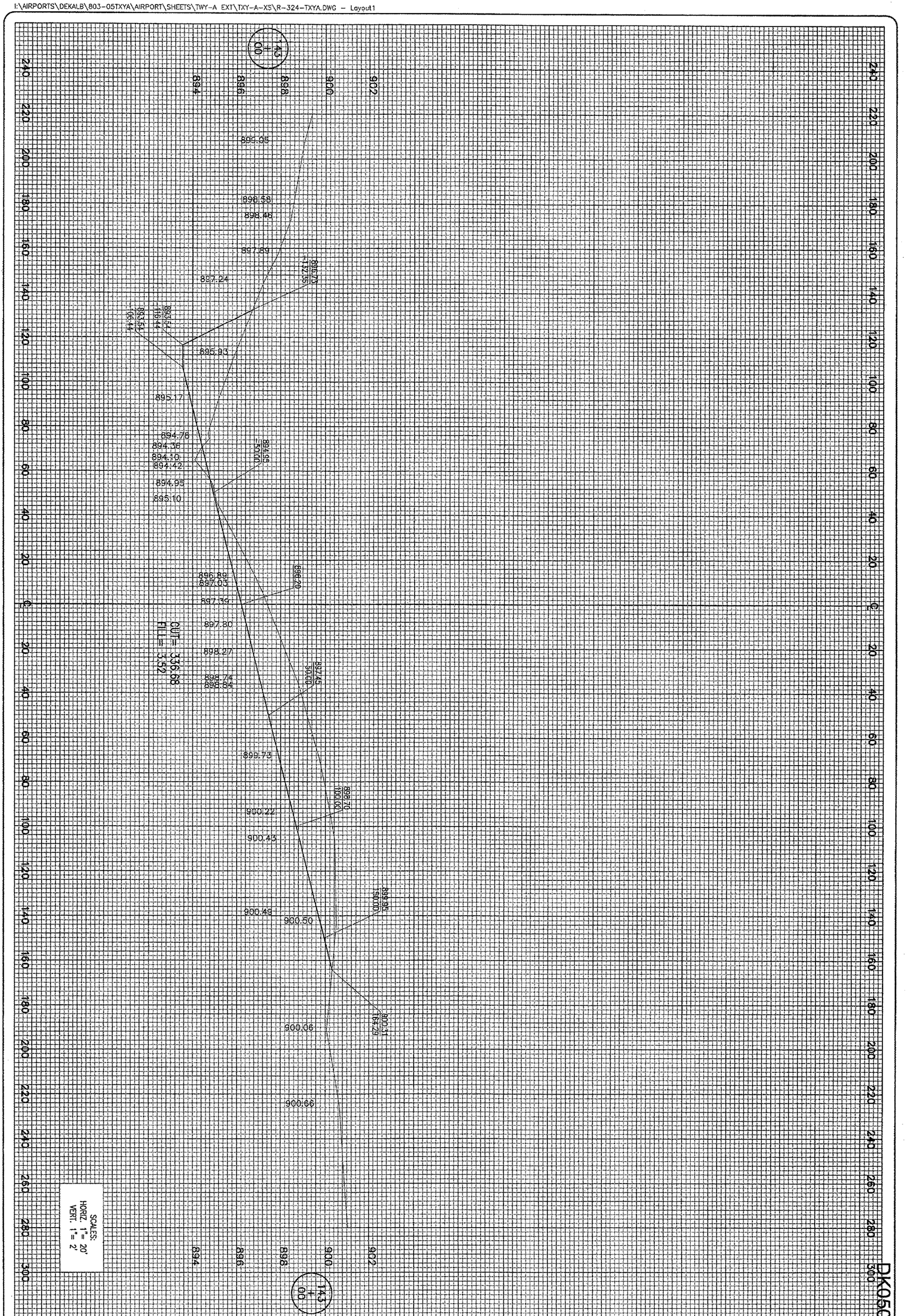

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106

EXTEND
TAXIWAY "A"

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "A"
STA. 143+00

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HPS Project No.	803-05TXYAD 0800
Filename	R-324-TXYA.DWG
Scale	H. 1"=20' V. 1"=2'
Date	02/20/06

LAYOUT	MDR	02/20/06
DRAWN	MDR	02/20/06
REVIEWED	CAH	03/06/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

APR 05, 2006 3:03 PM BAK
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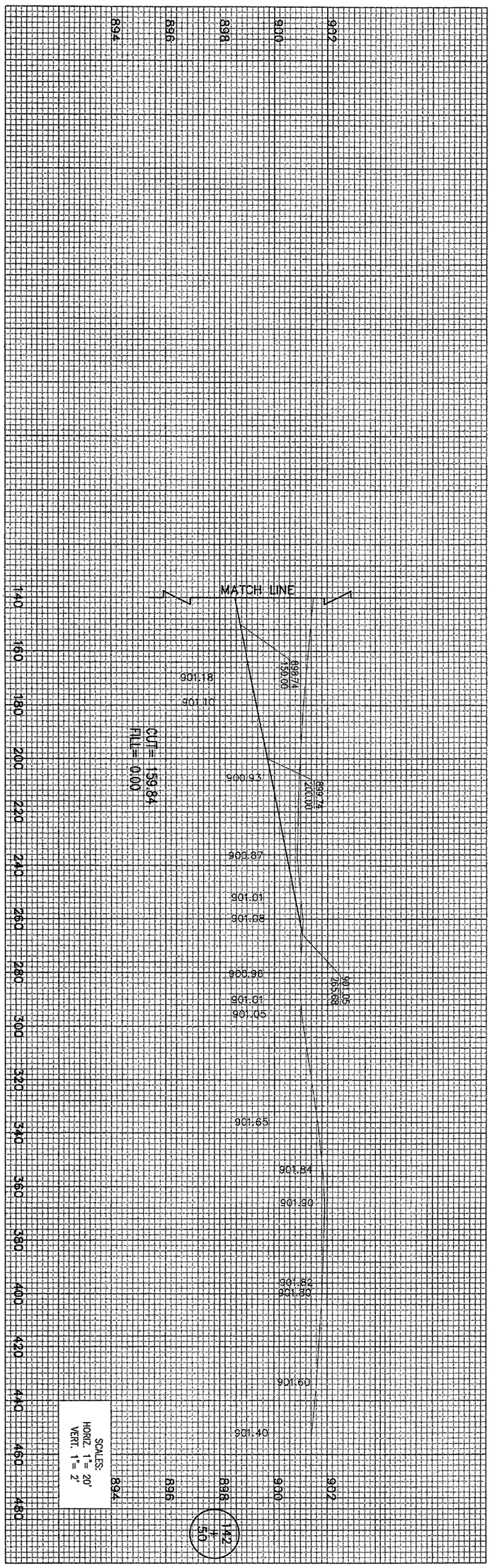

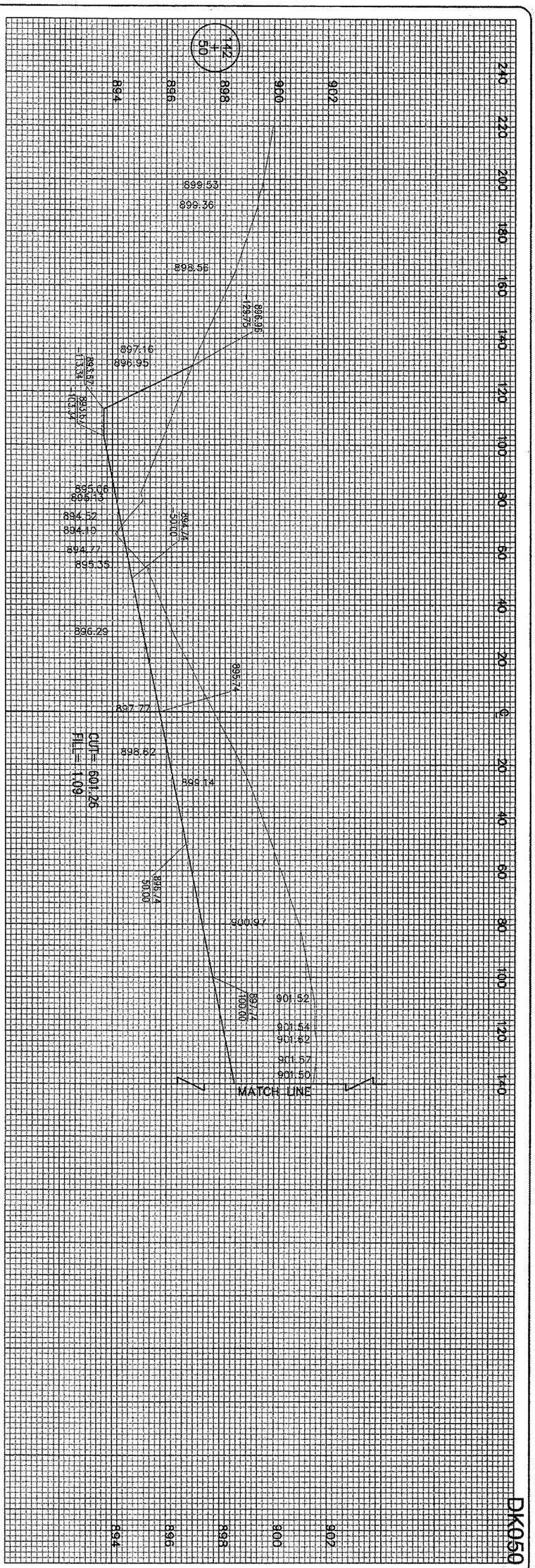

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105

EXTEND
TAXIWAY "A"

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "A"
STA. 142+50

HANSON

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HEI Project No. 803-05TXYAD 0800
Filename R-323-TXYA.DWG
Scale H. 1"= 20' V. 1"= 2'
Date 02/20/06

LAYOUT	BAK	02/20/06
DRAWN	BAK	02/20/06
REVIEWED	CAH	03/06/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

APR 05, 2006 3:12 PM BAK
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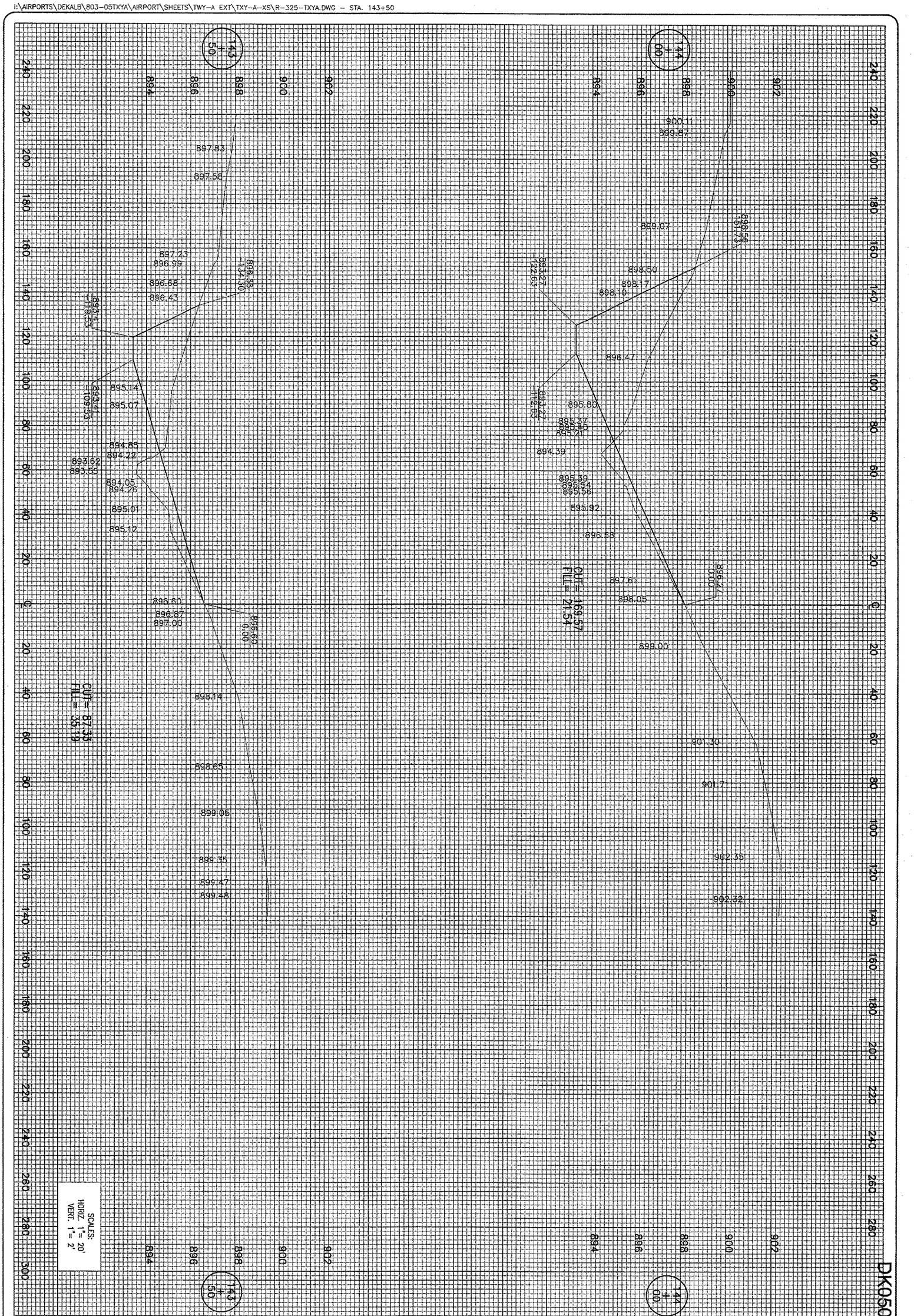

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107

EXTEND
TAXIWAY "A"

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "A"
STA. 143+50 TO STA. 144+00

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HPI Project No.	803-05TXYA0 0800
Filename	R-325-TXYA.DWG
Scale	H. 1"= 20' V. 1"= 2'
Date	02/20/06

LAYOUT	BAK	02/20/06
DRAWN	BAK	02/20/06
REVIEWED	CAH	03/14/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

APR 05, 2006 3:16 PM BAK
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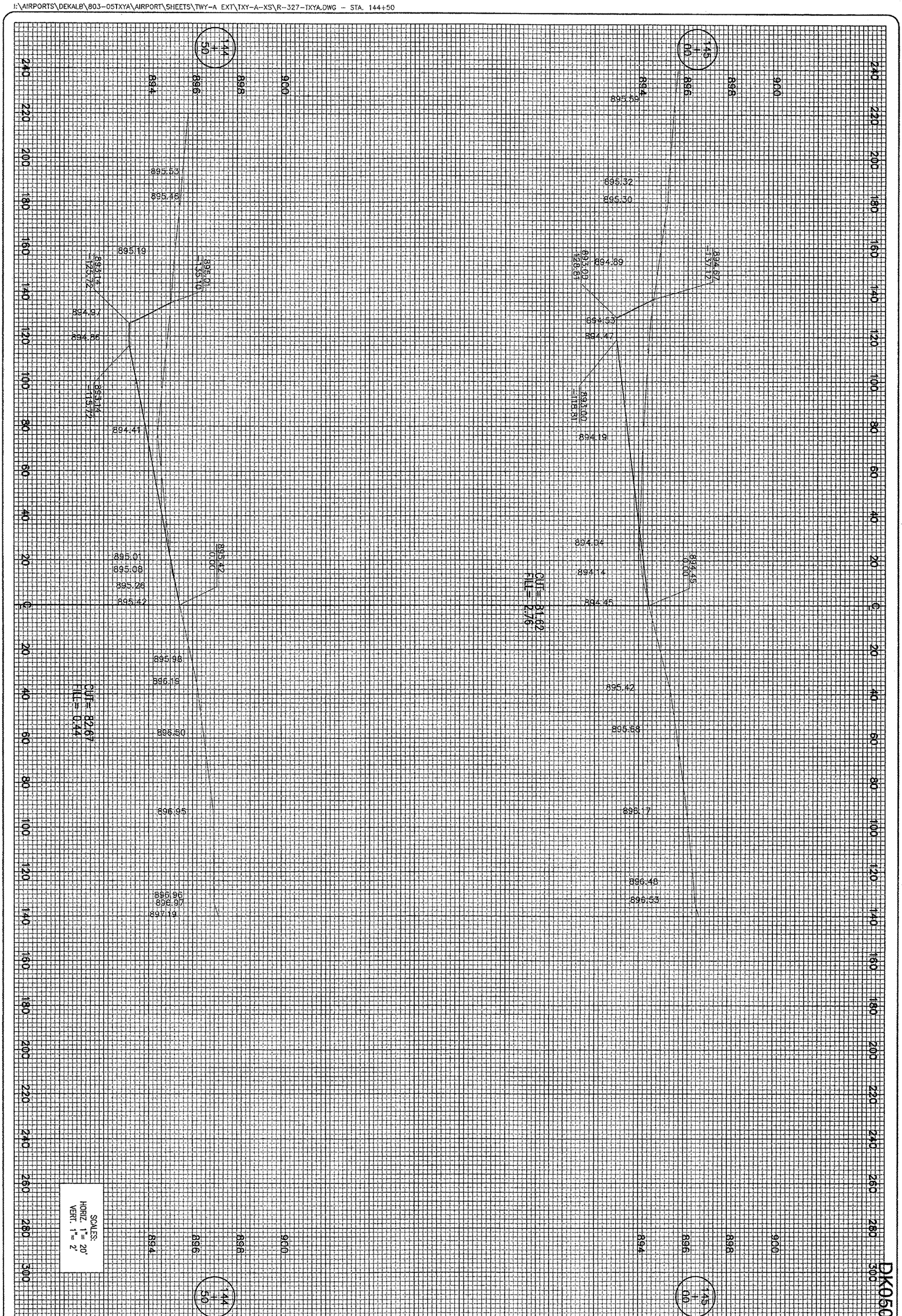

DK050

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108

EXTEND
TAXIWAY "A"

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "A"
STA. 144+50 TO STA. 145+00

HANSON

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HPI Project No.	803-05TXYAD 0800
Filename	R-327-TXYA.DWG
Scale	H. 1"= 20' V. 1"= 2'
Date	02/20/06

LAYOUT	BAK	02/20/06
DRAWN	BAK	02/20/06
REVIEWED	CAH	03/14/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-842

DATE	REVISION	BY

APR 05, 2006 3:27 PM BAK
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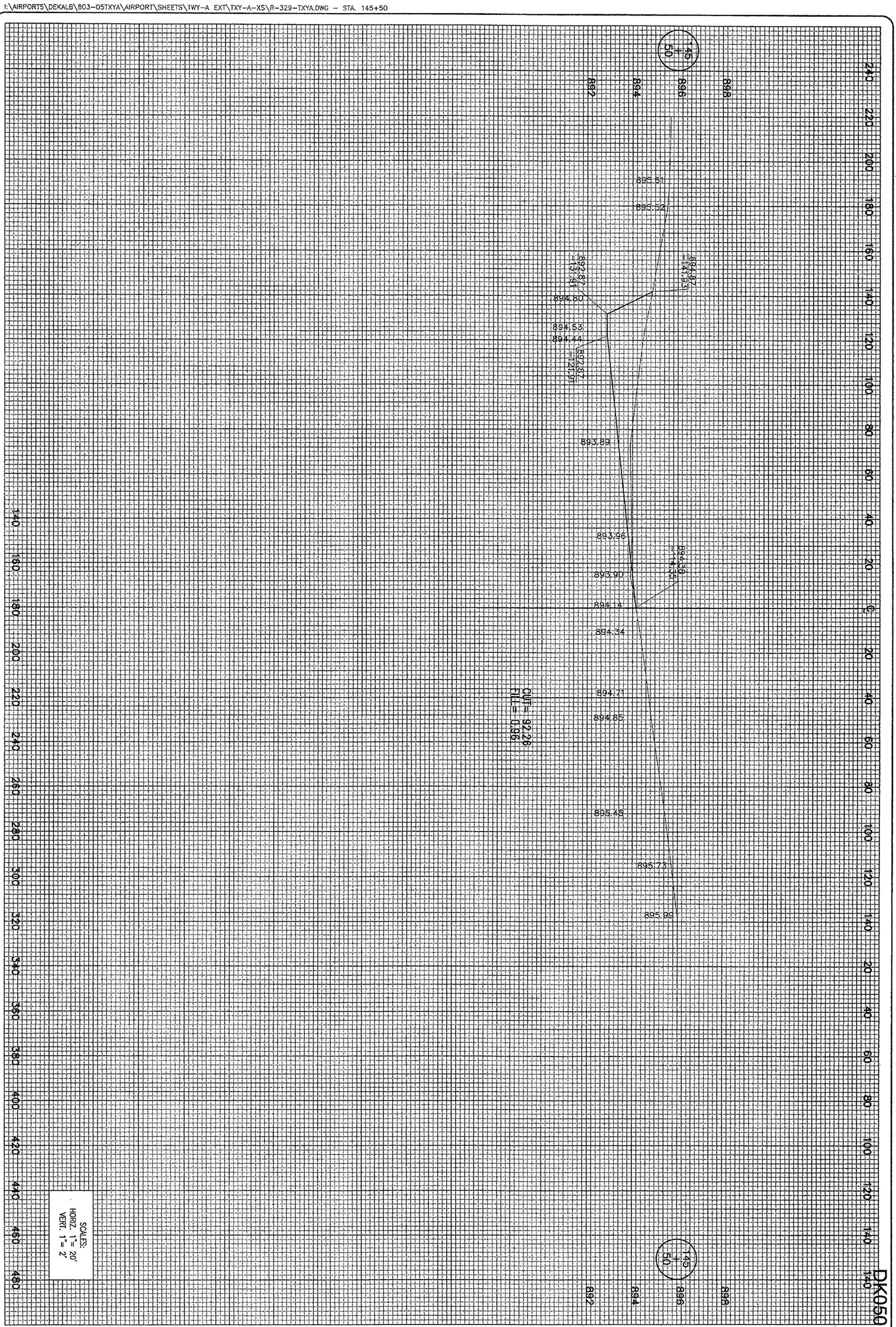

109 of 224 sheets

109

EXTEND
TAXIWAY "A"

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "A"
STA. 145+50

HANSON

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HPI Project No.	803-05TXYAD 0800
Filename	R-329-TXYA.DWG
Scale	H. 1"= 20' V. 1"= 2'
Date	02/20/06

LAYOUT	BAK	02/20/06
DRAWN	BAK	02/20/06
REVIEWED	CAH	03/14/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

APR 06, 2006 7:36 AM BAK
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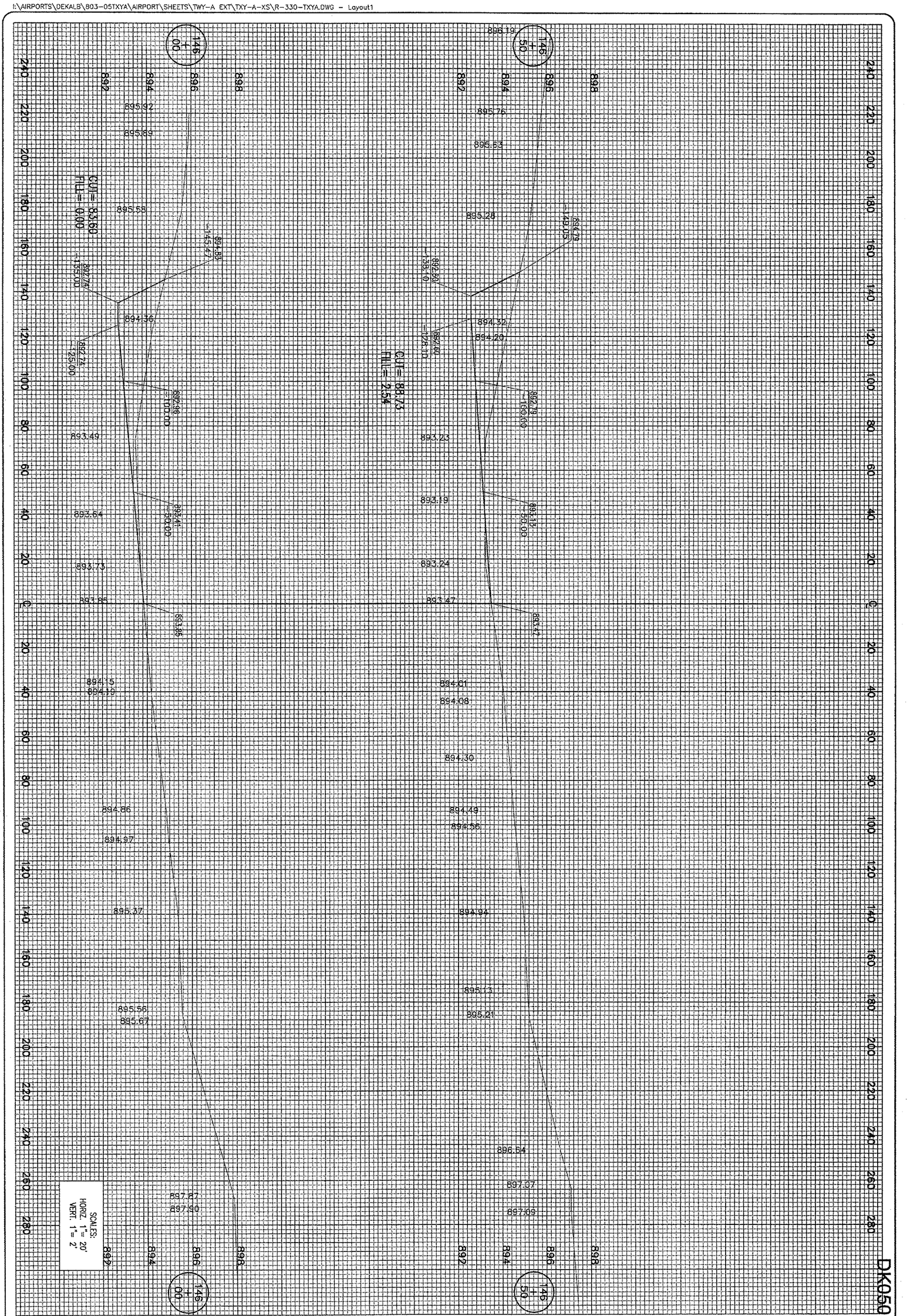

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110

EXTEND TAXIWAY "A"

PROPOSED CROSS-SECTIONS FOR TAXIWAY "A"
STA. 146+00 TO STA. 146+50

HANSON
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HPI Project No.	803-05TXYAD 0800
Filename	R-330-TXYA.DWG
Scale	H. 1"=20' V. 1"=2'
Date	02/21/06

LAYOUT	MDR	02/21/06
DRAWN	MDR	02/21/06
REVIEWED	CAH	03/06/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

APR 06, 2006 7:41 AM BAK
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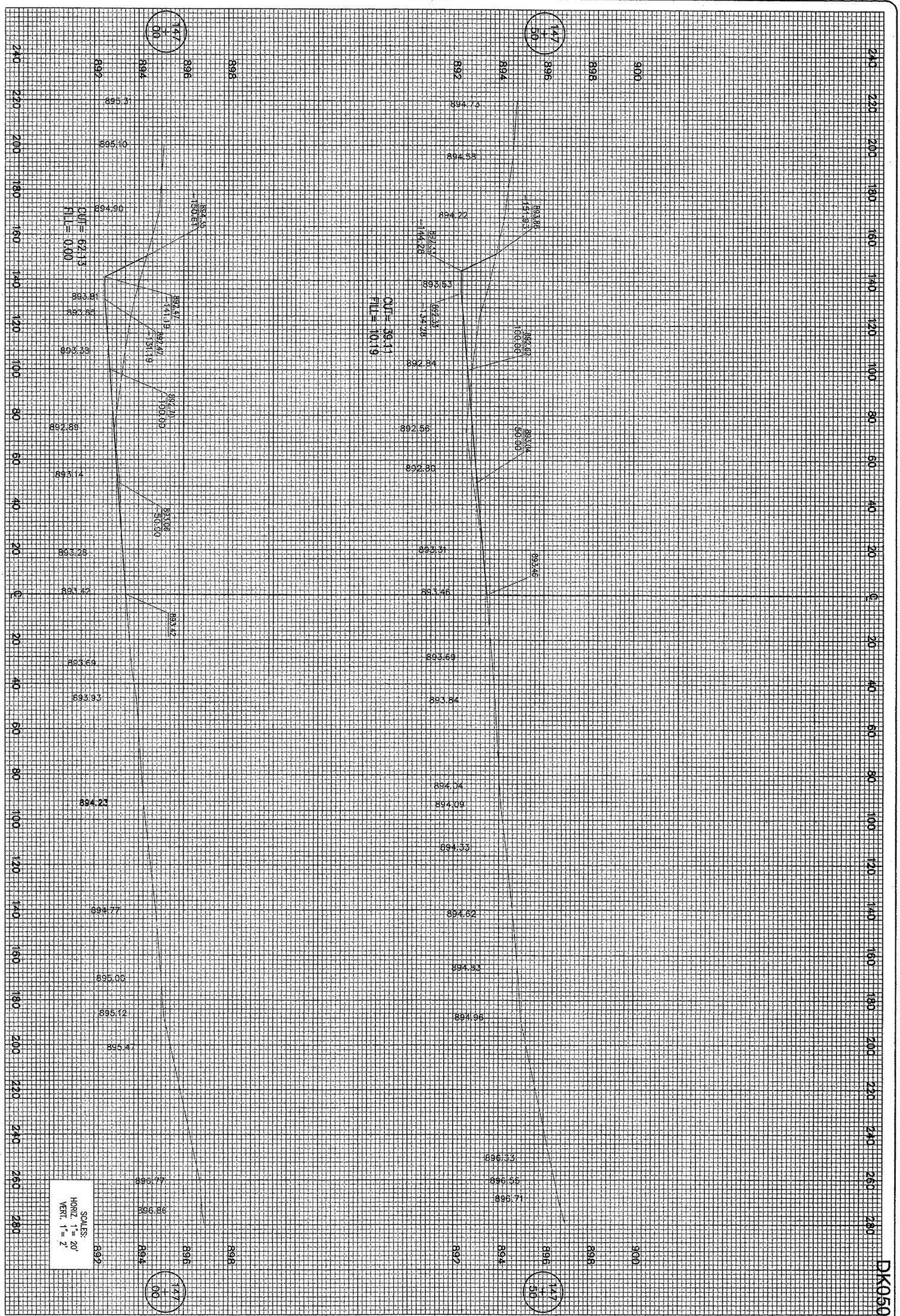

DK050

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111

EXTEND
TAXIWAY "A"

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "A"
STA. 147+00 TO STA. 147+50

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Springfield, Illinois 62703-2886
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HPI Project No.	803-05TXYAD 0800
Filename	R-331-TXYA.DWG
Scale	H. 1"= 20' V. 1"= 2'
Date	02/20/06

LAYOUT	BAK	02/20/06
DRAWN	BAK	02/20/06
REVIEWED	CAH	03/06/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

APR 06, 2006 7:44 AM BAK
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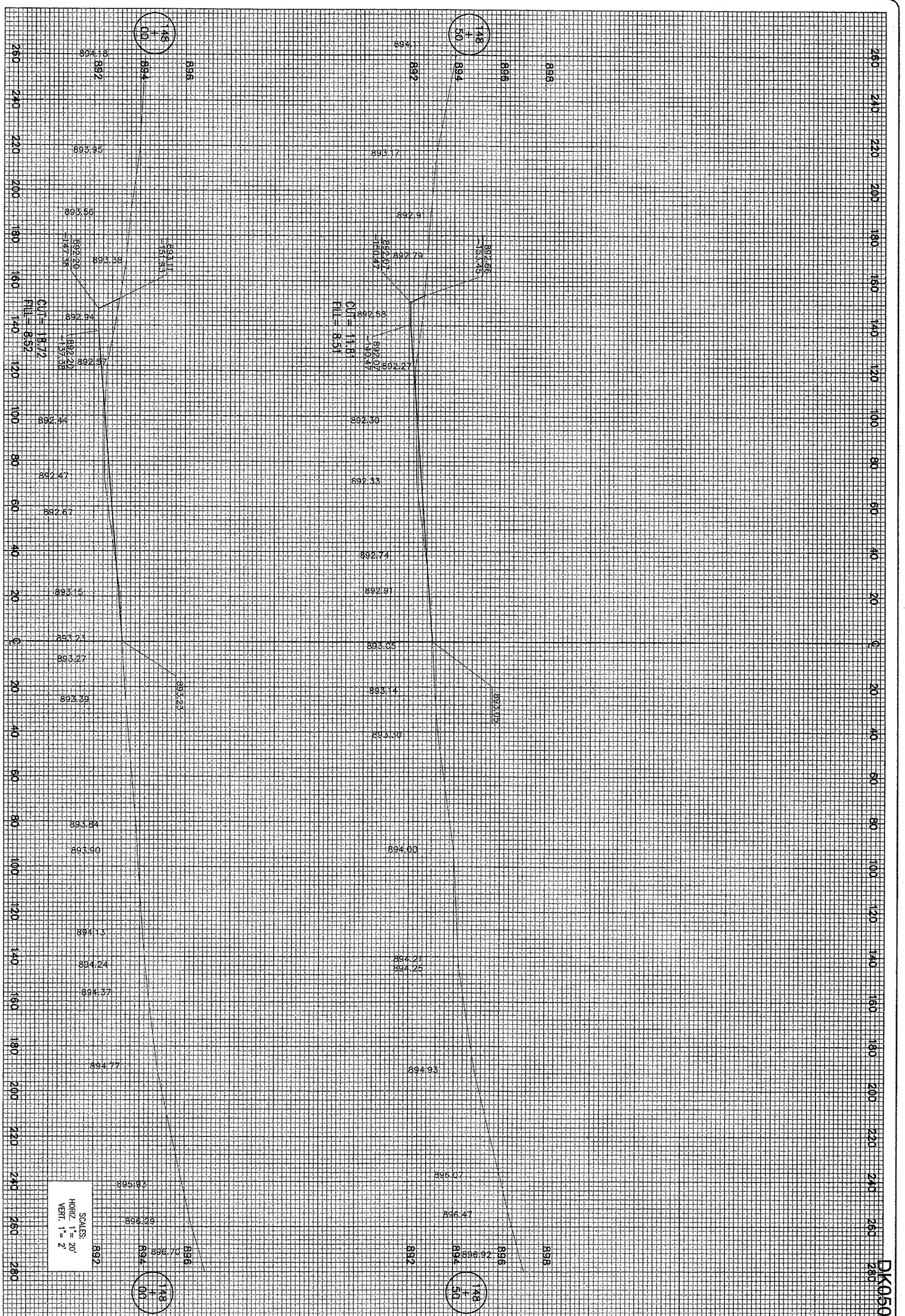

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EXTEND TAXIWAY "A"

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "A"
STA. 148+00 TO STA. 148+50

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HEI Project No.	803-05TXYAD 0800
Filename	R-332-TXYA.DWG
Scale	H. 1"=20' V. 1"=2'
Date	02/21/06

LAYOUT	MDR	02/21/06
DRAWN	MDR	02/21/06
REVIEWED	CAH	03/06/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT
IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

APR 06, 2006 7:48 AM BAK
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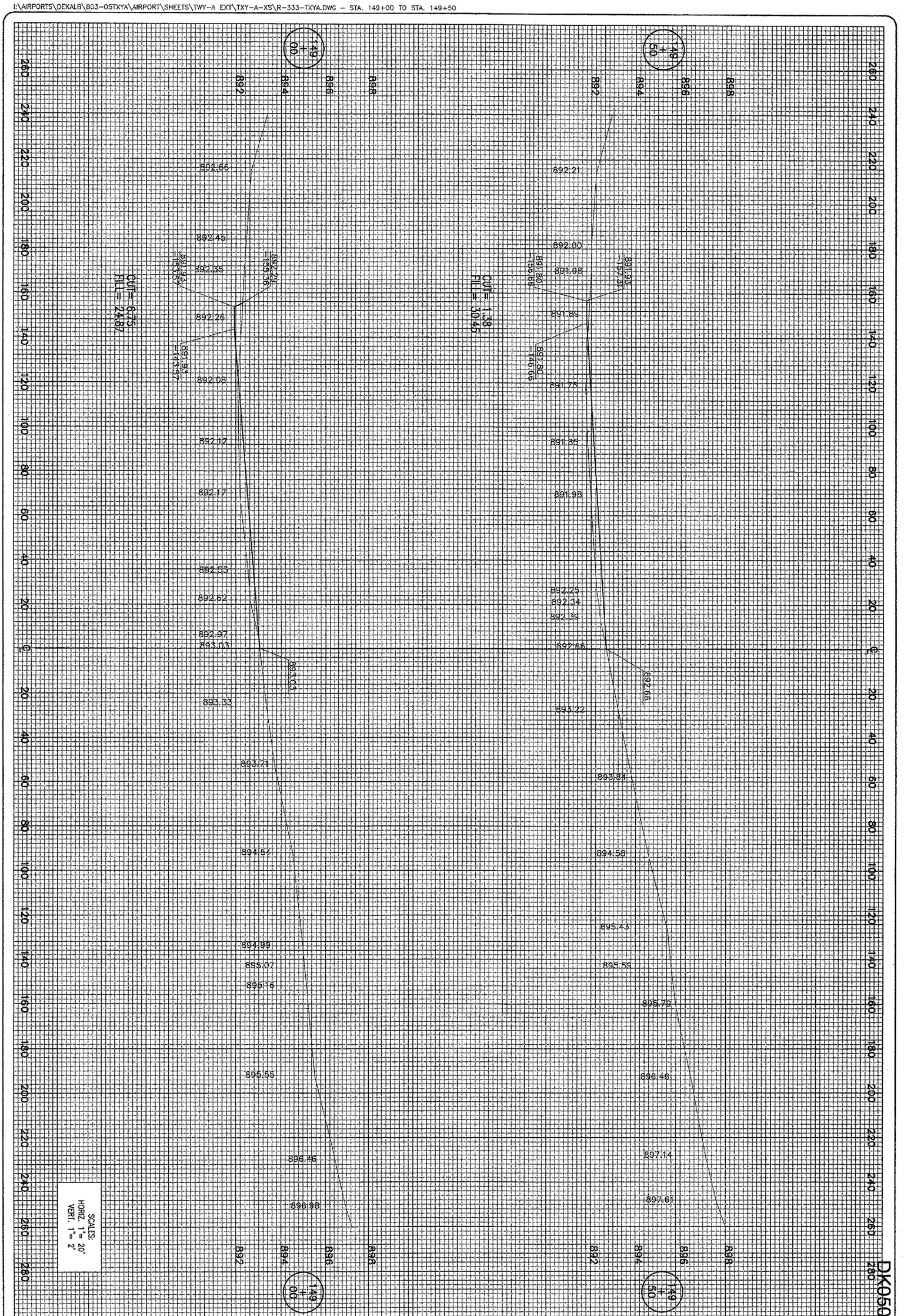

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113

EXTEND
TAXIWAY "A"

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "A"
STA. 149+00 TO STA. 149+50

HANSON

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Springfield, Illinois 62703-2886
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HPI Project No.	803-05TXYAD 0800
Filename	R-333-TXYA.DWG
Scale	H. 1"=20' V. 1"= 2'
Date	02/20/06

LAYOUT	BAK	02/20/06
DRAWN	BAK	02/20/06
REVIEWED	CAH	03/06/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

APR 06, 2006 7:51 AM BAK
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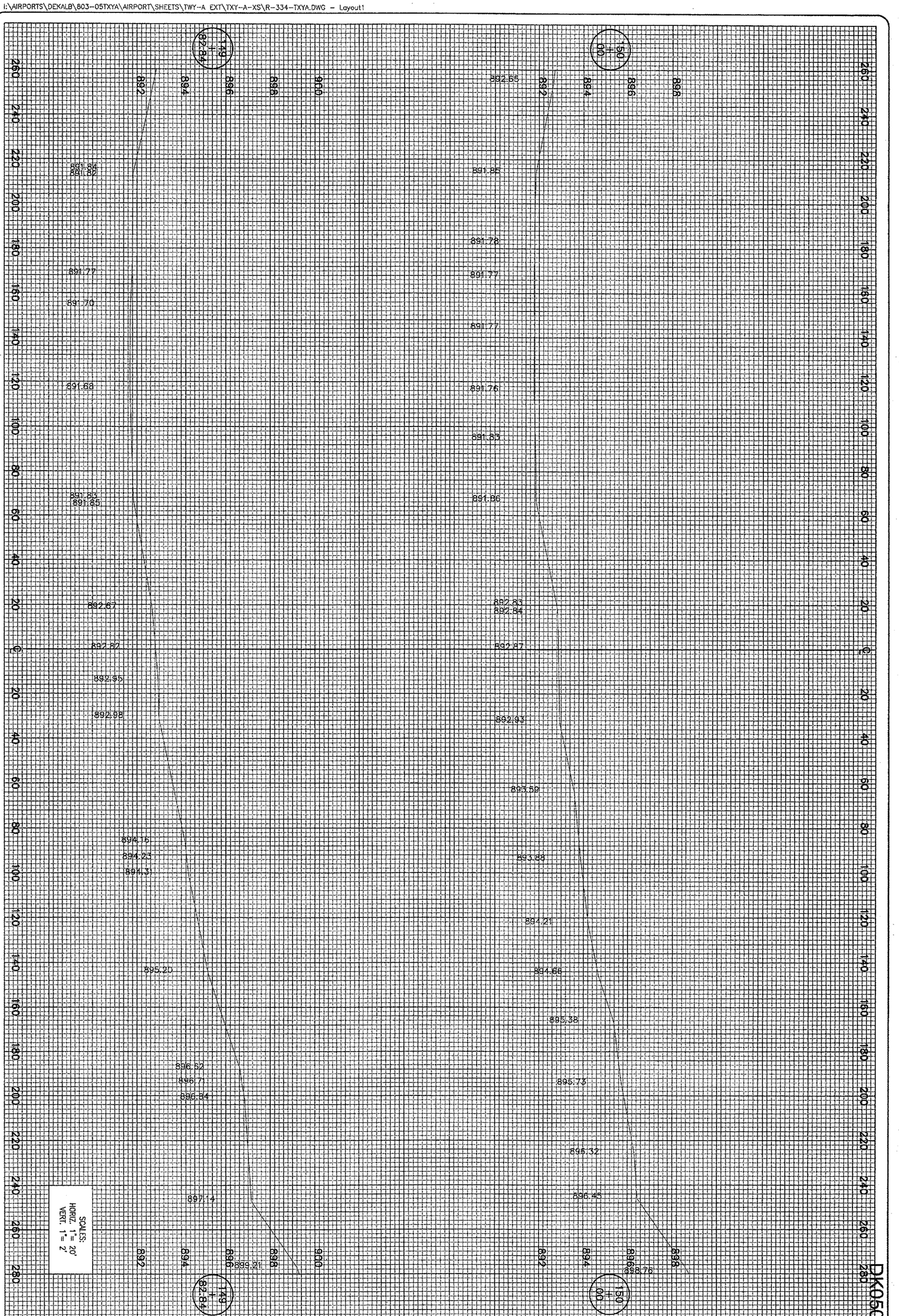

DK050

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114

EXTEND
TAXIWAY "A"

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "A"
STA. 149+82.84 TO STA. 150+00

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HSI Project No.	803-05TXYAD 0800
Filename	R-334-TXYA.DWG
Scale	H. 1"=20' V. 1"=2'
Date	02/21/06

LAYOUT	MDR	02/21/06
DRAWN	MDR	02/21/06
REVIEWED	CAH	03/06/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

APR 06, 2006 8:10 AM BAK
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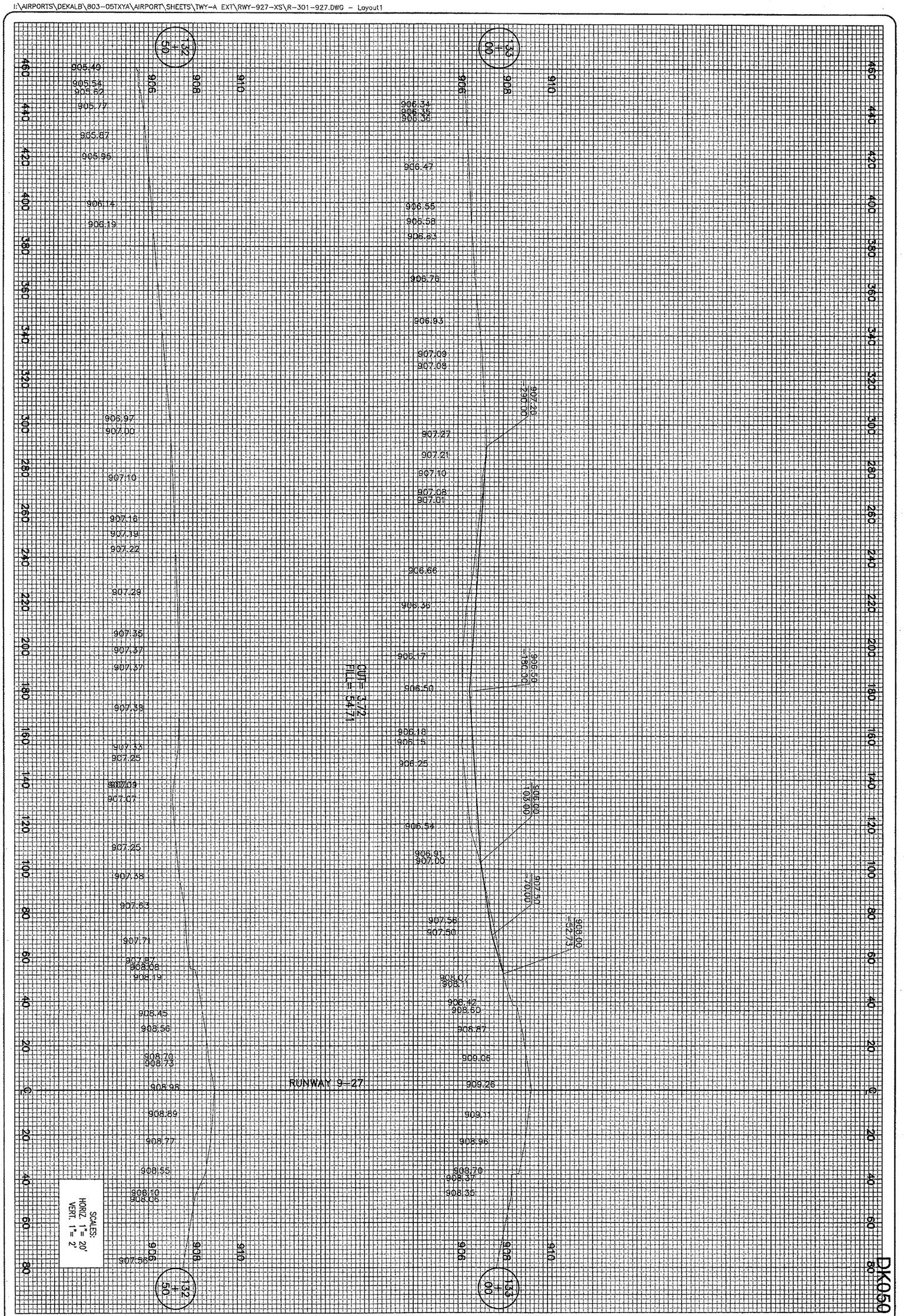

DK050

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115

EXTEND
TAXIWAY "A"

PROPOSED CROSS-SECTIONS
FOR RWY 9-27 LEFT BASELINE
STA. 132+50 TO STA. 133+00

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Hanson Professional Services Inc.
1525 South Sixth Street
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HPI Project No. 803-05TXYAD 0800
Filename R-301-927.DWG
Scale H. 1"=20' V. 1"=2'
Date 02/14/06

LAYOUT	MDR	02/14/06
DRAWN	MDR	02/14/06
REVIEWED	CAH	03/06/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

APR 06, 2006 8:17 AM BAK
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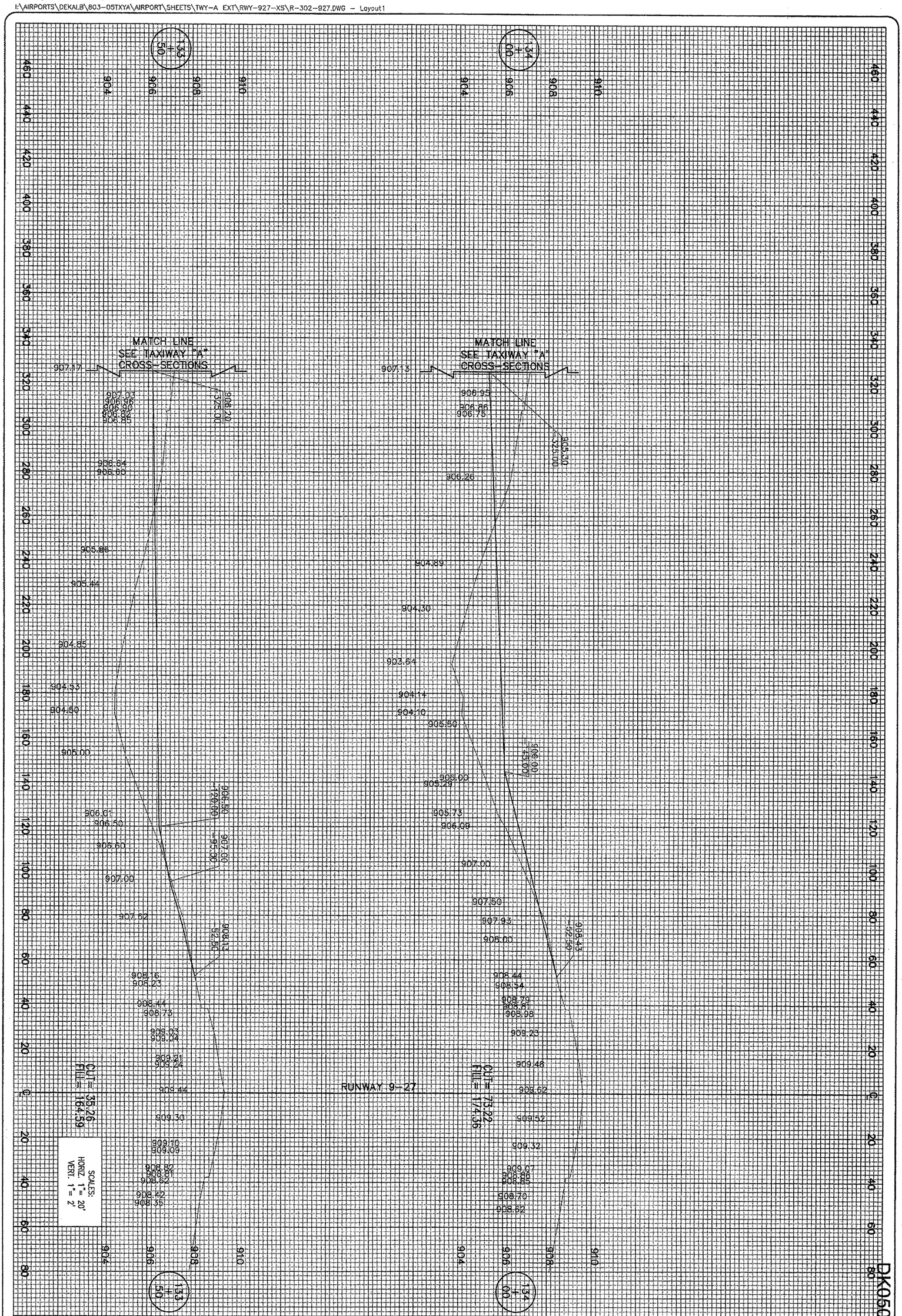

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116

EXTEND
TAXIWAY "A"

PROPOSED CROSS-SECTIONS
FOR RWY 9-27 LEFT BASELINE
STA. 133+50 TO STA. 134+00

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1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

HPI Project No.	803-05TXYAD 0800
Filename	R-302-927.DWG
Scale	H. 1"=20' V. 1"= 2'
Date	02/14/06

LAYOUT	MDR	02/14/06
DRAWN	MDR	02/14/06
REVIEWED	CAH	03/06/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

APR 06, 2006 8:24 AM BAK
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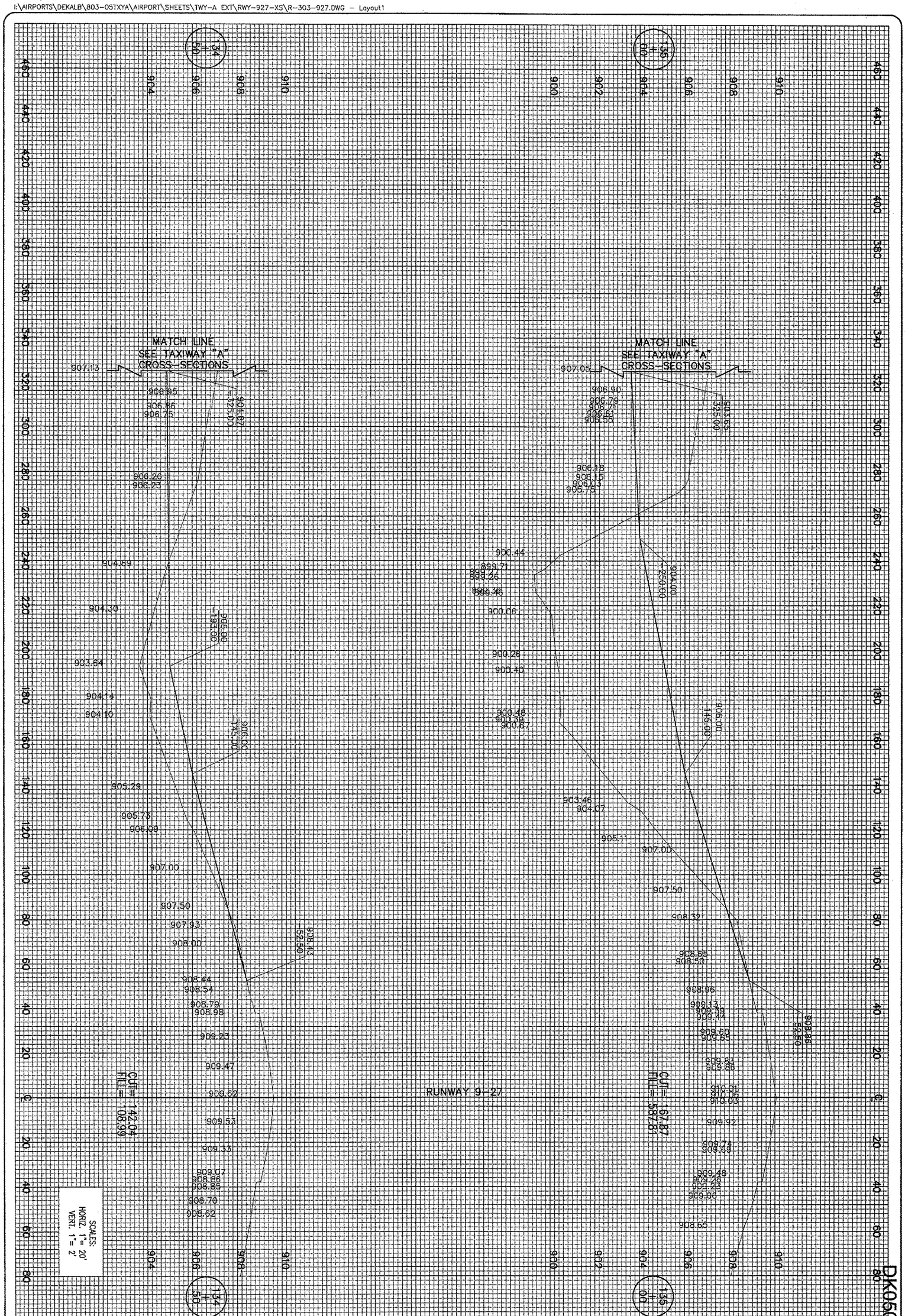

DK050

117 of 224 sheets

117

EXTEND
TAXIWAY "A"

PROPOSED CROSS-SECTIONS
FOR RWY 9-27 LEFT BASELINE
STA. 134+50 TO STA. 135+00

HANSON

Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

HPI Project No.	803-05TXYAD 0800
Filename	R-303-927.DWG
Scale	H. 1"=20' V. 1"=2'
Date	02/15/06

LAYOUT	MDR	02/15/06
DRAWN	MDR	02/15/06
REVIEWED	CAH	03/17/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

APR 06, 2006 8:37 AM BAK
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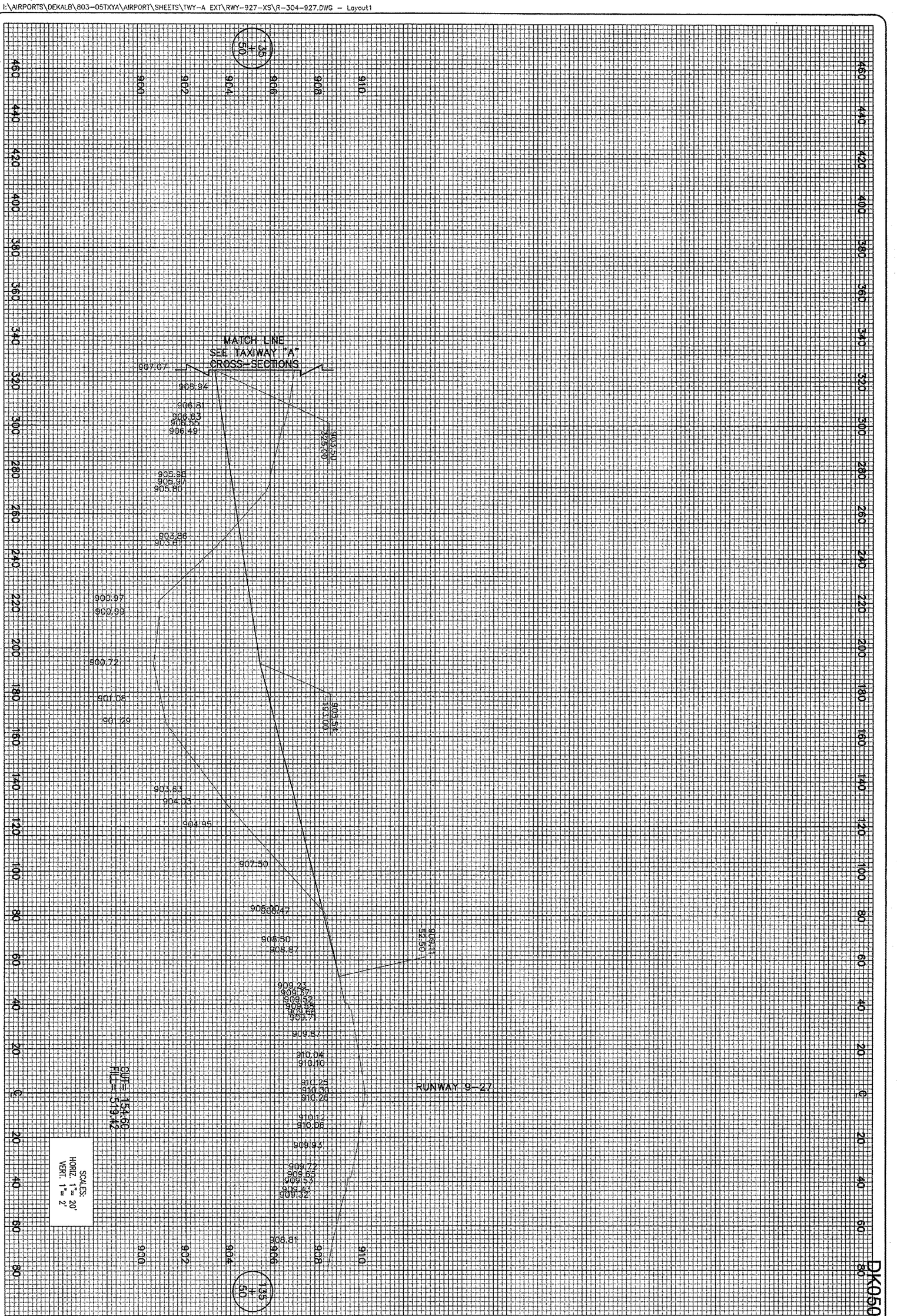

DK050

118 of 224 sheets

118

EXTEND
TAXIWAY "A"

PROPOSED CROSS-SECTIONS
FOR RWY 9-27 LEFT BASELINE
STA. 135+50

HANSON

Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

HPI Project No.	803-05TXYAD 0800
Filename	R-304-927.DWG
Scale	H. 1"=20' V. 1"=2'
Date	02/15/06

LAYOUT	MDR	02/15/06
DRAWN	MDR	02/15/06
REVIEWED	CAH	03/06/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

APR 06, 2006 8:42 AM BAK
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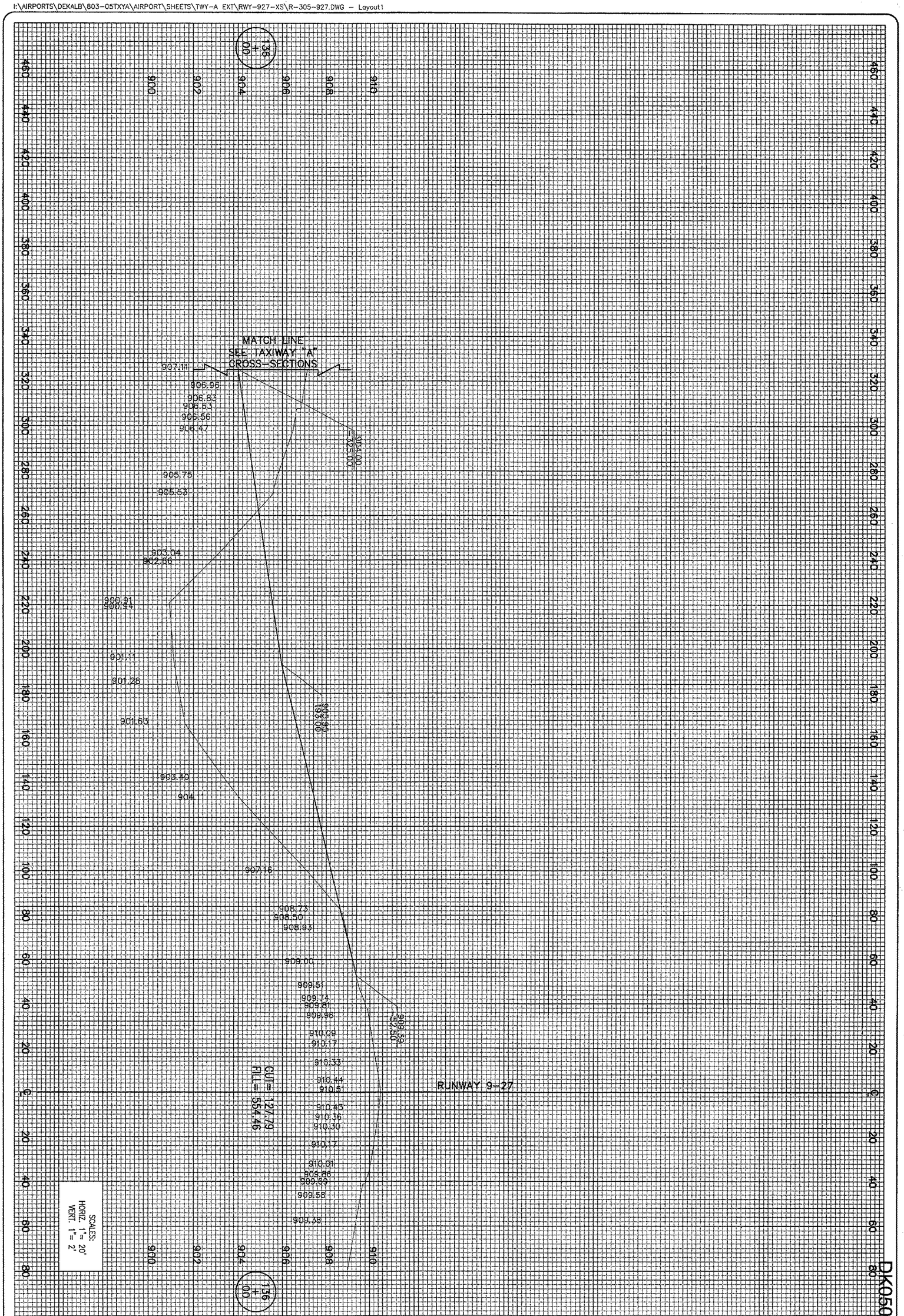

119 of 224 sheets

119

EXTEND
TAXIWAY "A"

PROPOSED CROSS-SECTIONS
FOR RWY 9-27 LEFT BASELINE
STA. 136+00

HANSON

Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2885
Offices Nationwide

HPI Project No. 803-05TXYA0 0800
Filename R-305-927.DWG
Scale H. 1"=20' V. 1"=2'
Date 02/15/06

LAYOUT	MDR	02/15/06
DRAWN	MDR	02/15/06
REVIEWED	CAH	03/16/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

APR 06, 2006 8:59 AM BAK
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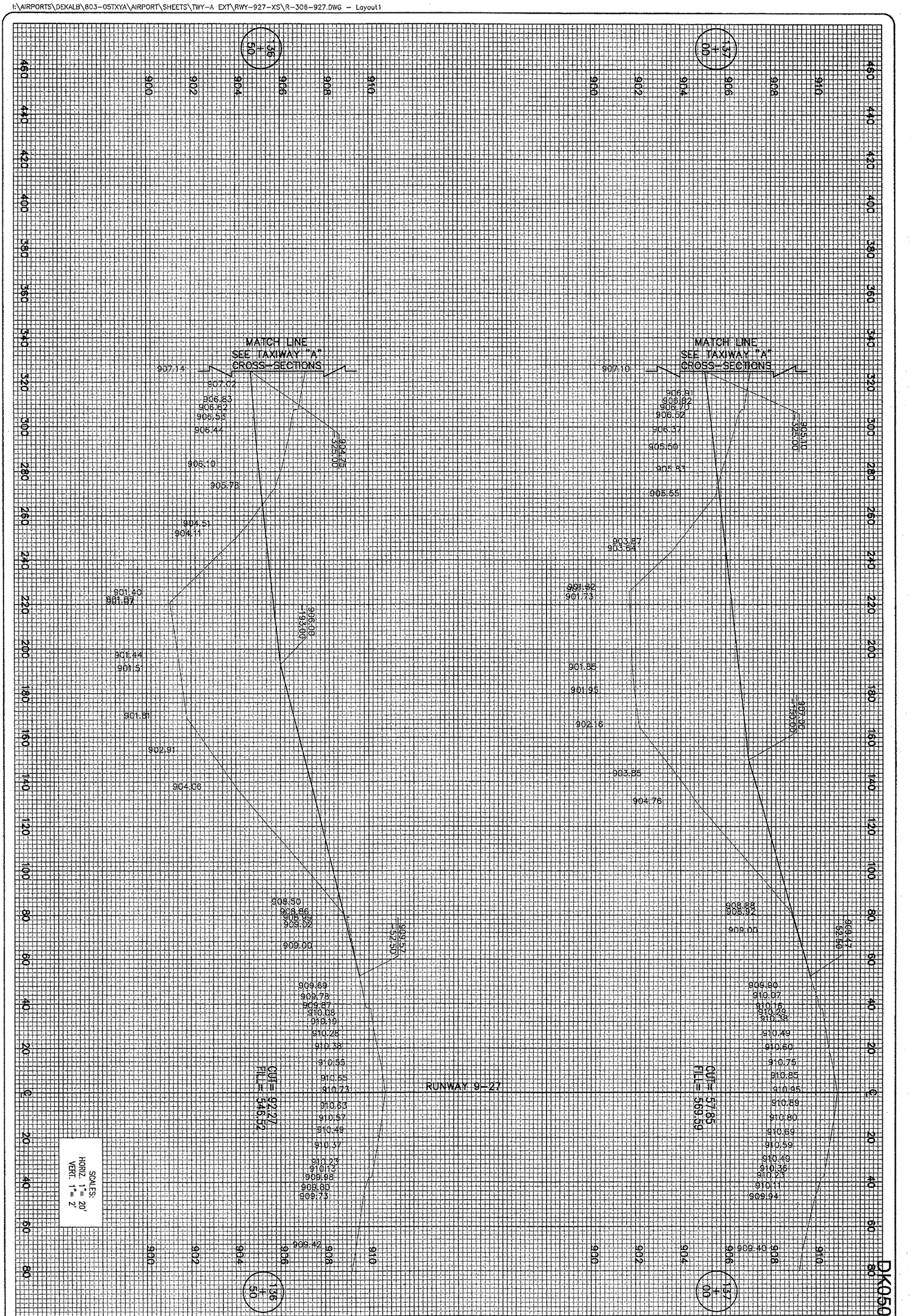

120 of 224 sheets

EXTEND
TAXIWAY "A"

PROPOSED CROSS-SECTIONS
FOR RWY 9-27 LEFT BASELINE
STA. 136+50 TO STA. 137+00

HANSON
Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

HPI Project No.	803-05TXYAD 0800
Filename	R-306-927.DWG
Scale	H. 1"=20' V. 1"=2'
Date	02/15/06

LAYOUT	MDR	02/15/06
DRAWN	MDR	02/15/06
REVIEWED	CAH	03/16/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT
IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-842

DATE	REVISION	BY

APR 06, 2006 9:05 AM BAK
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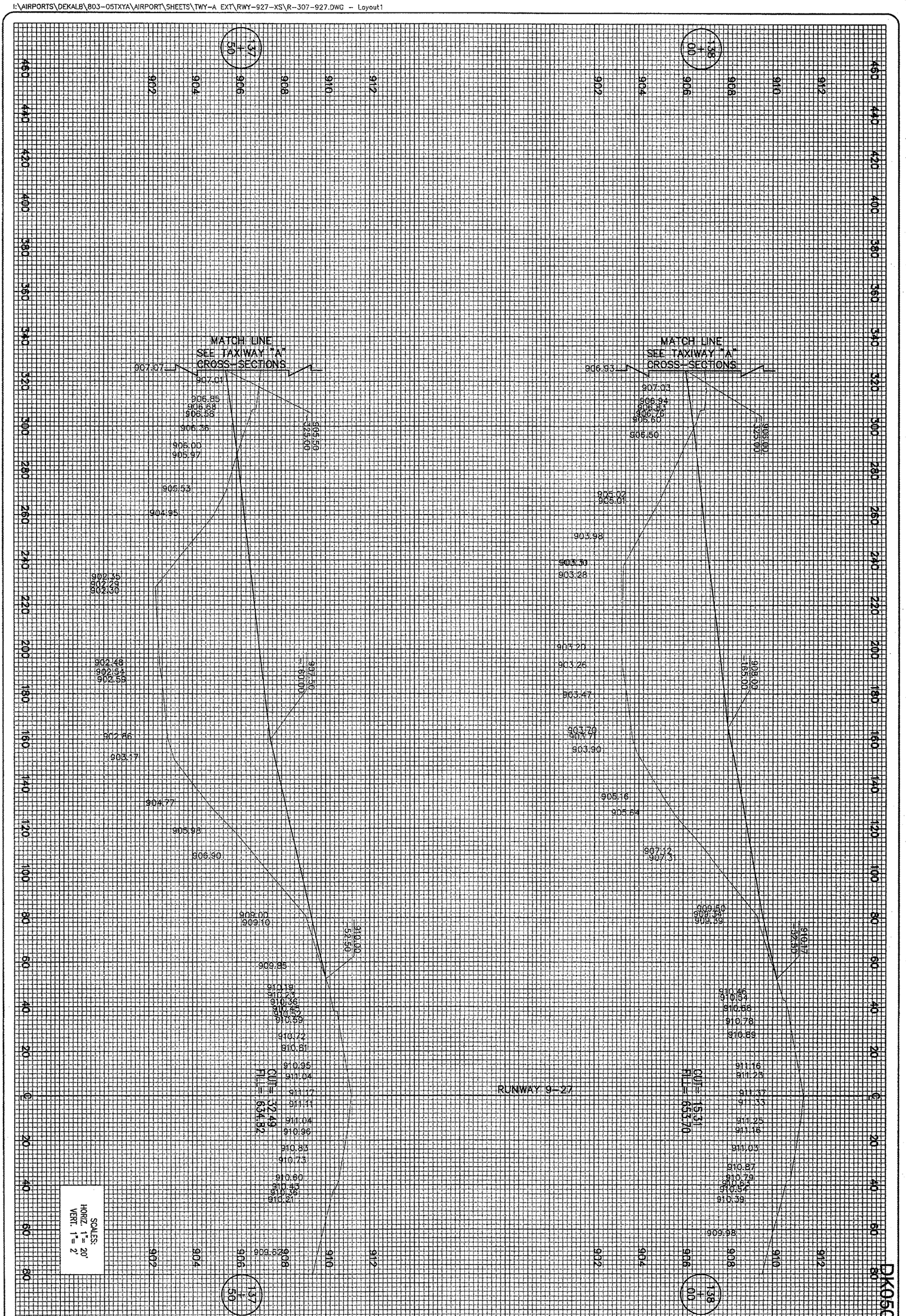


DK050

121
121 of 224 sheets

EXTEND
TAXIWAY "A"

PROPOSED CROSS-SECTIONS
FOR RWY 9-27 LEFT BASELINE
STA. 137+50 TO STA. 138+00

HANSON

Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

HSI Project No. 803-05TXYAD 0800
Filename R-307-927.DWG
Scale H. 1"=20' V. 1"= 2'
Date 02/15/06

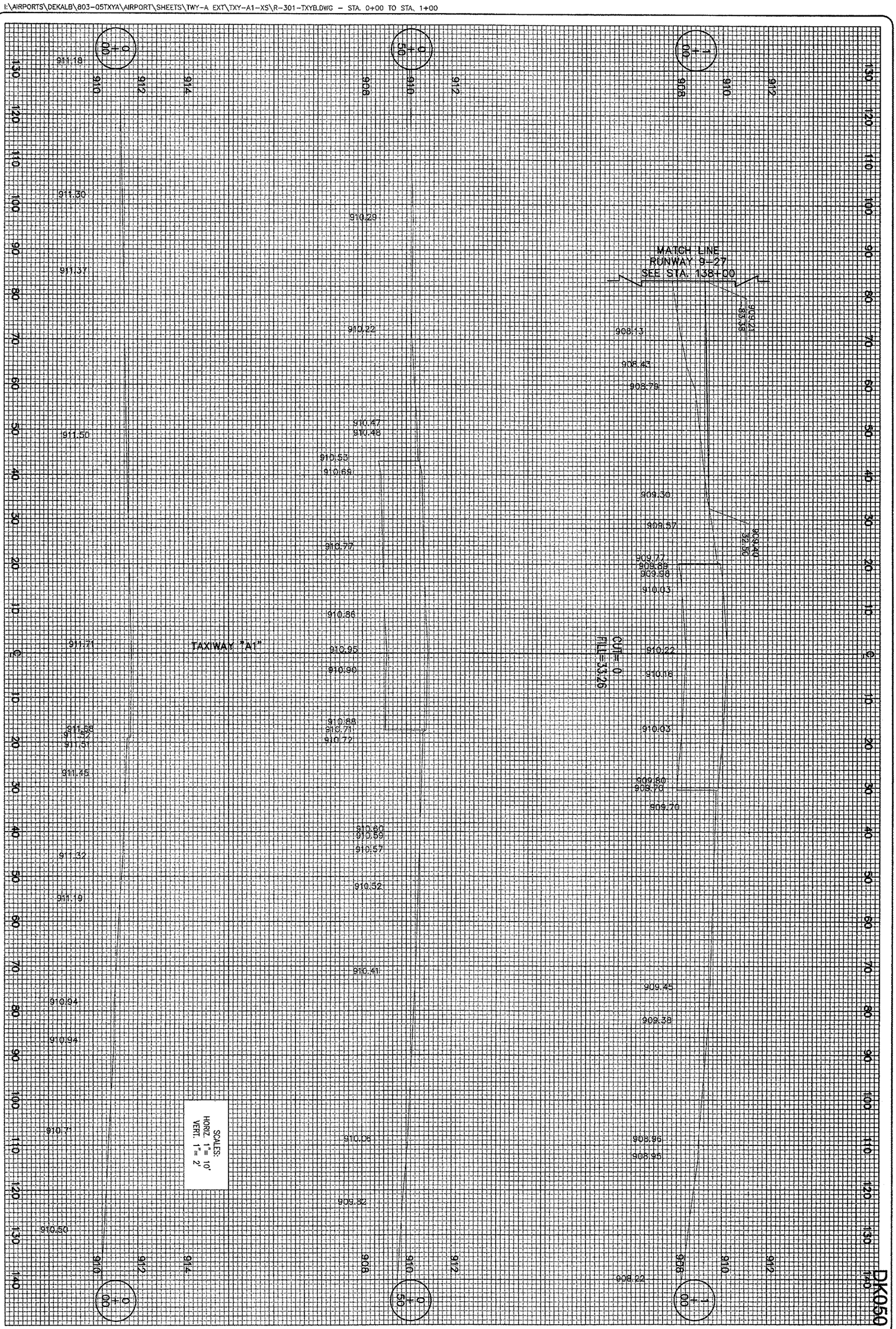
LAYOUT	MDR	02/15/06
DRAWN	MDR	02/15/06
REVIEWED	CAH	03/16/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

APR 06, 2006 9:11 AM BAK
I:\AIRPORTS\DEKALB\803-05TXYA\AIRPORT\SHEETS\TWY-A EXT\TXY-A1-XS\R-301-TXYB.DWG - STA. 0+00 TO STA. 1+00



DK050

122 of 224 sheets

122

EXTEND
TAXIWAY "A"

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "A1"
STA. 0+00 TO STA. 1+00

HANSON

Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

HSI Project No. 803-05TXYAD 0800
Filename R-301-TXYB.DWG
Scale H. 1"=10' V. 1"=2'
Date 02/08/06

LAYOUT	MDR	02/08/06
DRAWN	MDR	02/08/06
REVIEWED	CAH	03/06/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

APR 06, 2006 9:32 AM BAK
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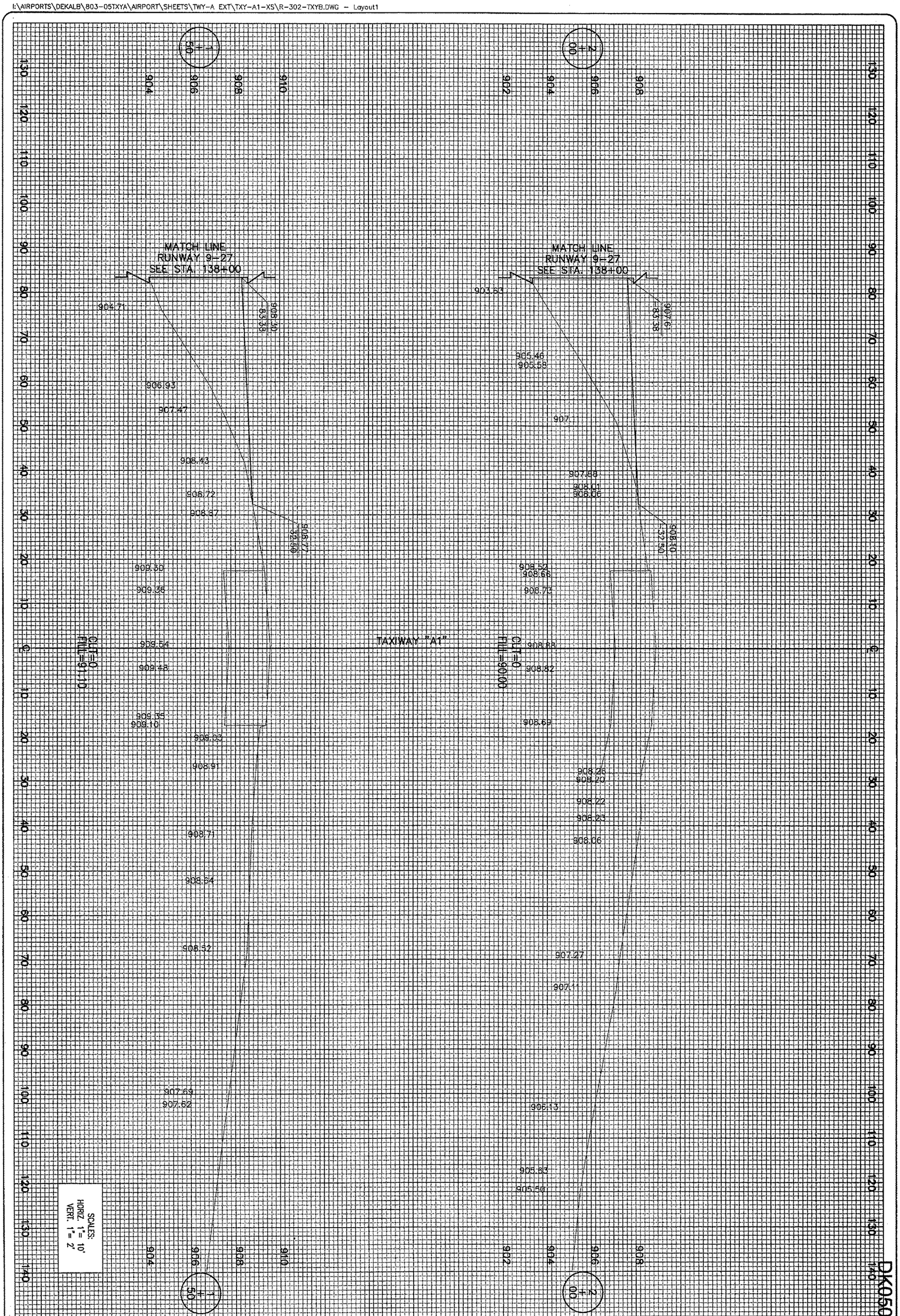

DK050

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123

EXTEND
TAXIWAY "A"

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "A1"
STA. 1+50 TO STA. 2+00

HANSON

Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

HEI Project No.	803-05TXYAD 0800
Filename	R-302-TXYB.DWG
Scale	H. 1"=10' V. 1"=2'
Date	02/08/06

LAYOUT	MDR	02/08/06
DRAWN	MDR	02/08/06
REVIEWED	CAH	03/06/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

APR 06, 2006 9:53 AM BAK
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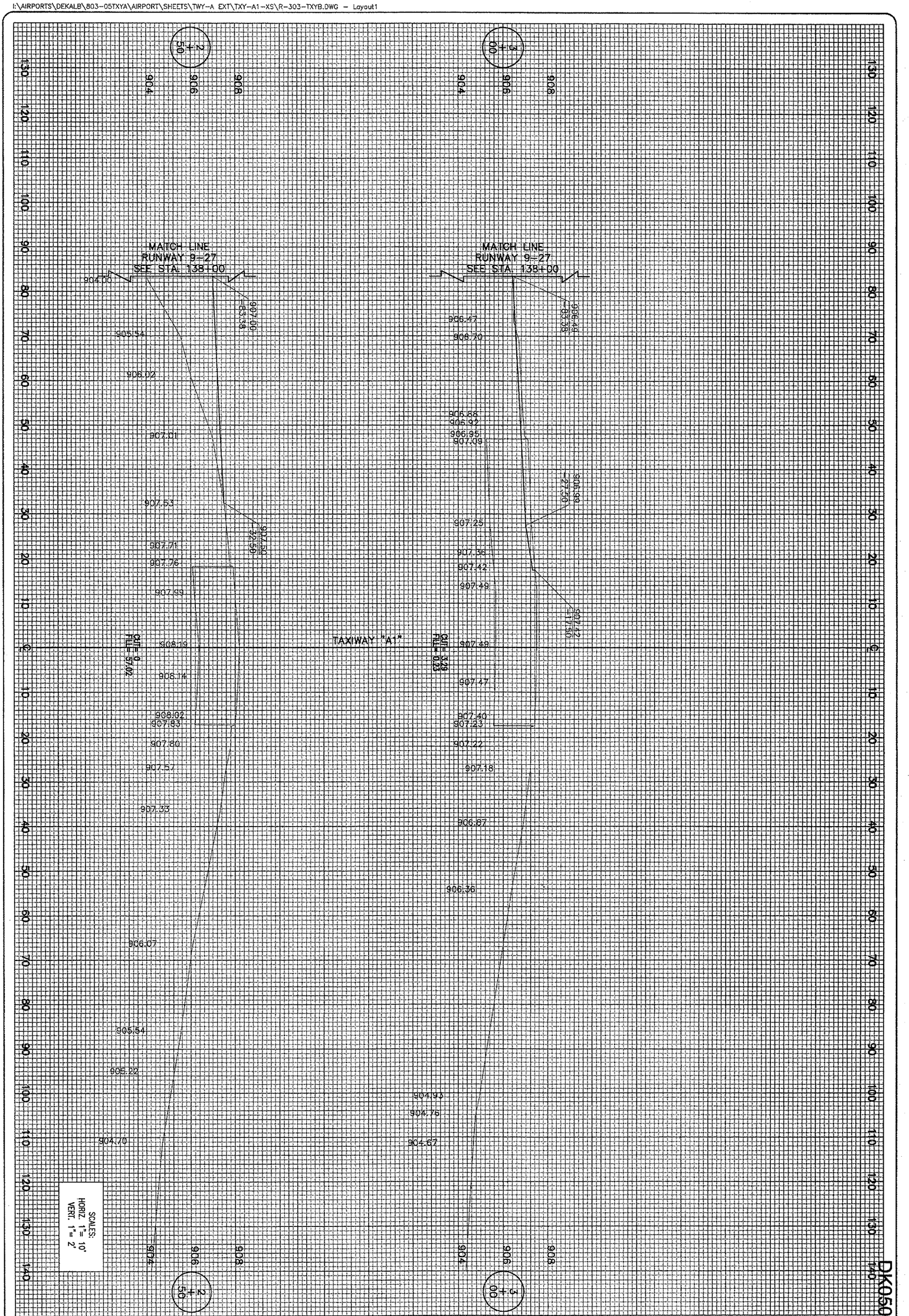

124 of 224 sheets

124

EXTEND
TAXIWAY "A"

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "A1"
STA. 2+50 TO STA. 3+00

HANSON
Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

HPI Project No. 803-05TXYAD 0800
Filename R-303-TXYB.DWG
Scale H. 1"=10' V. 1"=2'
Date 02/09/06

LAYOUT	MDR	02/09/06
DRAWN	MDR	02/09/06
REVIEWED	CAH	03/06/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

APR 06, 2006 10:17 AM BAK
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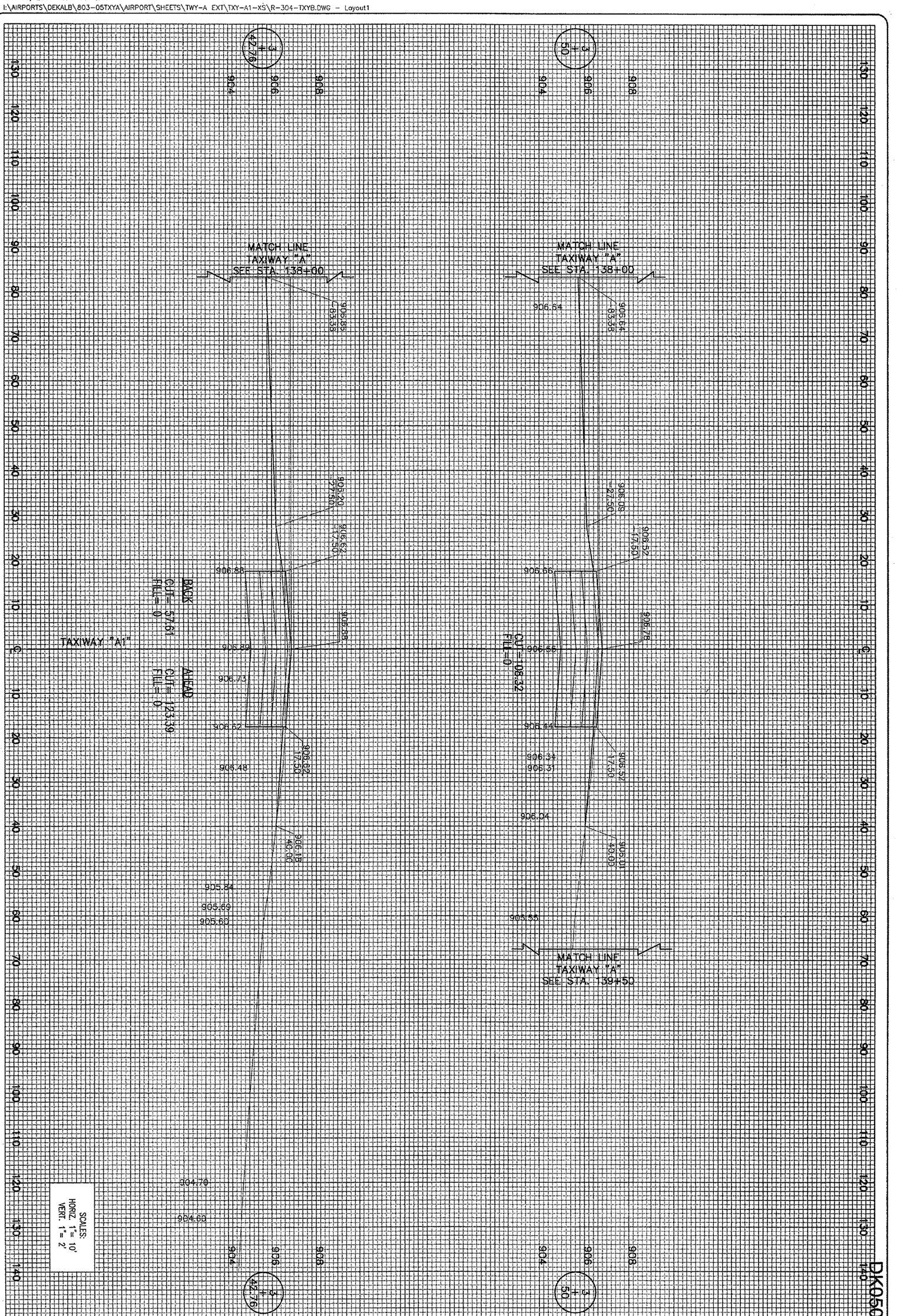

DK050

125
125 of 224 sheets

EXTEND
TAXIWAY "A"

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "A1"
STA. 3+42.76 TO STA. 3+50

HANSON

Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

HEI Project No. 803-05TXYAD 0800
Filename R-304-TXYB.DWG
Scale H. 1"=10' V. 1"=2'
Date 02/09/06

LAYOUT	MDR	02/09/06
DRAWN	MDR	02/09/06
REVIEWED	CAH	03/06/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

APR 06, 2006 10:55 AM BAK
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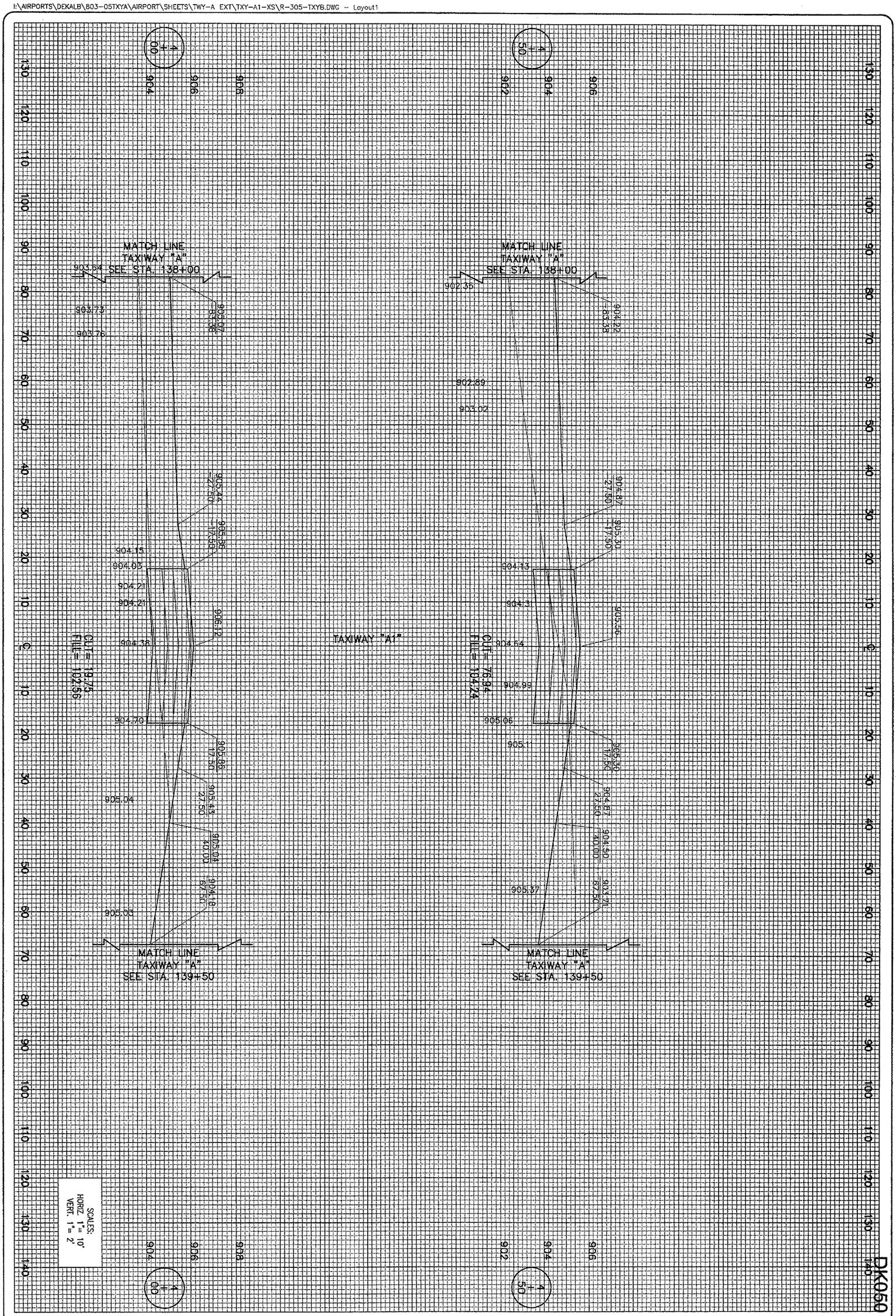

DK050

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126

EXTEND
TAXIWAY "A"

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "A1"
STA. 4+00 TO STA. 4+50

HANSON
Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

HPS Project No.	803-05TXYAD 0800
Filename	R-305-TXYB.DWG
Scale	H. 1"=10' V. 1"=2'
Date	02/09/06

LAYOUT	MDR	02/09/06
DRAWN	MDR	02/09/06
REVIEWED	CAH	03/06/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-842

DATE	REVISION	BY

APR 06, 2006 11:36 AM BAK
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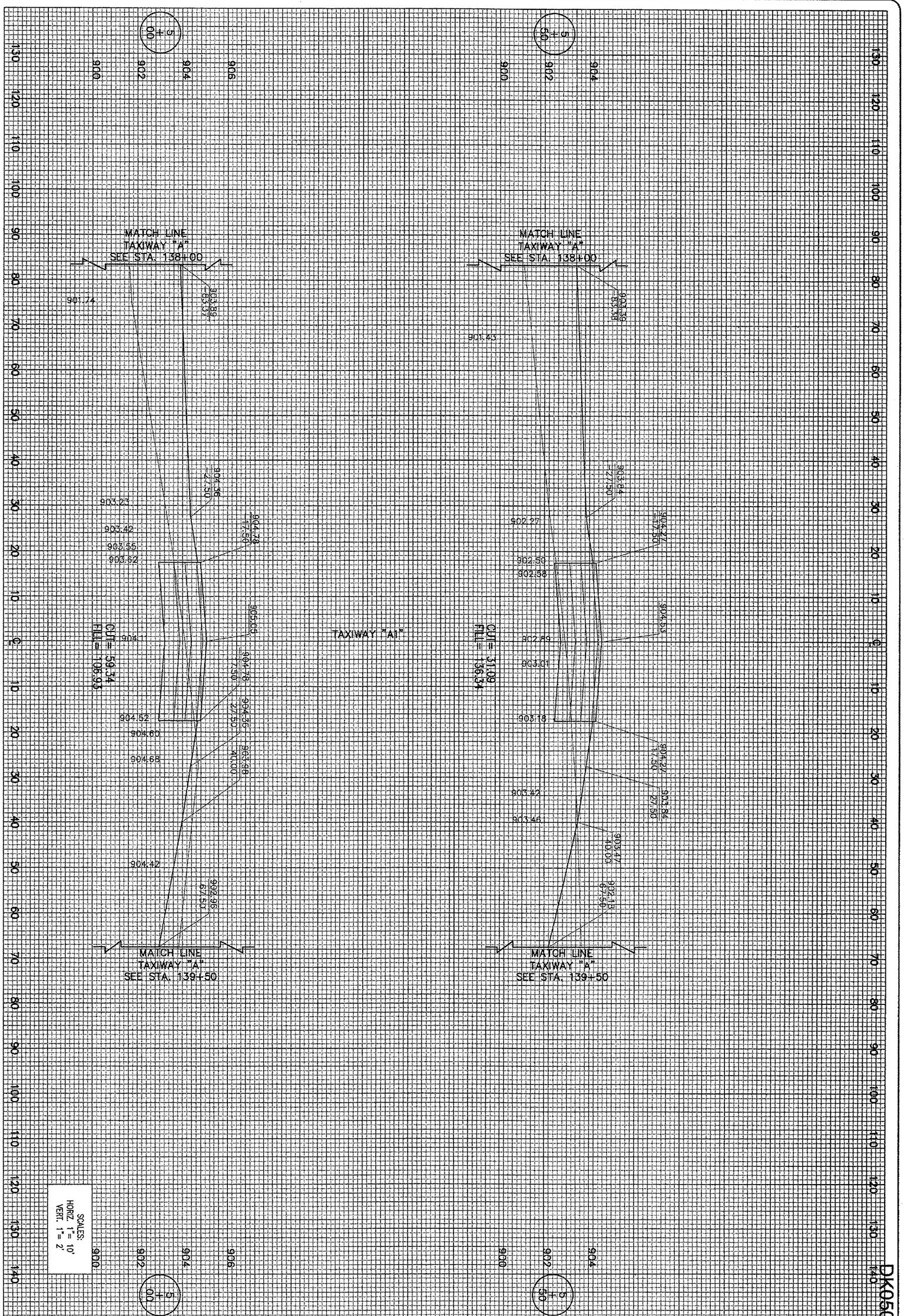

DK050

127 of 224 sheets

127

EXTEND
TAXIWAY "A"

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "A1"
STA. 5+00 TO STA. 5+50

HANSON

Hanson Professional Services Inc.
1626 South Sixth Street
Springfield, Illinois 62703-2386
Offices Nationwide

HEI Project No. 803-05TXYAD 0800
Filename R-306-TXYB.DWG
Scale H. 1"=10' V. 1"=2'
Date 02/09/06

LAYOUT	MDR	02/09/06
DRAWN	MDR	02/09/06
REVIEWED	CAH	03/06/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

APR 06, 2006 11:46 AM BAK
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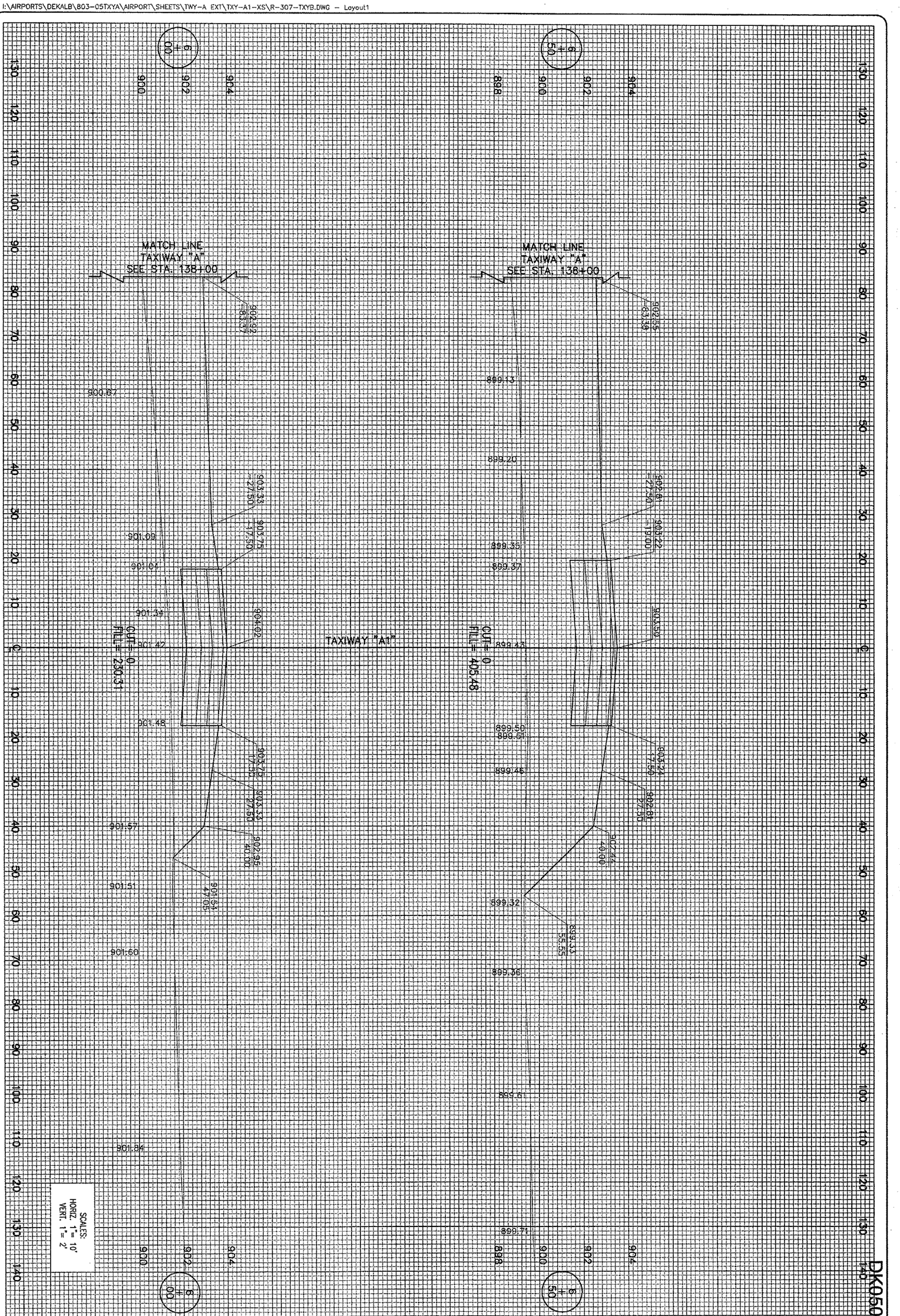

DK050

128
128 of 224 sheets

EXTEND
TAXIWAY "A"

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "A1"
STA. 6+00 TO STA. 6+50

HANSON
Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

HPI Project No. 803-05TXYAD 0800
Filename R-307-TXYB.DWG
Scale H. 1"=10' V. 1"=2'
Date 02/09/06

LAYOUT	MDR	02/09/06
DRAWN	MDR	02/09/06
REVIEWED	CAH	03/06/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

APR 14, 2006 8:19 AM BAK
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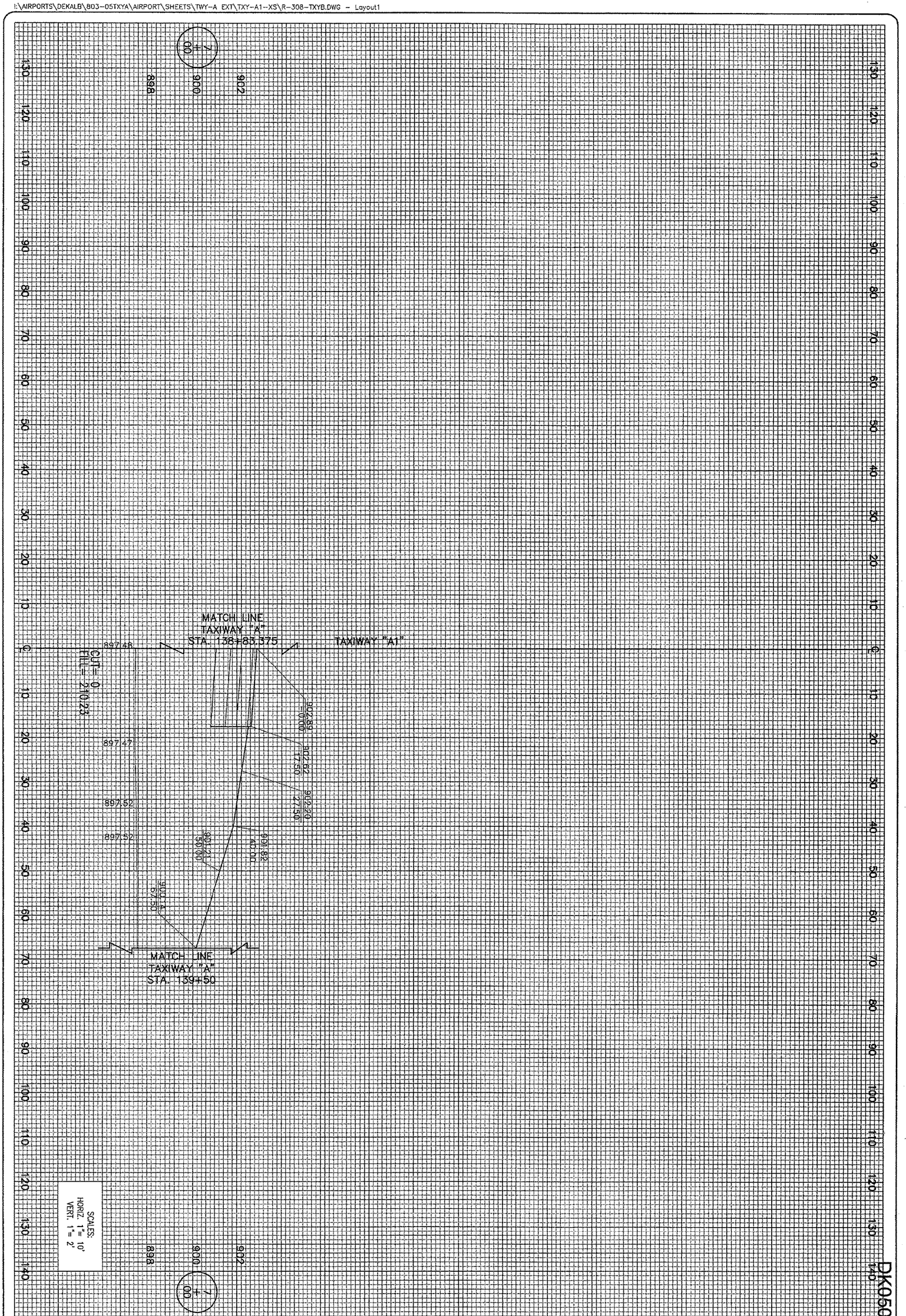


129 of 224 sheets

129

EXTEND
TAXIWAY "A"

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "A1"
STA. 7+00

HANSON

Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

HPI Project No. 803-05TXYAD 0800
Filename R-308-TXYB.DWG
Scale H. 1"=10' V. 1"=2'
Date 02/10/06

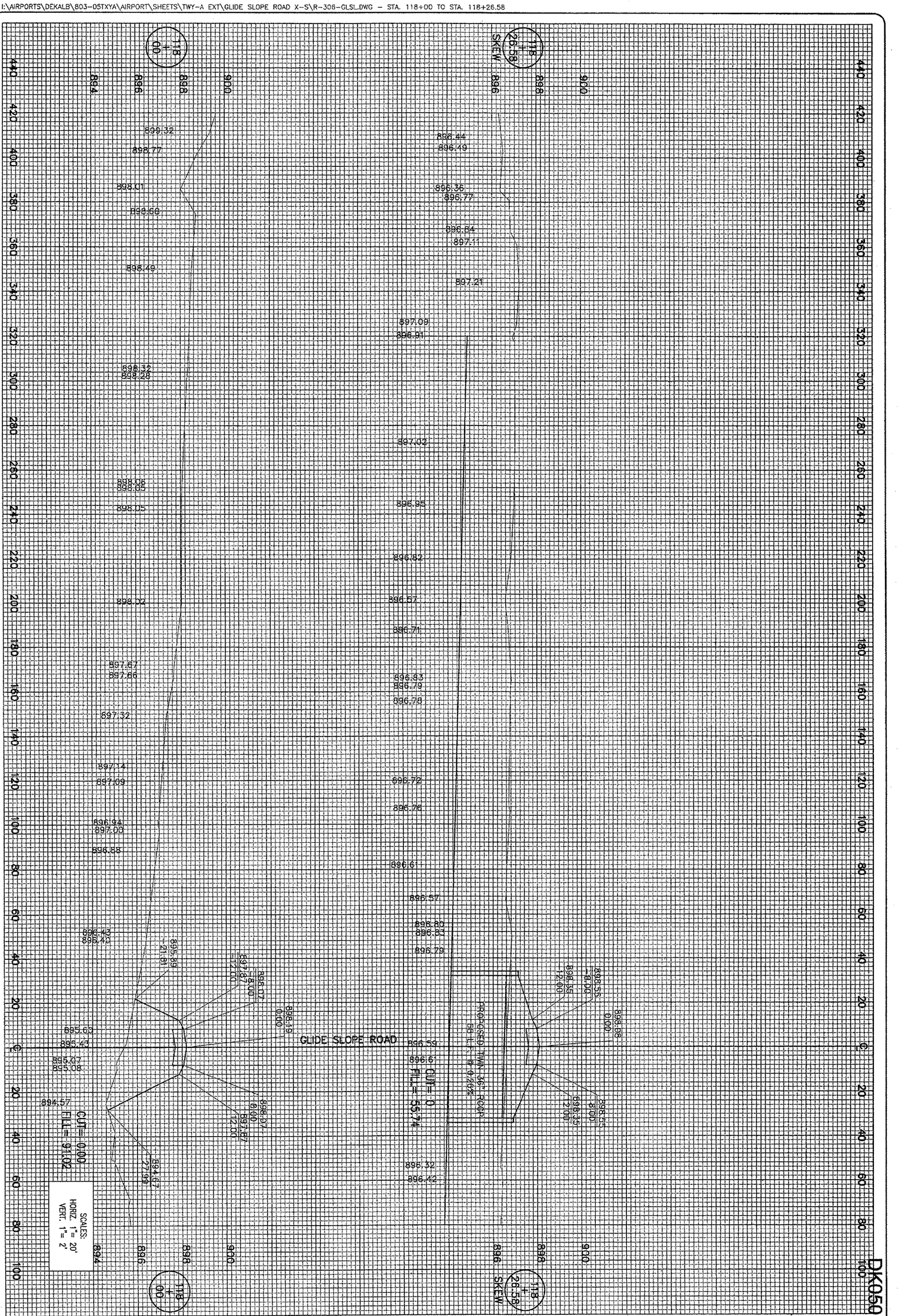
LAYOUT	MDR	02/10/06
DRAWN	MDR	02/10/06
REVIEWED	CAH	03/06/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

APR 06, 2006 1:42 PM BAK
I:\AIRPORTS\DEKALB\803-05TXYA\AIRPORT\SHEETS\TWY-A EXT\GLIDE SLOPE ROAD X-S\R-306-GLSL.DWG - STA. 118+00 TO STA. 118+26.58



DK050

130	EXTEND TAXIWAY "A"	HANSON	HD Project No. 803-05TXYAD 0800	DTMA	DATE / REVISION / BY
130 of 224 sheets	PROPOSED CROSS-SECTIONS FOR GLIDE SLOPE ROAD STA. 118+00 TO STA. 118+26.58	Hanson Professional Services Inc. 1525 South Sixth Street Springfield, Illinois 62703-2886 Offices Nationwide	Filename R-306-GLSL.DWG Scale H. 1"= 20' V. 1"= 2' Date 02/10/06	DEKALB TAYLOR MUNICIPAL AIRPORT	
			LAYOUT J.E.O. 02/10/06 DRAWN M.D.R. 02/10/06 REVIEWED C.A.H. 02/22/06	IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42	

APR 06, 2006 1:51 PM BAK
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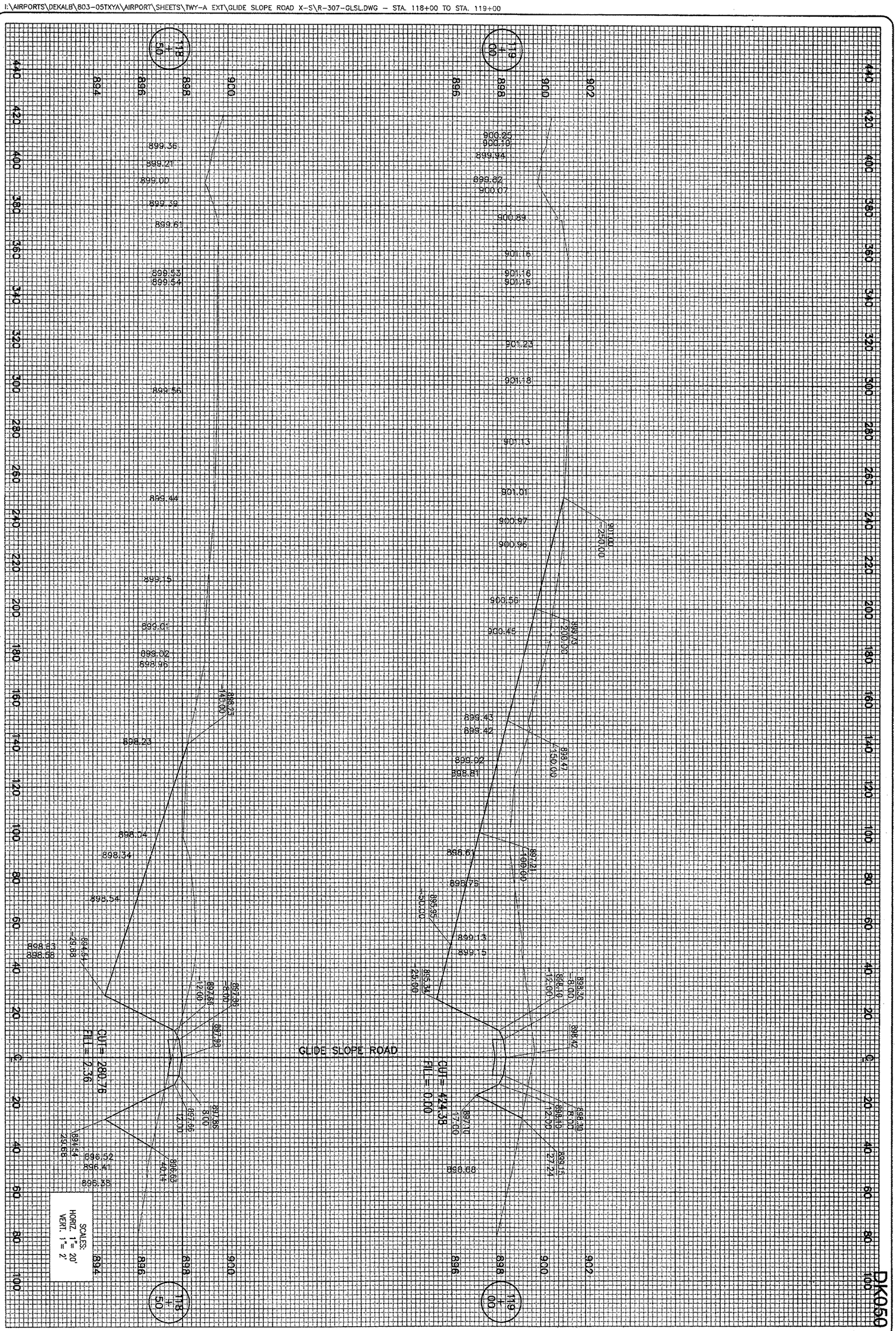


DK050

131 of 224 sheets

131

EXTEND
TAXIWAY "A"

PROPOSED CROSS-SECTIONS
FOR GLIDE SLOPE ROAD
STA. 118+50 TO STA. 119+00

HANSON
Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

HSI Project No.	803-05TXYAD 0800
Filename	R-307-GLSL.DWG
Scale	H. 1"= 20' V. 1"= 2'
Date	02/10/06

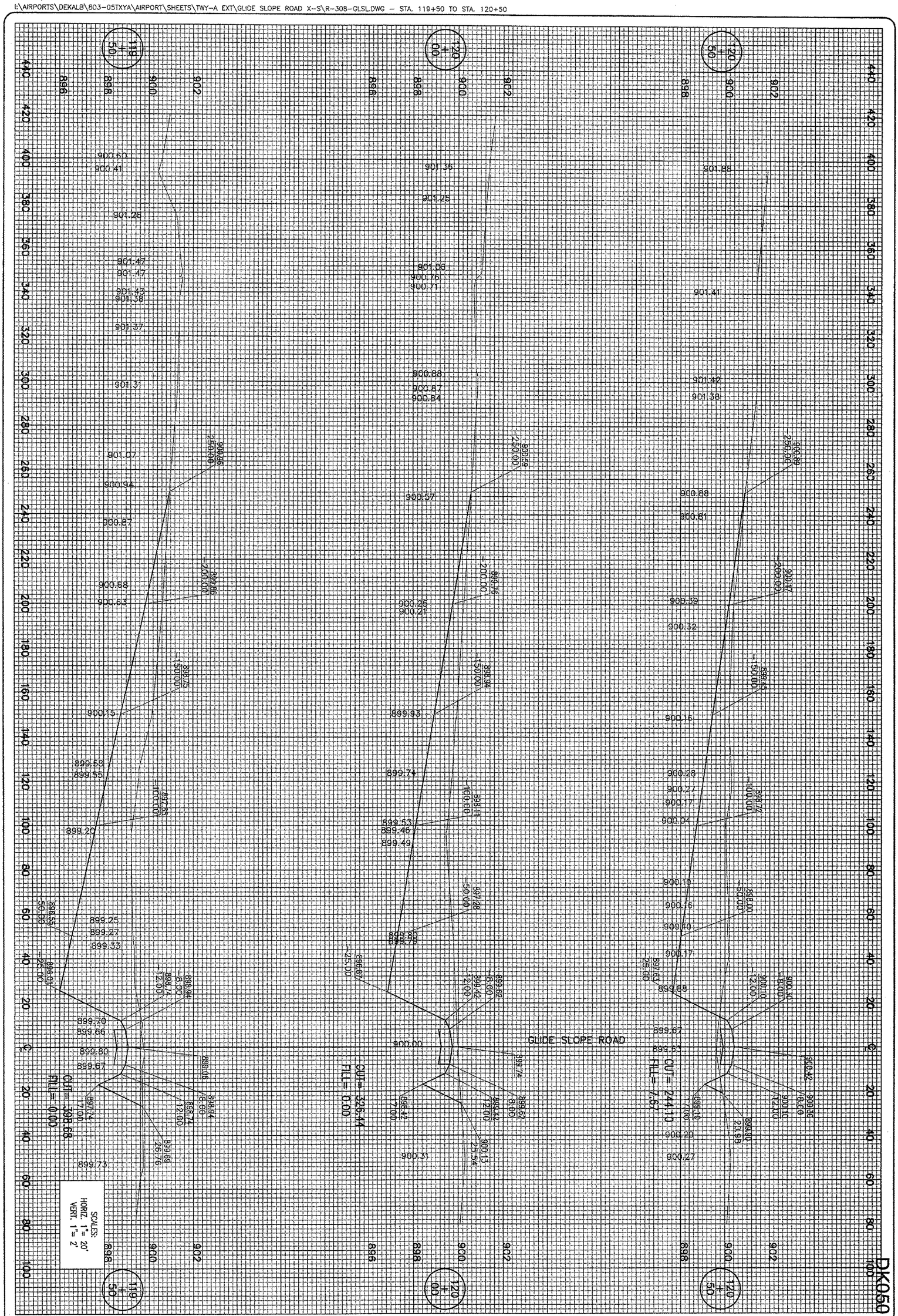
LAYOUT	J.E.O.	02/10/06
DRAWN	M.D.R.	02/10/06
REVIEWED	C.A.H.	02/22/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-842

DATE	REVISION	BY

APR 06, 2006 2:01 PM BAK
I:\AIRPORTS\DEKALB\803-05TXYA\AIRPORT\SHEETS\TWY-A EXT\GLIDE SLOPE ROAD X-S\R-308-GLSL.DWG – STA. 119+50 TO STA. 120+50



132 of 224 sheets

EXTEND TAXIWAY "A"

PROPOSED CROSS-SECTIONS FOR GLIDE SLOPE ROAD STA. 119+50 TO STA. 120+50

HANSON

Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

HPS Project No.	803-05TXYAD 0800
Filename	R-308-GLSL.DWG
Scale	H. 1"= 20' V. 1"= 2'
Date	02/10/06

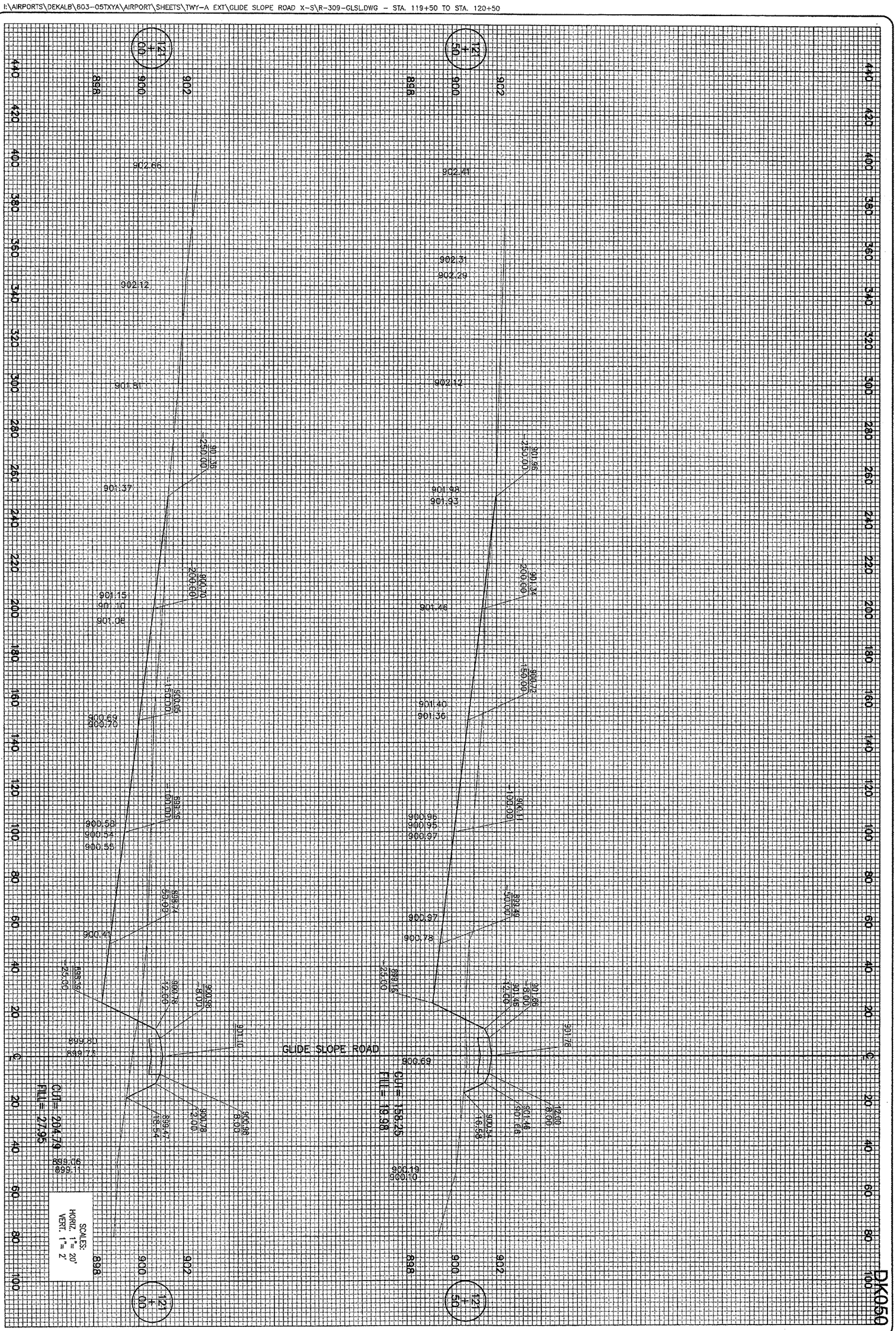
LAYOUT	J.E.O.	02/10/06
DRAWN	M.D.R.	02/10/06
REVIEWED	C.A.H.	02/22/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

APR 06, 2006 2:06 PM BAK
I:\AIRPORTS\DEKALB\803-05TXYA\AIRPORT\SHEETS\TWY-A EXT\GLIDE SLOPE ROAD X-S\R-309-GLSL.DWG - STA. 119+50 TO STA. 120+50



133 of 224 sheets

133

EXTEND
TAXIWAY "A"

PROPOSED CROSS-SECTIONS
FOR GLIDE SLOPE ROAD
STA. 121+00 TO STA. 121+50

HANSON
Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2885
Offices Nationwide

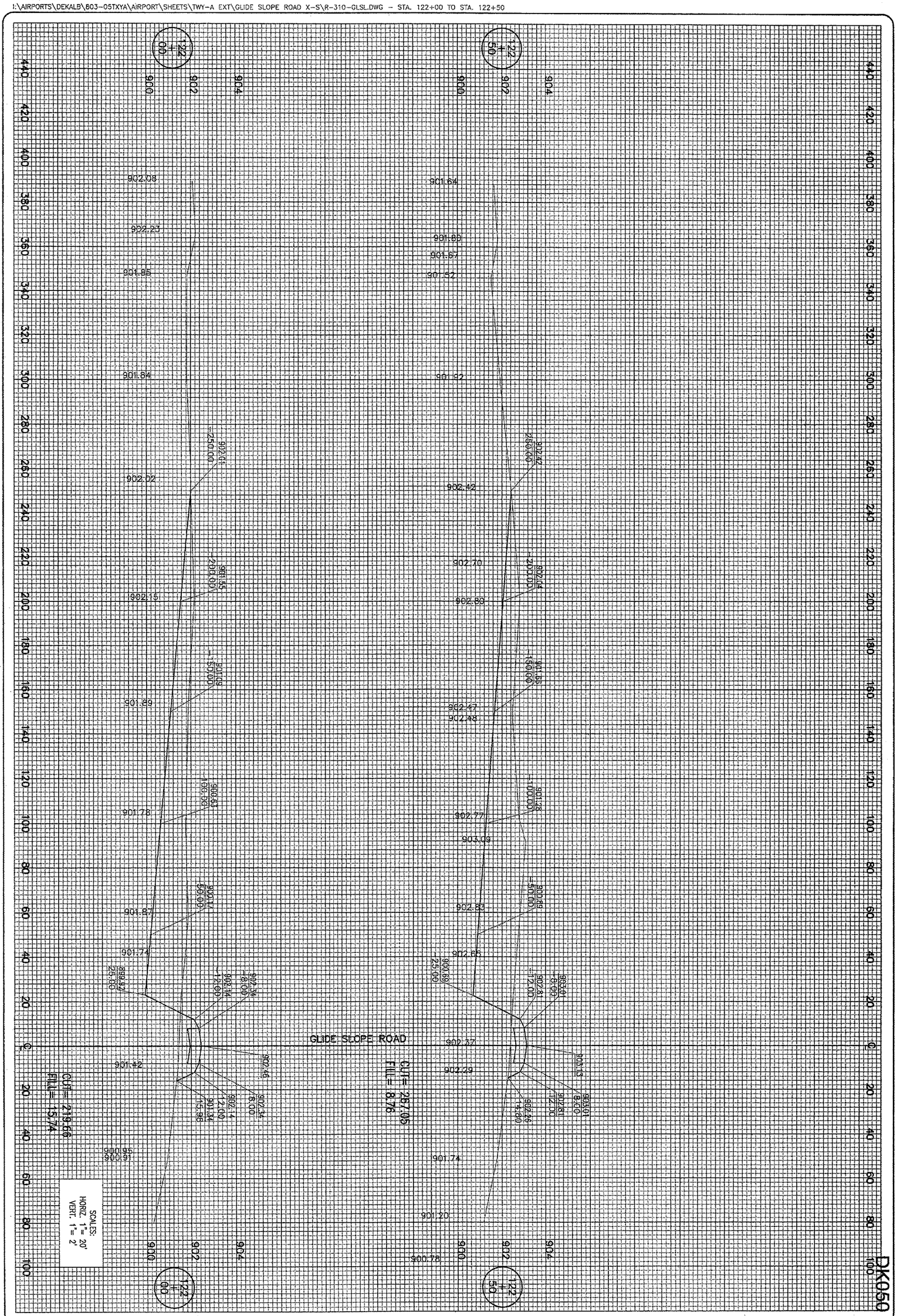
HEI Project No.	803-05TXYAD 0800
Filename	R-309-GLSL.DWG
Scale	H. 1"= 20' V. 1"= 2'
Date	02/10/06

LAYOUT	J.E.O.	02/10/06
DRAWN	M.D.R.	02/10/06
REVIEWED	C.A.H.	02/22/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT
IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

APR 06, 2006 2:14 PM BAK
I:\AIRPORTS\DEKALB\603-05TXYA\AIRPORT\SHEETS\TWY-A EXT\GLIDE SLOPE ROAD X-S\R-310-GLSL.DWG - STA. 122+00 TO STA. 122+50



DK050

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134 of 224 sheets

EXTEND
TAXIWAY "A"

PROPOSED CROSS-SECTIONS
FOR GLIDE SLOPE ROAD
STA. 122+00 TO STA. 122+50

HANSON

Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

HEI Project No. 603-05TXYAD 0800
Filename R-310-GLSL.DWG
Scale H. 1"= 20' V. 1"= 2'
Date 02/10/06

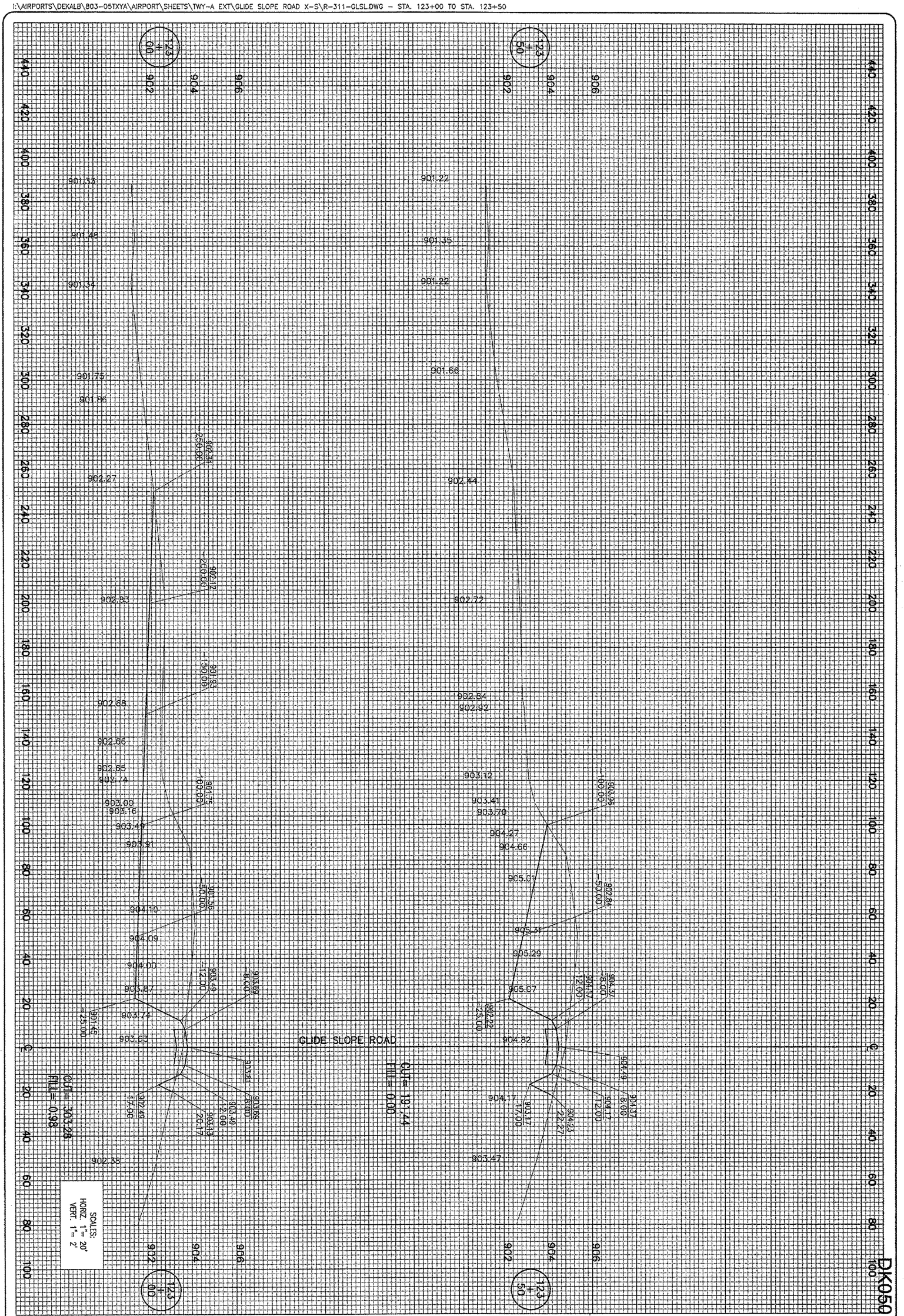
LAYOUT	J.E.O.	02/10/06
DRAWN	M.D.R.	02/10/06
REVIEWED	C.A.H.	02/22/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

APR 06, 2006 2:28 PM BAK
I:\AIRPORTS\DEKALB\803-05TXYA\AIRPORT\SHEETS\TWY-A EXT\GLIDE SLOPE ROAD X-S\R-311-GLSL.DWG - STA. 123+00 TO STA. 123+50



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135 of 224 sheets

135

EXTEND
TAXIWAY "A"

PROPOSED CROSS-SECTIONS
FOR GLIDE SLOPE ROAD
STA. 123+00 TO STA. 123+50

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HSI Project No.	803-05TXYAD 0800	
Filename	R-311-GLSL.DWG	
Scale	H. 1"= 20' V. 1"= 2'	
Date	02/10/06	
LAYOUT	J.E.O.	02/10/06
DRAWN	M.D.R.	02/10/06
REVIEWED	C.A.H.	02/22/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT
IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

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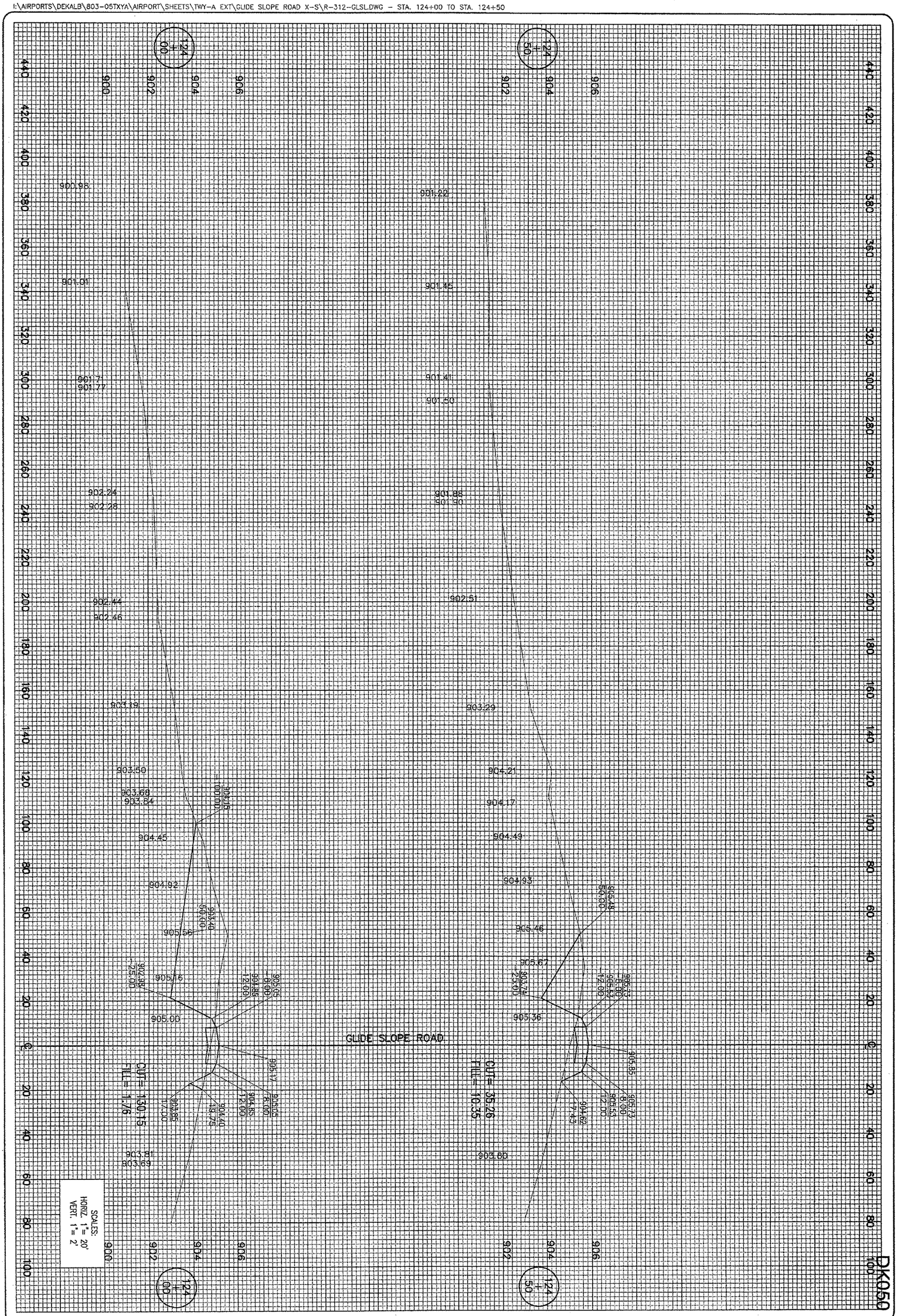

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136

EXTEND TAXIWAY "A"

PROPOSED CROSS-SECTIONS FOR GLIDE SLOPE ROAD STA. 124+00 TO STA. 124+50

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HEI Project No.	803-05TXYA0 0800	
Filename	R-312-GLSL.DWG	
Scale	H. 1"= 20' V. 1"= 2'	
Date	02/10/06	
LAYOUT	J.E.O.	02/10/06
DRAWN	M.D.R.	02/10/06
REVIEWED	C.A.H.	02/22/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

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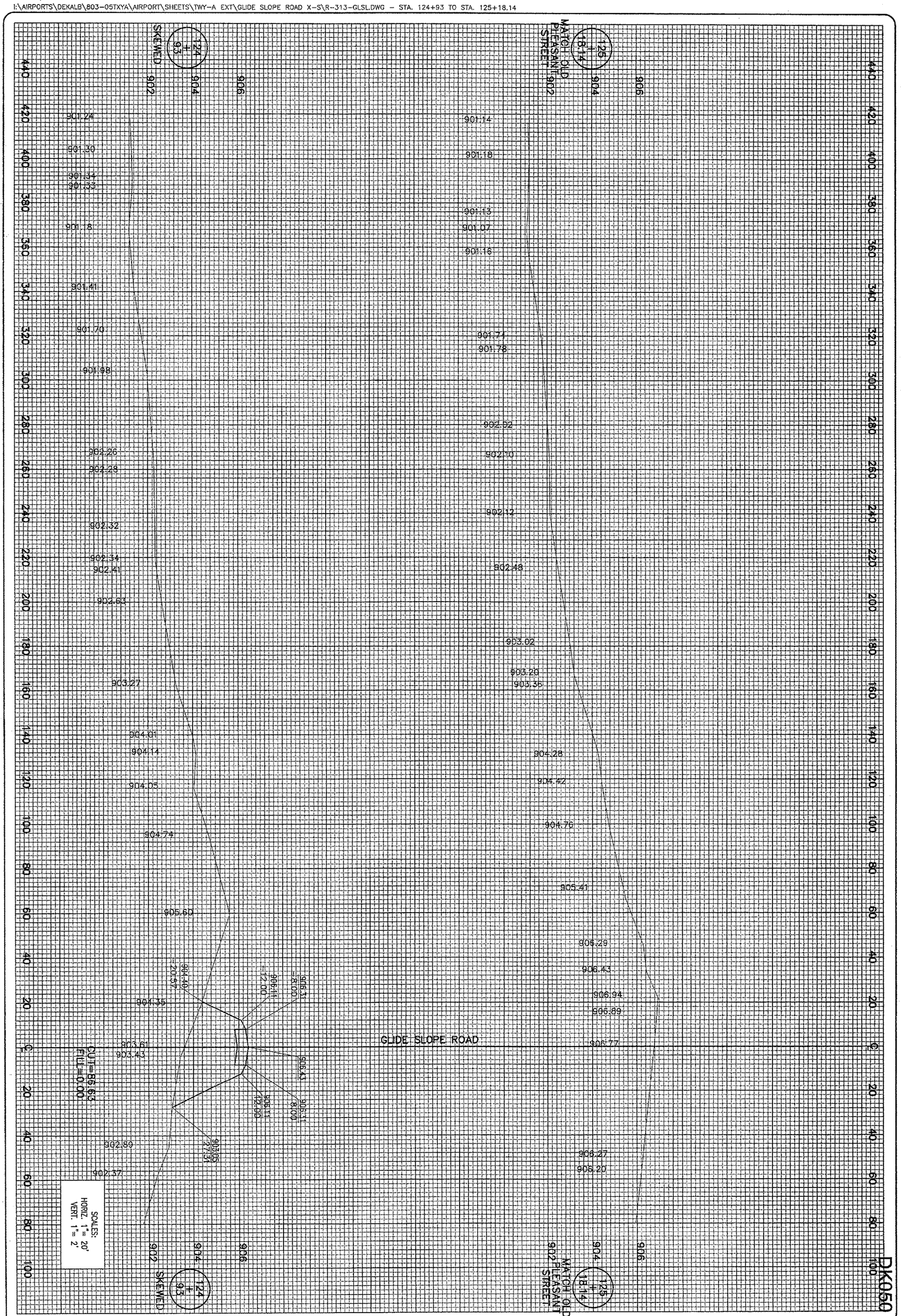

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137 of 224 sheets

137

EXTEND
TAXIWAY "A"

PROPOSED CROSS-SECTIONS
FOR GLIDE SLOPE ROAD
STA. 124+93 TO STA. 125+18.14

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HPS Project No.	803-05TXYAD 0800
Filename	R-313-GLSL.DWG
Scale	H. 1"= 20' V. 1"= 2'
Date	02/10/06

LAYOUT	J.E.O.	02/10/06
DRAWN	M.D.R.	02/10/06
REVIEWED	C.A.H.	02/22/06

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DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

WIDEN TAXIWAYS "A" & "C" FROM 35' TO 50'

SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	AS AWARDED QUANTITIES	AS BUILT QUANTITIES
AR108158	1\C #8 5KV UG CABLE IN UD	L.F.	7,014	
AR110552	EXTEND 2-WAY DUCT	L.F.	66	
AR110554	EXTEND 4-WAY DUCT	L.F.	30	
AR125447	TAXI GUIDANCE SIGN, 7 CHARACTER	EA	1	
AR125902	REMOVE BASE MOUNTED LIGHT	EA	1	
AR125961	RELOCATE STAKE MOUNTED LIGHT	EA	55	
AR125962	RELOCATE BASE MOUNTED LIGHT	EA	7	
AR125964	RELOCATE TAXI-GUIDANCE SIGN	EA	3	
AR152410	UNCLASSIFIED EXCAVATION	C.Y.	6,812	
AR156513	SEPARATION FABRIC	S.Y.	9,833	
AR156544	RIPRAP--GRADATION NO. 4	S.Y.	45	
AR201610	BITUMINOUS BASE COURSE	TON	3,126	
AR201630	BITUMINOUS BASE TEST SECTION	EA	1	
AR208540	OVERSIZED AGGREGATE	TON	3,604	
AR209510	CRUSHED AGGREGATE BASE COURSE	TON	3,219	
AR401610	BITUMINOUS SURFACE COURSE	TON	1,007	
AR401650	BITUMINOUS PAVEMENT MILLING	S.Y.	42	
AR401665	BITUMINOUS PAVEMENT SAWING	L.F.	5,568	
AR602510	BITUMIONOUS PRIME COAT	GAL	4,682	
AR603510	BITUMINOUS TACK COAT	GAL	2,719	
AR620520	PAVEMENT MARKING-WATERBORNE	S.F.	8,712	
AR620900	PAVEMENT MARKING REMOVAL	S.F.	8,029	
AR701518	18" RCP CLASS IV	L.F.	53	
AR701530	30" RCP CLASS IV	L.F.	26	
AR701536	36" RCP CLASS IV	L.F.	67	
AR705410	POROUS BACKFILL	C.Y.	197	
AR705524	4" PERFORATED UNDERDRAIN W/ SOCK	L.F.	5,307	
AR705630	UNDERDRAIN INSPECTION HOLE	EA	14	
AR705900	REMOVE UNDERDRAIN	L.F.	5,395	
AR705903	REMOVE UNDERDRAIN INSPECTION HOLE	EA	10	
AR752618	CONCRETE HEADWALL 18"	EA	2	
AR752630	CONCRETE HEADWALL 30"	EA	1	
AR752636	CONCRETE HEADWALL 36"	EA	2	
AR752903	REMOVE HEADWALL	EA	5	
AR901510	SEEDING	ACRE	7.5	
AR908510	MULCHING	ACRE	6.6	
AR908520	EXCELSIOR BLANKET	S.Y.	4,771	

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DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DK8-3448 AIP PROJ.: 3-17-0139-B42

DATE	REVISION	BY

HPS Project No. 803057XYAD 0800
Filename R-005FLP.DWG
Scale N/A
Date 01/06/04

LAYOUT	MDR	01/06/04
DRAWN	MDR	01/06/04
REVIEWED	CAH	02/22/06

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WIDEN TAXIWAYS A & C FROM 35' TO 50'

SUMMARY OF QUANTITIES FOR WIDENING OF TAXIWAYS "A" & "C" FROM 35' TO 50'

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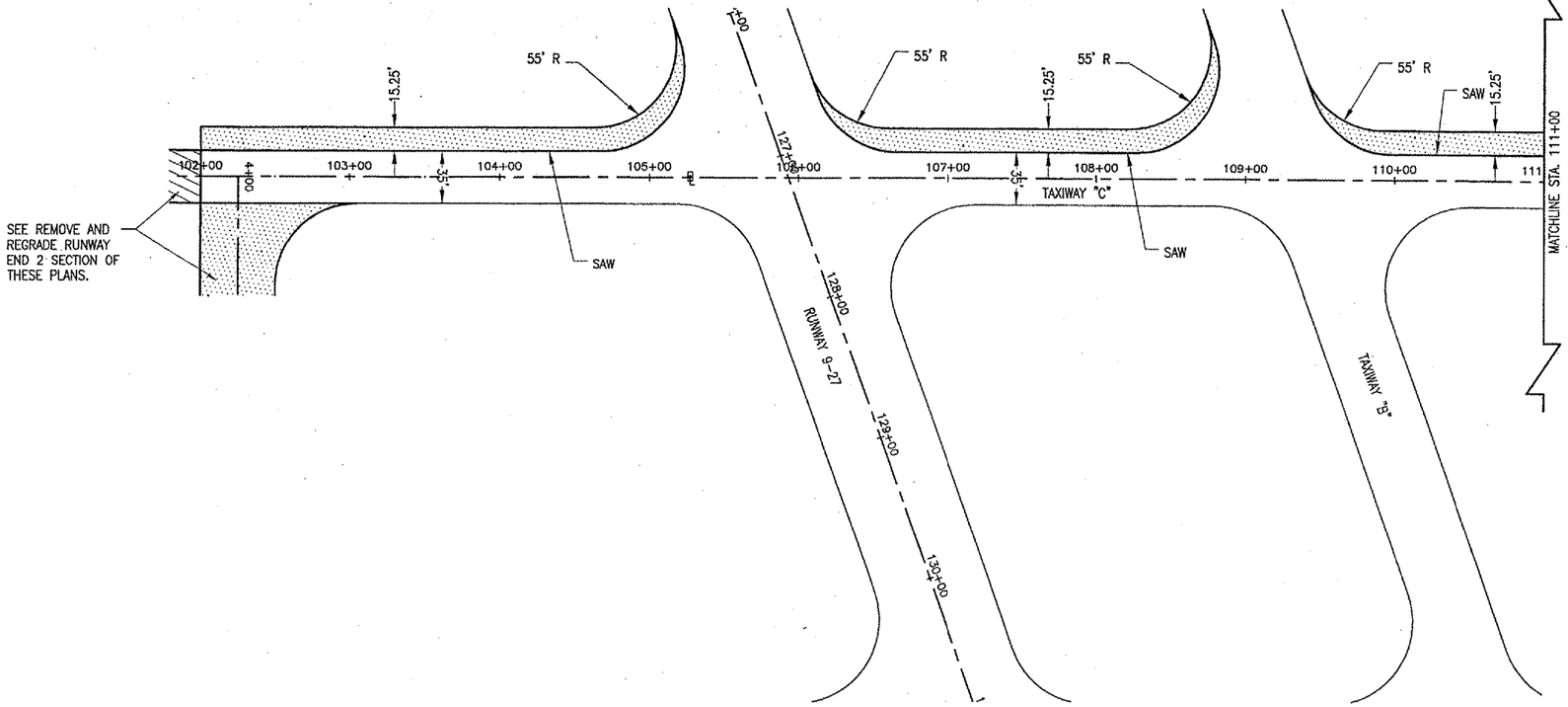

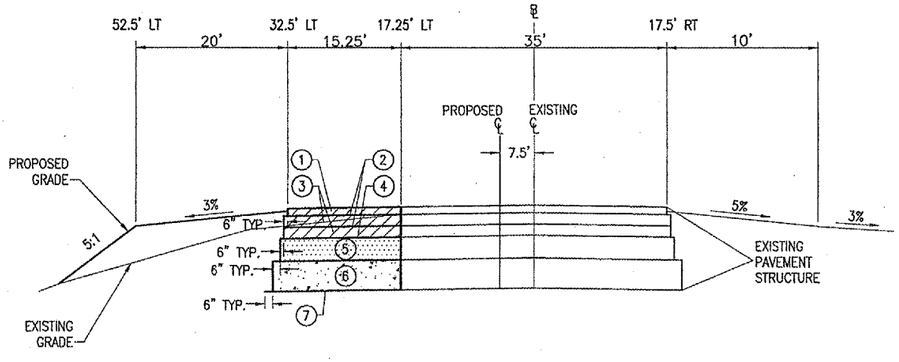

TAXIWAY "C" TYPICAL SECTION
(NOT TO SCALE)

1. 401-BITUMINOUS SURFACE COURSE (2" DEPTH)
2. 603-TACK COAT (0.05 TO 0.15 GAL./S.Y.)
3. 201-BITUMINOUS BASE COURSE (2-3" LIFTS)
4. 602-PRIME COAT (0.50 GAL./S.Y.)
5. 209-CRUSHED AGGREGATE BASE COURSE (6" DEPTH)
6. 208-OVERSIZED AGGREGATE (8" DEPTH)
7. 156-SEPARATION FABRIC (IF REQUIRED)

AR401611 BITUMINOUS SURFACE COURSE – METHOD 1

THE BITUMINOUS SURFACE COURSE (401) SHALL BE PLACED IN ACCORDANCE WITH ITEM AR401001 "BITUMINOUS SURFACE COURSE-METHOD 1" AS STATED ON PAGE 245 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THIS ITEM OF WORK SHALL CONSIST OF CONSTRUCTING 1 LIFT OF BITUMINOUS SURFACE COURSE (2 INCHES IN DEPTH) ON THE EXISTING BITUMINOUS PAVEMENT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE QUALITY CONTROL IN THE PRODUCTION AND CONSTRUCTION OF THE BITUMINOUS SURFACE COURSE.

PRIOR TO STARTING THE BITUMINOUS SURFACE COURSE OPERATION, THE CONTRACTOR SHALL SUBMIT TO THE RESIDENT ENGINEER A DETAILED OUTLINE SHOWING AREAS AND ORDER OF PAVING, WIDTHS OF PAVING LANES, AND REQUIRED OFFSETS FOR ELECTRONIC GRADE.

THE PROPOSED BITUMINOUS SURFACE COURSE WILL BE DESIGNED TO A MARSHALL DESIGN OF MORE THAN 60,000 POUNDS.

401-4.9 ADD THE FOLLOWING TO THIS SECTION:

WHEN HAND SPREADING IS PERMITTED, THE MIXTURE WILL BE DISTRIBUTED AND SPREAD USING HAND TOOLS. WHEN THE WORK IS COMPLETED, THE LAYER WILL HAVE THE REQUIRED THICKNESS AND CONFORM TO THE GRADE AND SURFACE CONTOUR SHOWN ON THE PLANS.

STRINGLINE WILL NOT BE REQUIRED ON THE SURFACE LIFT PROVIDING THE BASE COURSE IS PAVED TO THE DESIRED SLOPE AND GRADE.

401-4.12 ADD THE FOLLOWING TO THIS PARAGRAPH:

ALL PAVEMENT EDGES (LONGITUDINAL, RADIUS, AND PAVEMENT ENDS) MUST BE LEFT IN PROPER ALIGNMENT AS SHOWN ON THE PLANS. THIS MAY BE ACCOMPLISHED BY THE TRIMMING METHOD OUTLINED ABOVE OR AT THE CONTRACTOR'S OPTION BY SAWING AFTER THE PAVING HAS BEEN COMPLETED. NO ADDITIONAL COMPENSATION WILL BE MADE IF THE SAWING METHOD IS USED.

156-SEPARATION FABRIC NOTES:

THE SEPARATION FABRIC (156) SHALL BE PLACED IN ACCORDANCE WITH ITEM AR156 "SEPARATION FABRIC" AS STATED ON PAGE 180 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THE PROPOSED SEPARATION FABRIC SHALL BE PLACED ON THE SUBGRADE PRIOR TO THE PLACEMENT OF THE PROPOSED OVERSIZE AGGREGATE. THE SEPARATION FABRIC SHALL BE PLACED TO THE WIDTHS SHOWN ON THE PROPOSED PAVEMENT TYPICAL SECTION. THIS PAY ITEM IS NOT INTENDED TO BE USED OVER THE WHOLE SUBGRADE AREA, BUT IN AREAS DEEMED UNSTABLE BY THE RESIDENT ENGINEER AFTER COMPACTION EFFORTS OF THE SUBGRADE HAVE BEEN COMPLETED AS SPECIFIED UNDER ITEM AR152410 "UNCLASSIFIED EXCAVATION." THE LOCATIONS OF THE PROPOSED SEPARATION FABRIC WILL BE AS DIRECTED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION. FOR ESTIMATION PURPOSES, ONE HALF OF THE TOTAL WIDENING AREA WAS USED TO DETERMINE THE REQUIRED QUANTITY.

THE PROPOSED SEPARATION FABRIC WILL BE PAID FOR UNDER ITEM:
AR156513 SEPARATION FABRIC _____ 9,833 SQ. YDS.

602-BITUMINOUS PRIME COAT NOTES:

THE BITUMINOUS PRIME COAT (602) SHALL BE PLACED IN ACCORDANCE WITH ITEM AR602 "BITUMINOUS PRIME COAT" AS STATED ON PAGE 58 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004

THE PROPOSED BITUMINOUS PRIME COAT SHALL BE PLACED ON THE PROPOSED AGGREGATE BASE COURSE PRIOR TO THE PLACEMENT OF THE FIRST LIFT OF PROPOSED BITUMINOUS BASE COURSE. THE PROPOSED AGGREGATE BASE COURSE SHALL HAVE A PRIME COAT OF BITUMINOUS MATERIAL APPLIED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.

THE PROPOSED BITUMINOUS PRIME COAT WILL BE PAID FOR UNDER ITEM:
AR602510 BITUMINOUS PRIME COAT _____ 4,682 GAL.

AR201-BITUMINOUS BASE COURSE NOTES

THE BITUMINOUS BASE COURSE (201) SHALL BE PLACED IN ACCORDANCE WITH ITEM AR201002 "BITUMINOUS BASE COURSE-METHOD II" AS STATED ON PAGE 193 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THIS ITEM OF WORK SHALL CONSIST OF CONSTRUCTING TWO LIFTS OF BITUMINOUS BASE COURSE (3 INCHES IN DEPTH) ON THE PROPOSED CRUSHED AGGREGATE BASE COURSE FOR THE PROPOSED TAXIWAY WIDENING.

THE PROPOSED BITUMINOUS BASE COURSE WILL BE DESIGNED TO A MARSHALL DESIGN OF MORE THAN 60,000 POUNDS.

603-BITUMINOUS TACK COAT NOTES:

THE BITUMINOUS TACK COAT (603) SHALL BE PLACED IN ACCORDANCE WITH ITEM AR603 "BITUMINOUS TACK COAT" AS STATED ON PAGE 62 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THE PROPOSED BITUMINOUS TACK COAT SHALL BE PLACED ON THE PROPOSED BITUMINOUS PAVEMENT PRIOR TO THE PLACEMENT OF THE NEXT LIFT OF PROPOSED BITUMINOUS SURFACE COURSE. FOR ESTIMATING PURPOSES A RATE OF 0.15 GAL./S.Y. WAS USED.

THE PROPOSED BITUMINOUS TACK COAT WILL BE PAID FOR UNDER ITEM:
AR603510 BITUMINOUS TACK COAT _____ 2,719 GAL.

PAVEMENT SAWING NOTES

THE EDGE OF THE EXISTING PAVEMENT WILL BE SAWED FULL DEPTH.

THE PROPOSED SAWING WILL REMOVE THE ROLLED DOWN EDGE AND PROVIDE A STRAIGHT PAVEMENT EDGE TO BUTT AGAINST.

THE RESIDENT ENGINEER WILL INDICATE HOW FAR THE TYPICAL ROLLED EDGE HAS OCCURED AND PROVIDE A DISTANCE FROM CENTERLINE FOR THE SAWING. THE CONTRACTOR WILL LAYOUT THE STRAIGHT SAWING EDGE BASED ON THIS DISTANCE.

ANY BITUMINOUS PAVEMENT CUT FROM THE SAWING OPERATIONS WILL BE COLLECTED AND DISPOSED OF OFF THE AIRPORT SITE.

THE SAWING AND DISPOSAL OF ANY WASTE MATERIAL WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED

THE PROPOSED PAVEMENT SAWING WILL BE PAID FOR UNDER ITEM:
AR401665 BITUMINOUS PAVEMENT SAWING_____5,568 L.F.

LEGEND

- EXISTING PAVEMENT
- PROPOSED IMPROVEMENTS
- EXISTING PAVEMENT TO BE REMOVED

0' 25' 50' 100'
SCALE: 1"= 50'

BY	REVISION	DATE

DMAX
DEKALB TAYLOR MUNICIPAL AIRPORT
IL. PROJ.: DKB-3448 AIP PROJ.: 3-17-0139-B42

IDS Project No. 803051TXYAD 0800
Filename: R-121CON.DWG
Scale: 1" = 50'
Date: 01/05/05

LAYOUT	JMB	01/05/05
DRAWN	JMB	01/05/05
REVIEWED	CAH	02/22/05

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WIDEN TAXIWAYS A & C FROM 35' TO 50'

PROPOSED CONSTRUCTION PLAN
STA. 102+00 TO STA. 111+00

139
139 of 224 sheets

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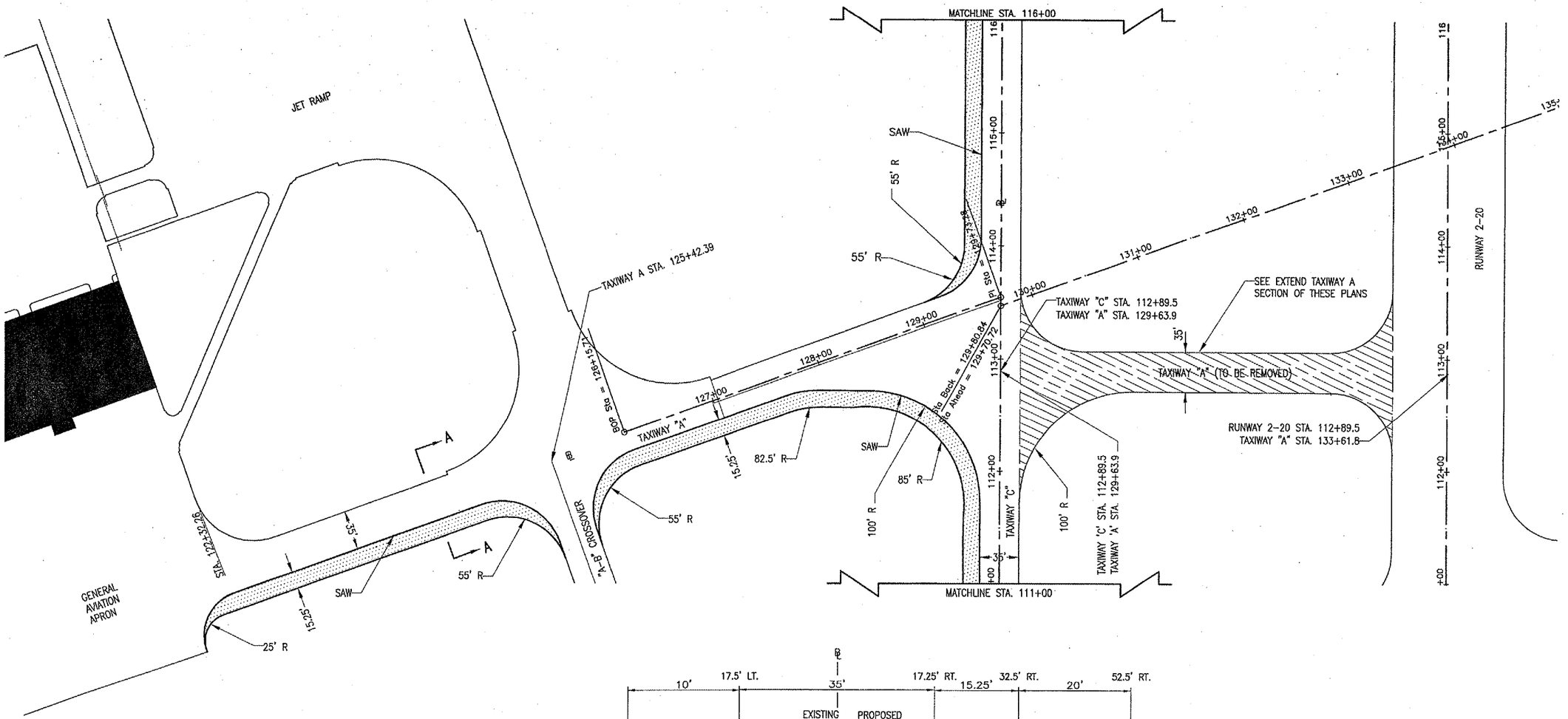


209-CRUSHED AGGREGATE BASE COURSE NOTES:

THE CRUSHED AGGREGATE BASE COURSE (209) SHALL BE PLACED IN ACCORDANCE WITH ITEM 209 "CRUSHED AGGREGATE BASE COURSE" AS STATED ON PAGE 45 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THE BASE COURSE MATERIAL (CA-6) WILL BE USED TO CONSTRUCT A BASE COURSE FOR THE PROPOSED TAXIWAY "A" AND "C" WIDENING, THE BASE COURSE WILL BE 6" IN DEPTH AND COMPACTED TO NOT LESS THAN 95 PERCENT DENSITY.

THE PROPOSED AGGREGATE FOR THE BASE COURSE MATERIAL SHALL MEET THE REQUIREMENTS OF GRADATION "B" IN TABLE 1 OF THE SUPPLEMENTAL SPECIFICATIONS.

209-3.2 EQUIPMENT ADD THE FOLLOWING PARAGRAPHS TO THIS SECTION:

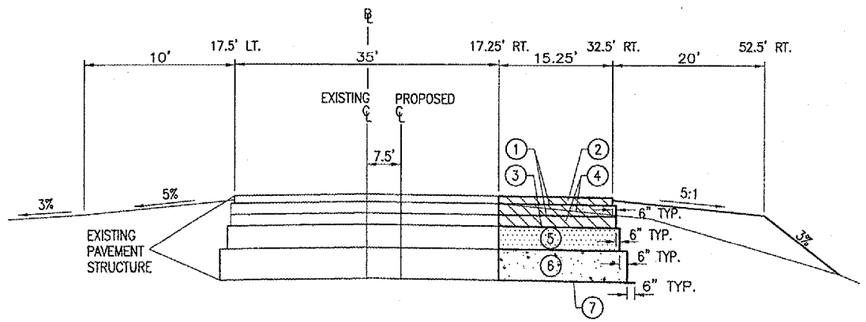
"PROVISIONS SHALL BE MADE BY THE CONTRACTOR FOR FURNISHING WATER AT THE PLANT AND AT THE SITE OF THE WORK BY EQUIPMENT OF AMPLE CAPACITY AND OF SUCH DESIGN AS TO ASSURE UNIFORM MIXING AND APPLICATIONS."

THE CONTRACTOR WILL PROVIDE THE RESIDENT ENGINEER A PROCTOR CURVE SHOWING OPTIMUM DENSITY AND MOISTURE FOR THE SUPPLIED BASE COURSE MATERIAL.

THE COMPACTION CONTROL TEST TO BE USED SHALL BE FAA COMPACTION CONTROL TEST T-611 FOR AIRCRAFT WEIGHING MORE THAN 60,000 LBS.

209-4.1 DELETE THE FIFTH SENTENCE AND REPLACE IT WITH THE FOLLOWING:

"IF AT THE TIME THE AGGREGATES ARE WEIGHED THEY CONTAIN MORE THAN SIX (6) PERCENT OF ABSORBED AND FREE MOISTURE BY WEIGHT, A DEDUCTION FOR THE MOISTURE IN EXCESS OF THIS AMOUNT SHALL BE MADE IN DETERMINING THE PAY QUANTITY."



TAXIWAY TYPICAL SECTION "A-A"

(NOT TO SCALE)

1. 401-BITUMINOUS SURFACE COURSE (2" DEPTH)
2. 603-TACK COAT (0.05 TO 0.15 GAL./S.Y.)
3. 201-BITUMINOUS BASE COURSE (2-3" LIFTS)
4. 602-PRIME COAT (0.35 GAL./S.Y.)
5. 209-CRUSHED AGGREGATE BASE COURSE (6" DEPTH)
6. 208-OVERSIZED AGGREGATE (8" DEPTH)
7. 156-SEPARATION FABRIC (IF REQUIRED)

LEGEND

- EXISTING PAVEMENT
- PROPOSED IMPROVEMENTS
- EXISTING PAVEMENT TO BE REMOVED

0' 25' 50' 100'

SCALE: 1"= 50'

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DATE	REVISION	BY

DTMA

DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 AIP PROJ.: 3-17-0139-B42

HPS Project No. 803051TXYAD 0800
Filename R-121CON.DWG
Scale 1" = 50'
Date 01/05/05

LAYOUT	JMB	01/05/05
DRAWN	JMB	01/05/05
REVIEWED	CAH	02/22/06

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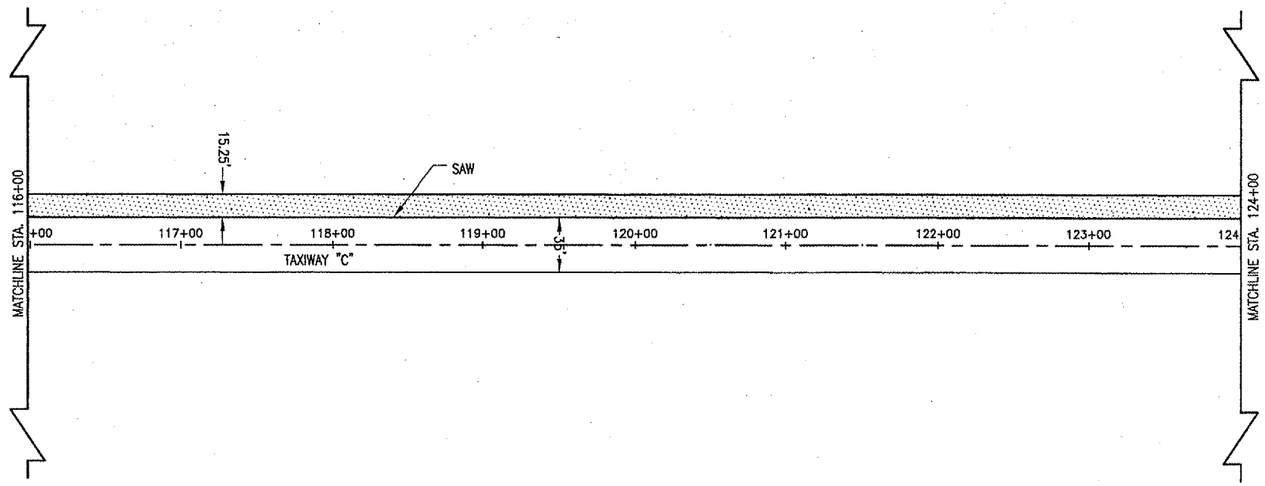
WIDEN TAXIWAYS A & C FROM 35' TO 50'

PROPOSED CONSTRUCTION PLAN
STA. 111+00 TO STA. 116+00

140

140 of 224 sheets



BITUMINOUS PAVEMENT MILLING

THE AREA DESIGNATED AS ▨ ON THIS SHEET WILL BE CUT OR TRIMMED TO A DEPTH OF 2". THE CUTTING OR TRIMMING WILL BE DONE BY ROTO– MILLING. THE TOLERANCE OF THE MILLING WILL BE AS STATED IN THE STANDARD SPECIFICATIONS.

THE EXISTING PAVEMENT WILL BE SAWED TO A 2" DEPTH AS SHOWN ON THIS SHEET. SAWING WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE PROPOSED PAVEMENT MILLING AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

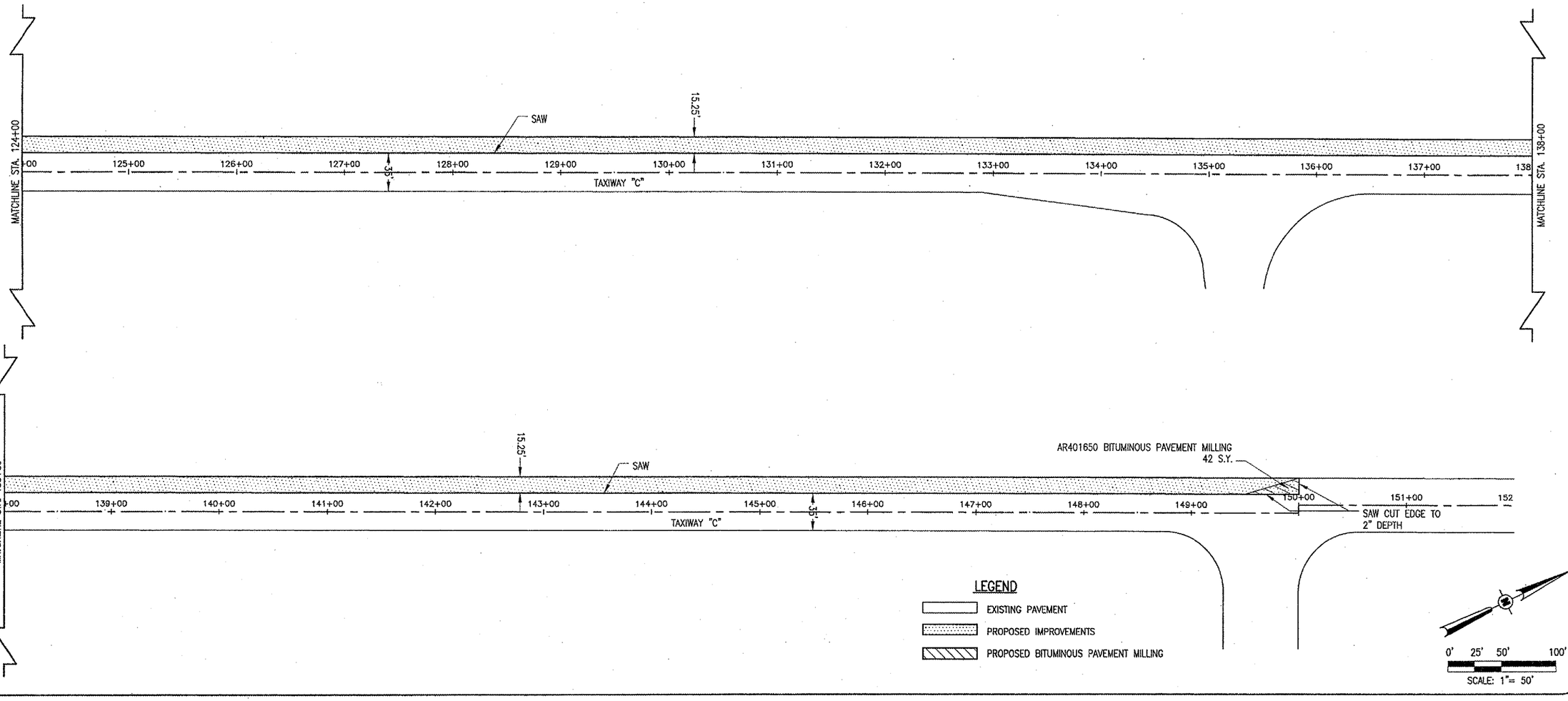
ALL MILLED MATERIAL WILL BE DISPOSED OF ON THE AIRPORT SITE AND USE FOR FILL IN THE PROPOSED IMPROVEMENTS AREAS.

PRIOR TO APPLYING THE BITUMINOUS OVERLAY ALL MILLED MATERIAL WILL BE BROOMED AND BLOWN CLEAN AND A BITUMINOUS TACK COAT APPLIED. THE VERTICAL FACE OF ALL SAW CUTS WILL BE PAINTED WITH A LIQUID ASPHALT.

ANY ADJACENT PAVEMENT DAMAGED BY THE MILLING OPERATIONS WILL BE REPAIRED AT THE CONTRACTOR'S OWN EXPENSE.

ALL BITUMINOUS PAVEMENT MILLING AREAS WILL BE LOCATED AND MARKED BY THE RESIDENT ENGINEER.

THE BITUMINOUS PAVEMENT MILLING WILL BE PAID FOR UNDER ITEM:
AR401650 "BITUMINOUS PAVEMENT MILLING"_____ 42 SQ. YDS.



LEGEND

- EXISTING PAVEMENT
- PROPOSED IMPROVEMENTS
- PROPOSED BITUMINOUS PAVEMENT MILLING

0' 25' 50' 100'
SCALE: 1"= 50'

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DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT
IL. PROJ.: DKB-3448 AIP PROJ.: 3-17-0139-B42

DATE	REVISION	BY

HPS Project No. 803057XYAD 0800
Filename R-121CON.DWG
Scale 1" = 50'
Date 01/05/05

LAYOUT	JMB	01/05/05
DRAWN	JMB	01/05/05
REVIEWED	CAH	02/22/06

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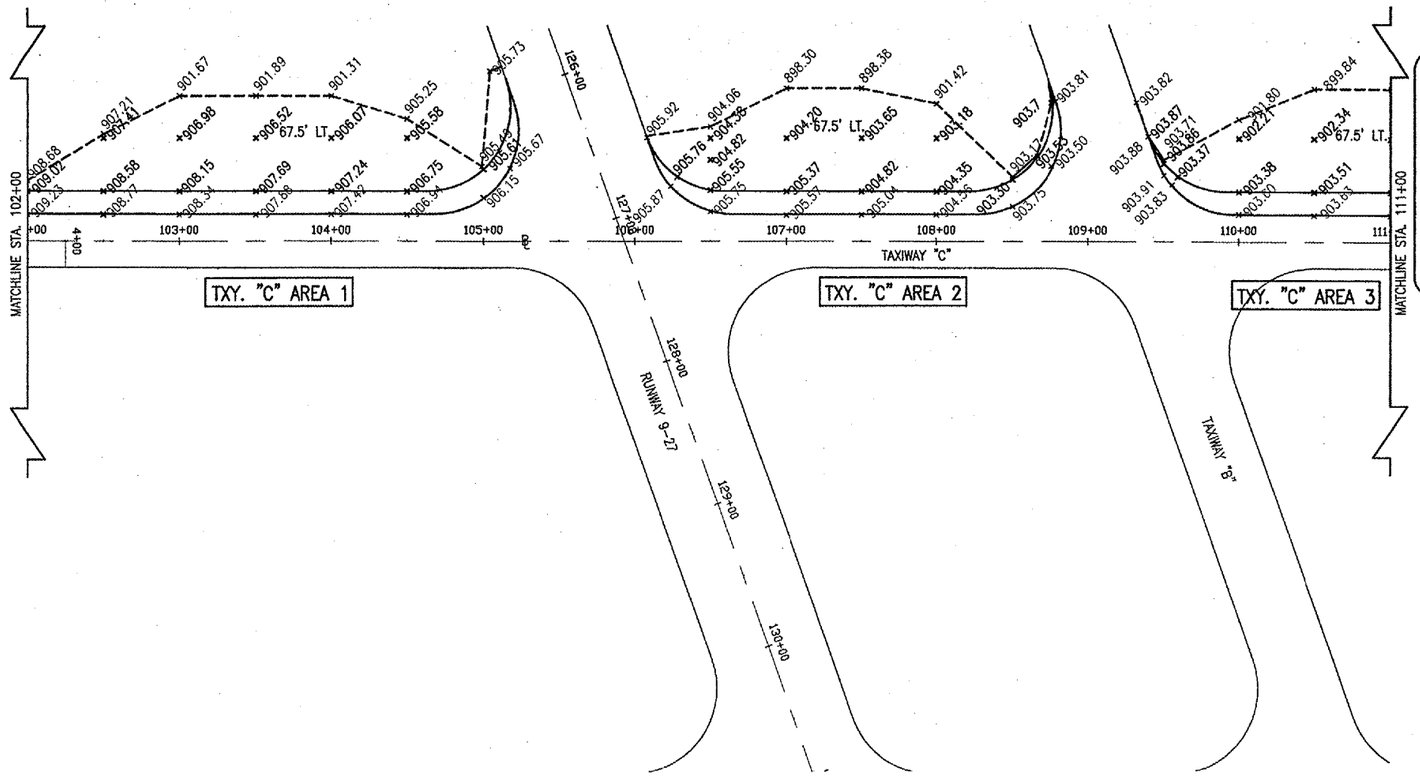
WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED
CONSTRUCTION PLAN
STA. 116+00 TO STA. 150+00

141
141 of 224 sheets

DK050



THE LOCATION, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 1-800-892-0123.

901 SEEDING NOTES

THE PROPOSED SEEDING SHALL BE ACCOMPLISHED IN ACCORDANCE WITH ITEM 901 "SEEDING" AS STATED ON PAGE 120 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

ALL DISTURBED AREAS LOCATED WITHIN THE PROPOSED GRADING AND SEEDING LIMITS WILL BE SEEDED IN ACCORDANCE WITH THE ABOVE NOTED SPECIFICATION. ALL AREAS OUTSIDE THE DESIGNATED GRADING AND SEEDING LIMITS WILL ALSO BE SEEDED BUT AT THE CONTRACTOR'S OWN EXPENSE.

ALL MATERIALS AND/OR DEBRIS RESULTING FROM THE SEEDING OPERATIONS WILL BE REMOVED FROM THE PAVEMENTS AND MISCELLANEOUS STRUCTURES PRIOR TO OPENING THE TAXIWAY.

901-3.4 MAINTENANCE OF SEEDED AREAS. DELETE THE SECOND PARAGRAPH OF THIS SECTION AND ADD THE FOLLOWING:

"THE CONTRACTOR WILL BE REQUIRED TO ESTABLISH A GOOD STAND OF GRASS OF UNIFORM COLOR AND DENSITY TO THE SATISFACTION OF THE RESIDENT ENGINEER. IF AT THE TIME WHEN THE CONTRACT HAS BEEN OTHERWISE COMPLETED, IT IS NOT POSSIBLE TO MAKE AN ADEQUATE DETERMINATION OF COLOR, DENSITY, AND UNIFORMITY OF SUCH STAND OF GRASS, THE ITEM OF WORK WILL BE REVIEWED AT A LATER DATE DETERMINED BY THE ILLINOIS DIVISION OF AERONAUTICS."

DATE SEEDING COMPLETED_____.

THE PROPOSED SEEDING WILL BE PAID FOR UNDER ITEMS: AR901510 SEEDING ____ 7.54 ACRES

908 MULCHING NOTES

THE PROPOSED MULCHING SHALL BE ACCOMPLISHED IN ACCORDANCE WITH ITEM 908 "MULCHING" AS STATED ON PAGE 127 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THIS ITEM SHALL CONSIST OF THE FURNISHING, TRANSPORTING, AND PLACING MULCH OVER THE SEEDED AREA. DISTURBED AREAS OUTSIDE THE GRADING LIMITS SHALL ALSO BE MULCHED AND PARTICIPATION WILL BE THE SAME AS FOR SEEDED AREAS.

908-2.1 MULCH MATERIAL: THE CONTRACTOR WILL FURNISH HYDROMULCH AS THE TYPE OF MULCH MATERIAL TO BE USED ON THIS PROJECT.

908-3.1 THE HYDROMULCH SHALL BE APPLIED AS A SLURRY OF **2,500** POUNDS OF MULCH AND NOT LESS THAN **2,500** GALLONS OF WATER PER ACRE.

908-3.4 STRUCTURE CLEANING: AFTER THE PROPOSED MULCH HAS BEEN APPLIED, THE CONTRACTOR WILL CLEAN THE MULCH OFF ALL STRUCTURES (DRAINAGE, ELECTRICAL, LIGHTS, ETC.).

DATE MULCHING COMPLETED_____.

THE PROPOSED MULCHING WILL BE PAID FOR UNDER ITEMS:
AR908510 MULCHING ____ 6.58 ACRES

QUANTITIES THIS SHEET

ITEM NO.	DESCRIPTION	UNIT	QUANTITY TXY. "C" AREA 1	QUANTITY TXY. "C" AREA 2
AR152410	UNCLASSIFIED EXCAVATION	C.Y.	CUT = 322 FILL = 110	CUT = 217 FILL = 116
AR208540	OVERSIZED AGGREGATE	TON	240	197
AR209510	CRUSHED AGGEGATE BASE COURSE	TON	214	175
AR201610	BITUMINOUS BASE COURSE	TON	207	169
AR401610	BITUMINOUS SURFACE COURSE	TON	67	54
AR901510	SEEDING	ACRE	0.34	0.29
AR908510	MULCHING	ACRE	0.30	0.23
AR908520	EXCELSIOR BLANKET	S.Y.	320	286

TXY. "C", AREA 1 = STA. 102+00 TO RUNWAY 9-27
TXY. "C", AREA 2 = RUNWAY 9-27 TO TAXIWAY "B"

EXCELSIOR BLANKET NOTES

AN EROSION CONTROL MATERIAL (EXCELSIOR BLANKET) WILL BE INSTALLED IN THE GRADING AREAS ADJACENT TO THE WIDENED TAXIWAY PAVEMENTS WITH A WIDTH OF 8 FT. THE EXCELSIOR BLANKET WILL BE PLACED IN ACCORDANCE WITH THE SPECIAL PROVISIONS.

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM AR908520 "EXCELSIOR BLANKET"_____ 4,771 S.Y.

LEGEND

- EXISTING IMPROVEMENTS
- PROPOSED IMPROVEMENTS
- PROPOSED SEEDING AND GRADING LIMITS
- 583.15 PROPOSED GRADE
- 583.09 EXISTING GRADE

0' 25' 50' 100'
SCALE: 1"= 50'

BY	REVISION	DATE

DTMAX
DEKALB TAYLOR MUNICIPAL AIRPORT

IL PROJ.: DKB-3448 AIP PROJ.: 3-17-0139-B42

HPS Project No. 80305TXYAD 0800
Filename R-191-STK.DWG
Scale 1" = 50'
Date 01/05/05

LAYOUT	JMB	01/05/05
DRAWN	JMB	01/05/05
REVIEWED	CAH	03/06/06

HANSON
Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

WIDEN TAXIWAYS A & C
FROM 35' TO 50'
PROPOSED
STAKING PLAN
STA. 102+00 TO STA. 111+00

142
142 of 224 sheets

APR 10, 2006 10:49 AM BAK
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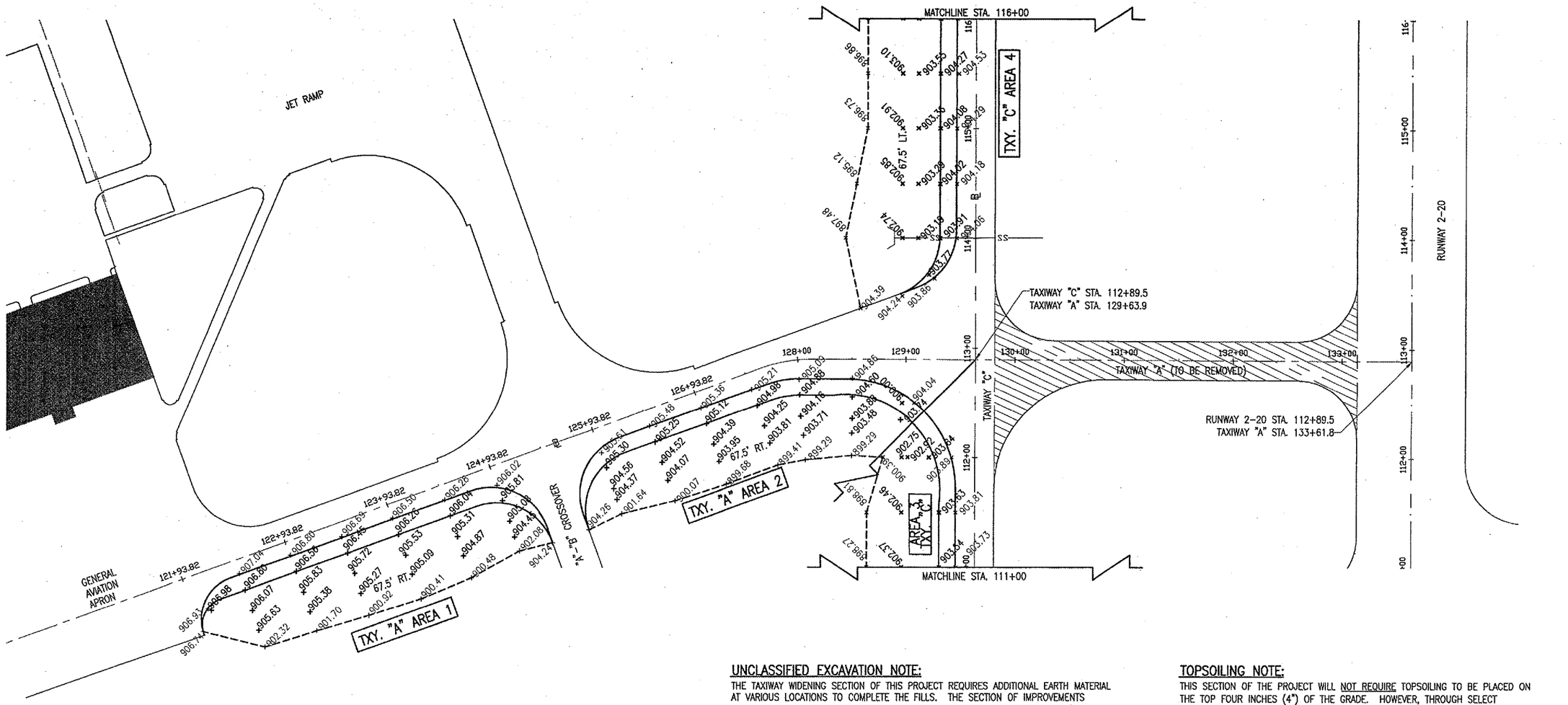

UNCLASSIFIED EXCAVATION NOTE:

THE TAXIWAY WIDENING SECTION OF THIS PROJECT REQUIRES ADDITIONAL EARTH MATERIAL AT VARIOUS LOCATIONS TO COMPLETE THE FILLS. THE SECTION OF IMPROVEMENTS BETWEEN TAXIWAY C AND RUNWAY 2-20 HAS AN EXCESS OF EARTH MATERIAL (2,561 C.Y.). THE CONTRACTOR WILL REMOVE A PORTION OF THIS EARTH MATERIAL (1,308 C.Y.) AND PLACE IN THE AREAS REQUIRING ADDITIONAL FILLS FOR THE TAXIWAY A AND C WIDENING. THE REMAINDER OF THIS EXCESS EARTH MATERIAL WILL BE PLACED ON THE TAXIWAY A EXTENSION SECTION OF THIS PROJECT. THE CONTRACTOR WILL REMOVE ALL THIS MATERIAL FROM THE REALIGNMENT PORTION OF TAXIWAY A AND PLACE IN ACCORDANCE TO AR152 SPECIFICATIONS. NO STOCKPILING IN THIS AREA WILL BE ALLOWED.

TOPSOILING NOTE:

THIS SECTION OF THE PROJECT WILL NOT REQUIRE TOPSOILING TO BE PLACED ON THE TOP FOUR INCHES (4") OF THE GRADE. HOWEVER, THROUGH SELECT GRADING, EVERY EFFORT WILL BE MADE TO PROVIDE TOPSOIL AT THE FINAL GRADE TO AID IN THE ESTABLISHMENT OF GRASS.

QUANTITIES THIS SHEET

ITEM NO.	DESCRIPTION	UNIT	QUANTITY TXY. "A", AREA 1	TXY. "A", AREA 2	TXY. "C", AREA 3
AR152410	UNCLASSIFIED EXCAVATION	C.Y.	CUT = 372 FILL = 307	CUT = 243 FILL = 1,176	CUT = 243 FILL = 953
AR208540	OVERSIZED AGGREGATE	TON	223	242	198
AR209510	CRUSHED AGGEGATE BASE COURSE	TON	198	216	176
AR201610	BITUMINOUS BASE COURSE	TON	191	208	171
AR401610	BITUMINOUS SURFACE COURSE	TON	67	61	55
AR901510	SEEDING	ACRE	0.40	0.38	0.35
AR908510	MULCHING	ACRE	0.33	0.32	0.29
AR908520	EXCELSIOR BLANKET	S.Y.	321	315	275

TXY. A, AREA 1 = GA APRON TO "A"-"B" CROSS OVER
TXY. A, AREA 2 = "A"-"B" CROSS OVER TO MIDPOINT OF TAXIWAYS "A" & "C" RADIUS
TXY. C, AREA 3 = TAXIWAY "B" TO MIDPOINT OF TAXIWAYS "A" & "C" RADIUS

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CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 1-800-892-0123.

LEGEND

- EXISTING IMPROVEMENTS
- PROPOSED IMPROVEMENTS
- PROPOSED SEEDING AND GRADING LIMITS
- 583.15 PROPOSED GRADE
- 583.09 EXISTING GRADE

0' 25' 50' 100'
SCALE: 1"= 50'

DATE | REVISION | BY

DEKALB TAYLOR MUNICIPAL AIRPORT
IL. PROJ.: DK8-3448 AIP PROJ.: 3-17-0139-B42

HPS Project No. 80305TXYAD_0800
Filename R-191-STK.DWG
Scale 1" = 50'
Date 01/05/05

LAYOUT	JMB	01/05/05
DRAWN	JMB	01/05/05
REVIEWED	CAH	03/06/06

HANSON
Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2888
Offices Nationwide

WIDEN TAXIWAYS A & C FROM 35' TO 50'

PROPOSED STAKING PLAN
STA. 111+00 TO STA. 116+00

143
143 of 224 sheets

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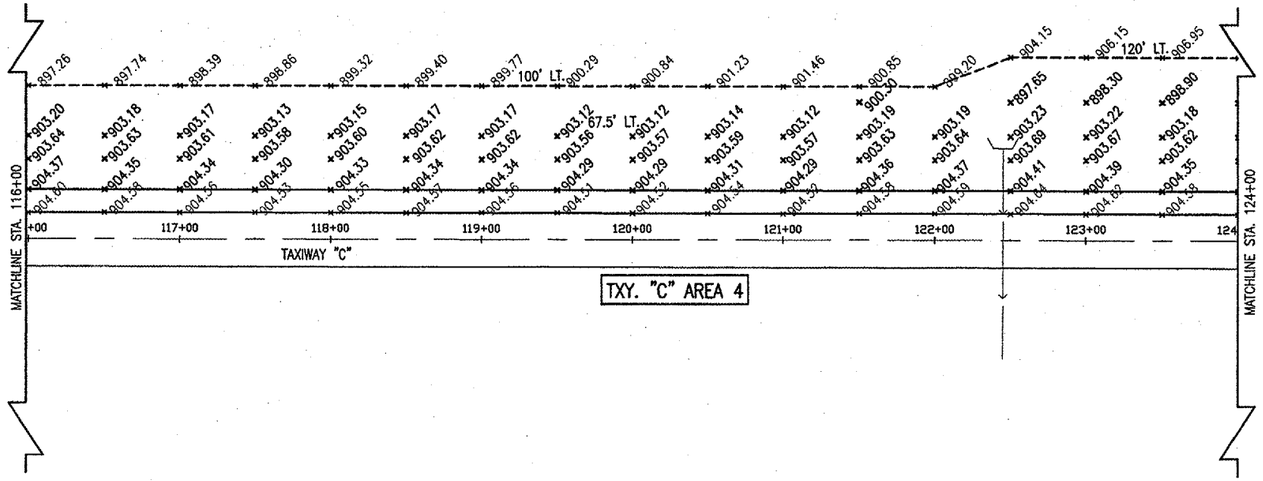


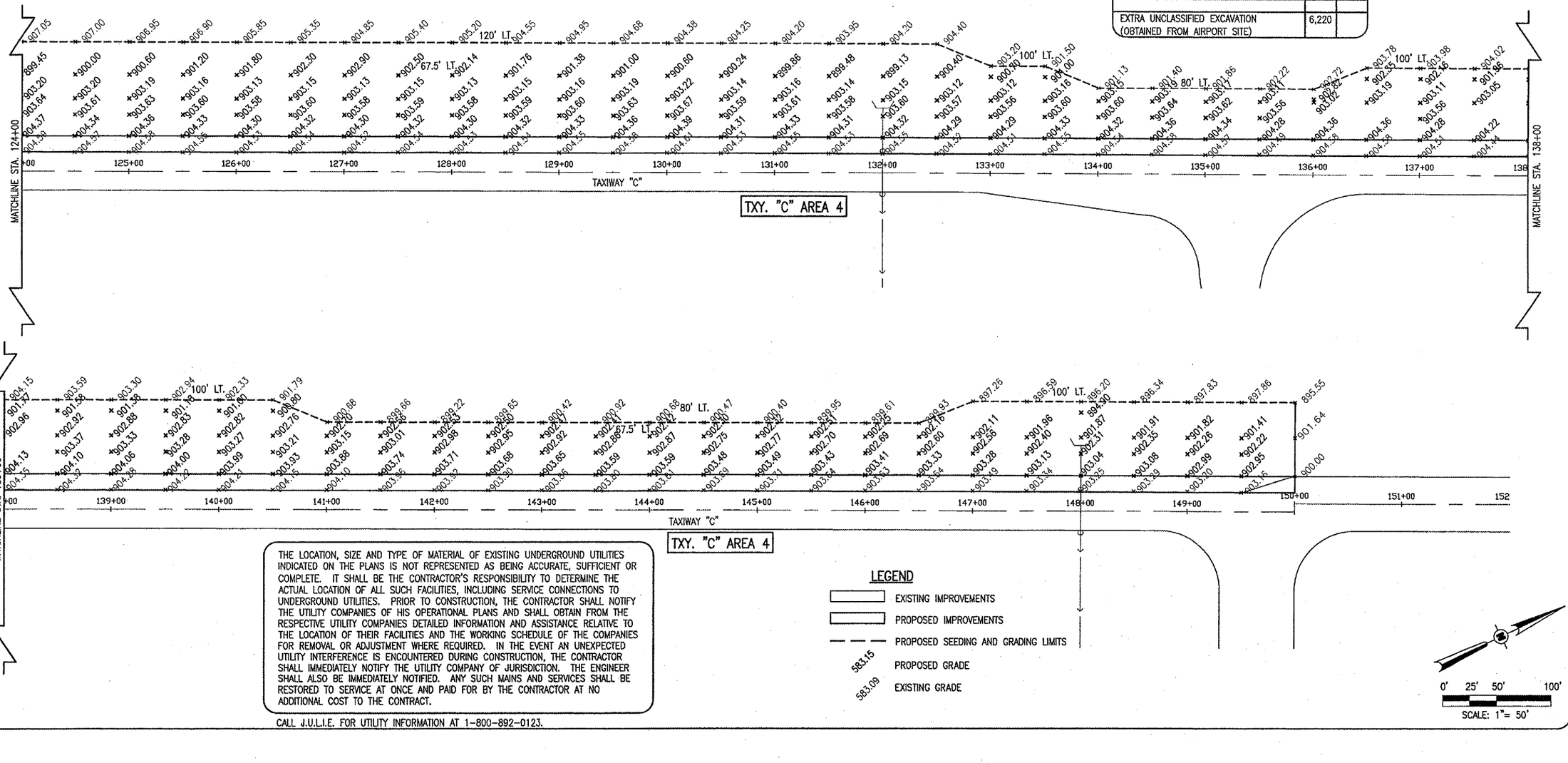
QUANTITIES THIS SHEET

ITEM NO.	DESCRIPTION	UNIT	QUANTITY TXY. "C", AREA 4
AR152410	UNCLASSIFIED EXCAVATION	C.Y.	CUT = 5,415 | FILL = 7,681
AR208540	OVERSIZED AGGREGATE	TON	2,504
AR209510	CRUSHED AGGEGATE BASE COURSE	TON	2,240
AR201610	BITUMINOUS BASE COURSE	TON	2,180
AR401610	BITUMINOUS SURFACE COURSE	TON	703
AR901510	SEEDING	ACRE	5.78
AR908510	MULCHING	ACRE	5.11
AR908520	EXCELSIOR BLANKET	S.Y.	3,254

TXY. "C", AREA 4 = TAXIWAY "A" TO TAXIWAY "C" STA. 150+00

TOTAL EXCAVATION

DESCRIPTION	CUT	FILL
UNCLASSIFIED EXCAVATION	6,812	10,343
SHRINKAGE FACTOR	1.26	
TOTAL UNCLASSIFIED EXCAVATION REQUIRED	13,032	
EXTRA UNCLASSIFIED EXCAVATION (OBTAINED FROM AIRPORT SITE)	6,220	



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LEGEND

- EXISTING IMPROVEMENTS
- PROPOSED IMPROVEMENTS
- PROPOSED SEEDING AND GRADING LIMITS
- 583.15 PROPOSED GRADE
- 583.09 EXISTING GRADE

0' 25' 50' 100'
SCALE: 1"= 50'

BY	REVISION	DATE

DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 AIP PROJ.: 3-17-0139-B42

HPS Project No. 80305TXYAD.0800			
Filename: R-191-STK.DWG	LAYOUT	JMB	01/05/05
Scale: 1" = 50'	DRAWN	JMB	01/05/05
Date: 01/05/05	REVIEWED	CAH	03/06/06

HANSON

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Springfield, Illinois 62703-2886
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WIDEN TAXIWAYS A & C FROM 35' TO 50'

PROPOSED STAKING PLAN STA. 116+00 TO STA. 150+00

144
144 of 224 sheets

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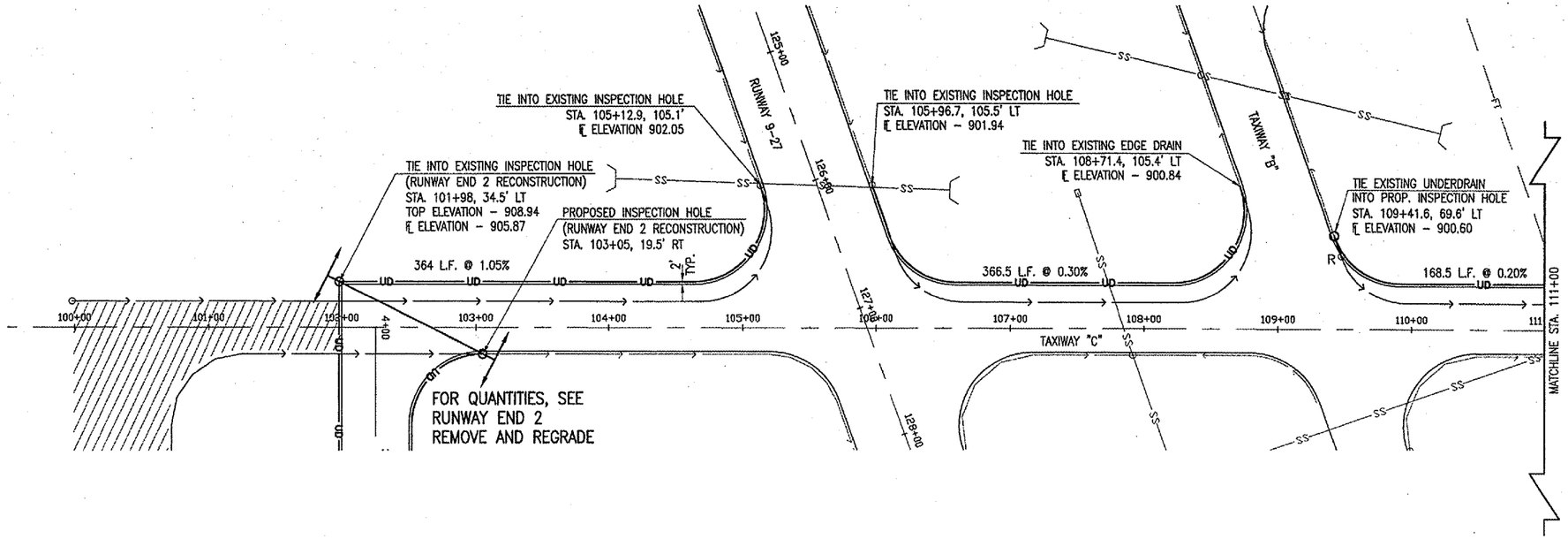


INSPECTION HOLE NOTES:

DIAMETER OF PIPE AS SPECIFIED.

TOP OF INSPECTION HOLES AND LOCATIONS SHALL BE AS SHOWN ON THE CONSTRUCTION PLANS.

1/2" CHAMFER TO BE USED ON ALL EXPOSED EDGES OF INSPECTION HOLES.

THE CONCRETE SHALL BE STRUCTURAL PORTLAND CEMENT CONCRETE TYPE CLASS SI OR 610 P.C. (NON-REINFORCED).

THE PROPOSED POROUS BACKFILL NO. 1 WILL BE PAID FOR UNDER ITEM AR705411 "POROUS BACKFILL NO. 1" PER CUBIC YARD.

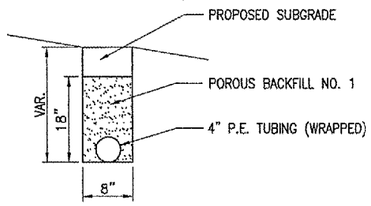
THE PROPOSED 4" P.E. TUBING WILL BE PAID FOR UNDER ITEM:
AR705524 4" PERFORATED UNDERDRAIN W/ SOCK PER LIN. FT.

THE PROPOSED INSPECTION HOLES WILL BE PAID FOR UNDER ITEM:
AR705630 "UNDERDRAIN INSPECTION HOLE" PER EACH.

REMOVE UNDERDRAIN NOTES:

THE EXISTING UNDERDRAIN WAS PLACED ±2 (TWO) FEET FROM THE EXISTING PAVEMENT EDGE WITH A COARSE SAND BACKFILL. THIS ITEM WILL PAY FOR THE REMOVAL OF THE CORRUGATED PLASTIC PIPE & SOCK AT LOCATIONS WHERE THE PROPOSED PAVEMENT STRUCTURE WILL BE EXPANDED. ONCE REMOVED, THE TRENCH WILL BE CONSOLIDATED & COMPACTED TO THE SATISFACTION OF THE RESIDENT ENGINEER.

THIS WORK WILL BE PAID FOR UNDER ITEM:
AR705900 "REMOVE UNDERDRAIN"_____ PER LIN. FT.



UNDERDRAIN DETAIL
NOT TO SCALE

UNDERDRAIN QUANTITIES (THIS SHEET)			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
AR705410	POROUS BACKFILL	C.Y.	34
AR705524	4" PERFORATED UNDERDRAIN W/SOCK	L.F.	899
AR705630	UNDERDRAIN INSPECTION HOLE	EACH	1
AR705900	REMOVE UNDERDRAIN	L.F.	971
AR705903	REMOVE UNDERDRAIN INSP. HOLE	EACH	1

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CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 1-800-892-0123.

LEGEND

- EXISTING PAVEMENT
- EXISTING PAVEMENT (TO BE REMOVED)
- SS — EXISTING STORM SEWER
- FT — EXISTING FIELD TILE
- EXISTING UNDERDRAIN
- EXISTING UNDERDRAIN (TO BE REMOVED)
- UD — PROPOSED UNDERDRAIN
- EXISTING INSPECTION HOLE
- R — EXISTING INSPECTION HOLE (TO BE REMOVED)
- EXISTING INLET
- EXISTING HEADWALL
- PROPOSED INSPECTION HOLE

0' 25' 50' 100'
SCALE: 1"= 50'

DATE | REVISION | BY

DEKALB TAYLOR MUNICIPAL AIRPORT
AIP PROJ.: 3-17-0139-B42
IL. PROJ.: DK8-3448

HPS Project No. 80305TXYA0 0800
Filename R-131DRN.DWG
Scale SCALE: 1"=50'
Date 3/02/05

LAYOUT	KDM	3/2/05
DRAWN	KDM	3/2/05
REVIEWED	CAH	2/22/06

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1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED
DRAINAGE PLAN
STA. 100+00 TO STA. 111+00

145
145 of 224 sheets
FINAL

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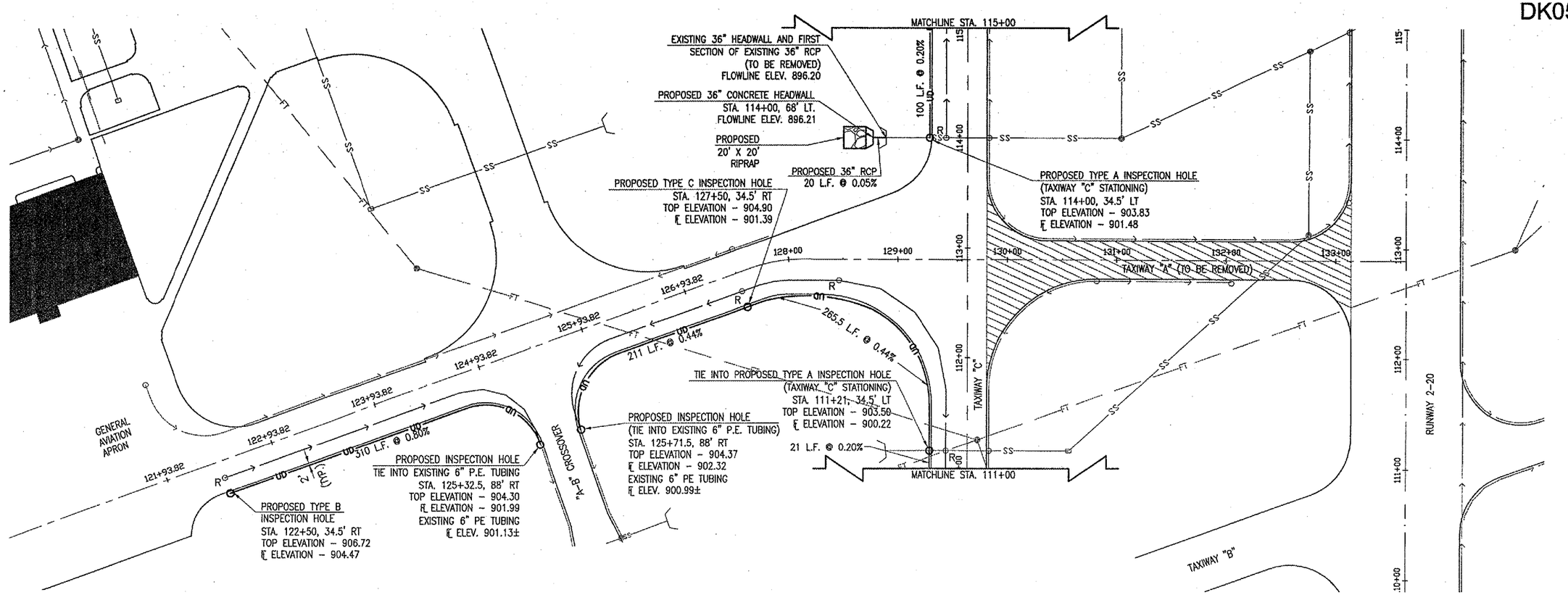


UNDERDRAIN QUANTITIES (THIS SHEET)

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
AR705410	POROUS BACKFILL	C.Y.	33
AR705524	4" PERFORATED UNDERDRAIN W/SOCK	L.F.	907.5
AR705630	UNDERDRAIN INSPECTION HOLE	EACH	6
AR705900	REMOVE UNDERDRAIN	L.F.	974
AR705903	REMOVE UNDERDRAIN INSP. HOLE	EACH	5

LEGEND

- EXISTING PAVEMENT
- EXISTING PAVEMENT (TO BE REMOVED)
- EXISTING BUILDING
- SS — EXISTING STORM SEWER
- FT — EXISTING FIELD TILE
- EXISTING UNDERDRAIN
- EXISTING UNDERDRAIN (TO BE REMOVED)
- UD — PROPOSED UNDERDRAIN
- EXISTING INSPECTION HOLE
- R — EXISTING INSPECTION HOLE (TO BE REMOVED)
- EXISTING INLET
- EXISTING MANHOLE
- EXISTING HEADWALL
- PROPOSED HEADWALL
- PROPOSED INSPECTION HOLE

0' 25' 50' 100'
SCALE: 1"= 50'

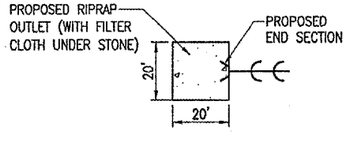
156540-RIPRAP NOTES:

THE PROPOSED RIPRAP SHALL BE PLACED IN ACCORDANCE WITH ITEM AR156540 "RIPRAP" AS STATED ON PAGE 182 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THE PROPOSED RIPRAP WILL BE GRADATION NO. 4 AND PLACED TO THE DIMENSIONS AS SHOWN ON THIS SHEET AND IN ACCORDANCE WITH THE SPECIAL PROVISIONS.

A FILTER FABRIC WILL BE REQUIRED UNDER THE STONE RIPRAP. THE FILTER FABRIC MATERIAL WILL BE IN ACCORDANCE WITH THE REQUIREMENTS AS STATED ON PAGE 183 FOR A GRADATION 4 & 5 RIPRAP STONE. THE FILTER FABRIC WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE RIPRAP AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE PROPOSED RIPRAP WILL BE PAID FOR UNDER ITEM:
AR156544 RIPRAP-GRADATION NO. 4 ____ 44 S.Y.



RIPRAP DETAIL
"NOT TO SCALE"

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CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 1-800-892-0123.

HEADWALL REMOVAL NOTE

THE CONTRACTOR WILL REMOVE AND DISPOSE OFFSITE THE EXISTING HEADWALL AND CORRESPONDING FIRST SECTION OF EXISTING RCP. THE REMOVAL AND DISPOSAL OF THE HEADWALL, RIPRAP AND THE FIRST SECTION OF RCP WILL BE PAID FOR UNDER ITEM: AR752903 "REMOVE HEADWALL" AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

REMOVE UNDERDRAIN INSPECTION HOLE NOTE

THE EXISTING UNDERDRAIN INSPECTION HOLES, AS INDICATED, THAT INTERFERE WITH THE PROPOSED PAVEMENT EXPANSION WILL BE REMOVED. CARE SHOULD BE TAKEN NOT TO DAMAGE THE EXISTING UNDERDRAIN (TO BE REUSED) WHEN REMOVING THESE INSPECTION HOLES.

SOME OF THESE INSPECTION HOLES ARE CONNECTED TO REINFORCED CONCRETE PIPE (RCP). THE CONTRACTOR WILL EXCAVATE AROUND THESE STRUCTURES TO THE TOP OF THE RCP AND CAREFULLY REMOVE THE INSPECTION HOLE. THE RESULTING HOLE WILL BE PLUGGED AS DETAILED OR IN A MANNER SATISFACTORY TO THE RESIDENT ENGINEER TO PROVIDE A LEAK PROOF REPAIR. THE CONTRACTOR WILL USE SELECT BACKFILL MATERIAL AND COMPACTED IN LIFTS TO THE SATISFACTION OF THE RESIDENT ENGINEER.

THIS WORK WILL BE PAID FOR UNDER AR705903 "REMOVE UNDERDRAIN INSP. HOLE" AT THE CONTRACT UNIT PRICE BID PER EACH INSPECTION HOLE REMOVED. THIS PRICE WILL CONSTITUTE FULL COMPENSATION FOR THE REMOVAL AND DISPOSAL OF THE INSPECTION HOLES, PLUGGING OF THE RCP, AND EXCAVATING AND BACKFILLING FOR THE INSPECTION HOLE REMOVAL.

BY	REVISION	DATE

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT
IL. PROJ.: DKB-3448 AIP PROJ.: 3-17-0139-842

LAYOUT	KDM	3/2/05
DRAWN	KDM	3/2/05
REVIEWED	CAH	2/22/06

MPS Project No. 80305TXYAD 0800
Filename R-131DRN.DWG
Scale SCALE 1"=50'
Date 3/02/05

HANSON
Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

WIDEN TAXIWAYS A & C FROM 35' TO 50'
PROPOSED DRAINAGE PLAN
STA. 111+00 TO STA. 115+00

146
146 of 224 sheets
FINAL

APR 10, 2006 1:06 PM BAK
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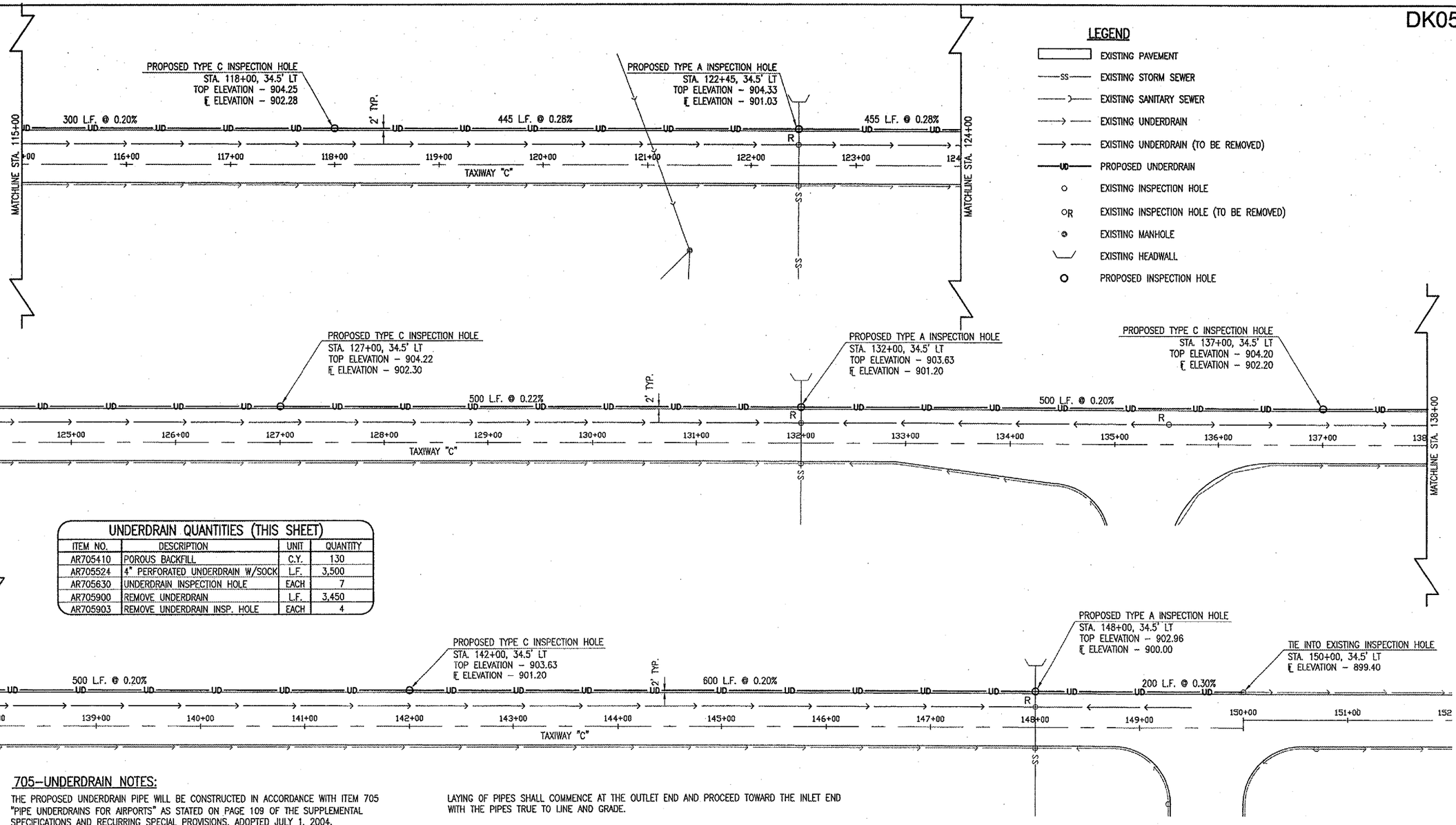
DK050



UNDERDRAIN QUANTITIES (THIS SHEET)

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
AR705410	POROUS BACKFILL	C.Y.	130
AR705524	4" PERFORATED UNDERDRAIN W/SOCK	L.F.	3,500
AR705630	UNDERDRAIN INSPECTION HOLE	EACH	7
AR705900	REMOVE UNDERDRAIN	L.F.	3,450
AR705903	REMOVE UNDERDRAIN INSP. HOLE	EACH	4

705–UNDERDRAIN NOTES:

THE PROPOSED UNDERDRAIN PIPE WILL BE CONSTRUCTED IN ACCORDANCE WITH ITEM 705 "PIPE UNDERDRAINS FOR AIRPORTS" AS STATED ON PAGE 109 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THIS ITEM OF WORK SHALL CONSIST OF FURNISHING AND INSTALLING 4" P.E. TUBING (WRAPPED) AND UNDERDRAIN INSPECTION HOLES AT THE LOCATIONS AND TO THE GRADES SHOWN ON THE CONSTRUCTION PLANS.

705–3.3 LAYING AND INSTALLING PIPE. REVISE THIS SECTION AS FOLLOWS:

"PIPE DRAINS SHALL BE INSTALLED AT THE LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. WHERE TRENCHING IS REQUIRED, THE TRENCH SHALL HAVE A WIDTH OF NOT LESS 8 IN. THE BOTTOM OF THE TRENCH SHALL BE COMPACTED IN A MANNER MEETING THE APPROVAL OF THE ENGINEER.

JOINTS AND FITTINGS MAY BE ASSEMBLED WITHOUT GASKETS OR SOLVENT CEMENT IF THE JOINT IS SAND TIGHT AND THE SPIGOT ENTERS THE SOCKET NOT LESS THAN 1/3 OF THE SOCKET DEPTH FOR SOLVENT CEMENT JOINTS AND FULL–DEPTH FOR ELASTOMERIC GASKET JOINTS.

NO PIPE SHALL BE PLACED IN THE TRENCH UNTIL IT AND THE PREPARED FOUNDATION HAVE BEEN APPROVED BY THE RESIDENT ENGINEER. THE PIPE SHALL BE LAID SO THAT THE FLOWLINE WILL BE AT THE GRADE SHOWN ON THE PLANS OR ESTABLISHED BY THE RESIDENT ENGINEER. THE PERMISSIBLE MINIMUM COVER OVER A PIPE SHALL BE 6 IN.

LAYING OF PIPES SHALL COMMENCE AT THE OUTLET END AND PROCEED TOWARD THE INLET END WITH THE PIPES TRUE TO LINE AND GRADE.

THE ENDS OF THE PIPE SHALL BE CAREFULLY CLEANED BEFORE THEY ARE PLACED, AND SHALL BE PLACED TO AVOID UNNECESSARY HANDLING ON THE FOUNDATION. AS EACH LENGTH OF PIPE IS LAID, THE ENDS OF THE PIPE SHALL BE PROTECTED TO PREVENT THE ENTRANCE OF ANY MATERIAL.

LONGITUDINAL LAPS SHALL BE PLACED AT THE SIDES AND SEPARATE SECTIONS OF PIPE SHALL BE JOINED WITH TIGHTLY–DRAWN, APPROVED CONNECTING BANDS.

THE TRENCH SHALL BE BACKFILLED WITH POROUS BACKFILL AND COMPACTED TO THE SATISFACTION OF THE RESIDENT ENGINEER.

THE PROPOSED UNDERDRAIN PIPE WILL BE PAID FOR UNDER ITEMS:
AR705410 POROUS BACKFILL _____ 197 C.Y.
AR705524 4" PERFORATED UNDERDRAIN W/SOCK____ 5,307 L.F.
AR705530 UNDERDRAIN INSPECTION HOLE_____ 14 EACH

THE LOCATION, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 1–800–892–0123.

0' 25' 50' 100'
SCALE: 1"= 50'

APR 10, 2006 1:12 PM BAK
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DATE	REVISION	BY

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT
AIP PROJ.: 3-17-0139-B42
IL PROJ.: DKB-3448

HES Project No. 803057XYAD 0800
Filename R-131DRN.DWG
Scale SCALE 1"=50'
Date 3/02/05

LAYOUT	KDM	3/2/05
DRAWN	KDM	3/2/05
REVIEWED	CAH	2/22/06

HANSON
Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2898
Offices Nationwide

WIDEN TAXIWAYS A & C
FROM 35' TO 50'
PROPOSED
DRAINAGE PLAN
STA. 115+00 TO STA. 150+00

147
147 of 224 sheets
FINAL

DK050

LEGEND

- EXISTING PAVEMENT
- EXISTING NO. 8, 5 KV. 1/C., TYPE C CABLE IN U.D.
- EXISTING RUNWAY END 02 REIL CABLE
- EXISTING RUNWAY END 02 PAPI CABLE
- EXISTING CONCRETE ENCASED DUCT
- EXISTING STAKE MOUNTED RUNWAY LIGHT
- EXISTING BASE MOUNTED RUNWAY LIGHT
- EXISTING STAKE MOUNTED RUNWAY THRESHOLD LIGHT
- EXISTING STAKE MOUNTED TAXIWAY LIGHT
- EXISTING BASE MOUNTED TAXIWAY LIGHT
- EXISTING TAXI GUIDANCE SIGN

TAXIWAY "C"

RUNWAY 9-27

TAXIWAY "B"

RUNWAY 2-20

MATCHLINE STA. 111+00

100+00 101+00 102+00 103+00 104+00 105+00 106+00 107+00 108+00 109+00 110+00 111+00

125+00 126+00 127+00 128+00 129+00 130+00 131+00 132+00 133+00

1+00 2+00 3+00 4+00

0' 25' 50' 100'

SCALE: 1"= 50'

APR 10, 2006 1:16 PM BAK
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BY	REVISION	DATE

DTMA

DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 AIP PROJ.: 3-17-0139-B42

MPS Project No. 803051XYA0 0800
Filename R-142ELE.DWG
Scale 1" = 50'
Date 01/05/05

LAYOUT	JMB	01/05/05
DRAWN	JMB	01/05/05
REVIEWED	CAH	02/22/06

HANSON

Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

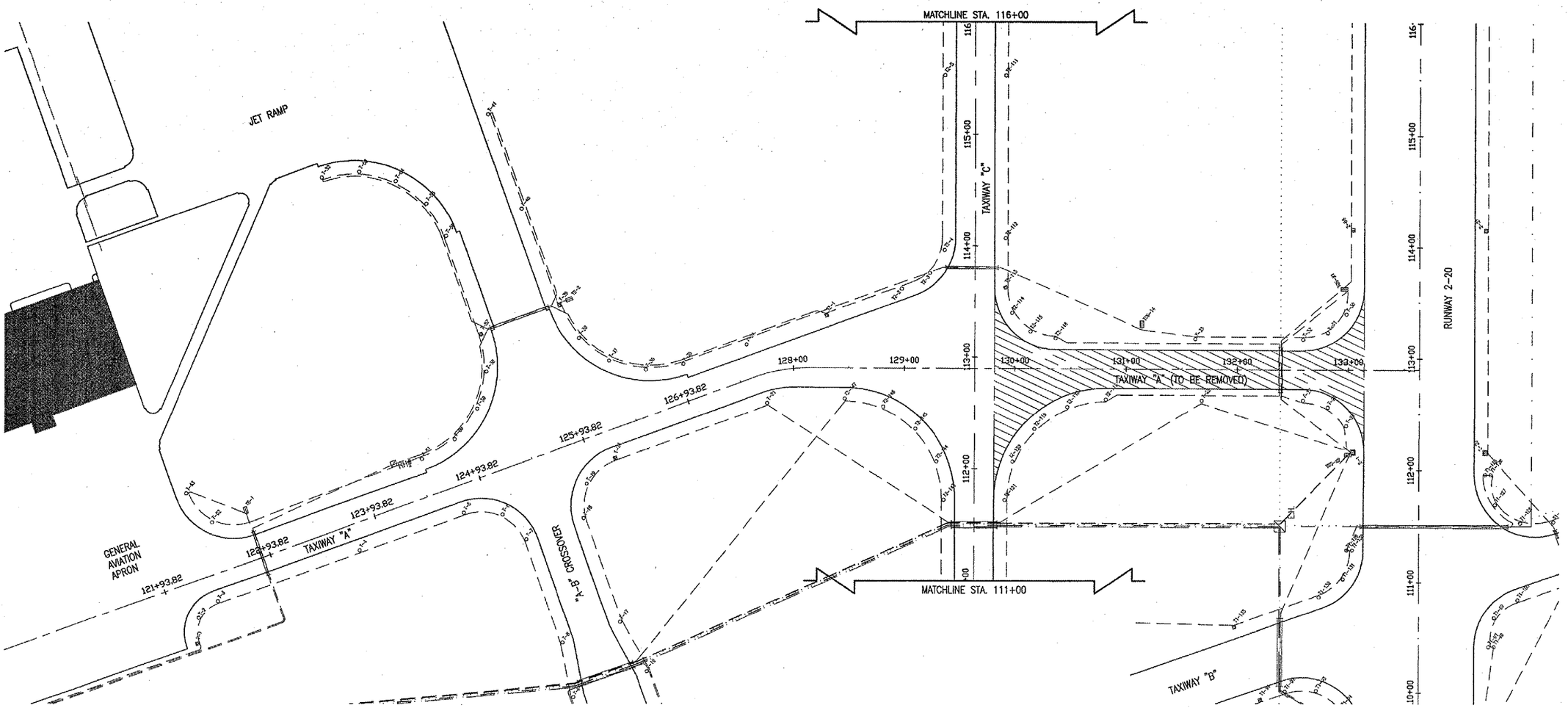
WIDEN TAXIWAYS A & C
FROM 35' TO 50'

EXISTING
ELECTRICAL PLAN
STA. 100+00 TO STA. 111+00

148

148 of 224 sheets

DK050



LEGEND

- EXISTING PAVEMENT
- EXISTING BUILDING
- EXISTING NO. 8, 5 KV. 1/C., TYPE C CABLE IN U.D.
- EXISTING RUNWAY END 02 REIL CABLE
- EXISTING RUNWAY END 02 PAPI CABLE
- EXISTING CONCRETE ENCASED DUCT
- EXISTING STAKE MOUNTED RUNWAY LIGHT
- EXISTING BASE MOUNTED RUNWAY LIGHT
- EXISTING STAKE MOUNTED TAXIWAY LIGHT
- EXISTING BASE MOUNTED TAXIWAY LIGHT
- EXISTING TAXI GUIDANCE SIGN

0' 25' 50' 100'
SCALE: 1"= 50'

DATE	REVISION	BY

DTMA

DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 AIP PROJ.: 3-17-0139-B42

HPS Project No.: 803051XYA0 0800
Filename: R-142ELE.DWG
Scale: 1" = 50'
Date: 01/05/05

LAYOUT	JMB	01/05/05
DRAWN	JMB	01/05/05
REVIEWED	CAH	02/22/06

HANSON

Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2866
Offices Nationwide

WIDEN TAXIWAYS A & C FROM 35' TO 50'

EXISTING ELECTRICAL PLAN STA. 111+00 TO STA. 116+00

149
149 of 224 sheets

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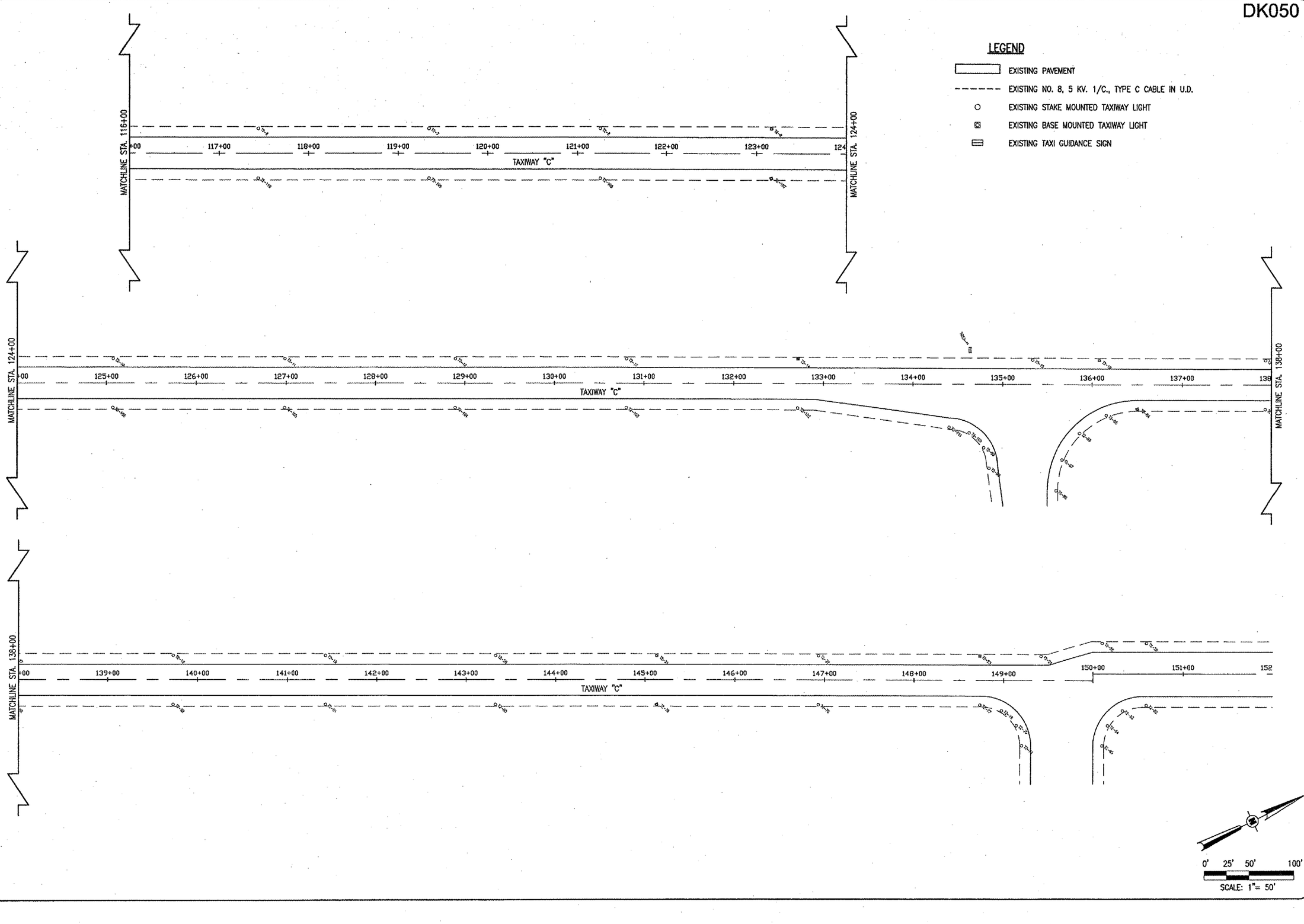

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DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 AIP PROJ.: 3-17-0139-B42

DATE	REVISION	BY

IDS Project No. 80305TXYAD 0800
Filename R-142ELE.DWG
Scale 1" = 50'
Date 01/05/05

LAYOUT	JMB	01/05/05
DRAWN	JMB	01/05/05
REVIEWED	CAH	02/22/06

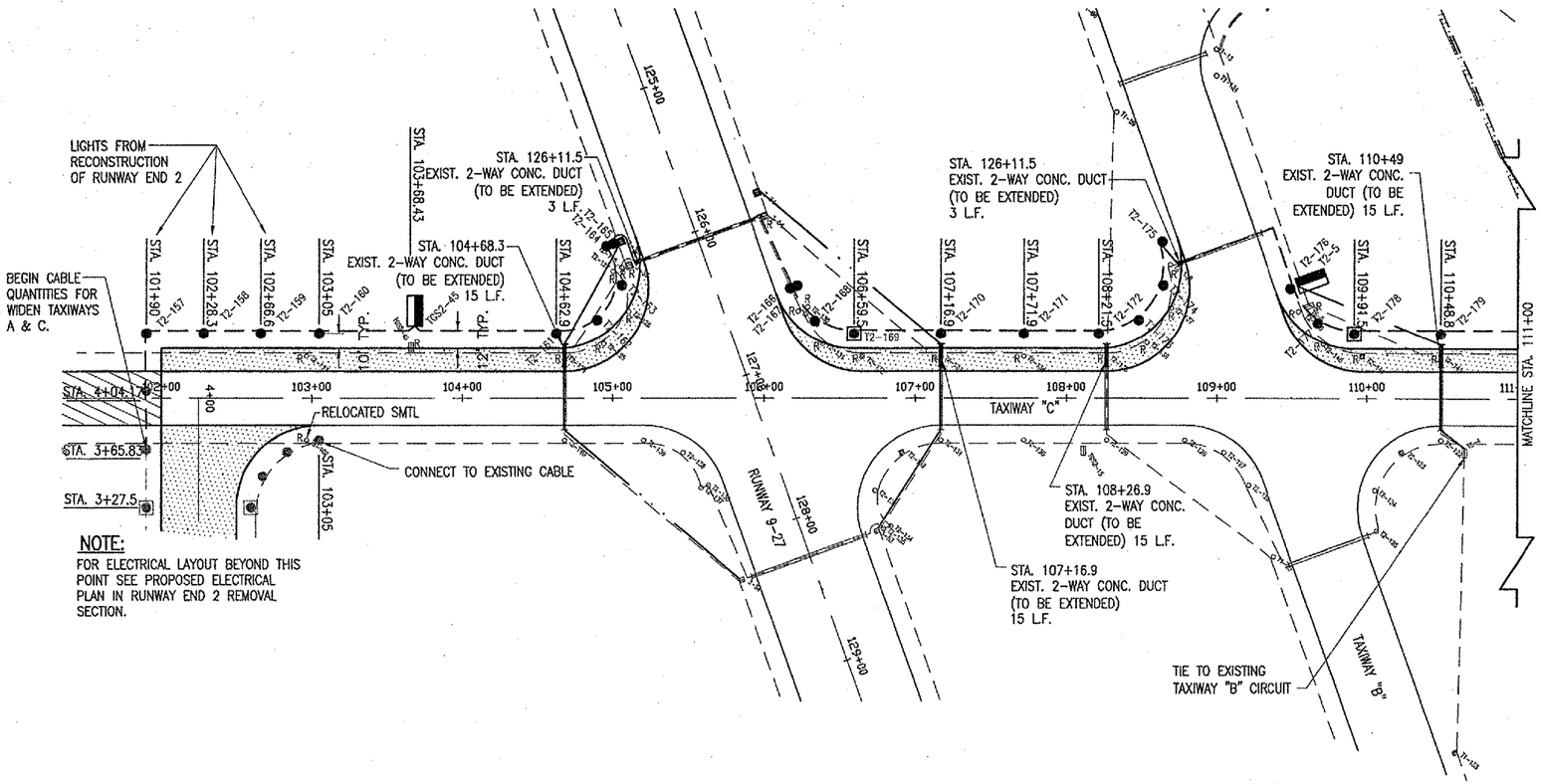
HANSON
Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2888
Offices Nationwide

WIDEN TAXIWAYS A & C
FROM 35' TO 50'

EXISTING
ELECTRICAL PLAN
STA. 116+00 TO STA. 152+00

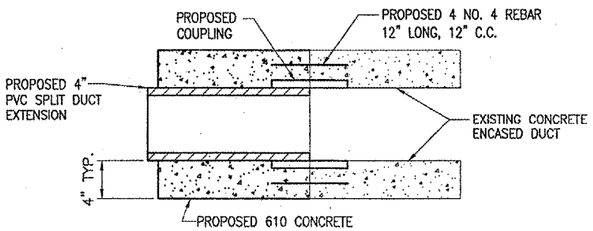
150
150 of 224 sheets

DK050



LEGEND

- EXISTING PAVEMENT
- EXISTING PAVEMENT (TO BE REMOVED)
- PROPOSED PAVEMENT
- EXISTING NO. 8, 5 KV. 1/C., TYPE C CABLE IN UNIT DUCT
- PROPOSED NO. 8, 5 KV. 1/C., TYPE C CABLE IN UNIT DUCT (TAXIWAY C CIRCUIT)
- PROPOSED NO. 8, 5 KV. 1/C., TYPE C CABLE IN UNIT DUCT (TAXIWAY B CIRCUIT)
- PROPOSED NO. 8, 5 KV. 1/C., TYPE C CABLE IN UNIT DUCT (RUNWAY 9-27 CIRCUIT)
- EXISTING CONCRETE ENCASED DUCT
- PROPOSED CONCRETE ENCASED DUCT EXTENSION
- EXISTING STAKE MOUNTED RUNWAY LIGHT
- EXISTING BASE MOUNTED RUNWAY LIGHT (TO BE RELOCATED)
- RELOCATED BASE MOUNTED RUNWAY LIGHT
- EXISTING STAKE MOUNTED TAXIWAY LIGHT
- EXISTING STAKE MOUNTED TAXIWAY LIGHT (TO BE RELOCATED)
- EXISTING BASE MOUNTED TAXIWAY LIGHT
- EXISTING BASE MOUNTED TAXIWAY LIGHT (TO BE RELOCATED)
- RELOCATED STAKE MOUNTED TAXIWAY LIGHT
- RELOCATED BASE MOUNTED TAXIWAY LIGHT
- EXISTING GUIDANCE SIGN (TO BE RELOCATED)
- RELOCATED GUIDANCE SIGN



PROPOSED DUCT EXTENSION DETAIL

NOT TO SCALE

DUCT EXTENSION NOTES

THE EXISTING CONCRETE ENCASED DUCTS SHOWN ON THIS SHEET WILL BE EXTENDED TO A MINIMUM OF 3' FROM THE PROPOSED PAVEMENT EDGE.

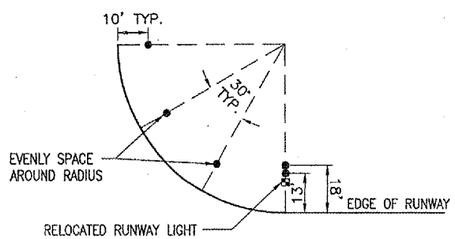
THE EXISTING CABLE INSIDE THE DUCTS SHALL REMAIN IN PLACE DURING THE EXTENSION. IF REMOVAL OF CABLES IS NECCESSARY TO COMPLETE THE WORK. THE CIRCUIT WILL BE OUT OF SERVICE DURING DAYLIGHT HOURS ONLY.

THE CONTRACTOR WILL USE 4" SPLIT PVC DUCT TO EXTEND THE EXISTING DUCTS.

THE CONTRACTOR WILL ENCASE THE DUCTS WITH CONCRETE AFTER THEY HAVE BEEN EXTENDED.

THE DUCT EXTENSION WILL BE PAID FOR UNDER THE FOLLOWING ITEM:

AR110552 "EXTEND 2-WAY DUCT"_____ 66 L.F.
AR110554 "EXTEND 4-WAY DUCT"_____ 30 L.F.



55' RADIUS LIGHTING DETAIL

"NOT TO SCALE"

THE LOCATION, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 1-800-892-0123.

0' 25' 50' 100'

SCALE: 1"= 50'

DATE | REVISION | BY

DITMAX

DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 AIP PROJ.: 3-17-0139-B42

LAYOUT	JMB	01/05/05
DRAWN	JMB	01/05/05
REVIEWED	CAH	02/22/06

IDS Project No. 803057XYAD 0800
Filename R-141ELE.DWG
Scale 1" = 50'
Date 01/05/05

HANSON

Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

WIDEN TAXIWAYS A & C FROM 35' TO 50'

PROPOSED ELECTRICAL PLAN

STA. 101+90 TO STA. 111+00

151

151 of 224 sheets

APR 10, 2006 1:45 PM BAK
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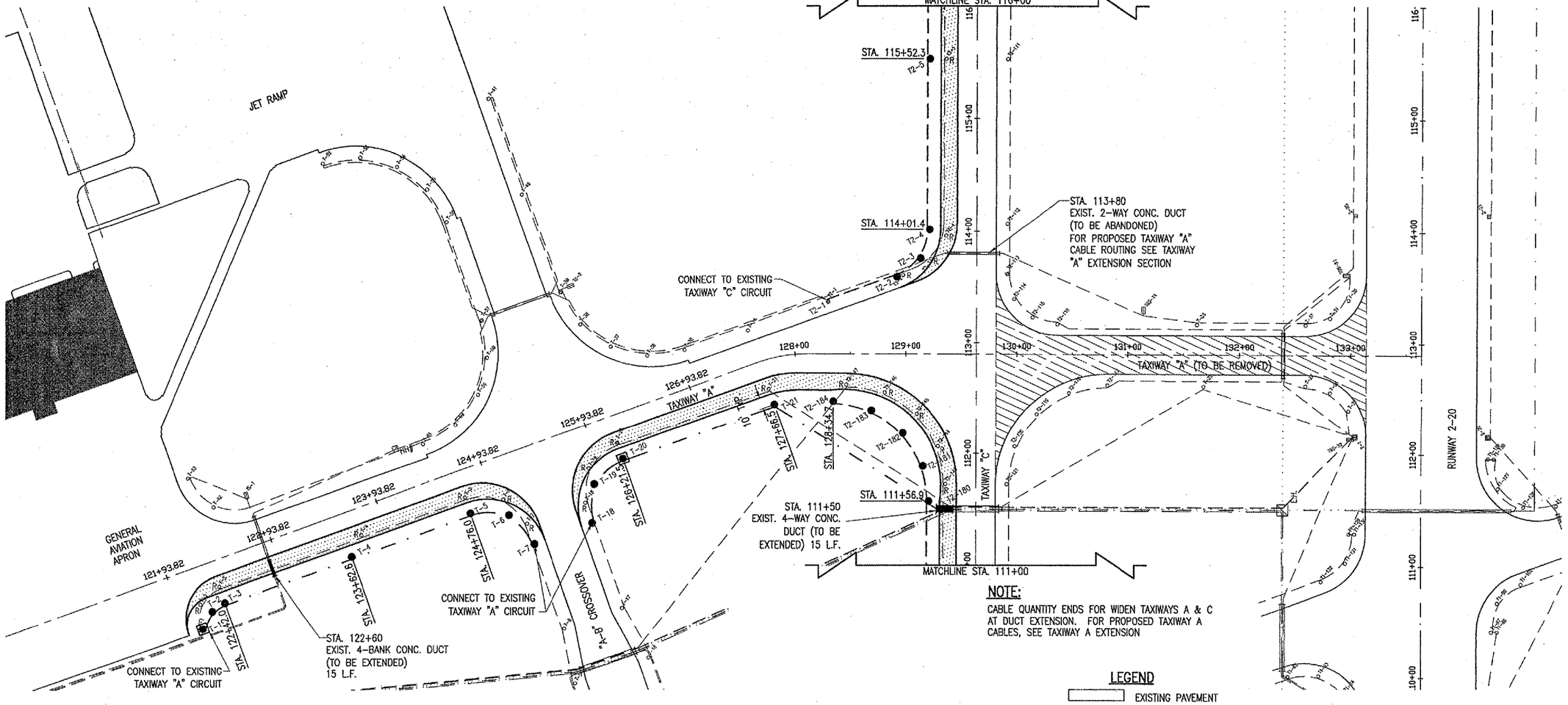

NOTE:

CABLE QUANTITY ENDS FOR WIDEN TAXIWAYS A & C AT DUCT EXTENSION. FOR PROPOSED TAXIWAY A CABLES, SEE TAXIWAY A EXTENSION

LEGEND

- EXISTING PAVEMENT
- EXISTING BUILDING
- PROPOSED PAVEMENT
- EXISTING NO. 8, 5 KV. 1/C., TYPE C CABLE IN UNIT DUCT
- PROPOSED NO. 8, 5 KV. 1/C., TYPE C CABLE IN UNIT DUCT (TAXIWAY C CIRCUIT)
- PROPOSED NO. 8, 5 KV. 1/C., TYPE C CABLE IN UNIT DUCT (TAXIWAY A CIRCUIT)
- EXISTING CONCRETE ENCASED DUCT
- PROPOSED CONCRETE ENCASED DUCT EXTENSION
- EXISTING STAKE MOUNTED RUNWAY LIGHT
- EXISTING BASE MOUNTED RUNWAY LIGHT (TO BE RELOCATED)
- EXISTING STAKE MOUNTED TAXIWAY LIGHT
- EXISTING STAKE MOUNTED TAXIWAY LIGHT (TO BE RELOCATED)
- EXISTING BASE MOUNTED TAXIWAY LIGHT
- EXISTING BASE MOUNTED TAXIWAY LIGHT (TO BE RELOCATED)
- RELOCATED STAKE MOUNTED TAXIWAY LIGHT
- RELOCATED BASE MOUNTED TAXIWAY LIGHT
- EXISTING GUIDANCE SIGN

0' 25' 50' 100'
SCALE: 1"= 50'

TAXI GUIDANCE SIGN NOTES

ALL PROPOSED/RELOCATED TAXI GUIDANCE SIGNS WILL BE LOCATED AS SHOWN ON THESE SHEETS.

ALL PROPOSED/RELOCATED TAXI GUIDANCE SIGNS WILL BE LOCATED SUCH THAT THE CLOSEST SIDE OF THE SIGN IS 15' FROM THE PAVEMENT EDGE.

THE PROPOSED/RELOCATED TAXI GUIDANCE SIGN WILL BE PAID FOR UNDER THE
FOLLOWING ITEMS:
AR125447 TAXI GUIDANCE SIGN, 7 CHARACTER_____1 EACH.
AR125964 *RELOCATE TAXI GUIDANCE SIGN_____3 EACH.

THE LOCATION, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 1-800-892-0123.

APR 10, 2006 1:48 PM BAK
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BY	REVISION	DATE

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 AIP PROJ.: 3-17-0139-B42

HPS Project No. 803057XYA0 0800
Filename R-141ELE.DWG
Scale 1" = 50'
Date 01/05/05

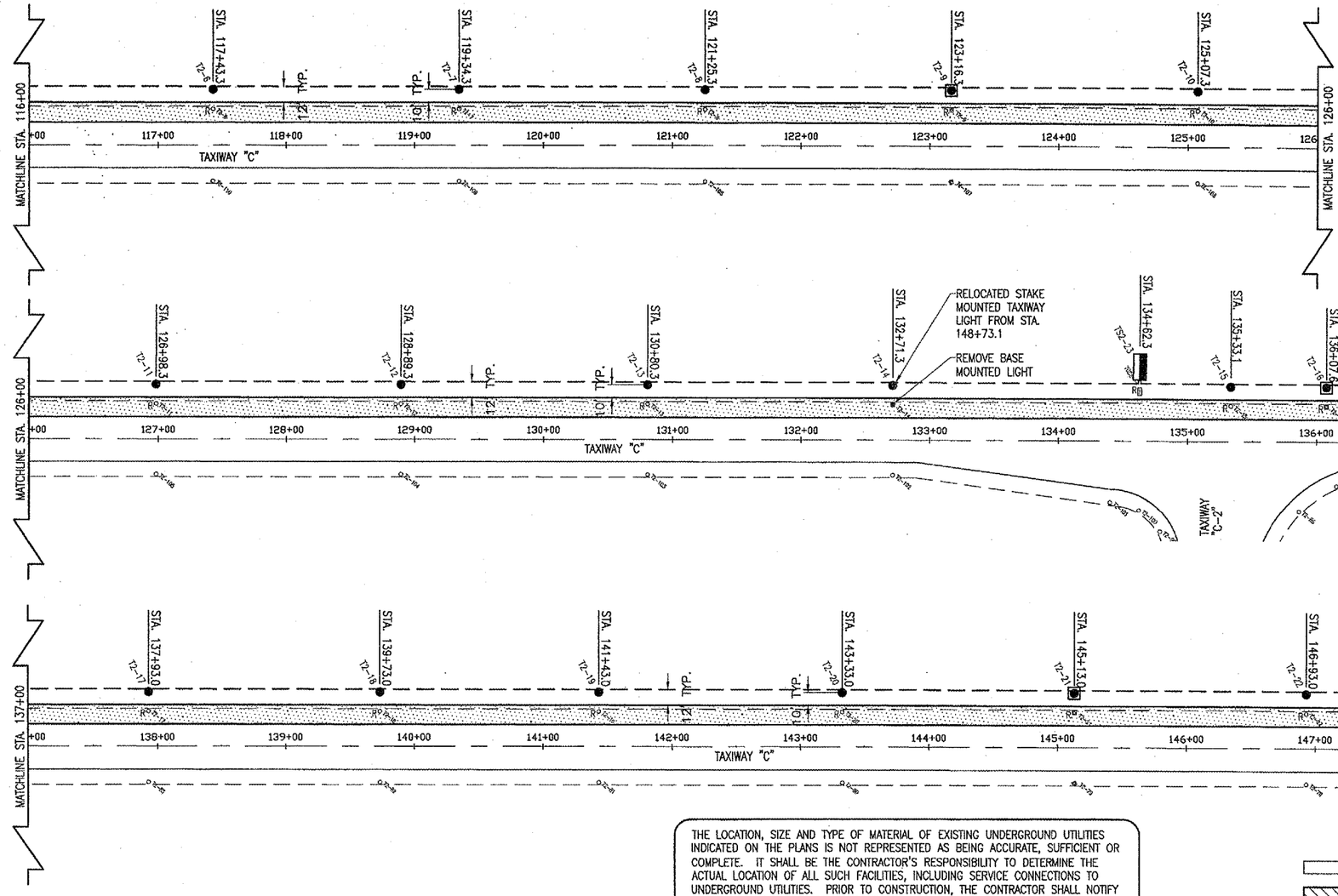
LAYOUT	JMB	01/05/05
DRAWN	JMB	01/05/05
REVIEWED	CAH	02/22/06

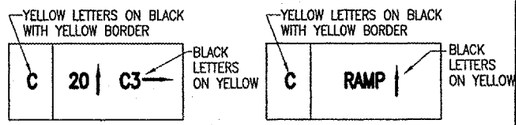
HANSON
Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

WIDEN TAXIWAYS A & C
FROM 35' TO 50'
PROPOSED
ELECTRICAL PLAN
STA. 111+00 TO STA. 116+00

152
152 of 224 sheets

DK050





TS2-26 TAXI GUIDANCE SIGN DETAIL

"NOT TO SCALE"

RELOCATED LIGHT NOTE

LIGHTS WILL BE REMOVED ONLY AFTER THAT TAXIWAY HAS BEEN CLOSED. THE CONTRACTOR WILL REMOVE THE EXISTING LIGHTS, STAKES/BASES AND TRANSFORMERS AND STORE THEM IN A SAFE LOCATION UNTIL THE LIGHTS ARE READY TO BE RELOCATED. THE LIGHT RELOCATION, EXCAVATION OF EXISTING CABLE AND ALL INCIDENTALS REQUIRED TO RELOCATE THE TAXIWAY LIGHTS WILL BE PAID FOR UNDER:

AR125961 "RELOCATE STAKE MOUNTED LIGHT"____ 55 EACH
AR125962 "RELOCATE BASE MOUNTED LIGHT"____ 7 EACH

THREE LIGHTS WILL BE RELOCATED FROM TAXIWAY "A" EXTENSION.

CABLING NOTES

ALL PROPOSED RUNWAY LIGHT AND TAXIWAY LIGHT CABLES WILL BE LOCATED 12 FT. FROM THE PAVEMENT EDGE UNLESS OTHERWISE STATED OR DIRECTED BY THE RESIDENT ENGINEER.

ALL PROPOSED CABLE WILL BE PLACED 18" BELOW PROPOSED GRADE.

THE PROPOSED RUNWAY LIGHT CABLE WILL BE NO. 8, 5000V., TYPE C, 1/C UNDERGROUND CABLE IN UNIT DUCT.

IN AREAS WHERE THERE IS A CONGESTION OF CABLES OR WHERE THE PROPOSED CABLE CROSSES AN EXISTING CABLE, THE PROPOSED CABLE WILL BE HAND DUG INTO PLACE. AT ALL OTHER LOCATIONS, THE PROPOSED CABLE IN UNIT DUCT MAY BE EITHER TRENCHED OR PLOWED INTO PLACE. THE TRENCHING AND/OR PLOWING WILL BE CONSIDERED INCIDENTAL TO THE PROPOSED CABLE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ALL EXISTING CABLES AS REPRESENTED WITHIN THESE CONSTRUCTION PLANS ARE APPROXIMATE AND FOR INFORMATIONAL PURPOSES ONLY. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND IDENTIFY THESE EXISTING CIRCUITS PRIOR TO ANY INSTALLATION OF THE PROPOSED CABLE. ANY DAMAGE TO THE EXISTING CIRCUITS SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE RESIDENT ENGINEER AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

EXISTING ELECTRICAL CABLES THAT ARE CALLED OUT TO BE REPLACED WILL BE ABANDONED IN PLACE UNLESS IT CONFLICTS WITH THE INSTALLATION OF A PROPOSED LIGHT OR CABLE, THEN IT WILL BE REMOVED AT NO ADDITIONAL COST TO THE CONTRACT.

THE CABLE WILL BE PAID FOR UNDER:
AR108158 "1/C #8 5KV UG CABLE IN UD" _____ 7,014 L.F.

THE LOCATION, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 1-800-892-0123.

LIGHTING NOTES

ALL PROPOSED RUNWAY AND TAXIWAY LIGHTS WILL BE PLACED 10' FROM THE PAVEMENT EDGE UNLESS SHOWN OTHERWISE.

ALL PROPOSED RUNWAY AND TAXIWAY LIGHTS WILL BE CONSTRUCTED AT THE LOCATIONS SHOWN AND IN ACCORDANCE WITH THE DETAILS, WITHIN THESE CONSTRUCTION PLANS AND SPECIFICATIONS.

ALL PROPOSED TAXIWAY LIGHTS AND GUIDANCE SIGNS WILL BE TAGGED IN ACCORDANCE WITH THE NUMBERS SHOWN WITHIN THESE CONSTRUCTION PLANS.

ALL PROPOSED TAXIWAY LIGHTS WILL HAVE 360 BLUE LENSES.

ANY DAMAGE TO ANY EXISTING LIGHTS TO BE RELOCATED OR TO REMAIN WILL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE RESIDENT ENGINEER AT THE CONTRACTOR'S OWN EXPENSE.

LEGEND

- EXISTING PAVEMENT
- EXISTING PAVEMENT (TO BE REMOVED)
- PROPOSED PAVEMENT
- EXISTING NO. 8, 5 KV. 1/C., TYPE C CABLE IN UNIT DUCT
- PROPOSED NO. 8, 5 KV. 1/C., TYPE C CABLE IN UNIT DUCT (TAXIWAY C CIRCUIT)
- EXISTING STAKE MOUNTED TAXIWAY LIGHT
- R EXISTING STAKE MOUNTED TAXIWAY LIGHT (TO BE RELOCATED)
- EXISTING BASE MOUNTED TAXIWAY LIGHT
- R EXISTING BASE MOUNTED TAXIWAY LIGHT (TO BE RELOCATED)
- EXISTING BASE MOUNTED TAXIWAY LIGHT (TO BE REMOVED)
- PROPOSED RELOCATED STAKE MOUNTED TAXIWAY LIGHT
- PROPOSED RELOCATED BASE MOUNTED TAXIWAY LIGHT
- R EXISTING STAKE GUIDANCE SIGN (TO BE RELOCATED)
- PROPOSED TAXIWAY GUIDANCE SIGN
- RELOCATED TAXIWAY GUIDANCE SIGN

0' 25' 50' 100'
SCALE: 1"= 50'

BY	REVISION	DATE

DITMAX
DEKALB TAYLOR MUNICIPAL AIRPORT
AIP PROJ.: 3-17-0139-B42
IL PROJ.: DKB-3448

WPS Project No. 80305TXYAD 0800			
Filename R-14.1ELE.DWG			
Scale 1" = 50'	LAYOUT	JMB	01/05/05
Date 01/05/05	DRAWN	JMB	01/05/05
	REVIEWED	CAH	03/06/06

HANSON
Hanson Professional Services Inc.
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Springfield, Illinois 62703-2886
Offices Nationwide

WIDEN TAXIWAYS A & C FROM 35' TO 50'

PROPOSED ELECTRICAL PLAN
STA. 116+00 TO STA. 150+00

153
153 of 224 sheets

APR 10, 2006 2:10 PM BAK
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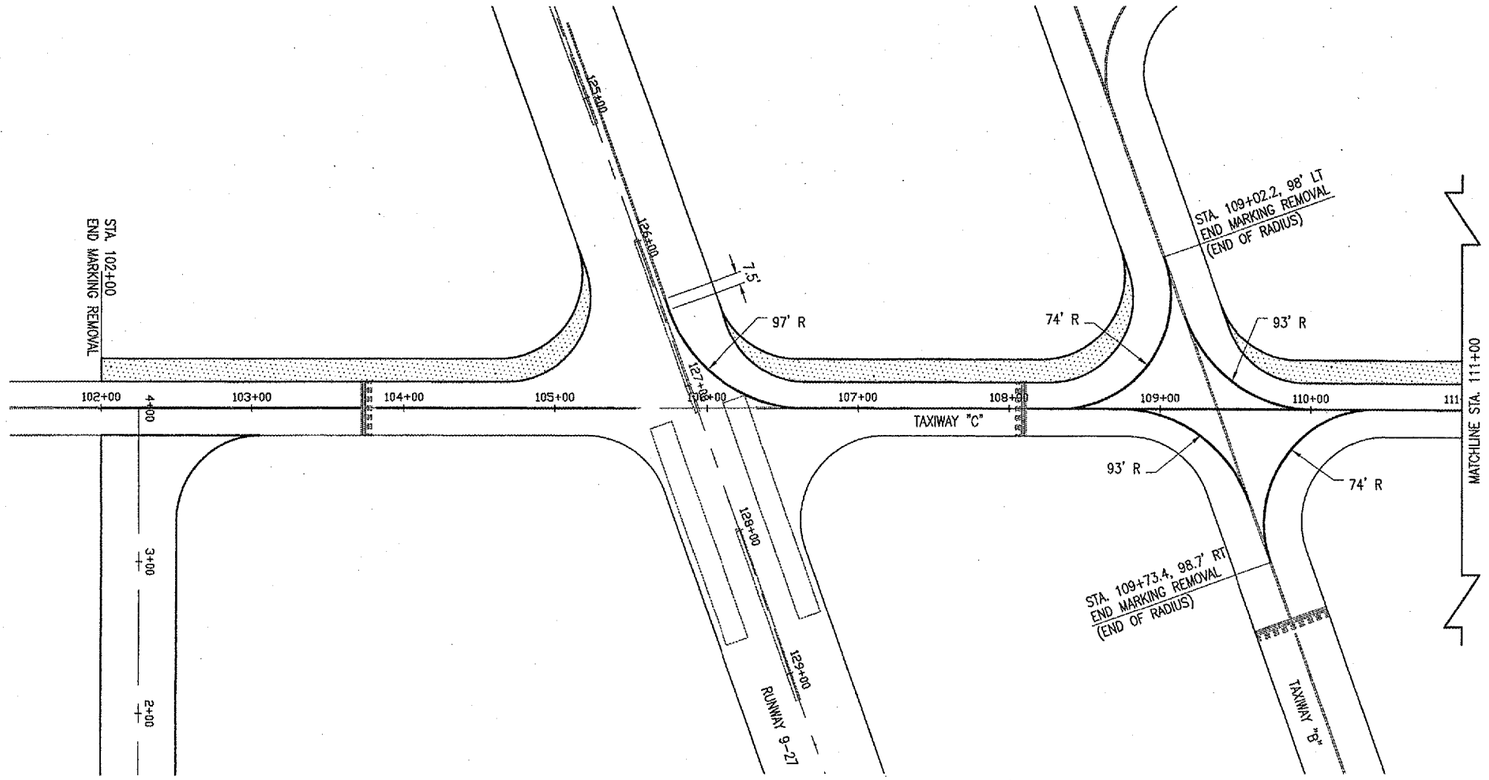
DK050



NOTE:

QUANTITY OF MARKING REMOVAL ON THIS SHEET – 1,382 S.F.

620900–PAVEMENT MARKING REMOVAL NOTES

THE EXISTING PAVEMENT MARKING SHALL BE REMOVED IN ACCORDANCE WITH ITEM 620 "PAVEMENT MARKING" AS STATED ON PAGE 77 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THE AREAS THAT ARE DESIGNATED FOR REMOVAL ARE SHOWN ON THE CONSTRUCTION PLANS.

ALL AREAS TO BE REMOVED ARE CALCULATED AREAS. ANY ADDITIONAL AREAS, DUE TO OVER SPRAY, SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE PROPOSED MARKING REMOVAL WILL BE PAID FOR UNDER ITEM:
AR620900 PAVEMENT MARKING REMOVAL ____ 8,029 S.F.

LEGEND

- EXISTING PAVEMENT
- EXISTING MARKING (TO BE REMOVED)
- EXISTING MARKING (TO REMAIN)
- PROPOSED PAVEMENT

0' 25' 50' 100'
SCALE: 1"= 50'

DATE	REVISION	BY

DTMAX

DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 AIP PROJ.: 3-17-0139-B42

IEPS Project No. 80305TXYAD 0800
Filename R-152MRK.DWG
Scale 1" = 50'
Date 01/05/05

LAYOUT	JMB	01/05/05
DRAWN	JMB	01/05/05
REVIEWED	CAH	02/22/06

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WIDEN TAXIWAYS A & C FROM 35' TO 50'

EXISTING MARKING REMOVAL PLAN
STA. 102+00 TO STA. 111+00

154
154 of 224 sheets

APR 10, 2008 2:25 PM BAK
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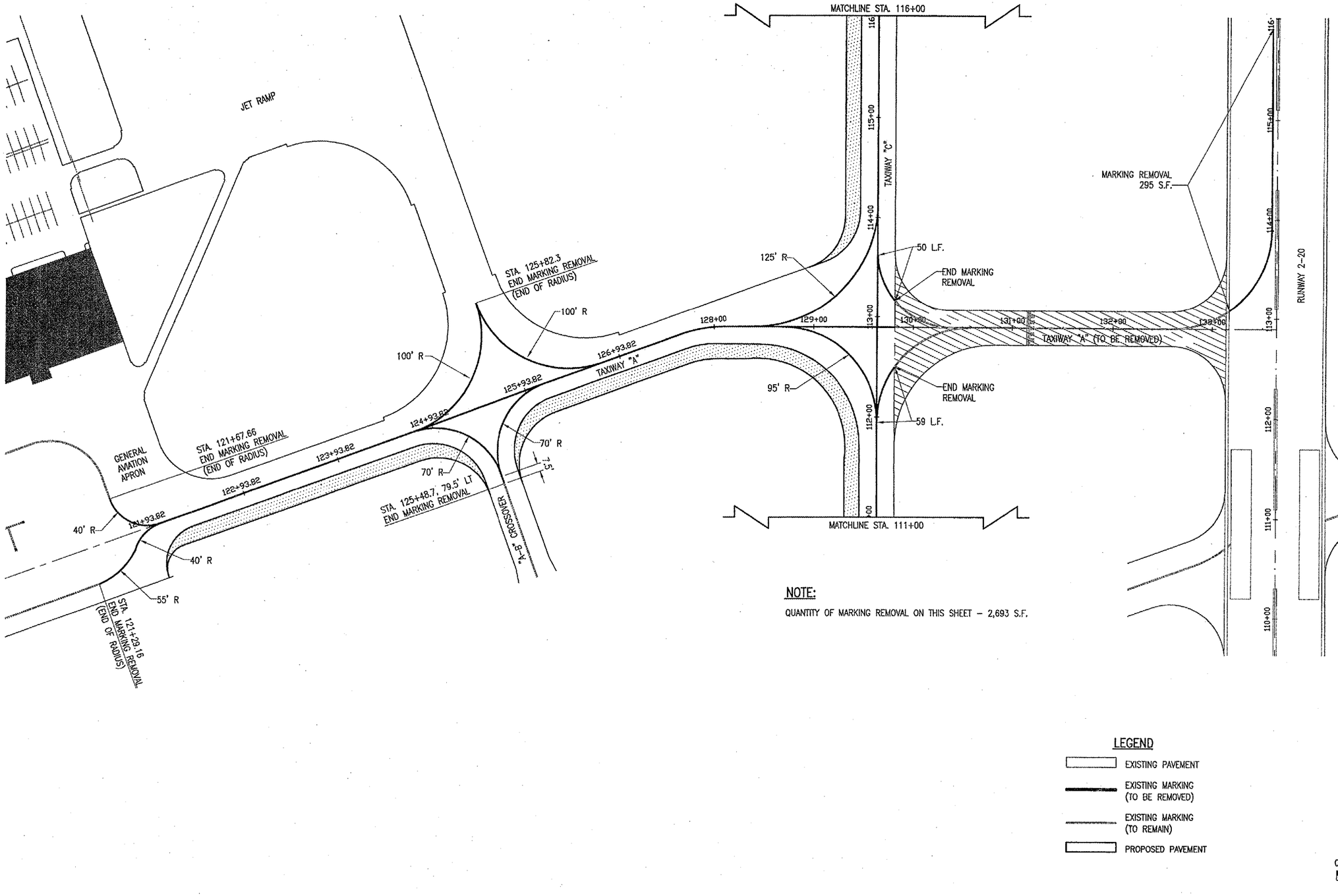

NOTE:

QUANTITY OF MARKING REMOVAL ON THIS SHEET – 2,693 S.F.

LEGEND

- EXISTING PAVEMENT
- EXISTING MARKING (TO BE REMOVED)
- EXISTING MARKING (TO REMAIN)
- PROPOSED PAVEMENT

0' 25' 50' 100'

SCALE: 1"= 50'

DATE	REVISION	BY

DTMA

DEKALB TAYLOR MUNICIPAL AIRPORT

IL PROJ.: DKB-3448 AIP PROJ.: 3-17-0139-B42

MS Project No.	803051XYAD 0800	
Filename	R-152MRK.DWG	
Scale	1" = 50'	
Date	01/05/05	
LAYOUT	JMB	01/05/05
DRAWN	JMB	01/05/05
REVIEWED	CAH	02/22/06

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WIDEN TAXIWAYS A & C
FROM 35' TO 50'

EXISTING
MARKING REMOVAL PLAN
STA. 111+00 TO STA. 116+00

155
155 of 224 sheets

APR 10, 2006 2:29 PM BAK
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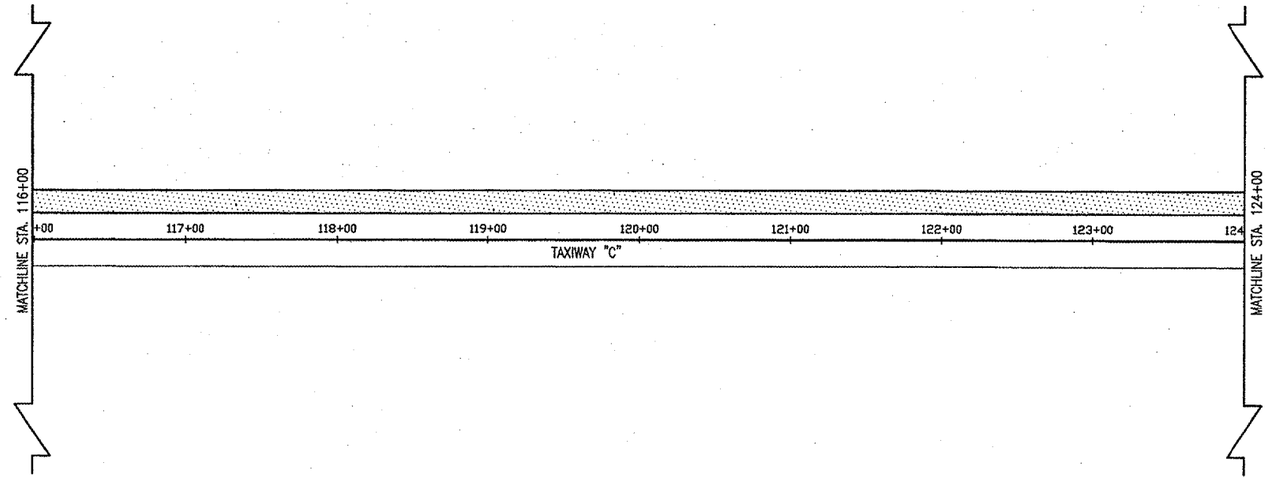
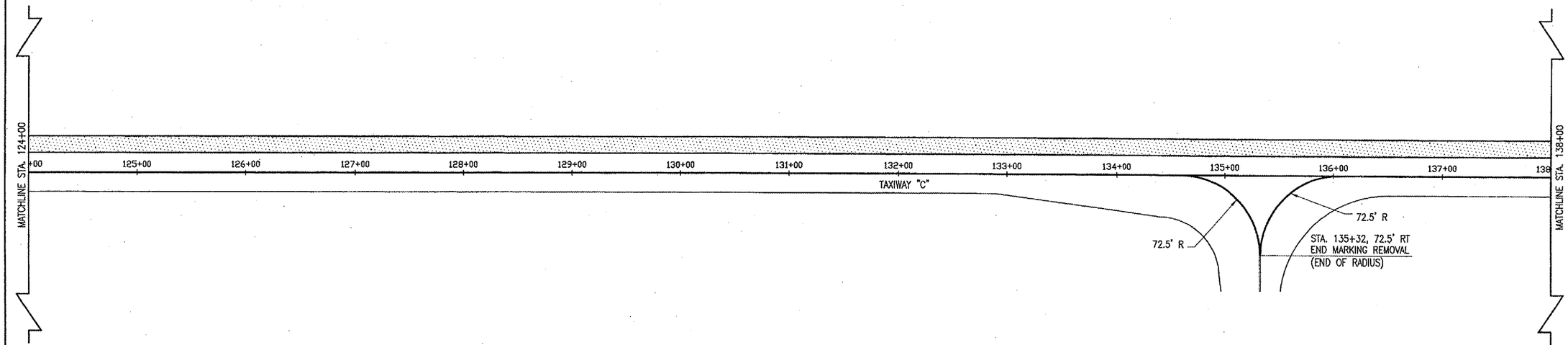


LEGEND

- EXISTING PAVEMENT
- EXISTING MARKING (TO BE REMOVED)
- EXISTING MARKING (TO REMAIN)
- PROPOSED PAVEMENT

0' 25' 50' 100'

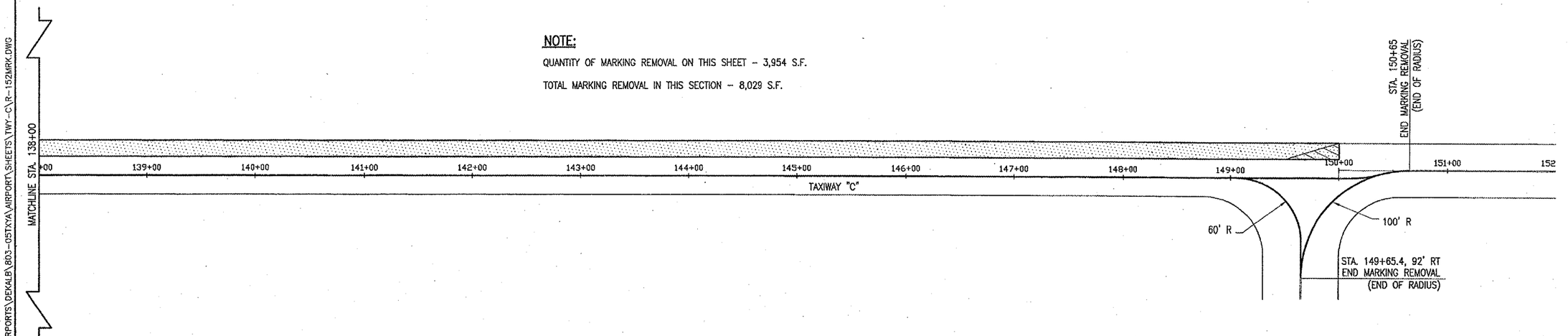
SCALE: 1"= 50'



NOTE:

QUANTITY OF MARKING REMOVAL ON THIS SHEET – 3,954 S.F.

TOTAL MARKING REMOVAL IN THIS SECTION – 8,029 S.F.



DATE	REVISION	BY

DTMA

DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 AIP PROJ.: 3-17-0139-842

HPS Project No. 80305TXYAD 0800
Filename R-152MRK.DWG
Scale 1" = 50'
Date 01/05/05

LAYOUT	JMB	01/05/05
DRAWN	JMB	01/05/05
REVIEWED	CAH	02/22/06

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WIDEN TAXIWAYS A & C
FROM 35' TO 50'

EXISTING
MARKING REMOVAL PLAN
STA. 116+00 TO STA. 152+00

156
156 of 224 sheets

APR 10, 2006 2:34 PM BAK
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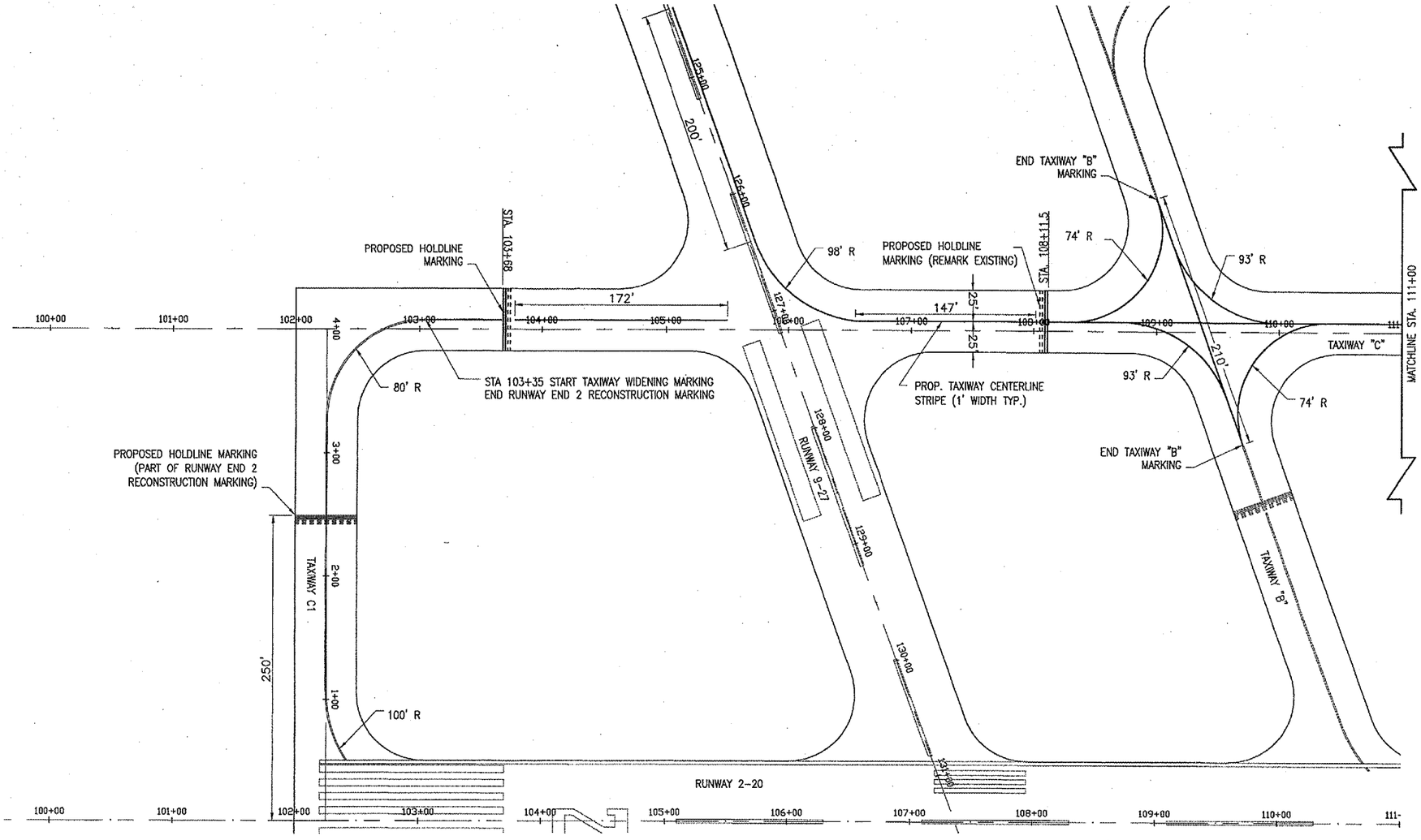
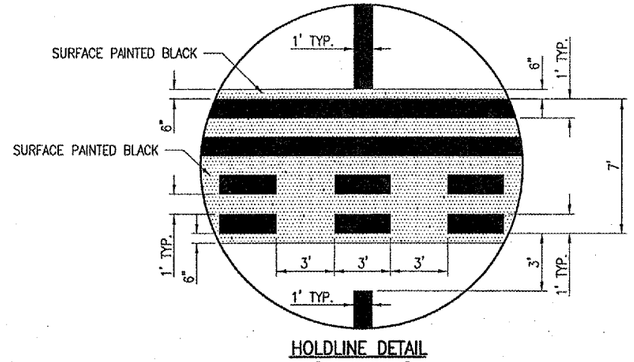


MARKING QUANTITIES ON THIS SHEET

YELLOW MARKING – 1,976 S.F.

BLACK MARKING – 500 S.F.



HOLDLINE DETAIL
"NOT TO SCALE"

MARKING NOTES (TAXIWAY "A" & "C" WIDENING)

THE TAXIWAY CENTERLINE STRIPES, HOLDING LINES, AND LEAD-INS WILL BE ONE (1') FOOT IN WIDTH, SOLID AND YELLOW IN COLOR. A 6" WIDE BLACK BORDER WILL BE REQUIRED AROUND ALL PROPOSED HOLDLINE MARKINGS.

ALL PROPOSED MARKING WILL BE LOCATED AS SHOWN ON THE PROPOSED MARKING PLAN. ALL PROPOSED MARKING WILL BE APPLIED WITH A REFLECTIVE MEDIA IN ACCORDANCE WITH THE SPECIFICATIONS. ALL PROPOSED MARKING WILL BE PAINTED WITH TWO APPLICATIONS.

ALL PROPOSED MARKING WILL HAVE THE REFLECTIVE MEDIA APPLIED ON THE SECOND APPLICATION. THE MARKING IN BLACK WILL NOT REQUIRE REFLECTIVE MEDIA.

ALL PROPOSED MARKING WILL BE PAID FOR UNDER ITEM:
AR620520 "PAVEMENT MARKING-WATERBORNE"_____PER SQ. FT.

THE TAXIWAY HOLD LINES SHALL BE AS SHOWN IN THE DETAIL ON THIS SHEET.

CUT-OFF SHEETS WILL BE REQUIRED TO INSURE STRAIGHT EDGES.

LEGEND

EXISTING PAVEMENT

PROPOSED MARKING

EXISTING MARKING

0' 25' 50' 100'

SCALE: 1"= 50'

DATE	REVISION	BY

DTMA

DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DK8-3448 AIP PROJ.: 3-17-0139-B42

IPS Project No. 80305TXYAD 0800
Filename R-151MRK.DWG
Scale 1" = 50'
Date 01/05/05

LAYOUT	JMB	01/05/05
DRAWN	JMB	01/05/05
REVIEWED	CAH	02/22/06

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WIDEN TAXIWAYS A & C FROM 35' TO 50'

PROPOSED MARKING PLAN STA. 100+00 TO STA. 111+00

157

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APR 10, 2006 2:38 PM BAK
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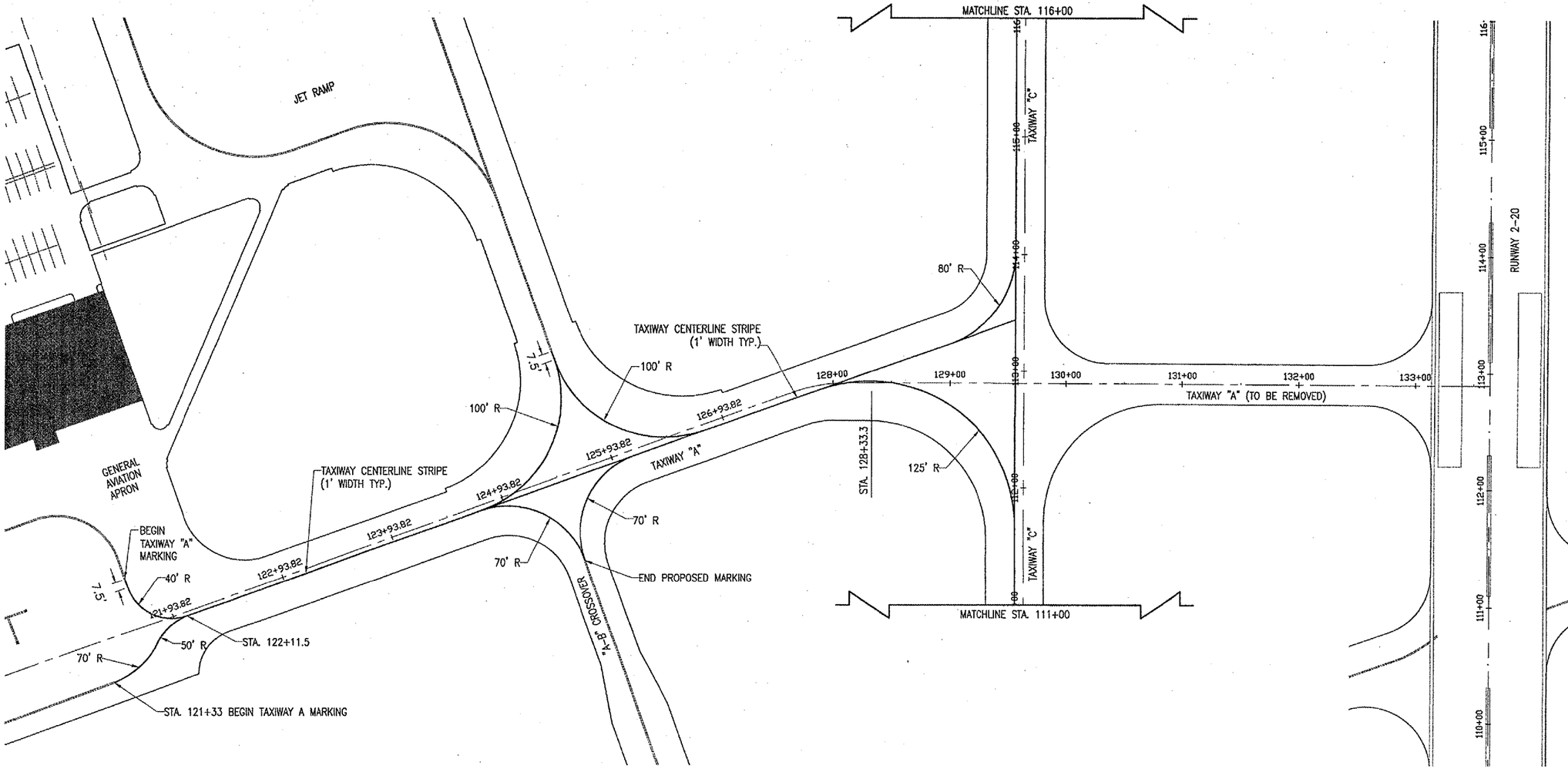

MARKING QUANTITIES ON THIS SHEET

YELLOW MARKING – 2,291 S.F.

LEGEND

- EXISTING PAVEMENT
- PROPOSED MARKING
- EXISTING MARKING

0' 25' 50' 100'

SCALE: 1"= 50'

DATE	REVISION	BY

DMAX

DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 AIP PROJ.: 3-17-0139-842

HPS Project No. 80305TXYAD 0800
Filename R-151MRK.DWG
Scale 1" = 50'
Date 01/05/05

LAYOUT	JMB	01/05/05
DRAWN	JMB	01/05/05
REVIEWED	CAH	02/22/06

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WIDEN TAXIWAYS A & C FROM 35' TO 50'

PROPOSED MARKING PLAN

STA. 111+00 TO STA. 116+00

158

158 of 224 sheets

APR 10, 2006 2:48 PM BAK
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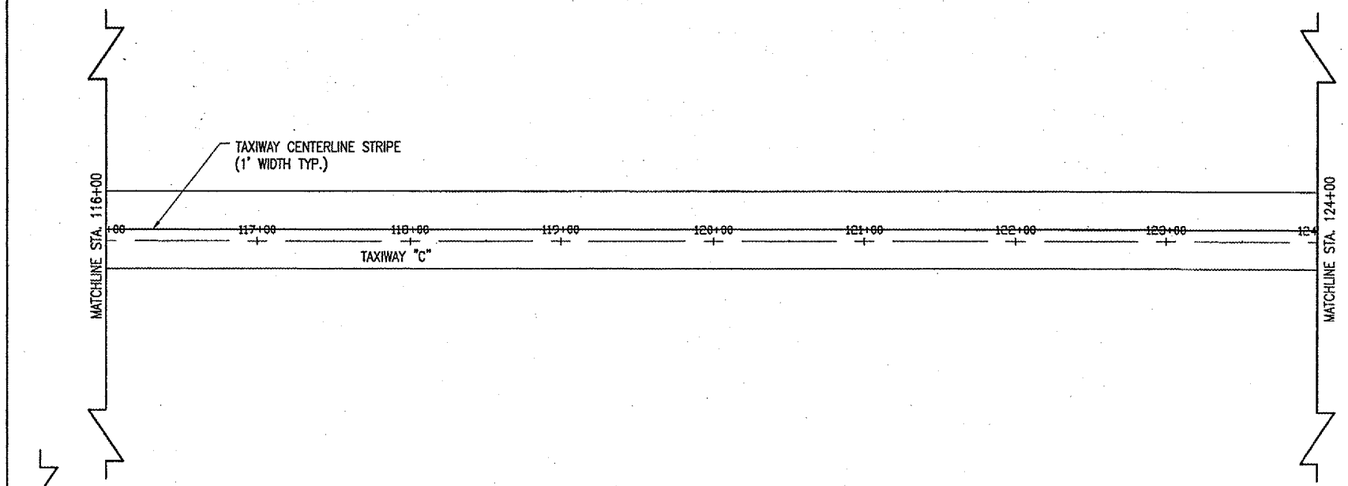
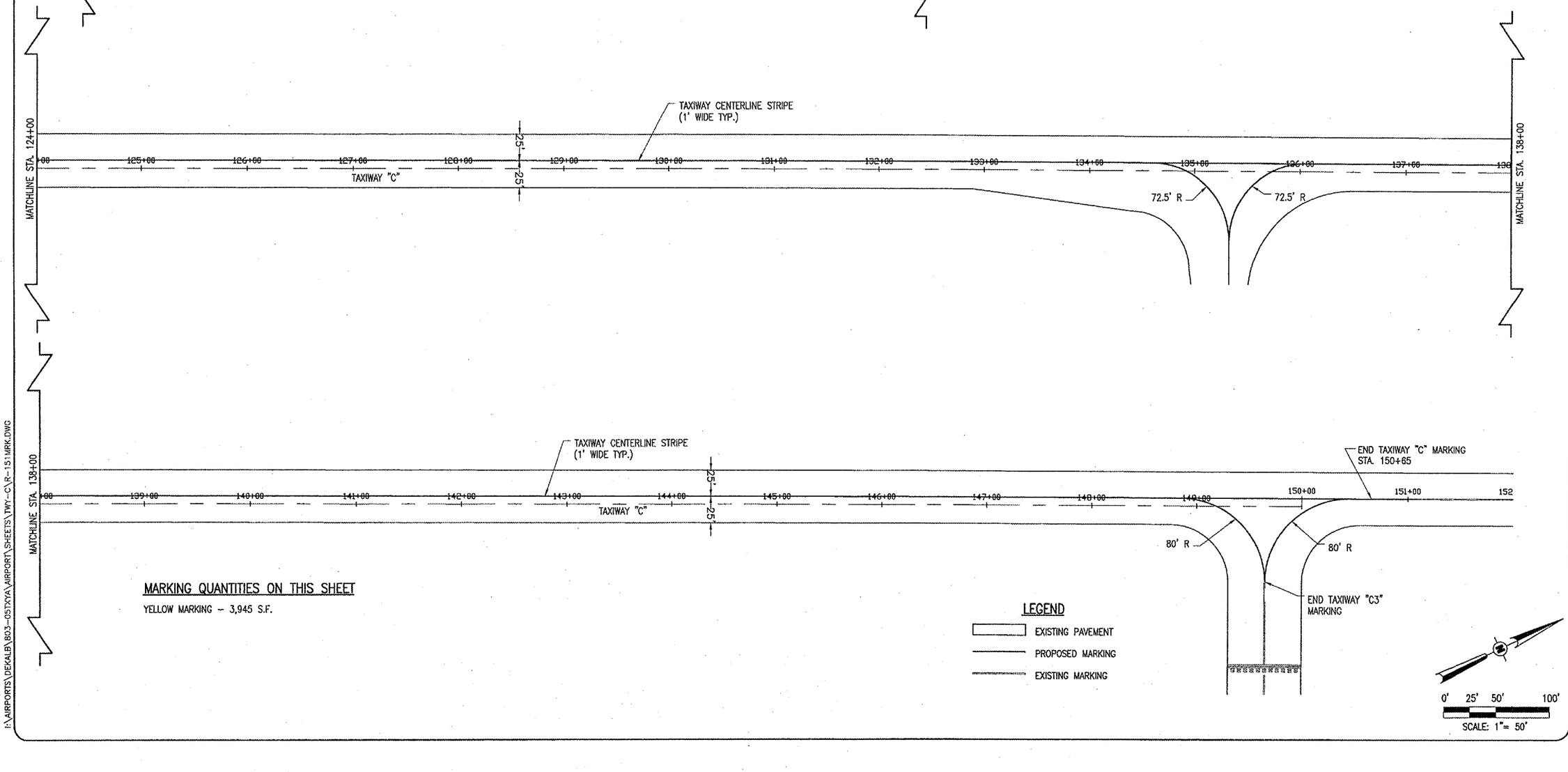


MARKING QUANTITIES (TAXIWAY WIDENING)

DESCRIPTION	UNIT AREA (YELLOW)	UNIT AREA (BLACK)	NO. REQUIRED	TOTAL AREA
TAXIWAY "C" CENTERLINE	6,121	0	1	6,121
TAXIWAY "A" CENTERLINE	1,791	0	1	1,791
HOLDLINE	150	250	2	800
TOTAL YELLOW MARKING	8,212			
TOTAL BLACK MARKING		500		
		TOTAL MARKING		8,712



MARKING QUANTITIES ON THIS SHEET

YELLOW MARKING – 3,945 S.F.

LEGEND

- EXISTING PAVEMENT
- PROPOSED MARKING
- EXISTING MARKING

0' 25' 50' 100'

SCALE: 1"= 50'

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DATE	REVISION	BY

DTMA

DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 AIP PROJ.: 3-17-0139-B42

HPS Project No. 80305TXYAD 0800
Filename R-151MRK.DWG
Scale 1" = 50'
Date 01/05/05

LAYOUT	JMB	01/05/05
DRAWN	JMB	01/05/05
REVIEWED	CAH	03/06/06

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WIDEN TAXIWAYS A & C FROM 35' TO 50'

PROPOSED MARKING PLAN
STA. 116+00 TO STA. 152+00

159

159 of 224 sheets

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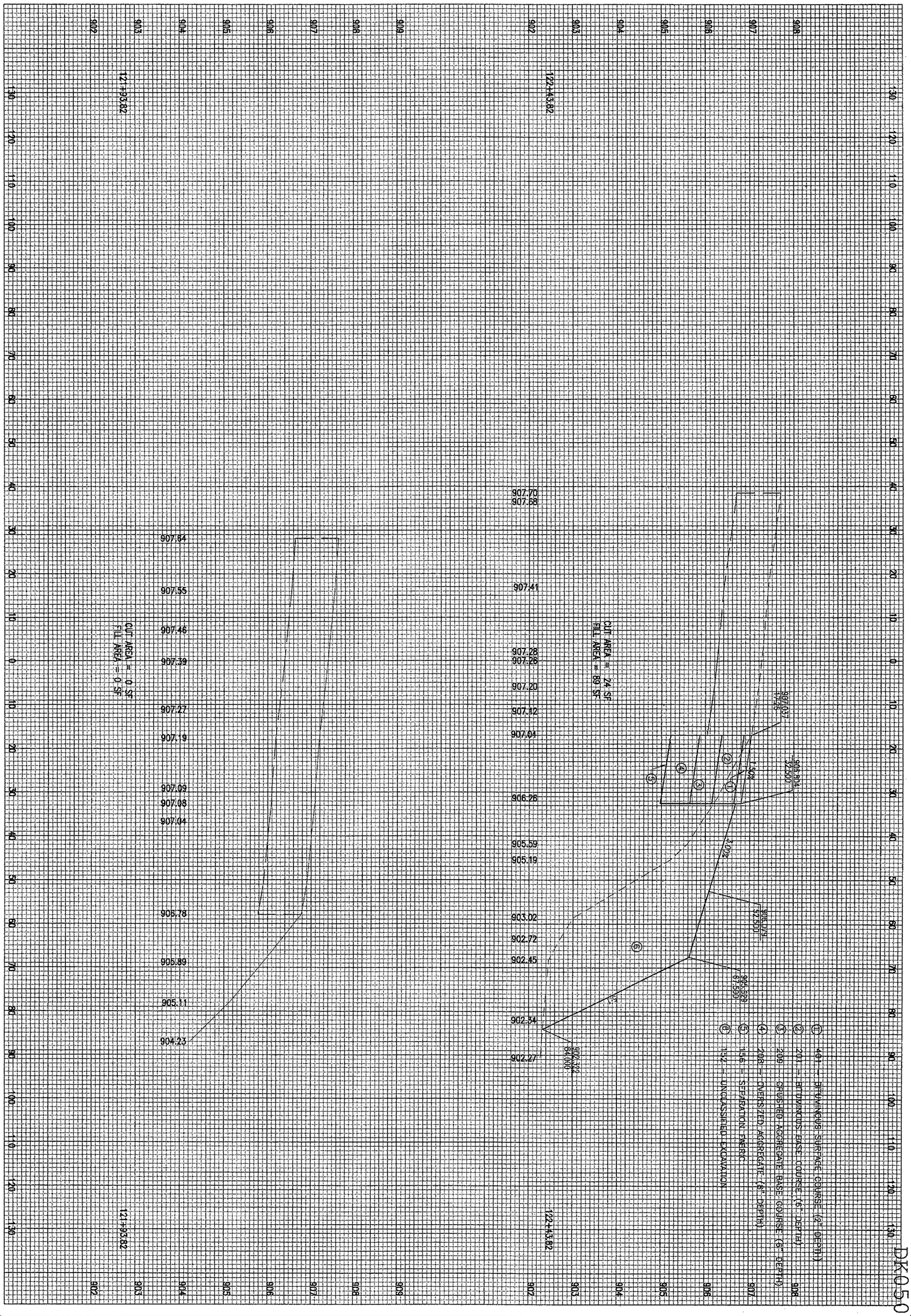

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160 180 of 224 sheets

WIDEN TAXIWAYS A & C FROM 35' TO 50'

PROPOSED CROSS-SECTIONS FOR TAXIWAY "A" STA. 121+93.82 TO STA. 122+43.82

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HEI Project No.	
Filename	$FILE$
Scale	$SCALE$
Date	$DATE$

LAYOUT	MDR	01/16/06
DRAWN	MDR	01/16/06
REVIEWED	CAH	03/16/06

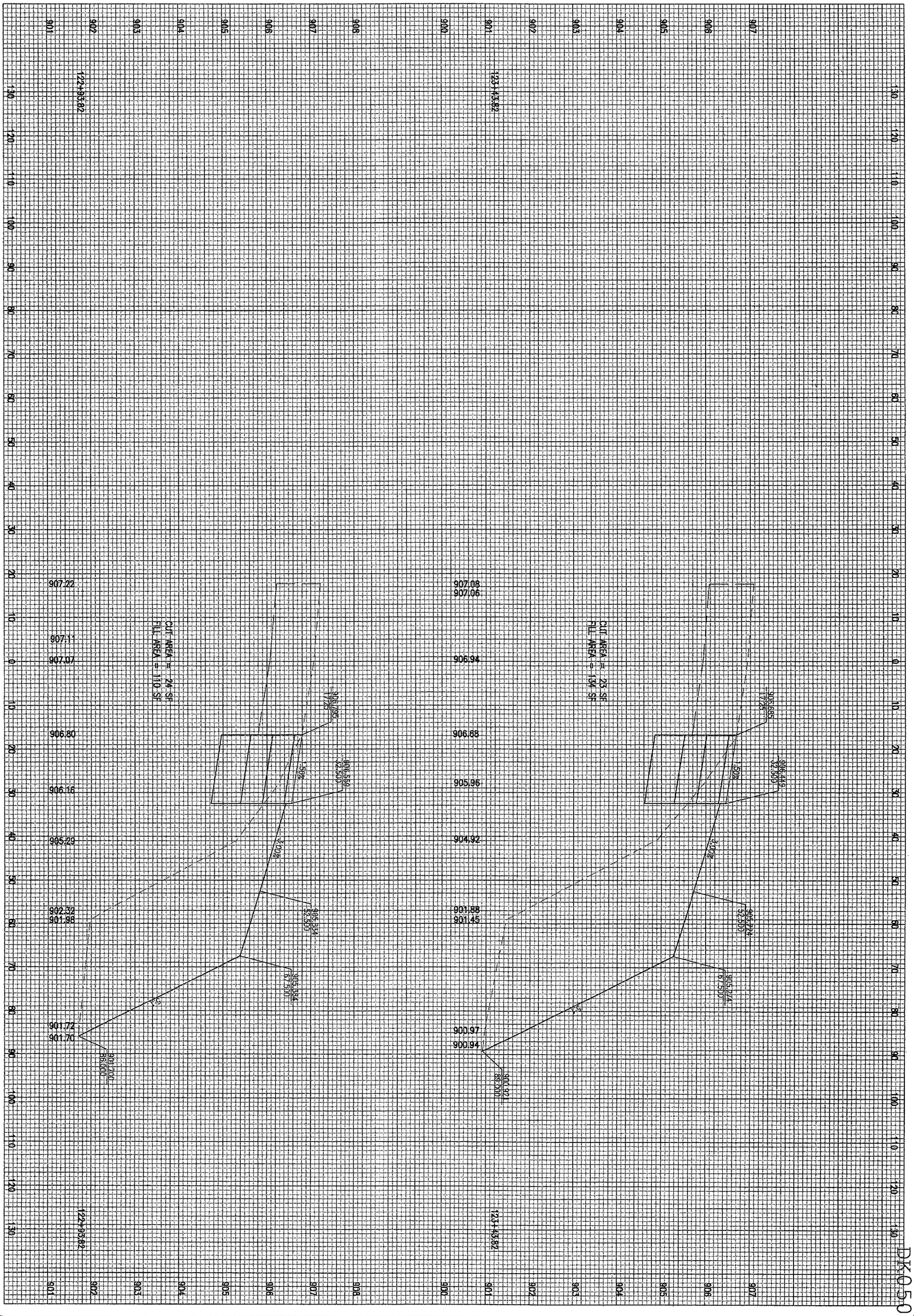
DTMA

DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

$FILEL$ $DATE$ $USER$



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161 of 224 sheets

161

WIDEN TAXIWAYS A & C FROM 35' TO 50'

PROPOSED CROSS-SECTIONS FOR TAXIWAY "A" STA. 122+93.82 TO STA. 123+43.82

HANSON

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1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

HEI Project No.
Filename $FILES$
Scale $SCALE$
Date $DATE$

LAYOUT	MDR	01/16/06
DRAWN	MDR	01/16/06
REVIEWED	CAH	03/16/06

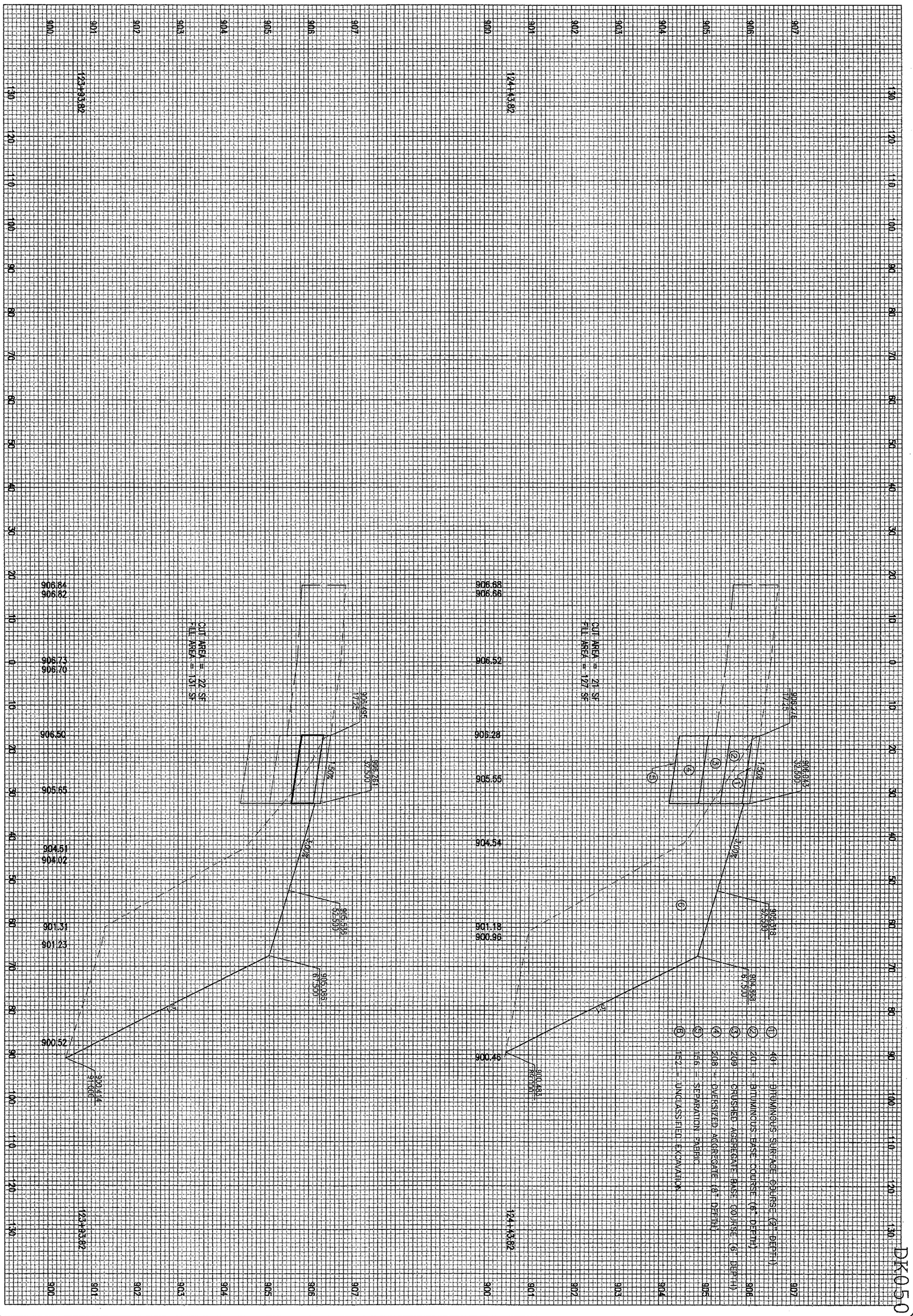
DTMA

DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

$FILE$ $DATE$ $USER$



DK050

162 of 224 sheets	WIDEN TAXIWAYS A & C FROM 35' TO 50'	
	PROPOSED CROSS-SECTIONS FOR TAXIWAY "A" STA. 123+93.82 TO STA. 124+43.82	

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Springfield, Illinois 62703-2886
Offices Nationwide

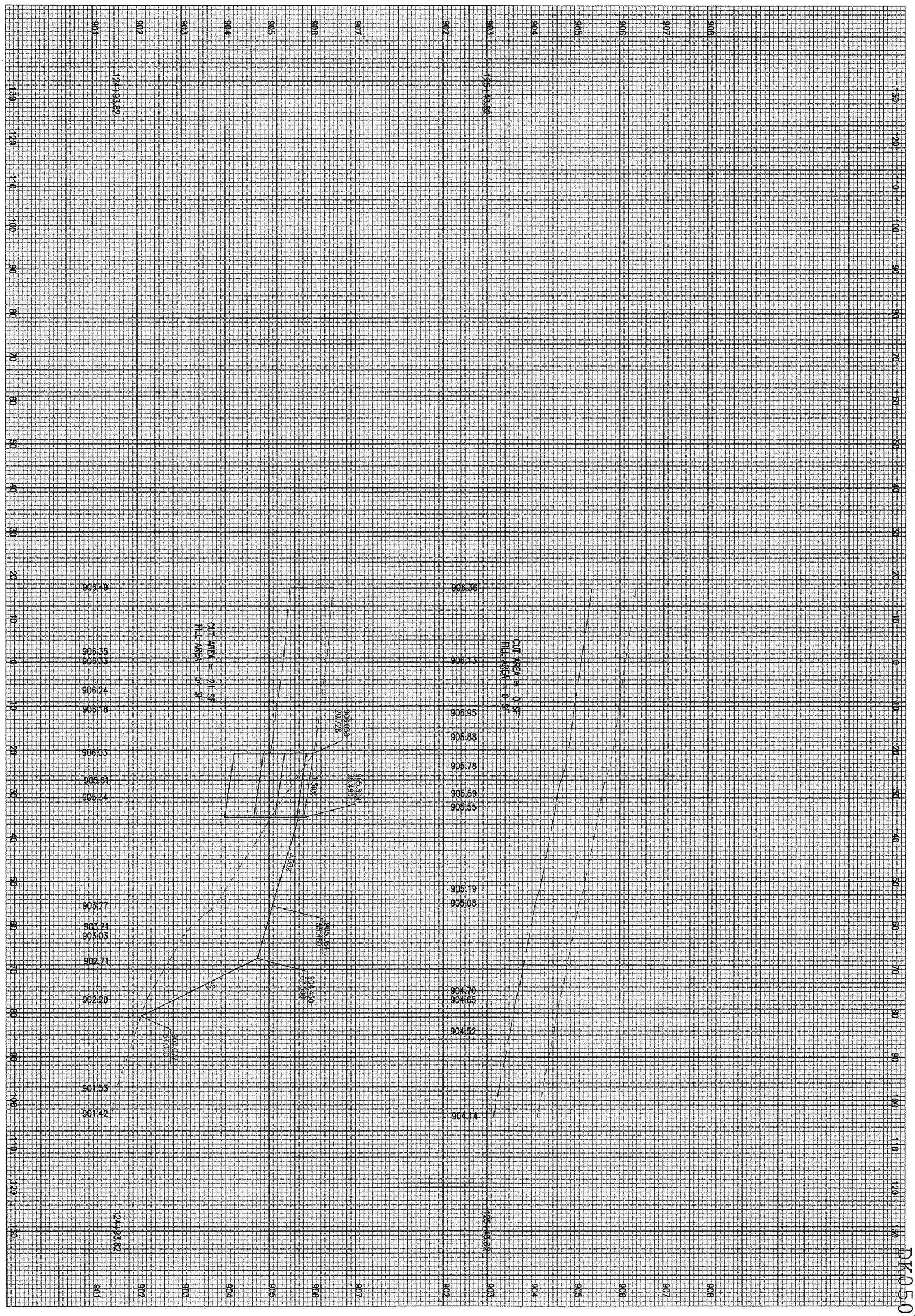
HEI Project No.
Filename $FILE$
Scale $SCALE$
Date $DATE$

LAYOUT	MDR	01/16/06
DRAWN	MDR	01/16/06
REVIEWED	CAH	03/16/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT
IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

$FILE$ $DATE$ $USER$



DKB50

163 of 224 sheets	163	WIDEN TAXIWAYS A & C FROM 35' TO 50'	PROPOSED CROSS-SECTIONS FOR TAXIWAY "A" STA. 124+93.82 TO STA. 125+43.82

HANSON
Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2885
Offices Nationwide

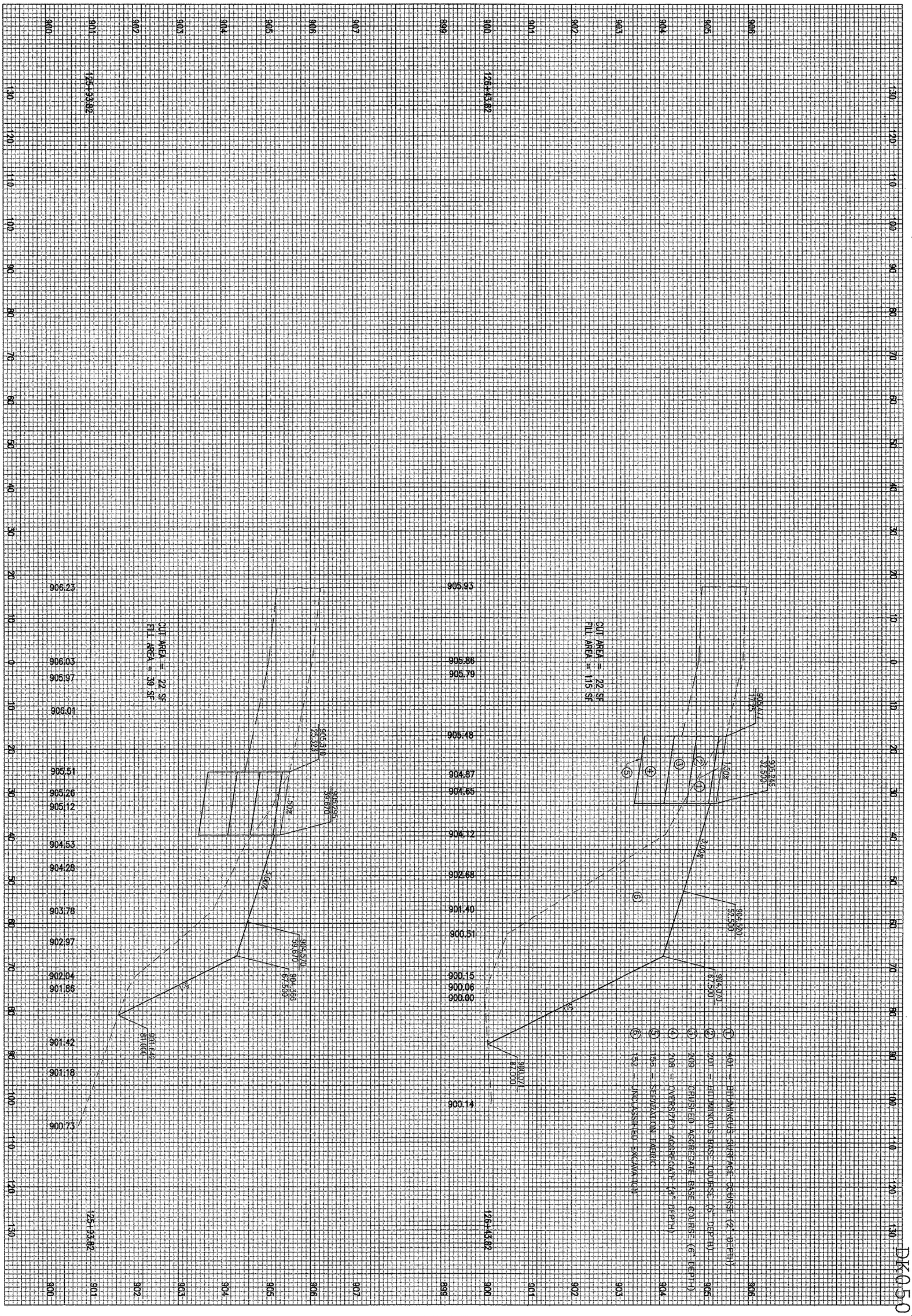
HEI Project No.
Filename $FILES$
Scale $SCALE$
Date $DATE$

LAYOUT	MDR	01/16/06
DRAWN	MDR	01/16/06
REVIEWED	CAH	03/16/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT
IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

$FILE$ $DATE$ $USER$



DK050

164 of 224 sheets

WIDEN TAXIWAYS A & C FROM 35' TO 50'

PROPOSED CROSS-SECTIONS FOR TAXIWAY "A"
STA. 125+93.82 TO STA. 126+43.82

HANSON
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1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

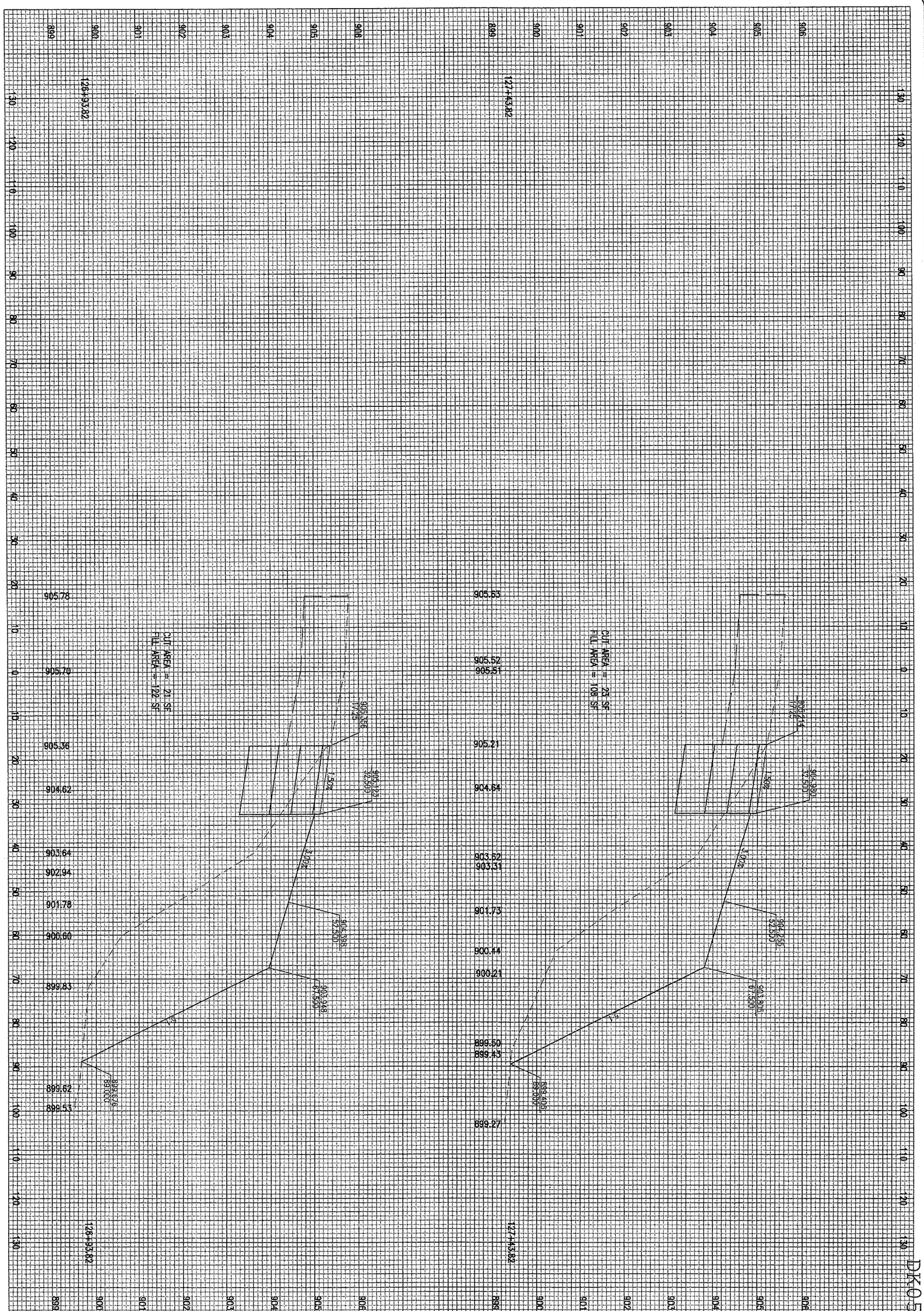
HEI Project No.	
Filename	$FILE$
Scale	$SCALE$
Date	$DATE$

LAYOUT	MDR	01/16/06
DRAWN	MDR	01/16/06
REVIEWED	CAH	03/16/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT
IL. PROJ.: DKB-3448 A.I.P.-PROJ.: 3-17-0139-B42

DATE	REVISION	BY

$FILE$ $DATE$ $USER$



165 of 225 sheets

WIDEN TAXIWAYS A & C FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "A"
STA. 126+93.82 TO STA. 127+43.82

HANSON
Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

HBI Project No.	
Filename	$FILE$
Scale	$SCALE$
Date	$DATE$

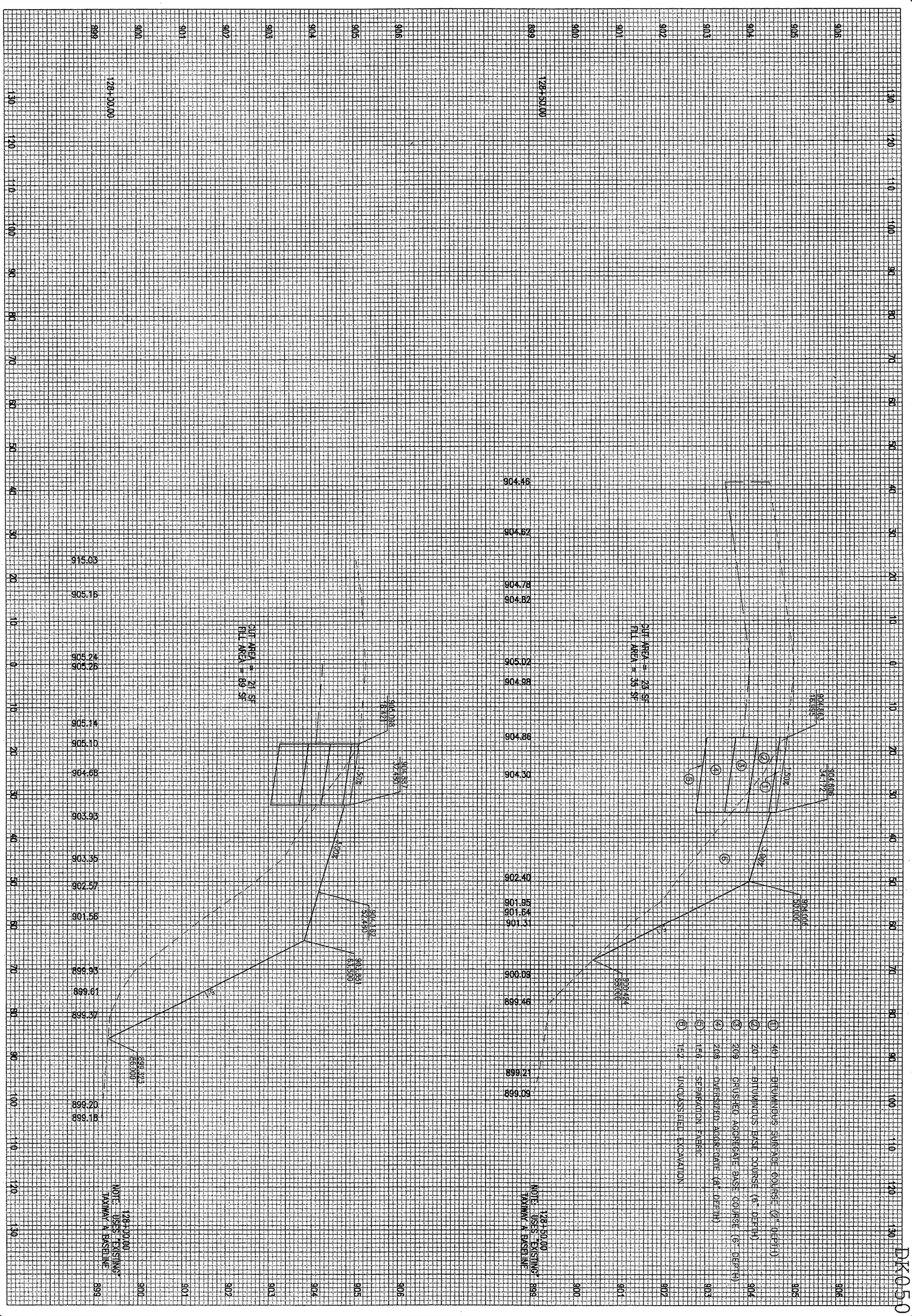
LAYOUT	MDR	01/16/06
DRAWN	MDR	01/16/06
REVIEWED	CAH	03/16/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT
IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

DK0550

$FILE$ $DATE$ $USER$



DK-050

166 166 of 224 sheets

WIDEN TAXIWAYS A & C FROM 35' TO 50'

PROPOSED CROSS-SECTIONS FOR TAXIWAY "A" STA. 128+00.00 TO STA. 128+50.00

HANSON

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1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

HSI Project No.
Filename $FILE$
Scale $SCALE$
Date $DATE$

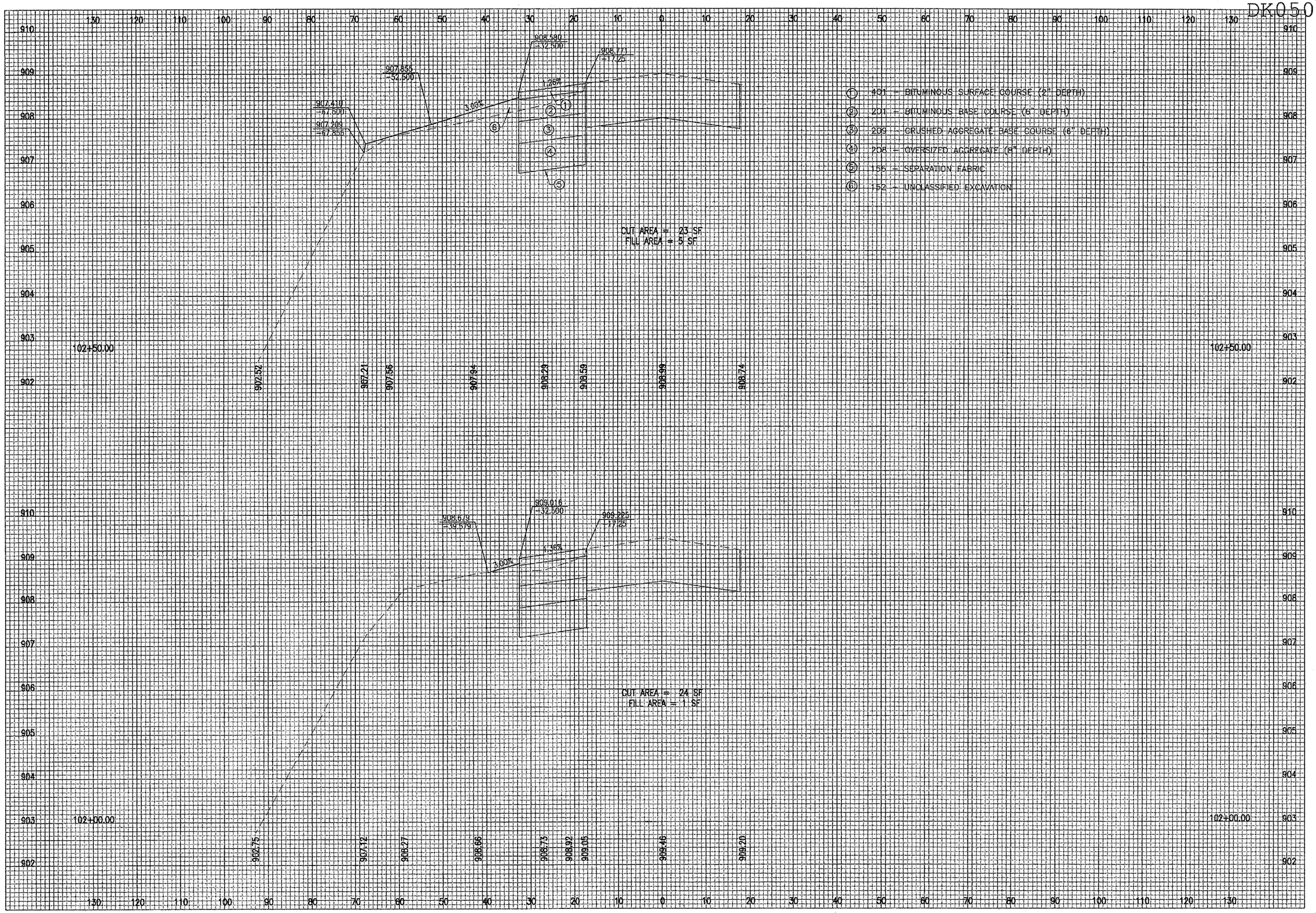
LAYOUT	MDR	01/16/06
DRAWN	MDR	01/16/06
REVIEWED	CAH	03/16/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

DK050



$USER$

$DATE$

$FILE$

BY	REVISION	DATE

DEKALB TAYLOR MUNICIPAL AIRPORT
A.I.P. PROJ.: 3-17-0139--B42
IL. PROJ.: DKB-3448

HSI Project No. $FILES$
Filename $SCALE$
Scale $DATE$
Date

LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

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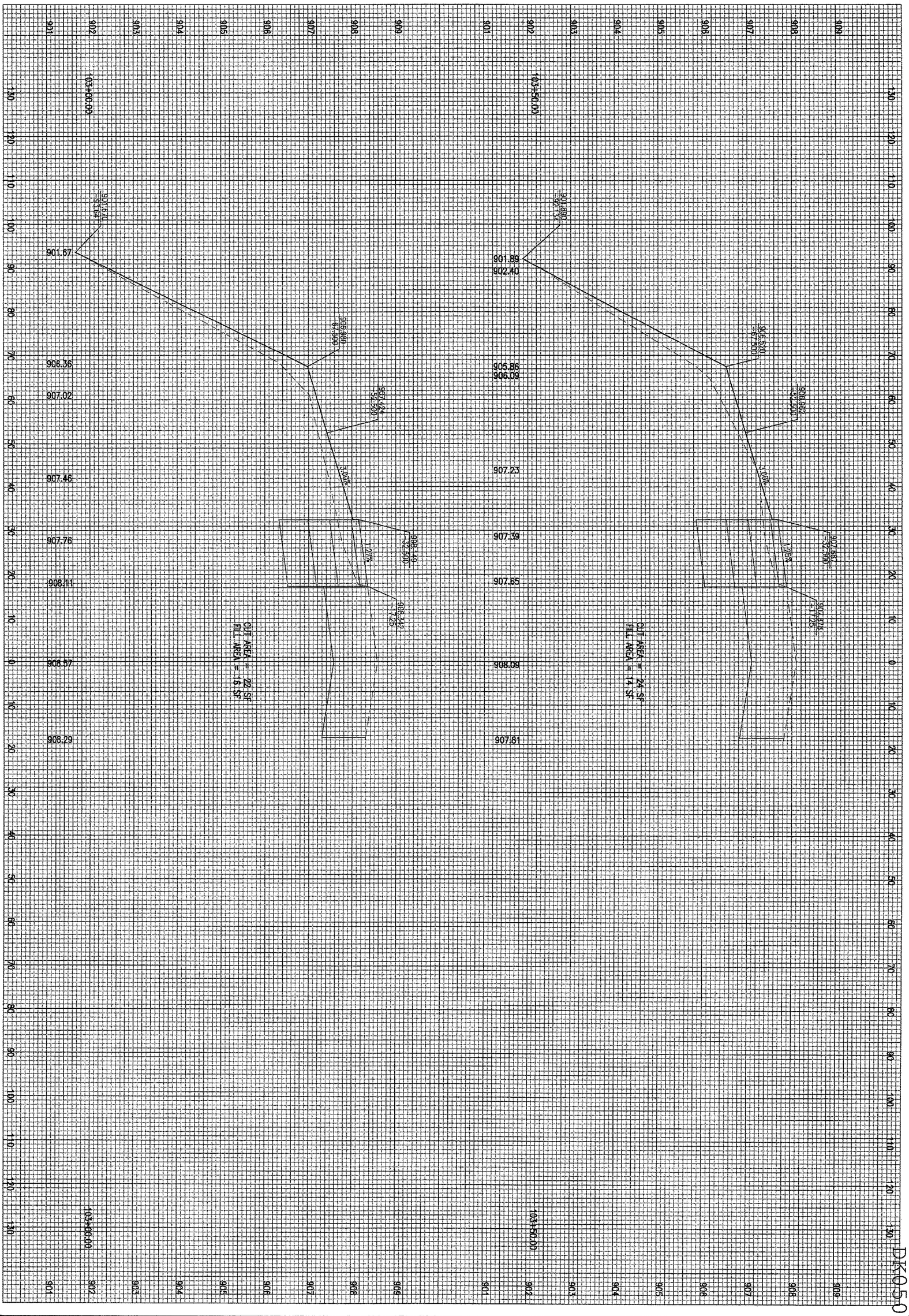
WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 102+00.00 TO STA. 102+50.00

167

$FILE$ $DATE$ $USER$



DK059

168 of 226 sheets

168

WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 103+00.00 TO STA. 103+50.00

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HPI Project No.	
Filename	$FILE$
Scale	$SCALE$
Date	$DATE$

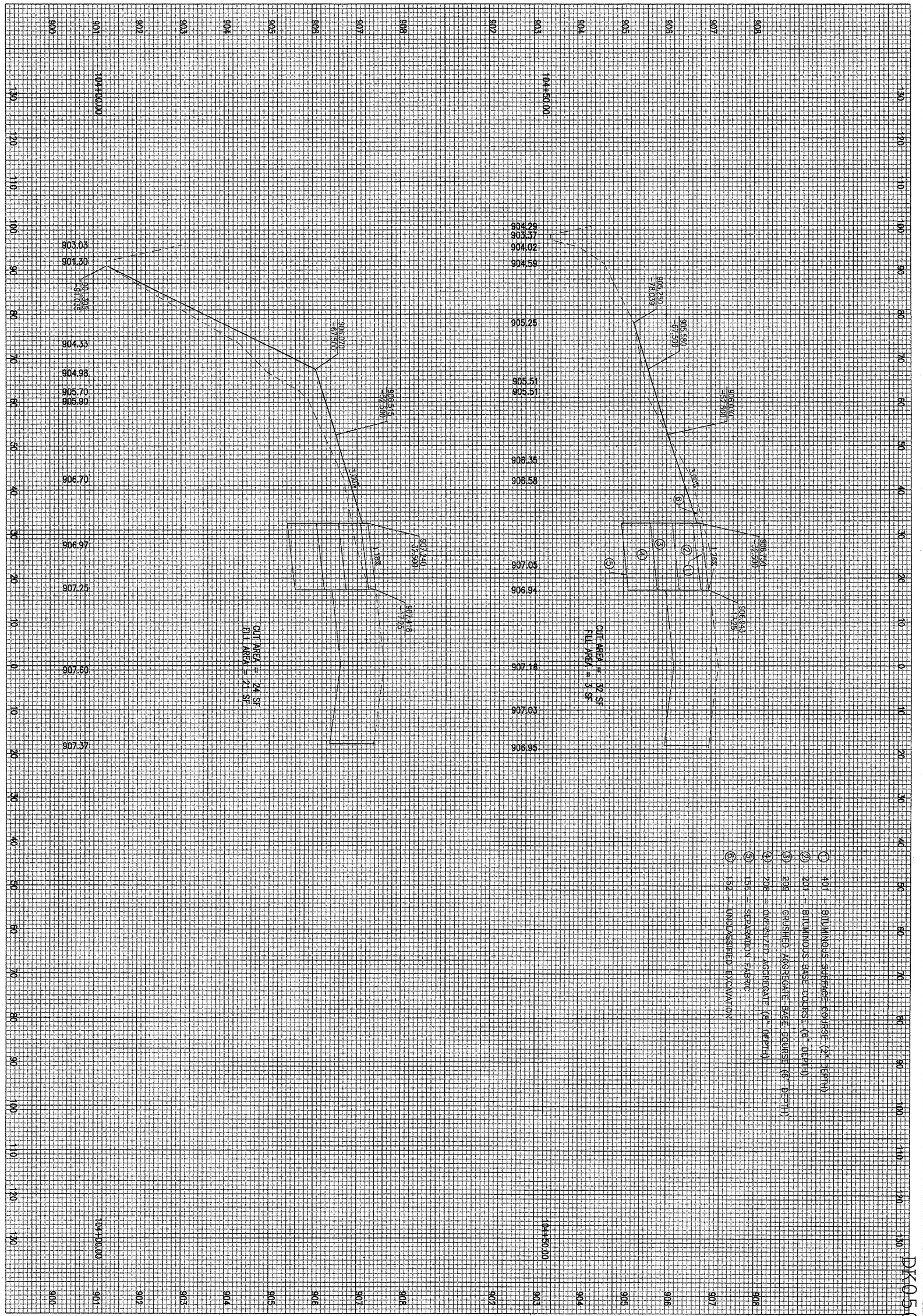
LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

$FILE$ $DATE$ $USER$



DK050

WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 104+00.00 TO STA. 104+50.00

169
169 of 224 sheets

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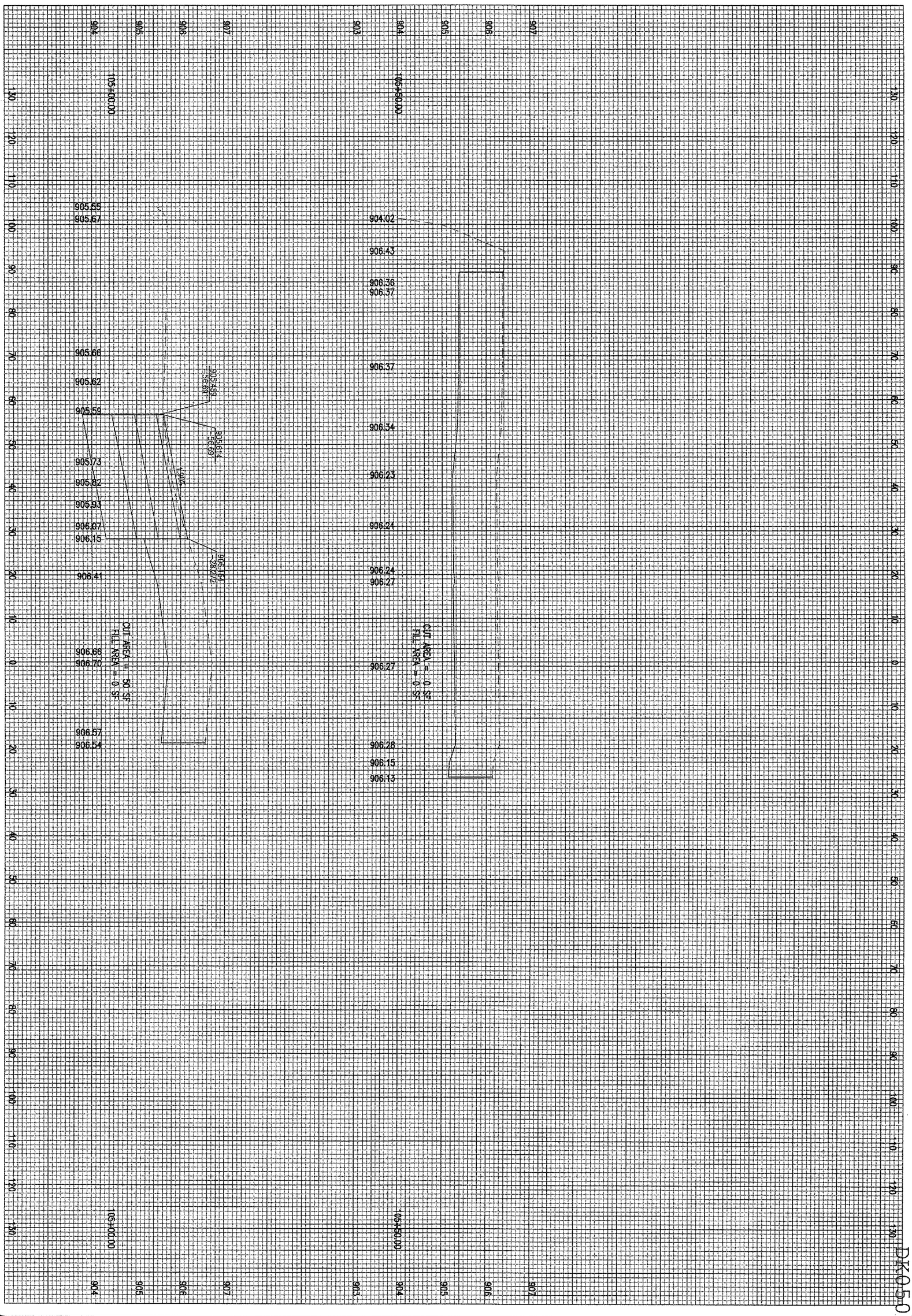
HEI Project No.
Filename $FILE$
Scale $SCALE$
Date $DATE$

LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT
IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

$FILE$ $DATE$ $USER$



DK050

170 of 224 sheets

170

WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 105+00.00 TO STA. 105+50.00

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HEI Project No.	
Filename	$FILES$
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Date	$DATE$

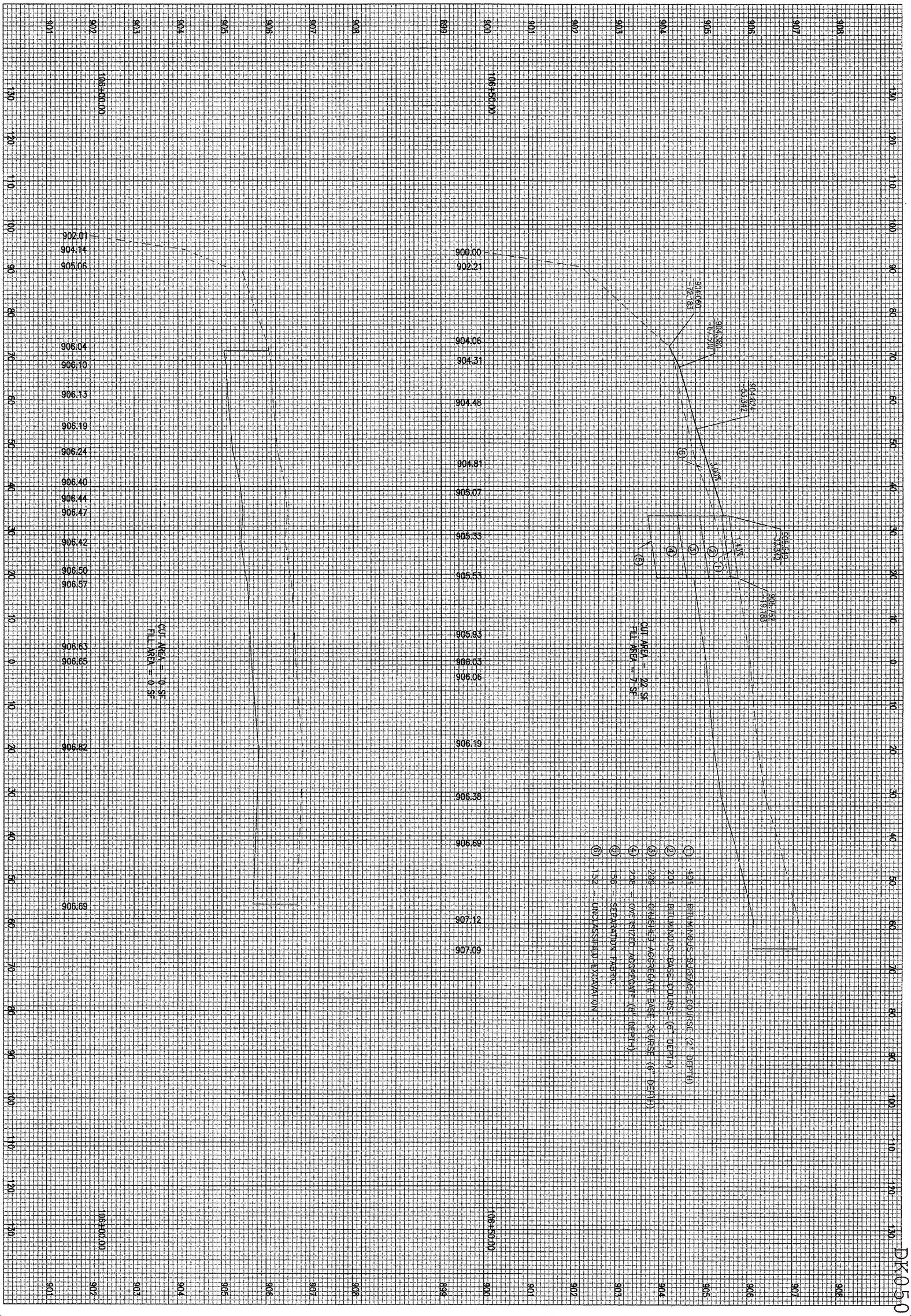
LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

$FILE$ $DATE$ $USER$



DK050

171
171 of 224 sheets

WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 106+00.00 TO STA. 106+50.00

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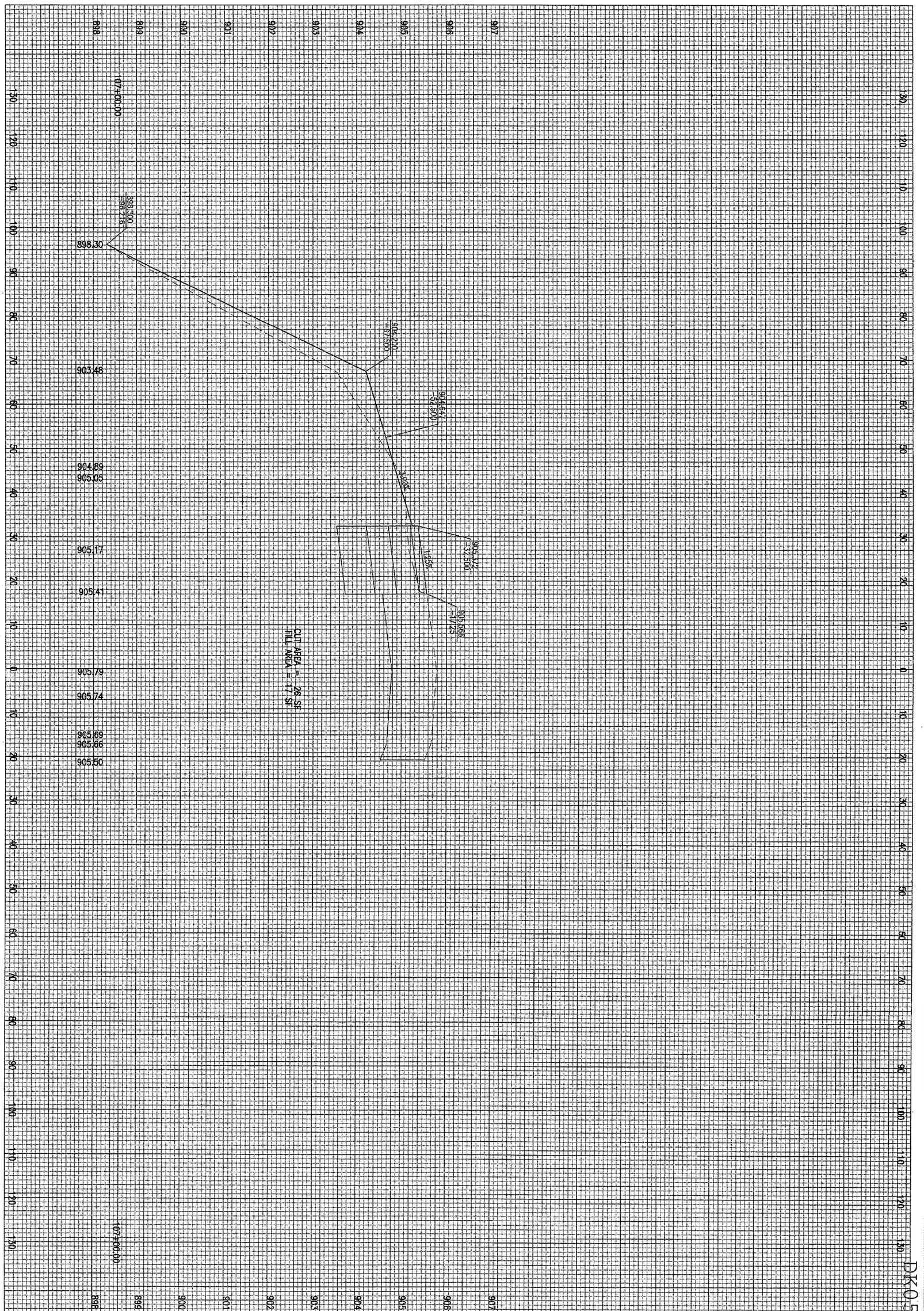
LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

$FILEL$ $DATE$ $USER$



WIDEN TAXIWAYS A & C FROM 35' TO 50'

PROPOSED CROSS-SECTIONS FOR TAXIWAY "C"
STA. 107+00.00

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HEI Project No.
Filename $FILES$
Scale $SCALE$
Date $DATE$

LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

DKB050

DK050

\$USER\$

\$DATE\$

\$FILE\$

BY	DATE	REVISION

DMA

DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

01/17/06	MDR	LAYOUT
01/17/06	MDR	DRAWN
02/22/06	CAH	REVIEWED

HEI Project No.
Filename \$FILE\$
Scale \$SCALE\$
Date \$DATE\$

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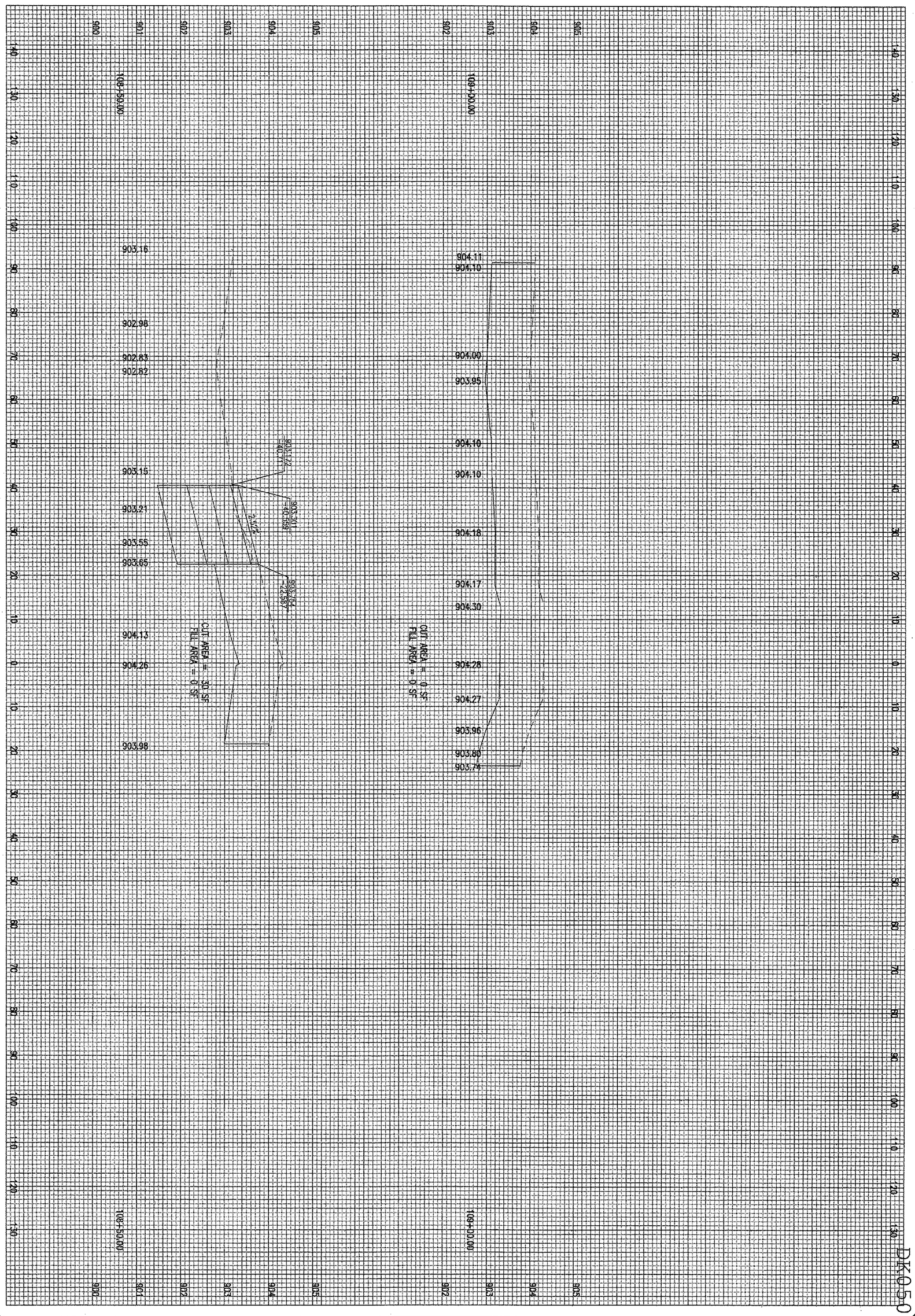
WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 107+50.00 TO STA. 108+00.00

173

$FILE$ $DATE$ $USER$



DK0150

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WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 108+50.00 TO STA. 109+00.00

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HEI Project No.	
Filename	$FILES$
Scale	$SCALE$
Date	$DATE$

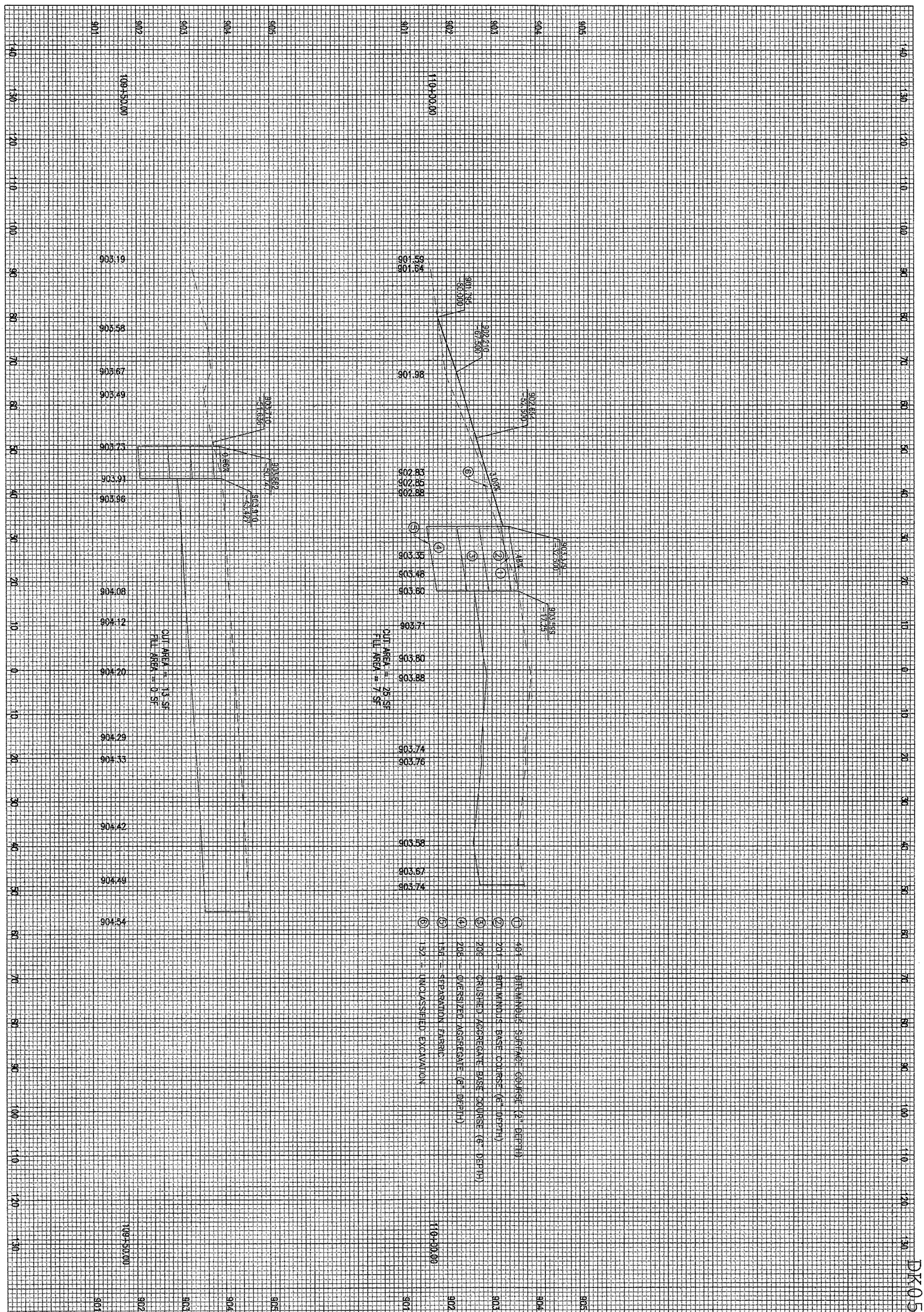
LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

$FILE$ $DATE$ $USER$



DK050

WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 109+50.00 TO STA. 110+00.00

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175 of 224 sheets

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HEI Project No.
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Scale $SCALE$
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LAYOUT	MDR	01/17/06
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DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT
IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

DK050

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

905 904 903 902 901 900 899 898 897

903.542
-32.500

903.728
-17.25

902.817
-32.500

1.22%

3.00%

902.370
-67.500

CUT AREA = 31 SF
FILL AREA = 62 SF

EXISTING 18" HEADWALL TO BE REMOVED
FLOWLINE ELEVATION 898.18'

PROPOSED 18" CONCRETE HEADWALL

900.00
-88.000

898.24
-90.000

898.271
-93.921

EXISTING 18" RCCP @ 0.40%

111+16.00

898.27 898.35 898.57 898.67 899.47 900.76 901.97 902.59 902.88 903.14 903.27 903.57 903.94 903.89

EXISTING PAVED DITCH (TO BE REMOVED)

PROPOSED 18" RCCP 23 L.F. @ 0.40%

EXISTING 18" RCCP TO BE REMOVED
(8 L.F. ESTIMATED)

903.511
-32.500

903.697
-17.25

902.786
-32.500

0.79%

3.00%

902.340
-67.500

CUT AREA = 23 SF
FILL AREA = 17 SF

899.840
-93.296

110+50.00

899.84 901.47 901.50 901.99 902.07 903.12 903.12 905.48 905.65 903.84 903.77 903.70 905.55

\$USER\$ \$DATE\$ \$FILE\$

BY	DATE	REVISION

DTMA

DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

HEI Project No.
Filename \$FILES\$
Scale \$SCALE\$
Date \$DATE\$

LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

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WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 110+50.00 TO STA. 111+16.00

176

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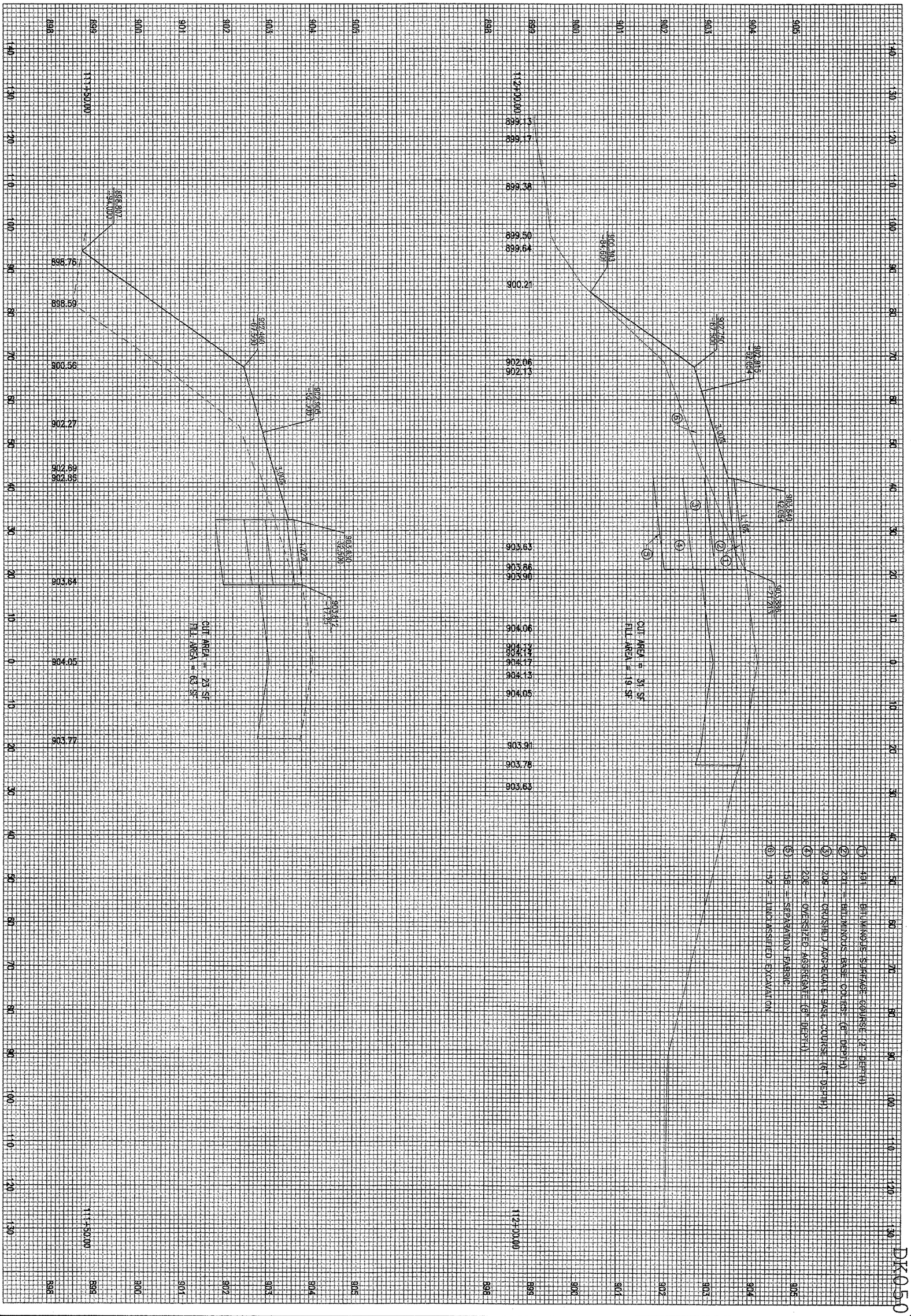
$FILE$ $DATE$ $USER$



DK0550

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177

WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 111+50.00 TO STA. 112+00.00

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HEI Project No.	
Filename	$FILES$
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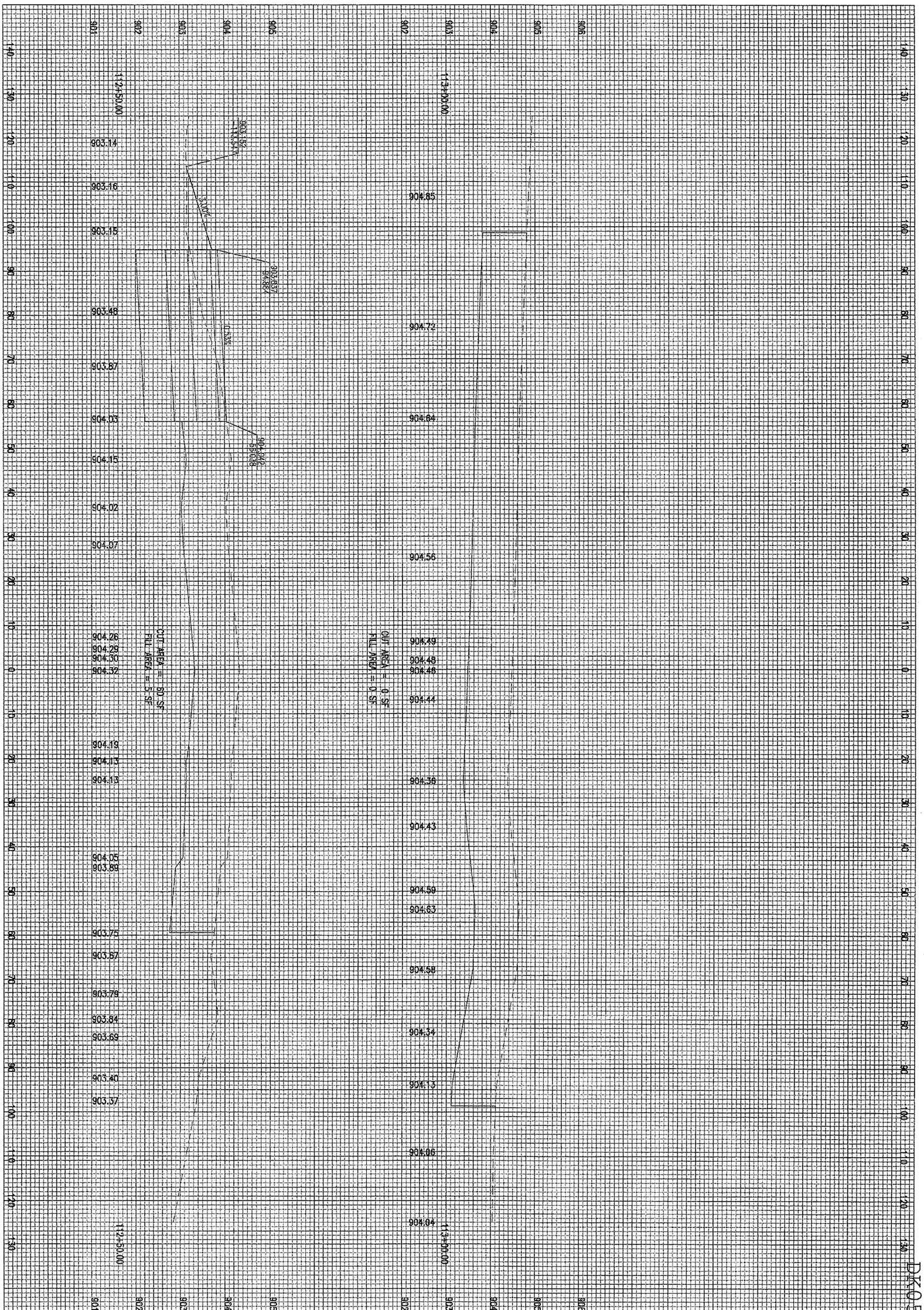
Date	$DATE$

LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT
IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

$FILEL$ $DATE$ $USER$



DK050

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178

WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 112+50.00 TO STA. 113+00.00

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HEI Project No.
Filename $FILES$
Scale $SCALE$
Date $DATE$

LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

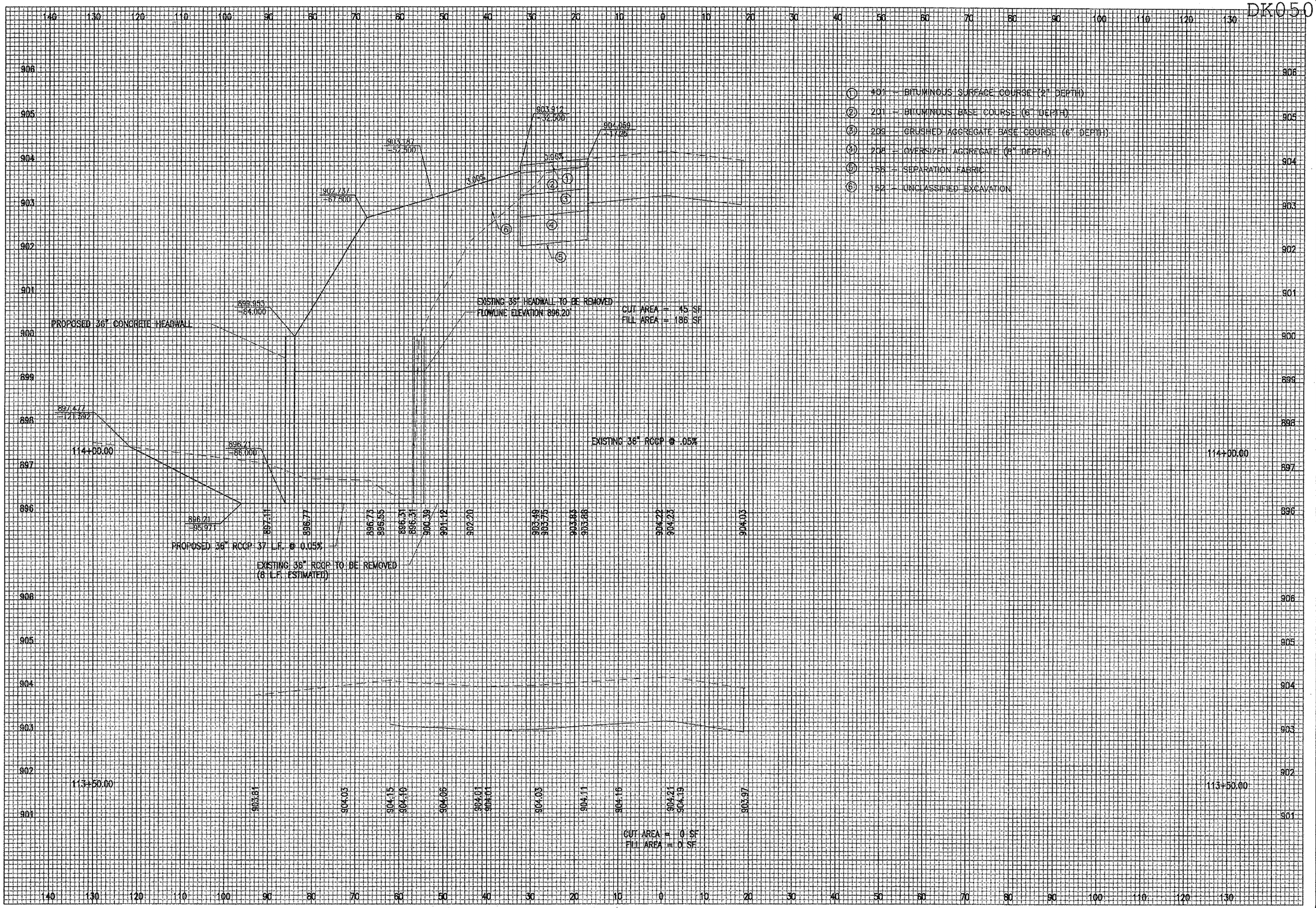
DTMA

DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

DK050



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BY	REVISION	DATE

DEMALB TAYLOR MUNICIPAL AIRPORT
IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-842

HSI Project No.
Filename $FILES$
Scale $SCALE$
Date $DATE$

LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

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WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 113+50.00 TO STA. 114+00.00

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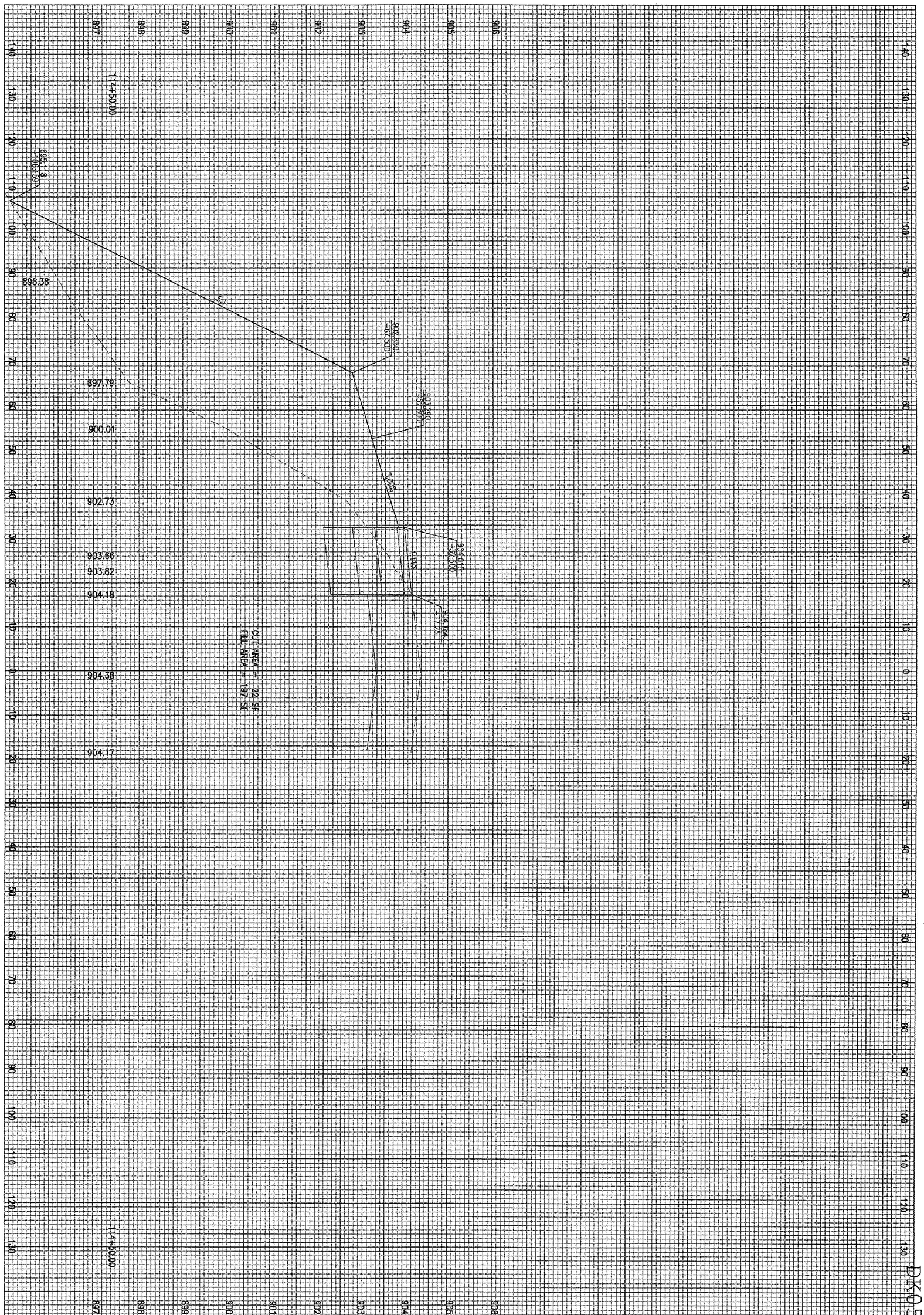
179 of 224 sheets

$FILE$ $DATE$ $USER$



DK050

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180

WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 114+50.00

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HEI Project No.
Filename $FILES$
Scale $SCALE$
Date $DATE$

LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

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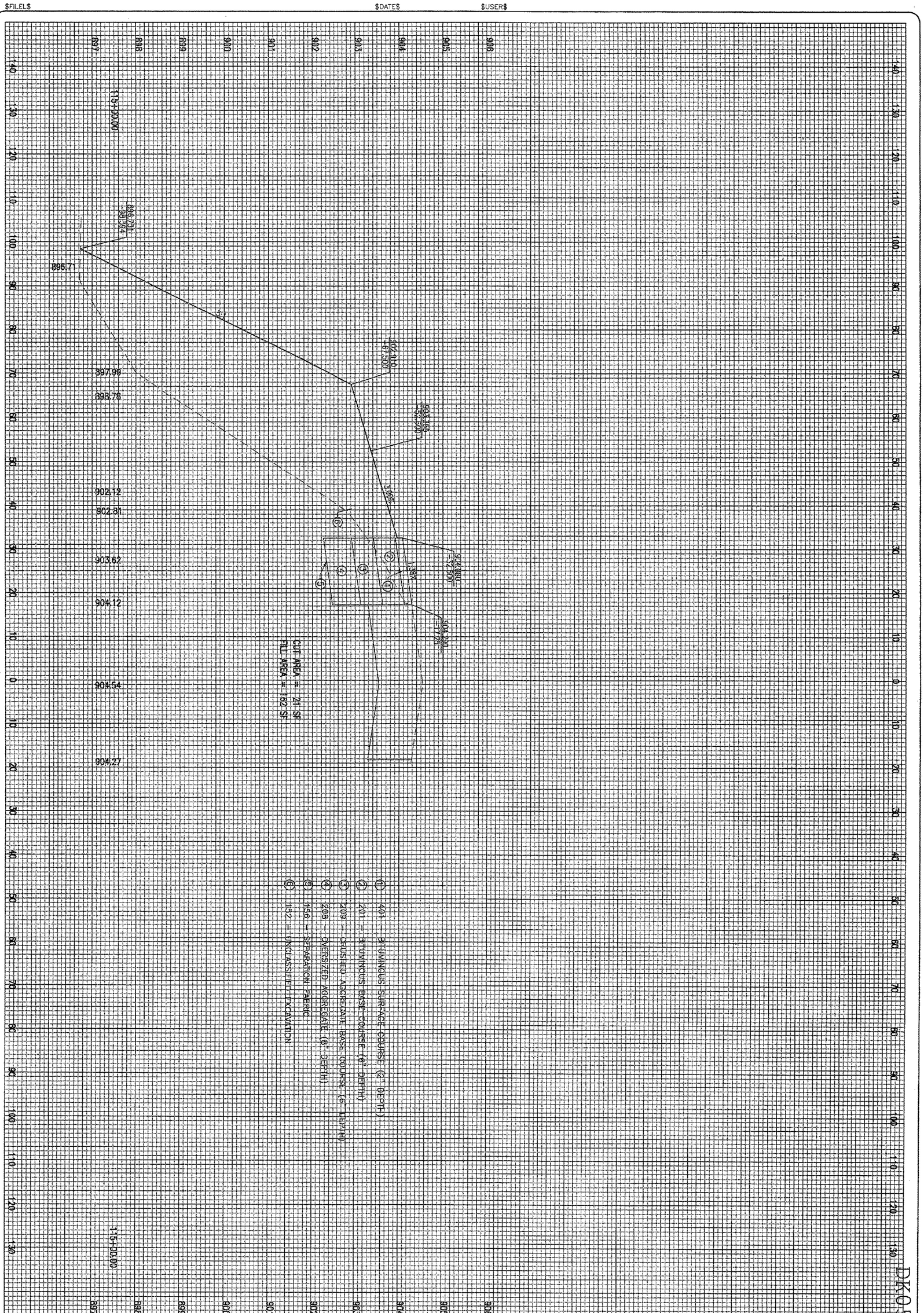

DKO 50

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WIDEN TAXIWAYS A & C FROM 35' TO 50'

PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 115+00.00

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HEI Project No.
Filename $FILES$
Scale $SCALE$
Date $DATE$

LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

DTMA

DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

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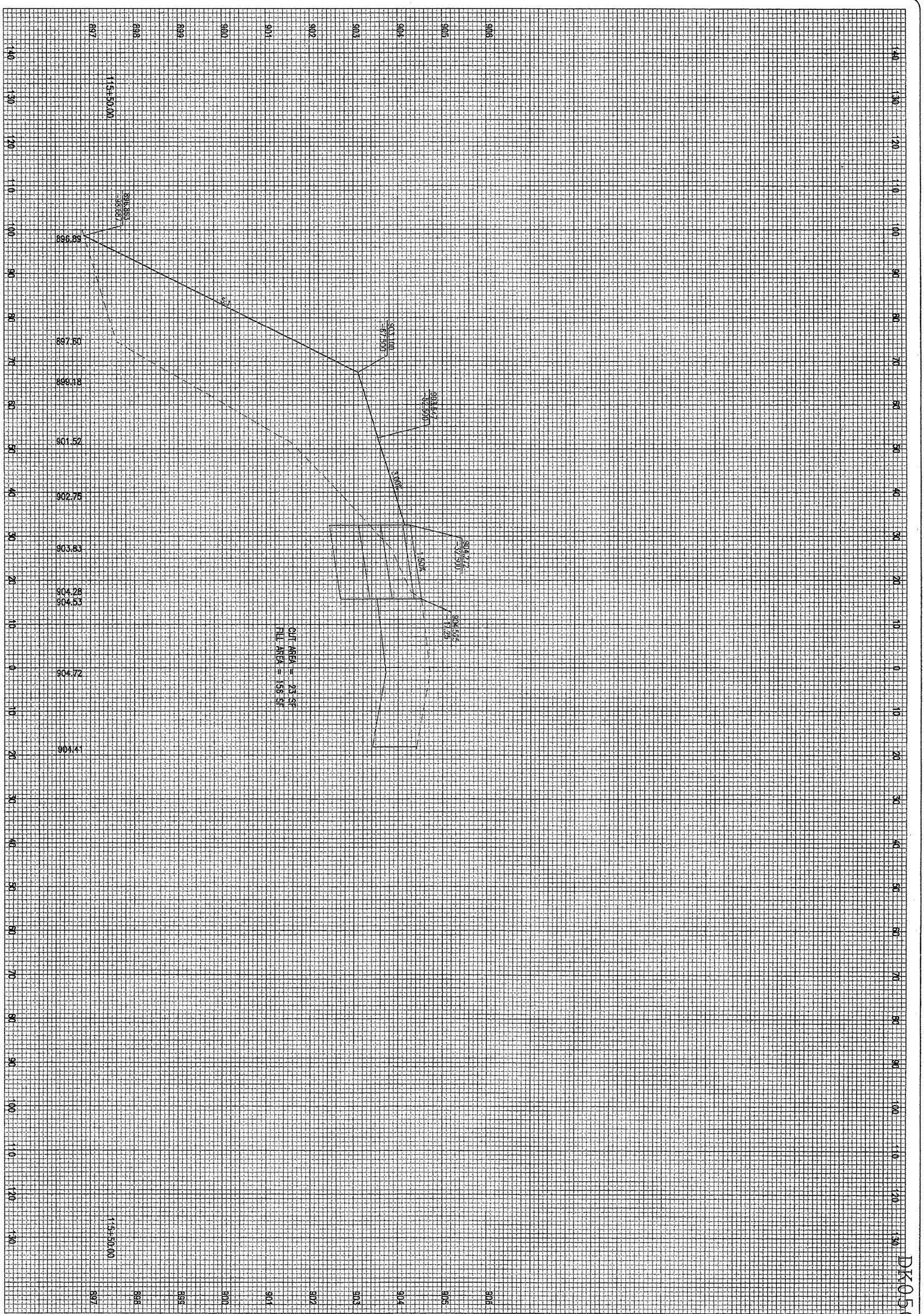

DK050

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WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 115+50.00

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HEI Project No.		
Filename	$FILE$	
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Date	$DATE$	
LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

DTMA

DEKALB TAYLOR MUNICIPAL AIRPORT

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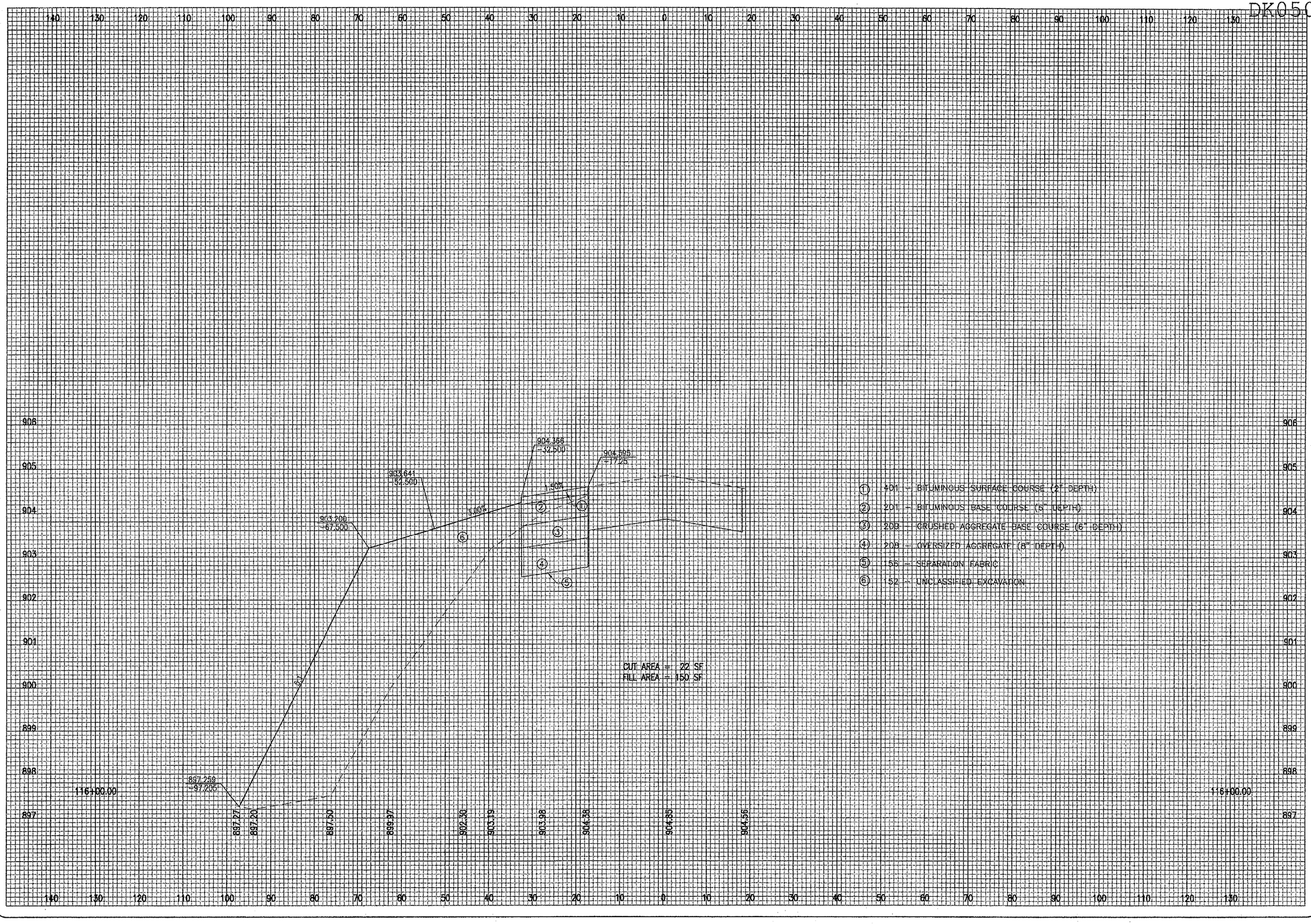

$USER$ $DATE$ $FILE$

BY	REVISION	DATE

DMA

DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

HEI Project No.	$FILE$	
Filename	$FILE$	
Scale	$SCALE$	
Date	$DATE$	
LAYOUT	MDR	01/17/06
DRAWN	MDR	04/17/06
REVIEWED	CAH	02/22/06

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WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 116+00.00

183

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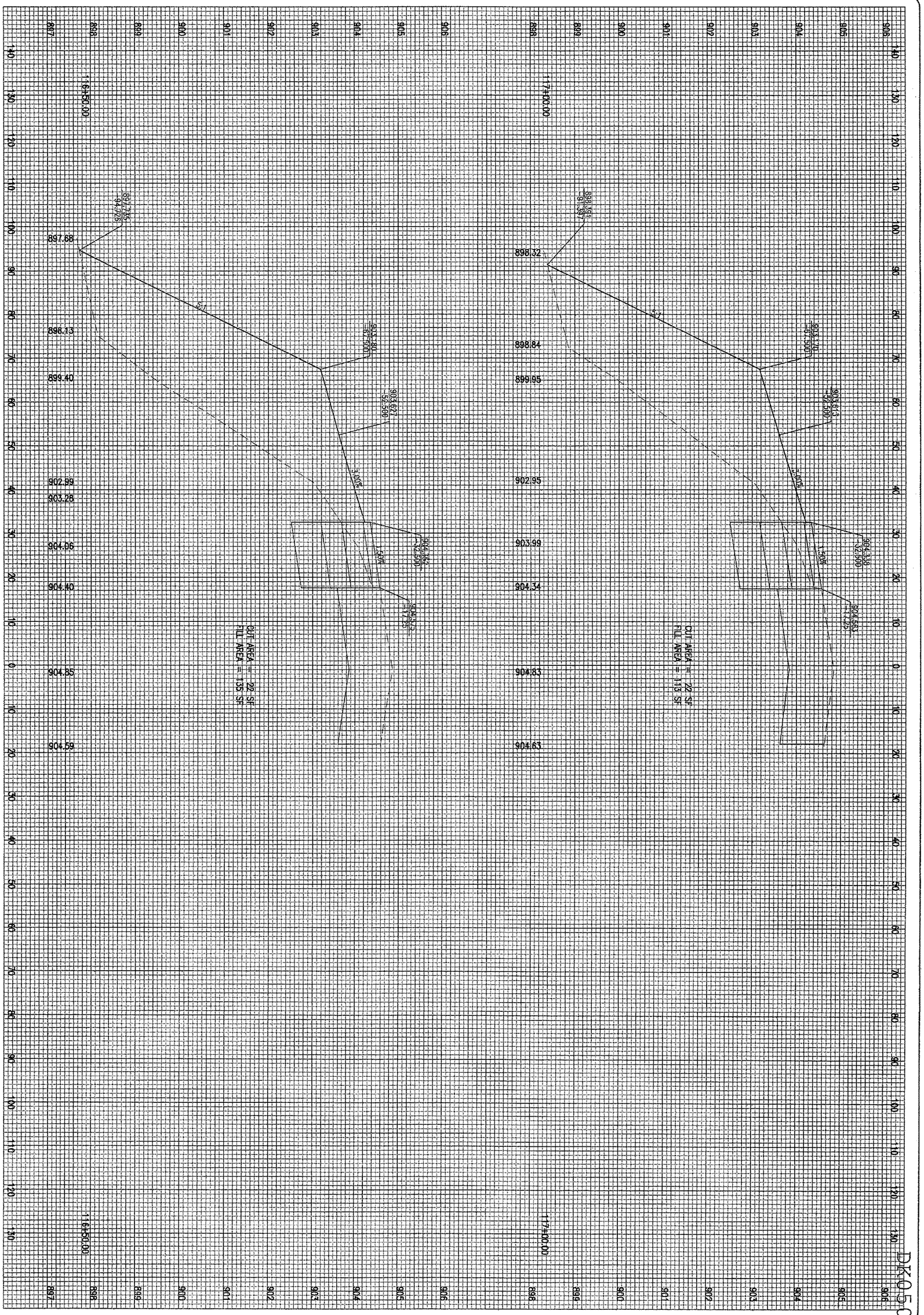
$FILE$ $DATE$ $USER$



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184

WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 116+50.00 TO STA. 117+00.00

HANSON

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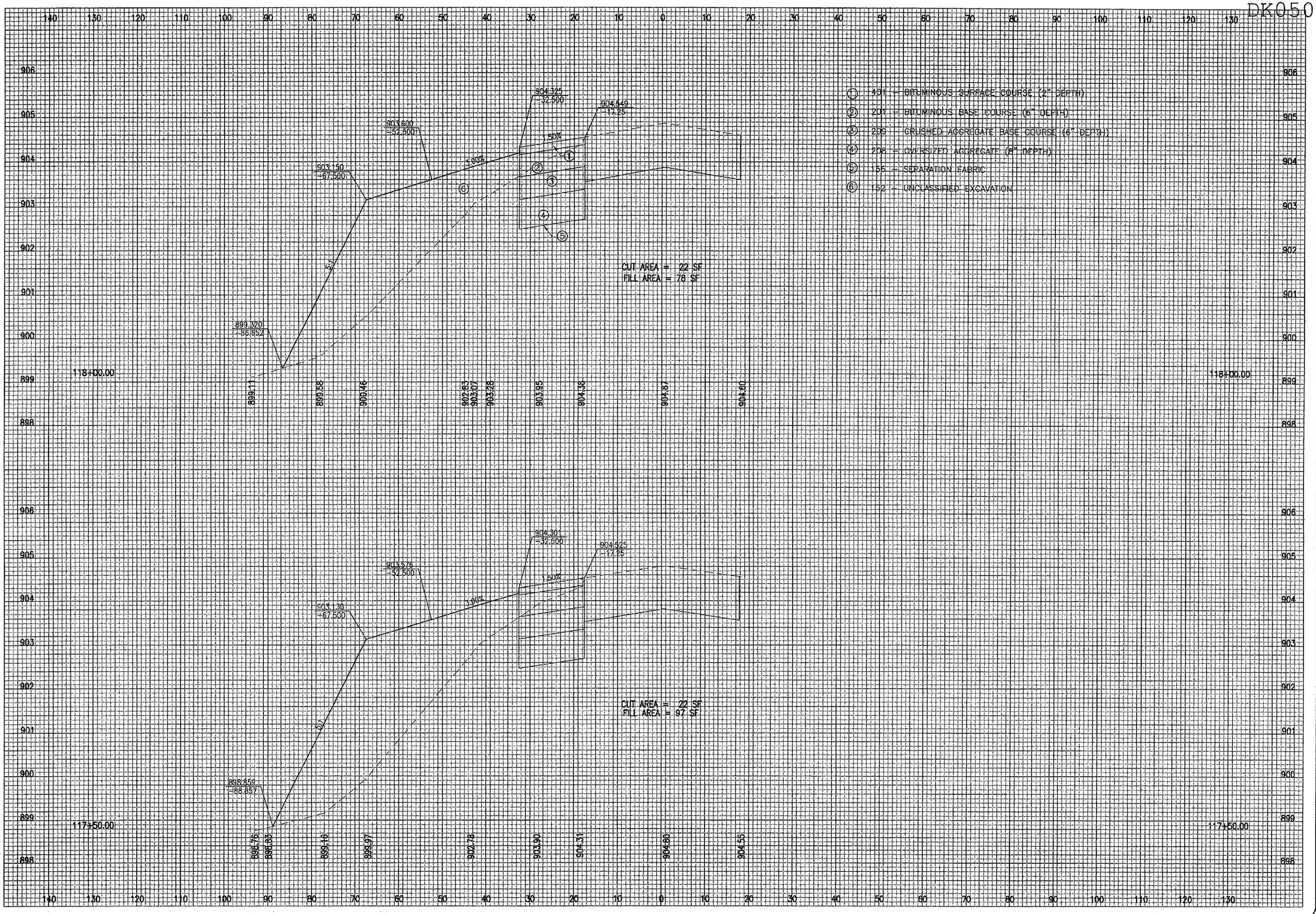

① 401 — BITUMINOUS SURFACE COURSE (2" DEPTH)
② 201 — BITUMINOUS BASE COURSE (6" DEPTH)
③ 209 — CRUSHED AGGREGATE BASE COURSE (6" DEPTH)
④ 208 — OVERSIZED AGGREGATE (8" DEPTH)
⑤ 156 — SEPARATION FABRIC
⑥ 152 — UNCLASSIFIED EXCAVATION

$USER$
$DATE$
$FILE$

BY	REVISION	DATE

DEKALB TAYLOR MUNICIPAL AIRPORT
IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

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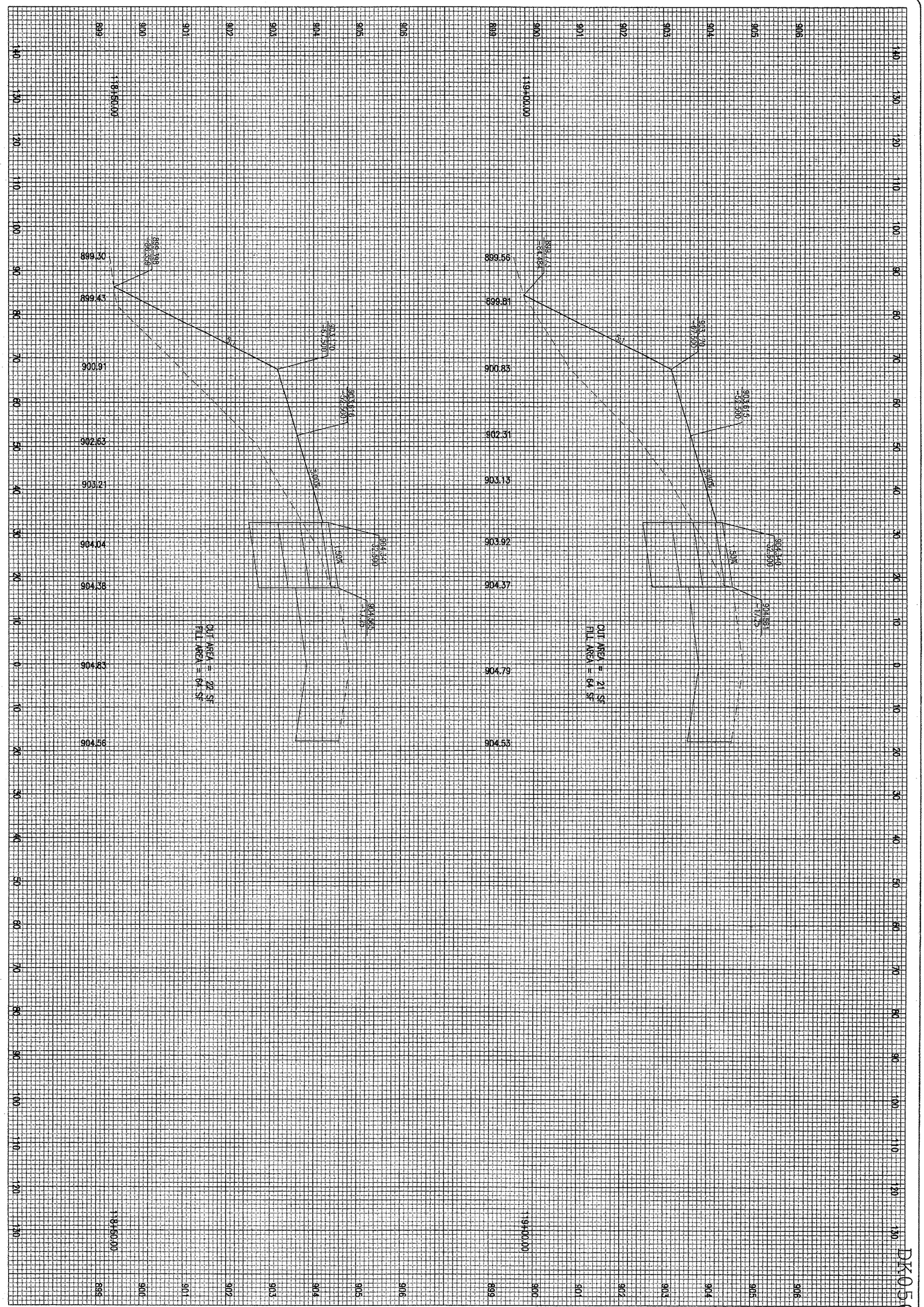
WIDEN TAXIWAYS A & C FROM 35' TO 50'

PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 117+50.00 TO STA. 118+00.00

185
185 of 224 sheets

$FILE$ $DATE$ $USER$



DK050

WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 118+50.00 TO STA. 119+00.00

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186 of 224 sheets

HANSON

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1525 South Sixth Street
Springfield, Illinois 62703-2888
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HEI Project No.	
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DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

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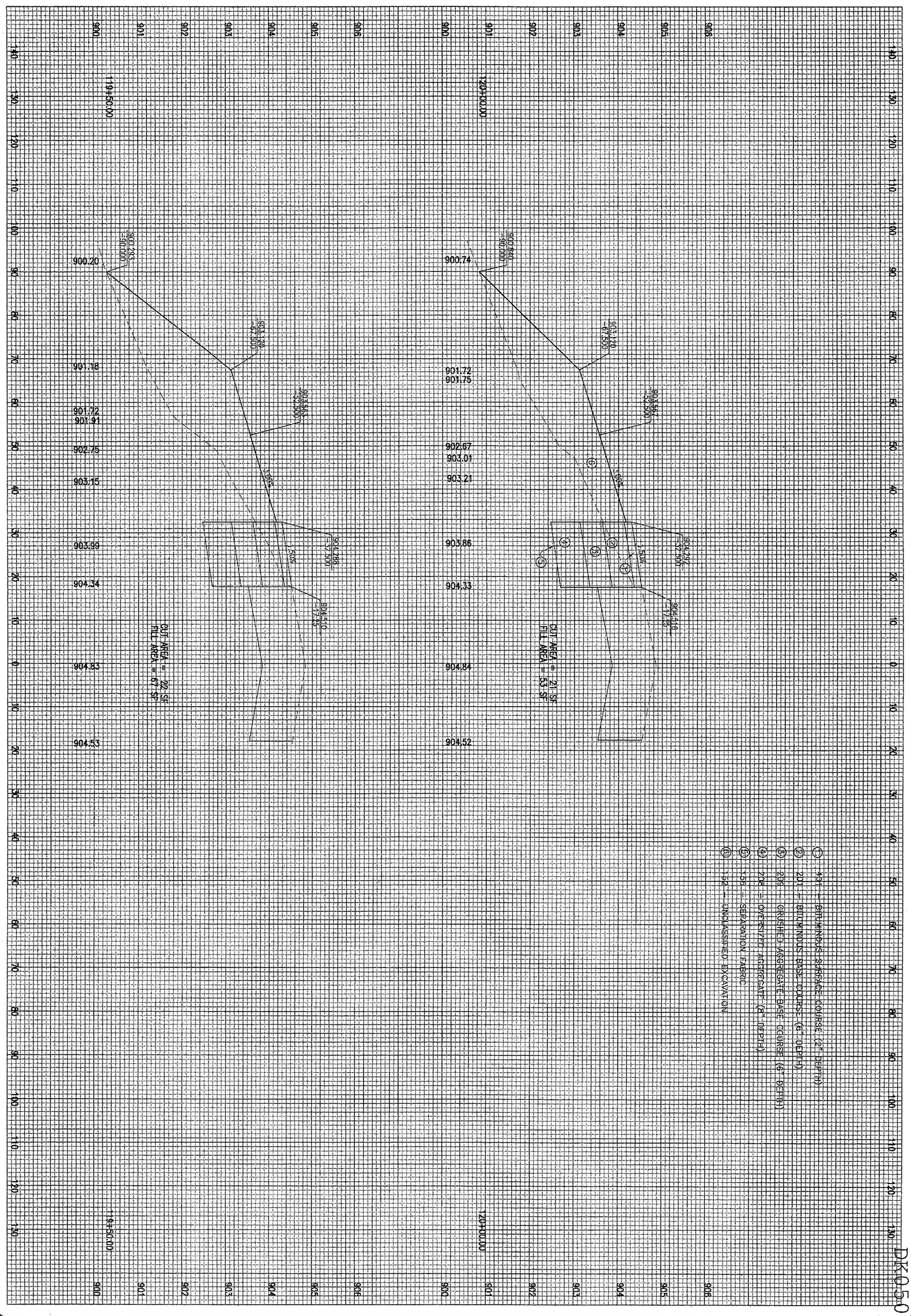
DATE	REVISION	BY

$FILE$ $DATE$ $USER$



187

187 of 224 sheets

WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 119+50.00 TO STA. 120+00.00

HANSON

Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

HEI Project No.	
Filename	$FILES$
Scale	$SCALE$
Date	$DATE$

LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

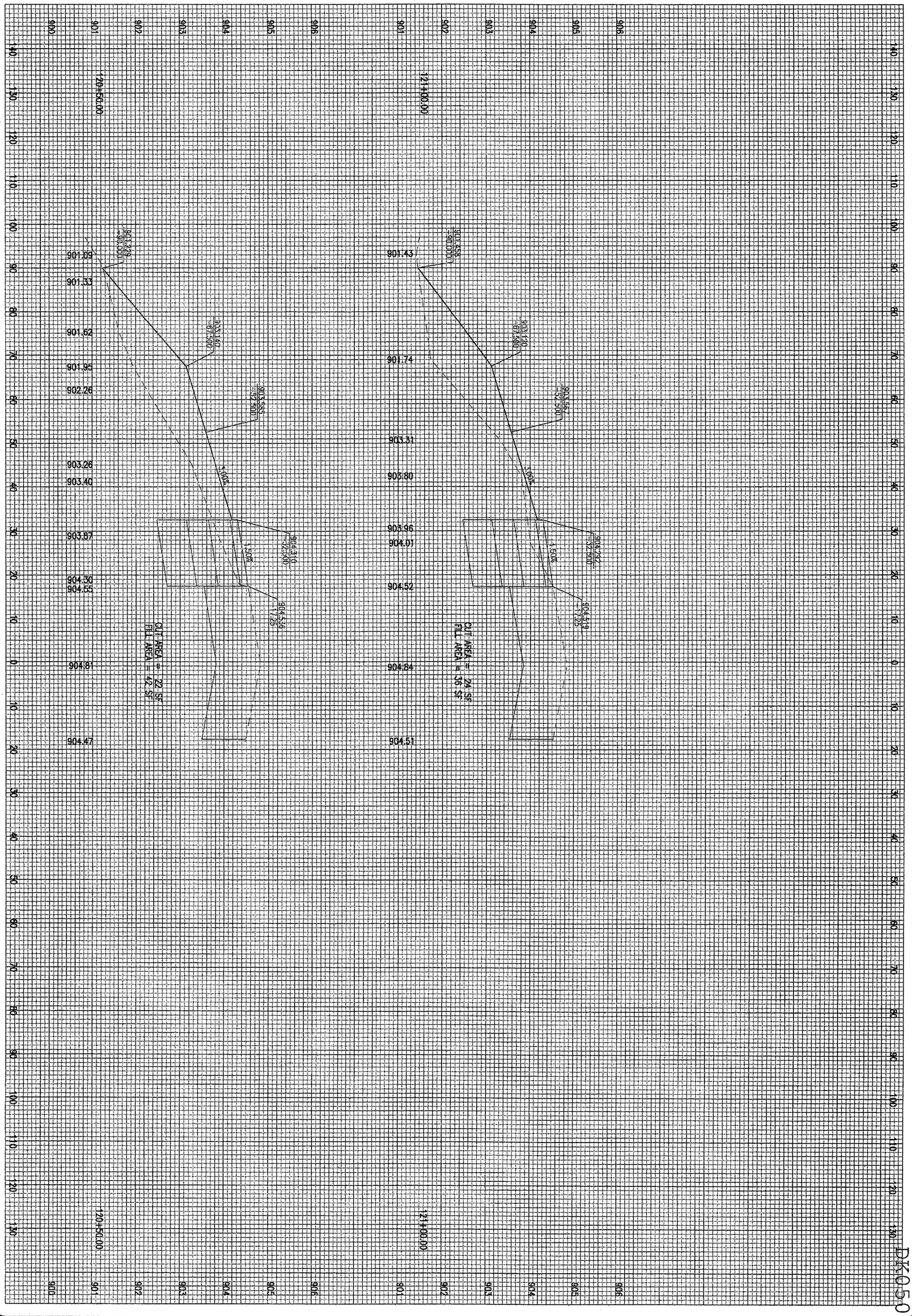
DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

DK0350

$FILE$ $DATE$ $USER$



DK050

WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 120+50.00 TO STA. 121+00.00

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188 of 224 sheets

HANSON

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Offices Nationwide

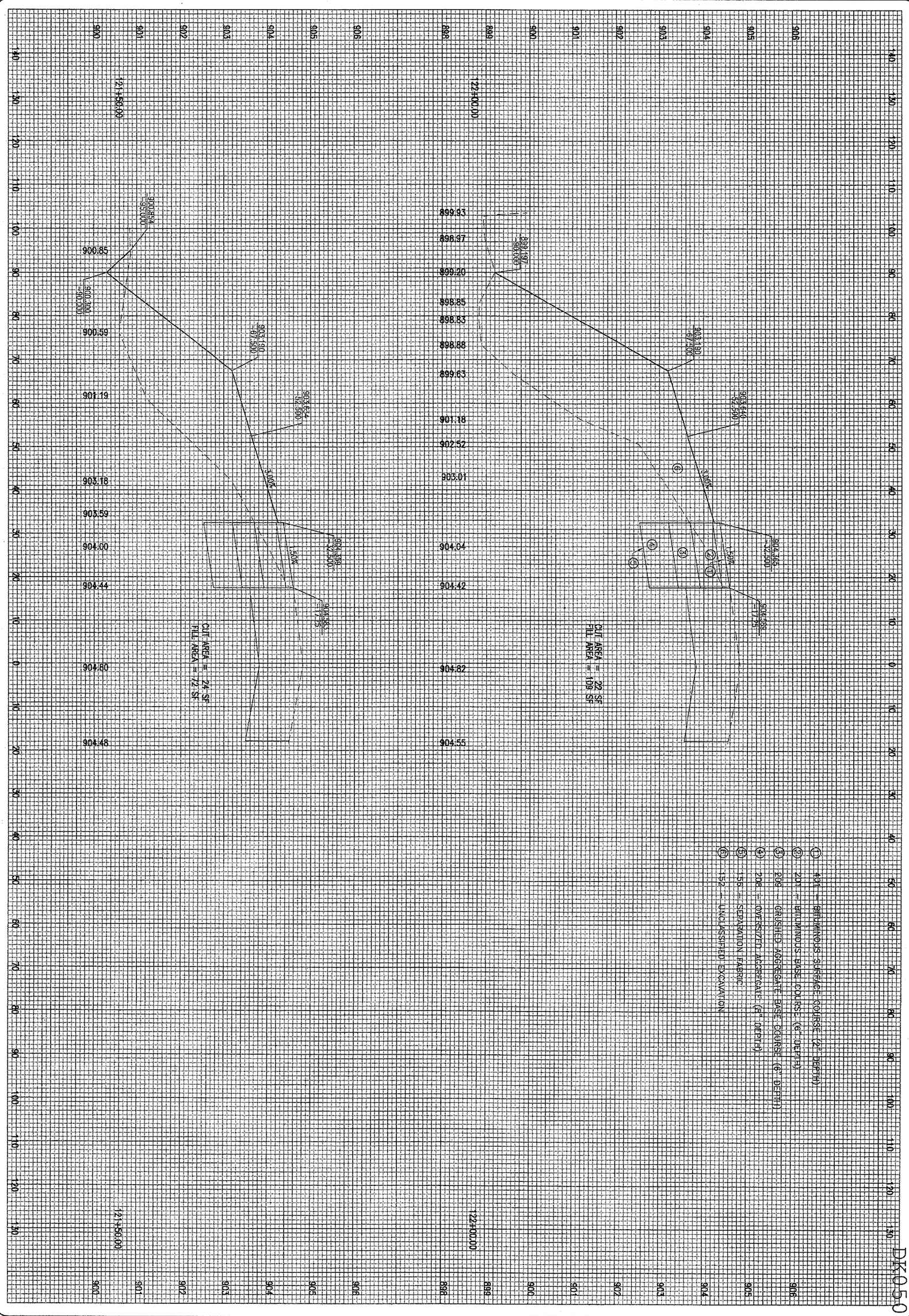
HEI Project No.
Filename $FILE$
Scale $SCALE$
Date $DATE$

LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT
IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

$FILE$ $DATE$ $USER$



DK050

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189 of 224 sheets

WIDEN TAXIWAYS A & C FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 121+50.00 TO STA. 122+00.00

HANSON
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1525 South Sixth Street
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Offices Nationwide

HEI Project No.	
Filename	$FILE$
Scale	$SCALE$
Date	$DATE$

LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT
IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

DK050

906
905
904
903
902
901
900
899
898
897

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

122.496

904.410
32.500

904.657
17.25

903.685
52.500

1.50%

3.00%

903.200
67.500

900.205
83.000

897.633
85.000

897.650
90.000

CUT AREA = 108 SF
FILL AREA = 104 SF

PROPOSED 30" CONCRETE HEADWALL

EXISTING 30" CONCRETE
HEADWALL (TO BE REMOVED)

EXISTING 30" RCCP @ 0.20%
℄ = 897.60 @ 67.5' LT

EXISTING 18" RCCP TO BE
REMOVED (8 L.F. ESTIMATED)

PROPOSED 30" RCCP 26 L.F. @ 0.20%

122+45.00

122+45.00

904.15
904.15
904.48
904.88
904.55
902.37
900.50
899.24
898.90
898.24
898.52
899.46
900.48
902.26
902.71
903.15

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

$USER$
$DATE$
$FILE$

BY	REVISION	DATE

DTMA

DeKalb Taylor Municipal Airport

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

HEI Project No. $FILE$
Filename $FILE$
Scale $SCALE$
Date $DATE$

LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

HANSON

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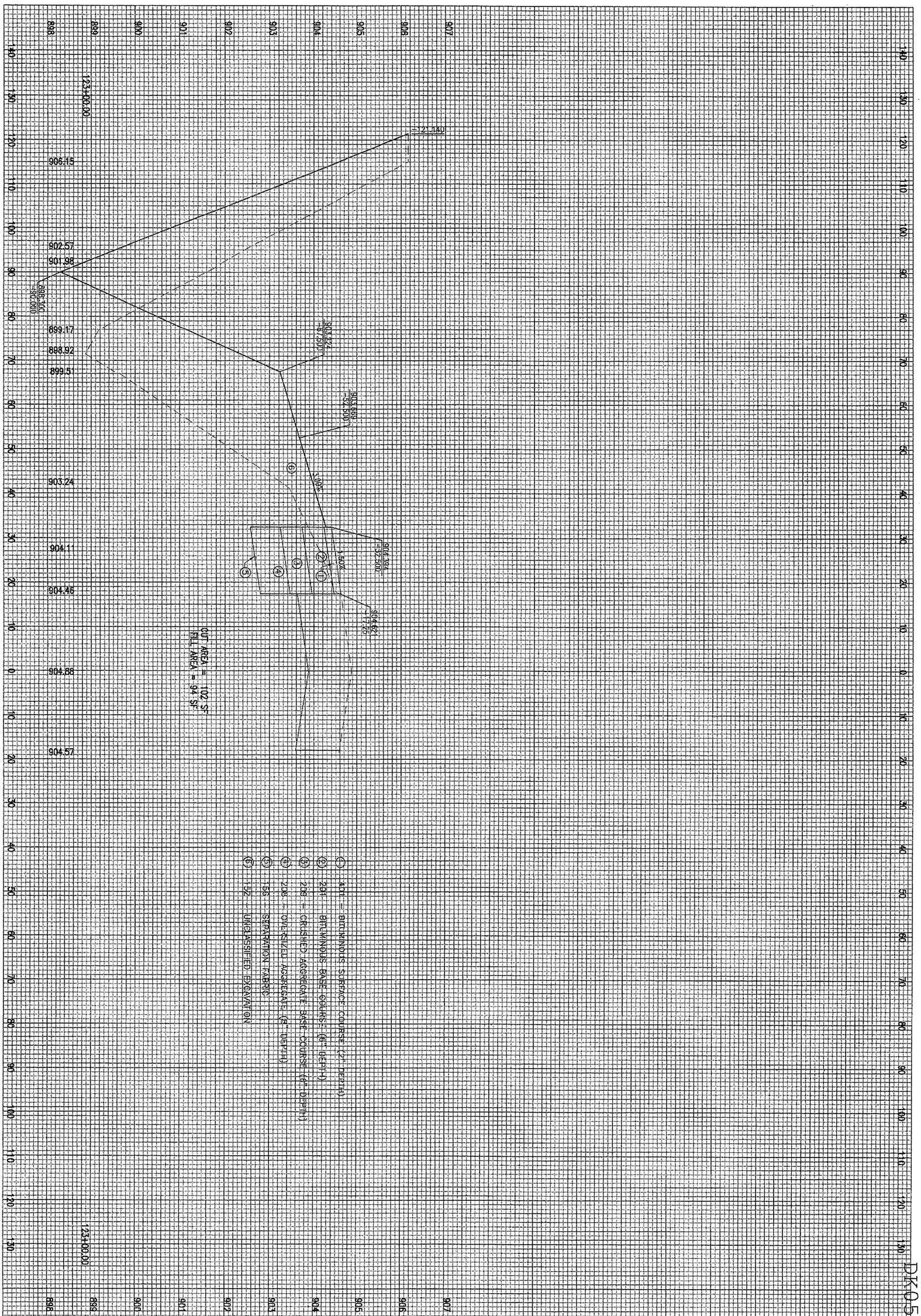
Offices Nationwide

WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 122+45.00

190

$FILE$ $DATE$ $USER$



DK050

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191

WIDEN TAXIWAYS A & C FROM 35' TO 50'

PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 123+00.00

HANSON

Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2888
Offices Nationwide

HEI Project No.
Filename $FILE$
Scale $SCALE$
Date $DATE$

LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

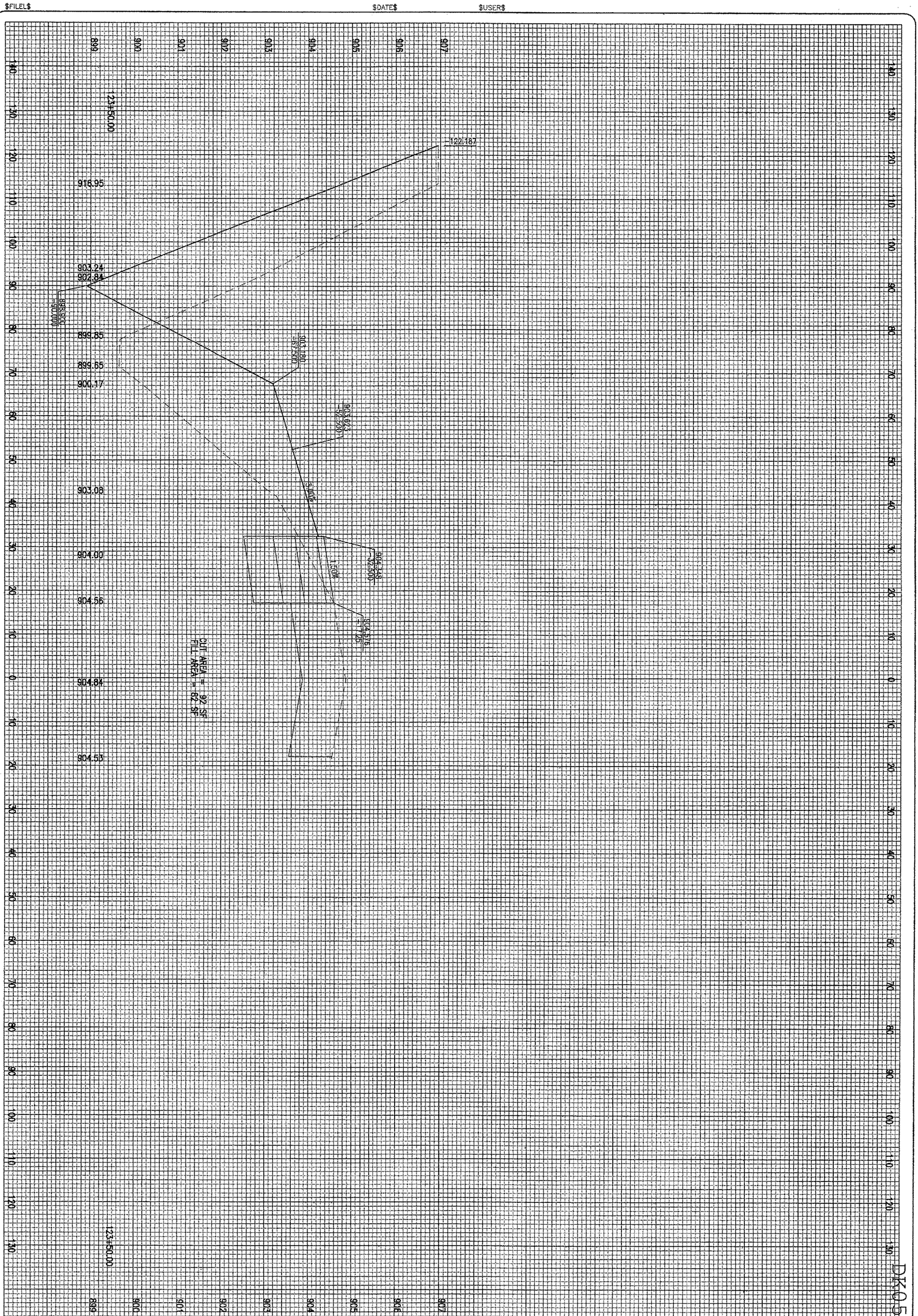
DTMA

DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

$FILEL$ $DATE$ $USER$



DK0-50

WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 123+50.00

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192 of 224 sheets

HANSON

Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

HEI Project No.	
Filename	$FILES$
Scale	$SCALE$
Date	$DATE$

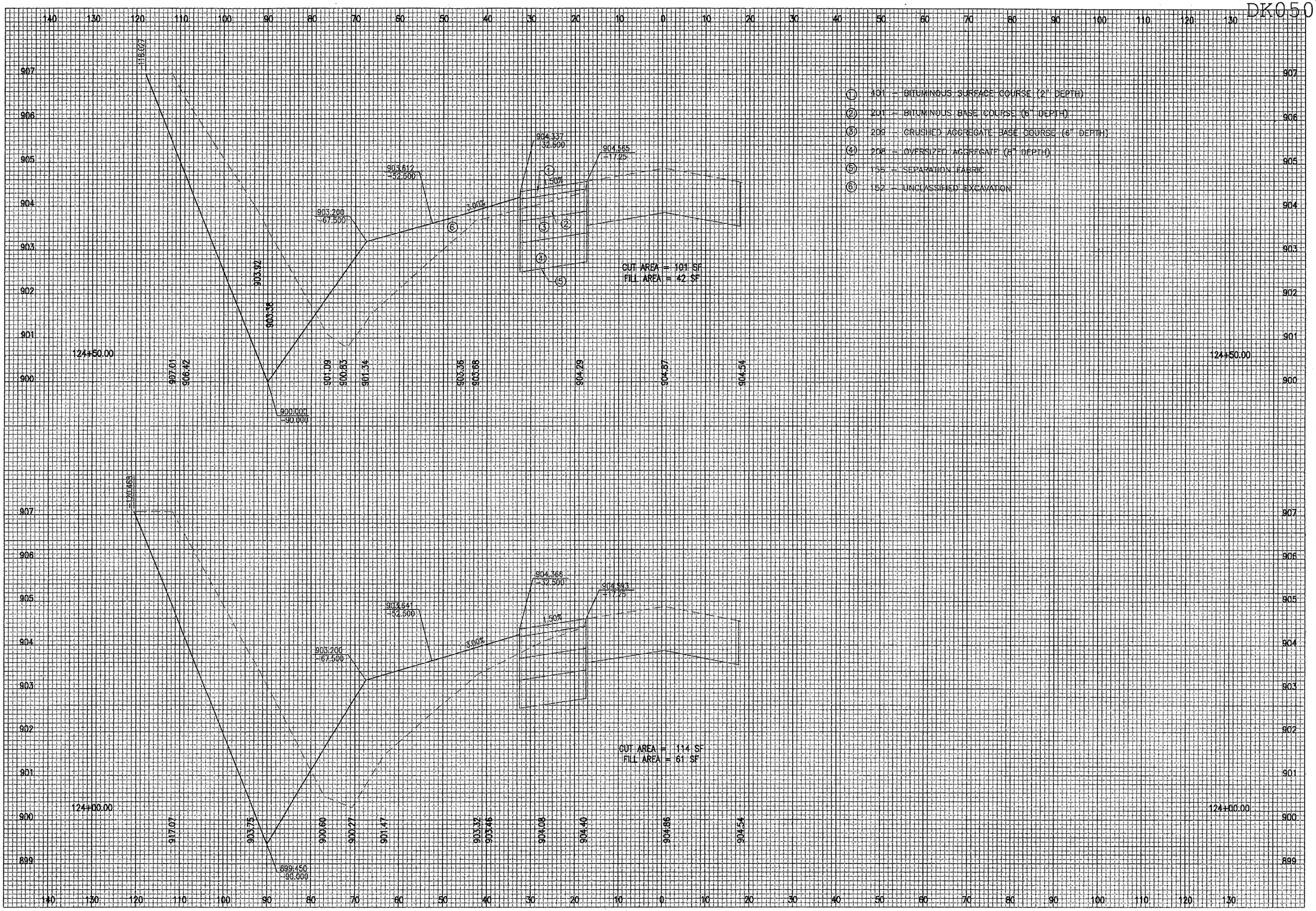
LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

DK050



$USER$

$DATE$

$FILE$

BY	DATE	REVISION

DMA

DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: OKB-3448 A.I.P. PROJ.: 3-17-0139-B42

HEI Project No. $FILE$		
Filename $SCALE$		
Scale $DATE$		
Date		
LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

HANSON

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Springfield, Illinois 62703-2886
Offices Nationwide

WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 124+00.00 TO STA. 124+50.00

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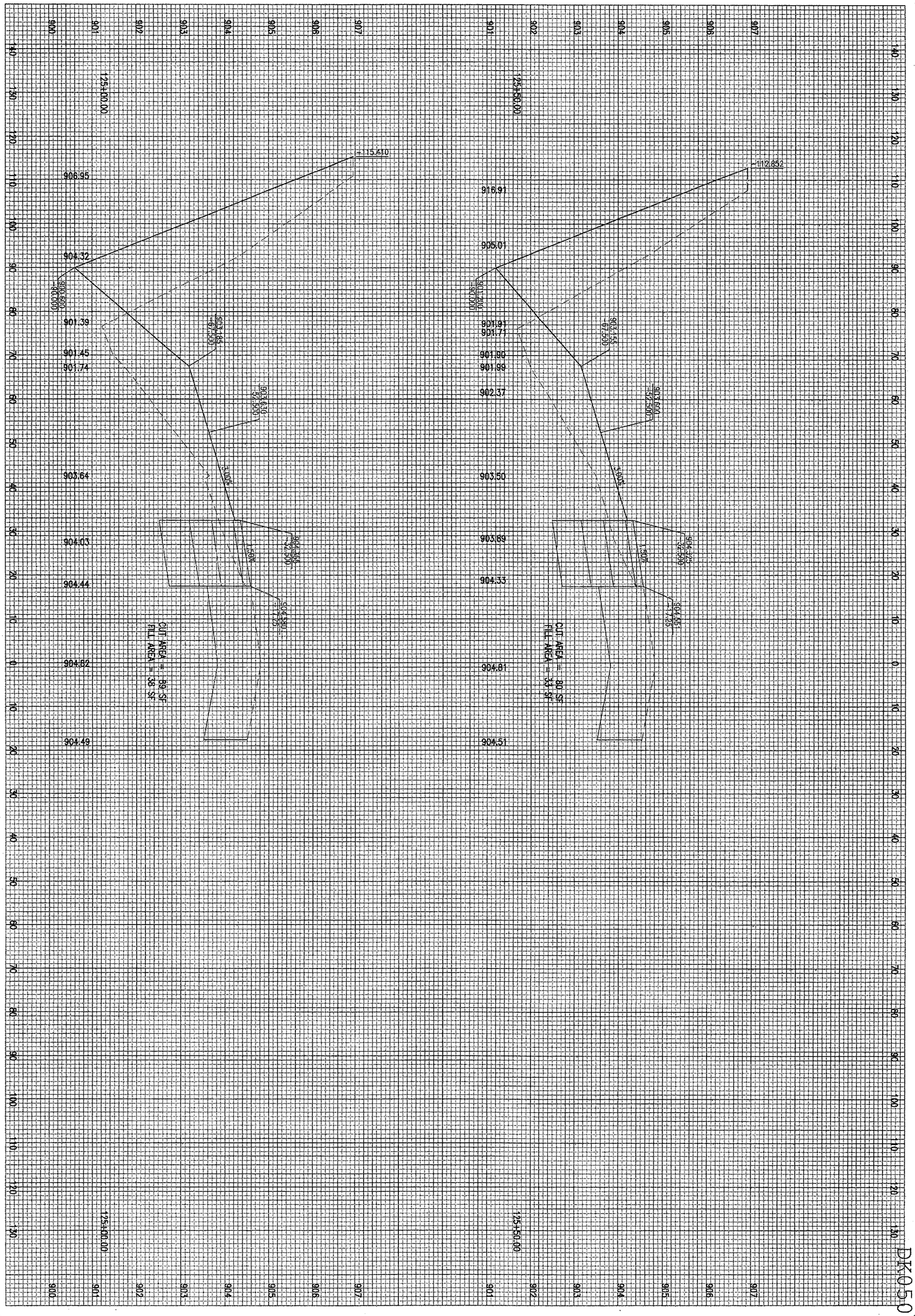
$FILE$ $DATE$ $USER$



DK050

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WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 125+00.00 TO STA. 125+50.00

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1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

HEI Project No.	$FILE$
Filename	$SCALE$
Scale	$DATE$
Date	

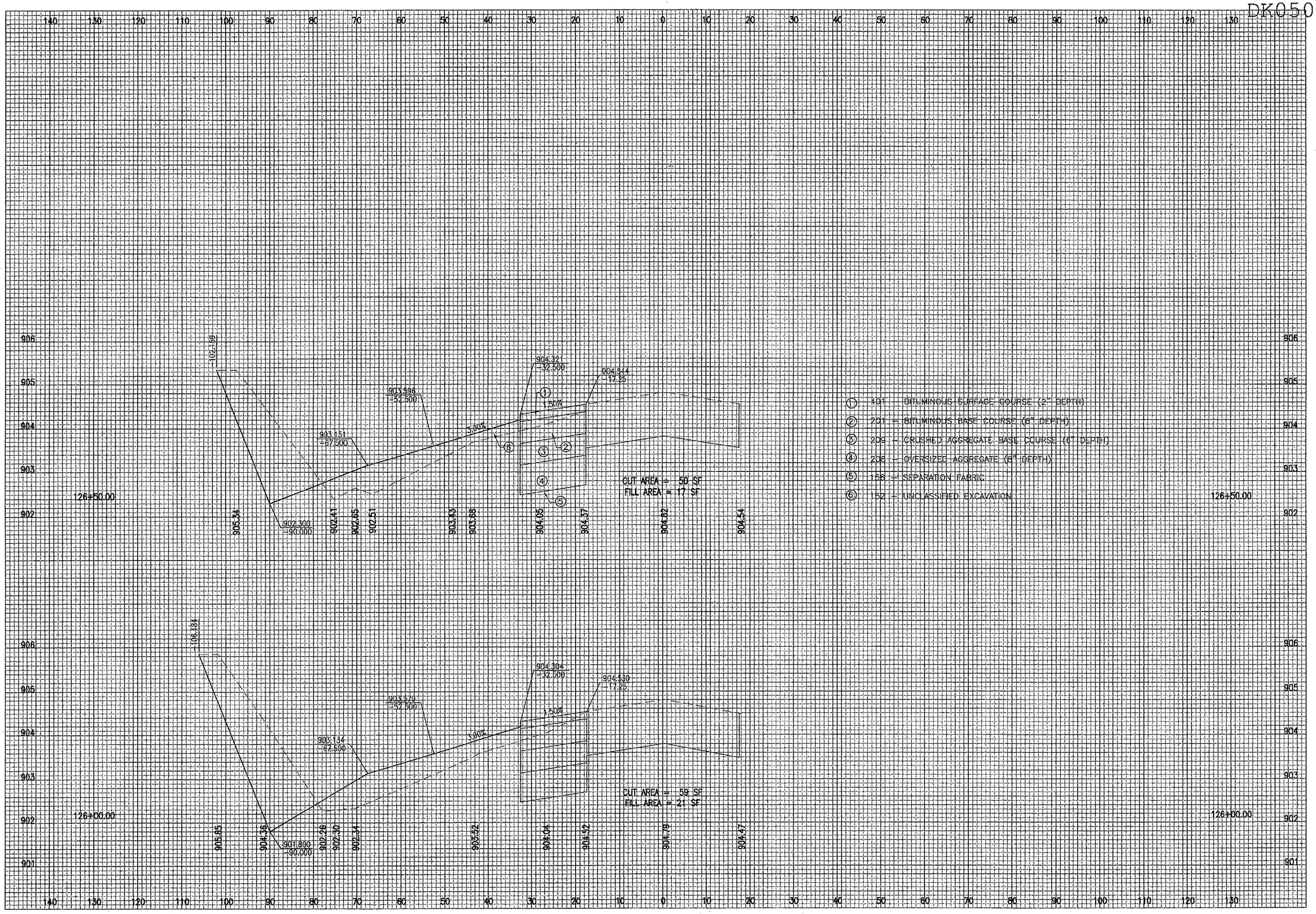
LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

DK050



① 401 – BITUMINOUS SURFACE COURSE (2" DEPTH)
② 201 – BITUMINOUS BASE COURSE (6" DEPTH)
③ 209 – CRUSHED AGGREGATE BASE COURSE (6" DEPTH)
④ 208 – OVERSIZED AGGREGATE (6" DEPTH)
⑤ 158 – SEPARATION FABRIC
⑥ 152 – UNCLASSIFIED EXCAVATION

$USER$
$DATE$
$FILE$

BY	REVISION	DATE

DTMA

DEKALB TAYLOR MUNICIPAL AIRPORT
A.I.P. PROJ.: 3-17-0139-B42
IL. PROJ.: DKB-3448

LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

HEI Project No. $FILE$
Filename $SCALE$
Scale $DATE$
Date

HANSON

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Offices Nationwide

WIDEN TAXIWAYS A & C FROM 35' TO 50'

PROPOSED CROSS-SECTIONS FOR TAXIWAY "C"
STA. 126+00.00 TO STA. 126+50.00

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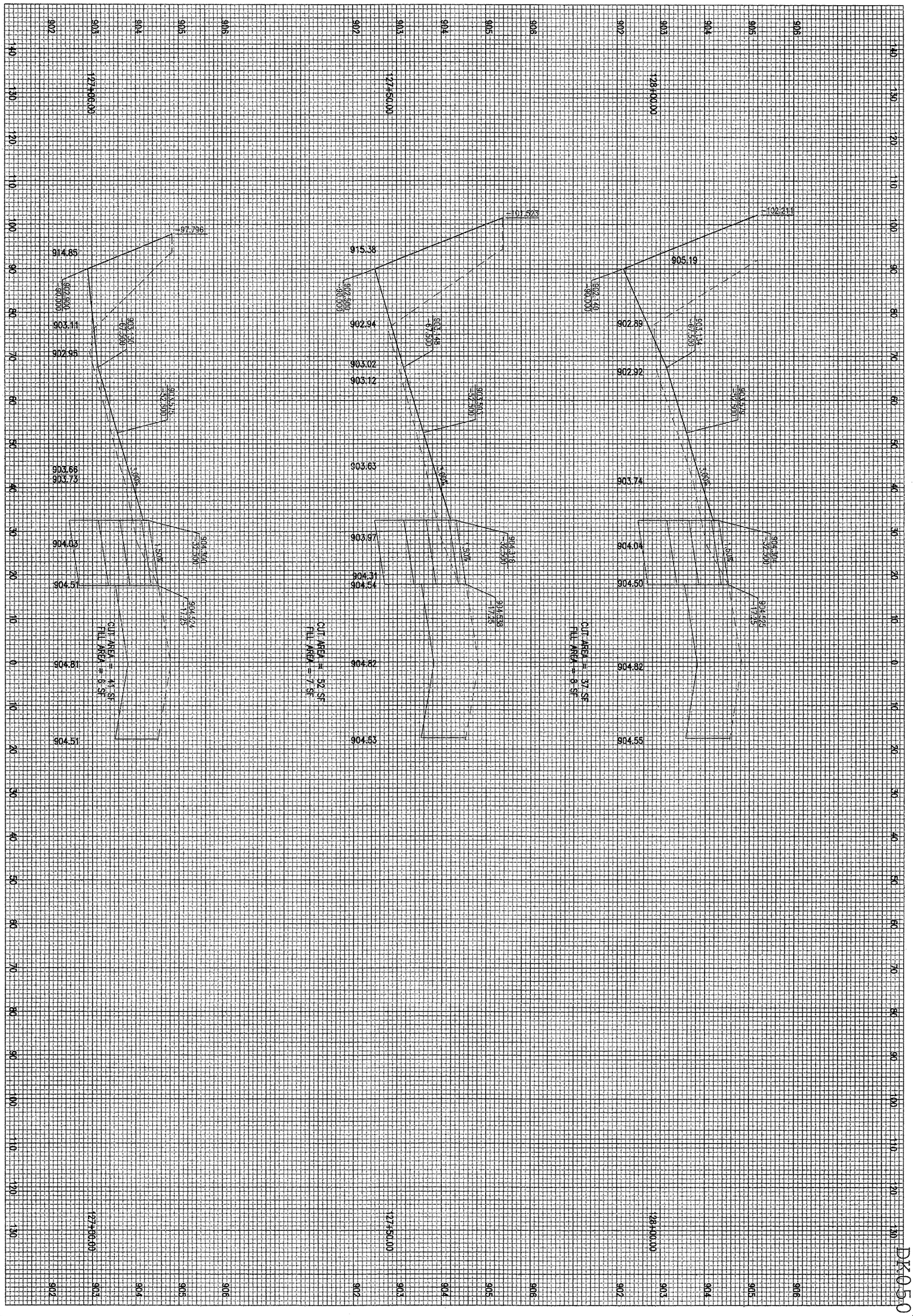
195 of 224 sheets

$FILE$ $DATE$ $USER$



DK-05-0

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WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 127+00.00 TO STA. 128+00.00

HANSON

Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

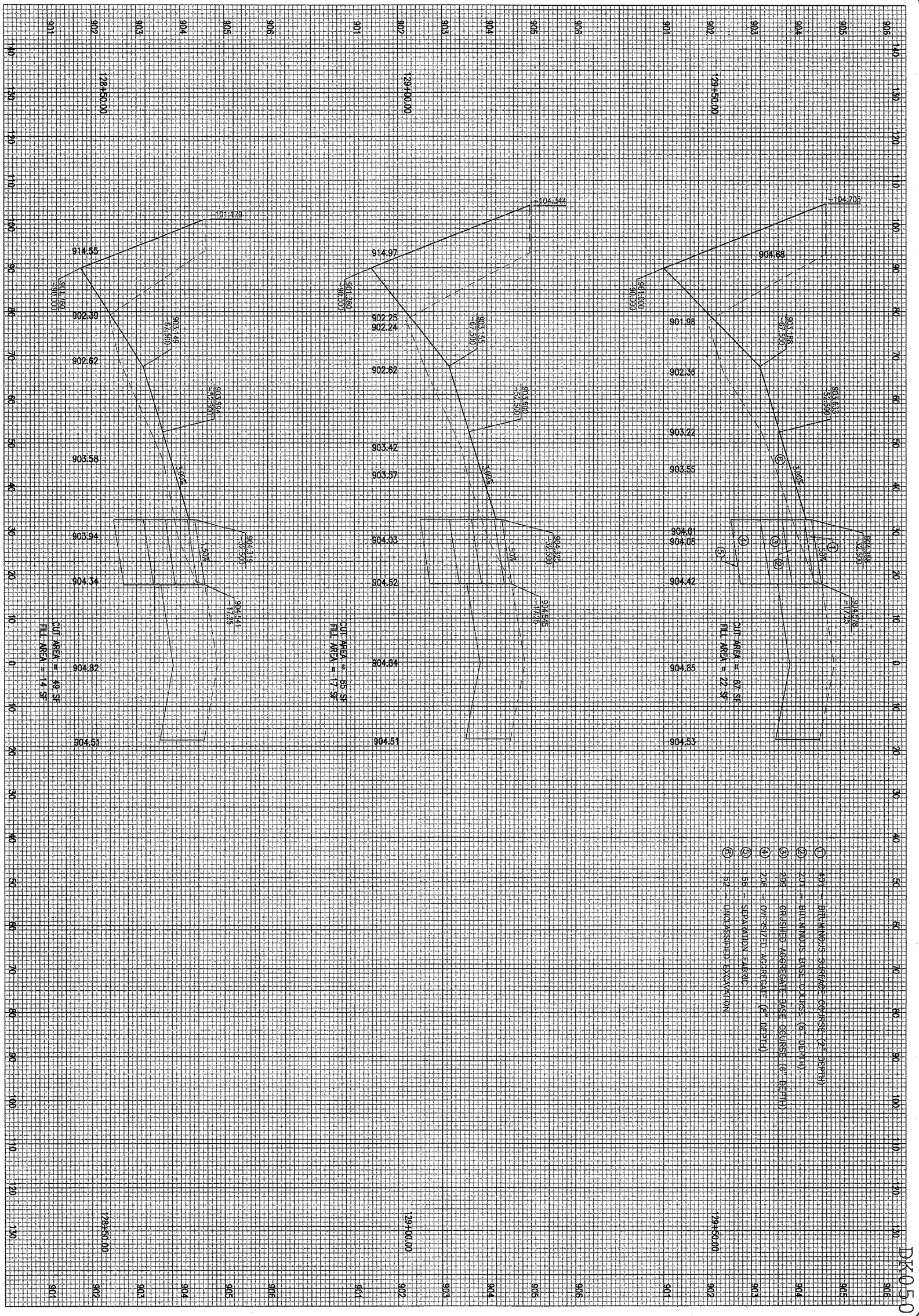
HEI Project No.	
Filename	$FILE$
Scale	$SCALE$
Date	$DATE$

LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT
IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

$FILE$ $DATE$ $USER$



DK050

WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 128+50.00 TO STA. 129+50.00

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197 of 224 sheets

HANSON

Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

HEI Project No.	$FILES$
Filename	$SCALE$
Scale	$DATE$
Date	

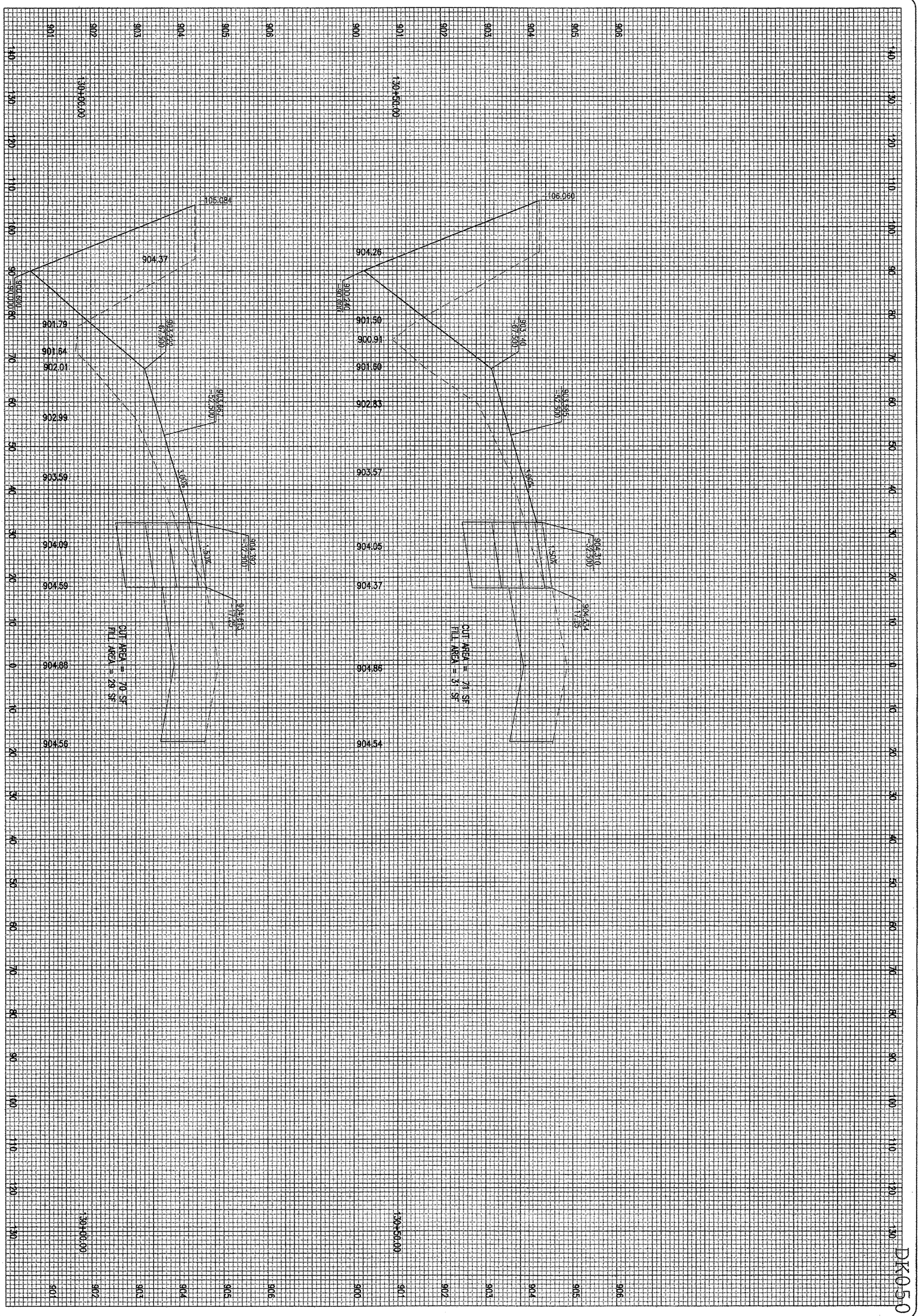
LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

$FILE$ $DATE$ $USER$



WIDEN TAXIWAYS A & C FROM 35' TO 50'	HANSON	HEI Project No. $FILE$
PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 130+00.00 TO STA. 130+50.00	Hanson Professional Services Inc. 1525 South Sixth Street Springfield, Illinois 62703-2886 Offices Nationwide	Filename $FILE$ Scale $SCALE$ Date $DATE$

LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

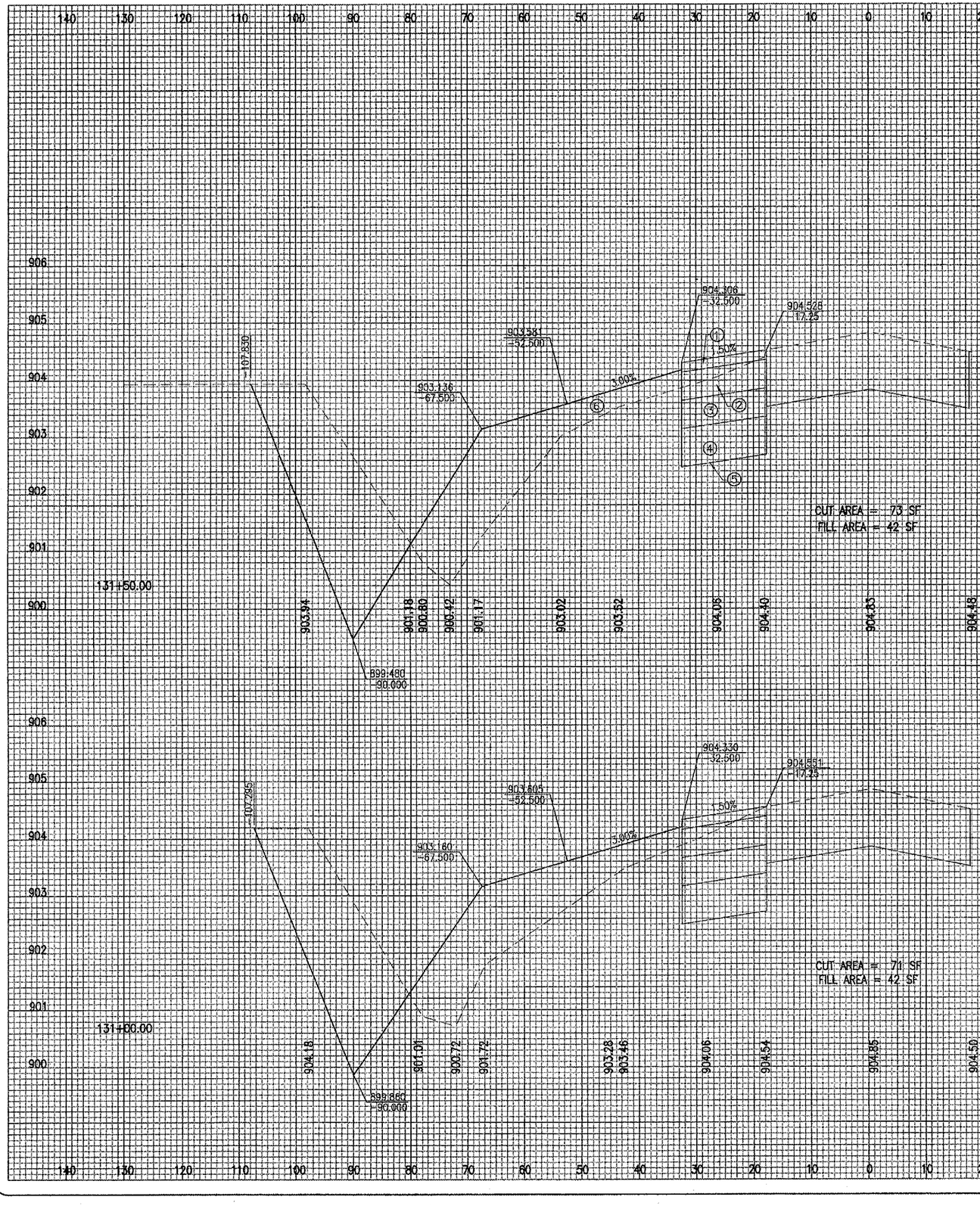
DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT
IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

198
198 of 224 sheets

DK050

DK050



CUT AREA = 73 SF
FILL AREA = 42 SF

CUT AREA = 71 SF
FILL AREA = 42 SF

① 401 – BITUMINOUS SURFACE COURSE (2" DEPTH)
② 201 – BITUMINOUS BASE COURSE (6" DEPTH)
③ 209 – CRUSHED AGGREGATE BASE COURSE (6" DEPTH)
④ 208 – OVERSIZED AGGREGATE (8" DEPTH)
⑤ 56 – SEPARATION FABRIC
⑥ 152 – UNCLASSIFIED EXCAVATION

DATE	REVISION	BY

DEKALB TAYLOR MUNICIPAL AIRPORT
IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

HEI Project No. $FILES$
Filename $SCALE$
Scale $DATE$
Date

LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

HANSON
Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

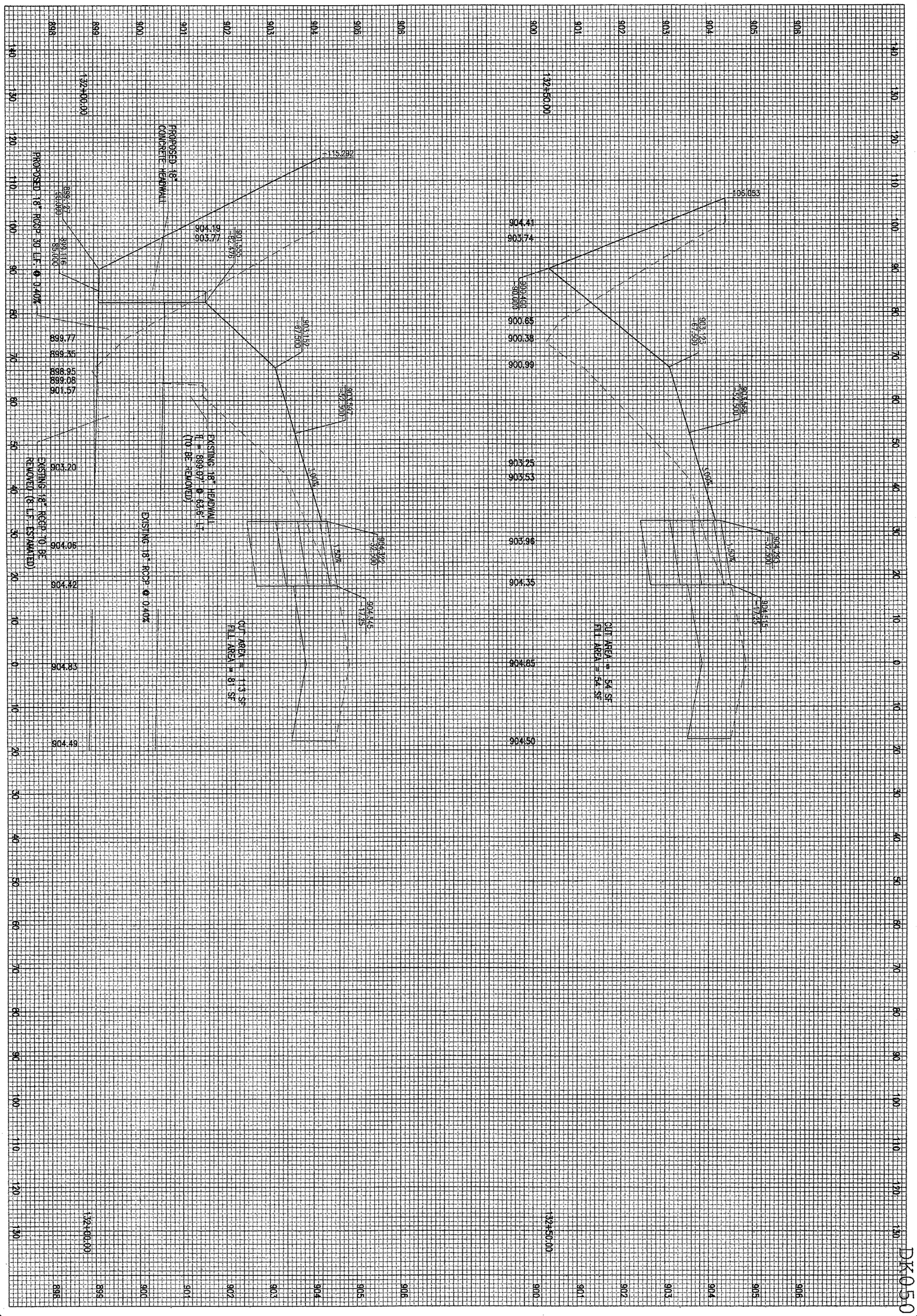
WIDEN TAXIWAYS A & C FROM 35' TO 50'

PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 131+00.00 TO STA. 131+50.00

199
199 of 224 sheets

$USER$ $DATE$ $FILE$

$FILE$ $DATE$ $USER$



DK-0150

WIDEN TAXIWAYS A & C FROM 35' TO 50'	HANSON	HEI Project No. $FILES$
PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 132+00.00 TO STA. 132+50.00	Hanson Professional Services Inc. 1525 South Sixth Street Springfield, Illinois 62703-2885 Offices Nationwide	Filename $SCALE$ Scale $DATE$ Date

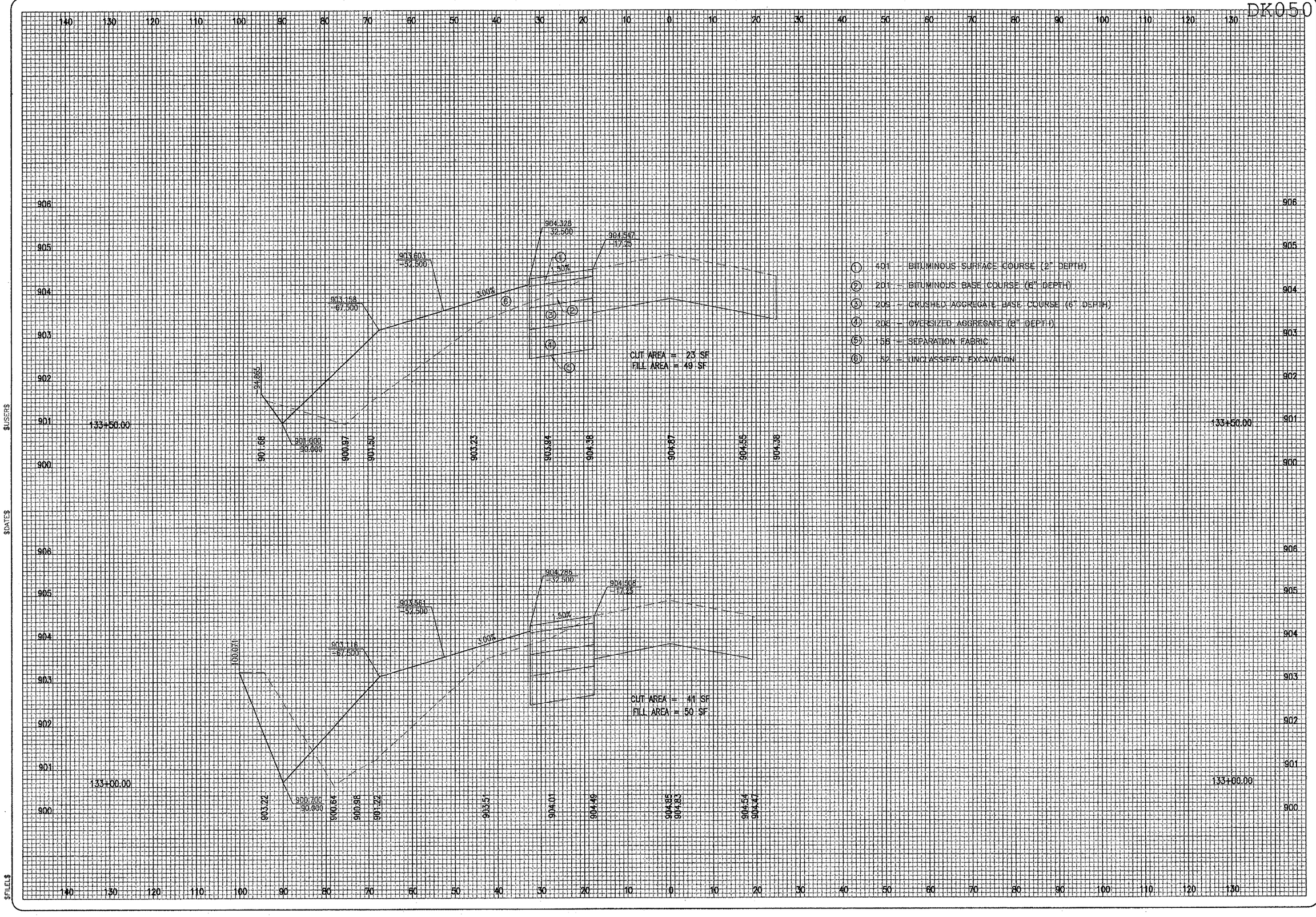
LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT
IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

200
200 of 214 sheets

DK050



1. 401 – BITUMINOUS SURFACE COURSE (2" DEPTH)
2. 201 – BITUMINOUS BASE COURSE (6" DEPTH)
3. 209 – CRUSHED AGGREGATE BASE COURSE (6" DEPTH)
4. 208 – OVERSIZED AGGREGATE (8" DEPTH)
5. 158 – SEPARATION FABRIC
6. 52 – UNCLASSIFIED EXCAVATION

DATE	REVISION	BY

DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

HEI Project No. $FILES$
Filename $SCALE$
Scale $DATE$
Date

LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

HANSON

Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

WIDEN TAXIWAYS A & C FROM 35' TO 50'

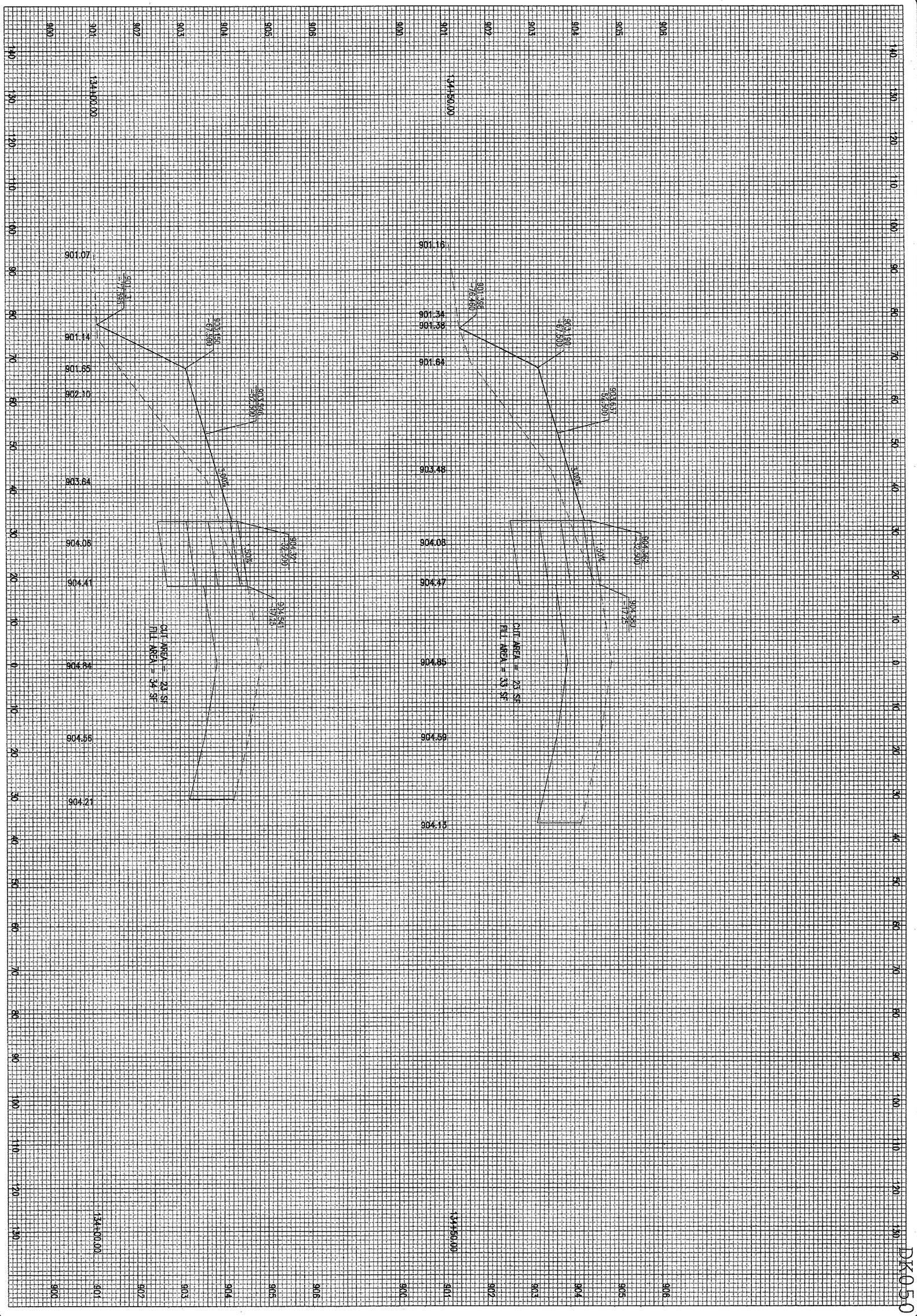
PROPOSED CROSS-SECTIONS FOR TAXIWAY 'C' STA. 133+00.00 TO STA. 133+50.00

201

201 of 224 sheets

$USER$ $DATE$ $FILE$

$FILE$ $DATE$ $USER$



DK050

WIDEN TAXIWAYS A &C FROM 35' TO 50'

PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 134+00.00 TO STA. 134+50.00

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HANSON

Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

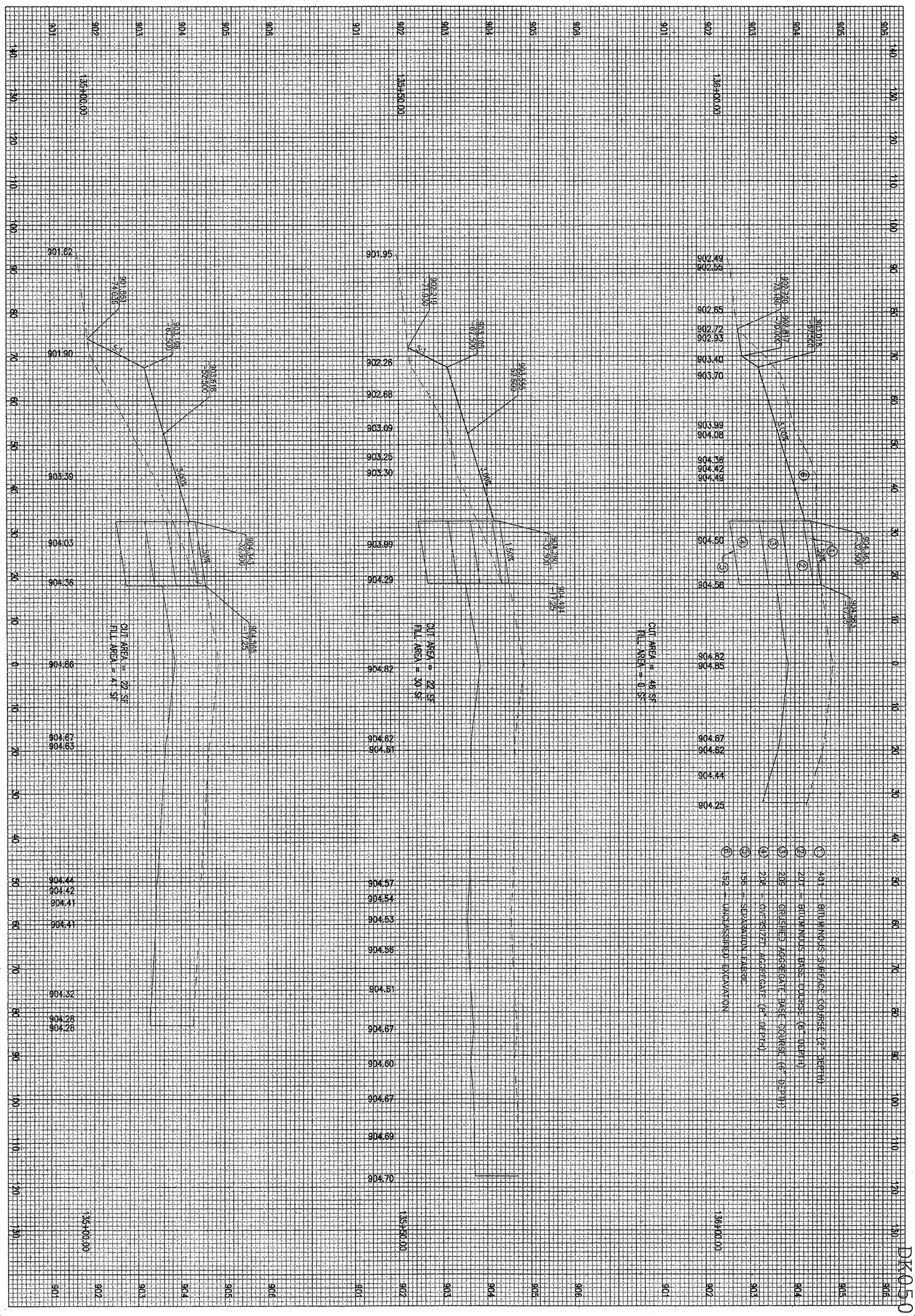
HEI Project No. $FILES$
Filename $SCALE$
Scale $DATE$
Date

LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT
IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

$FILE$ $DATE$ $USER$



DK050

203 of 224 sheets	WIDEN TAXIWAYS A & C FROM 35' TO 50'	HANSON
	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 135+00.00 TO STA. 136+00.00	Hanson Professional Services Inc. 1525 South Sixth Street Springfield, Illinois 62703-2886 Offices Nationwide

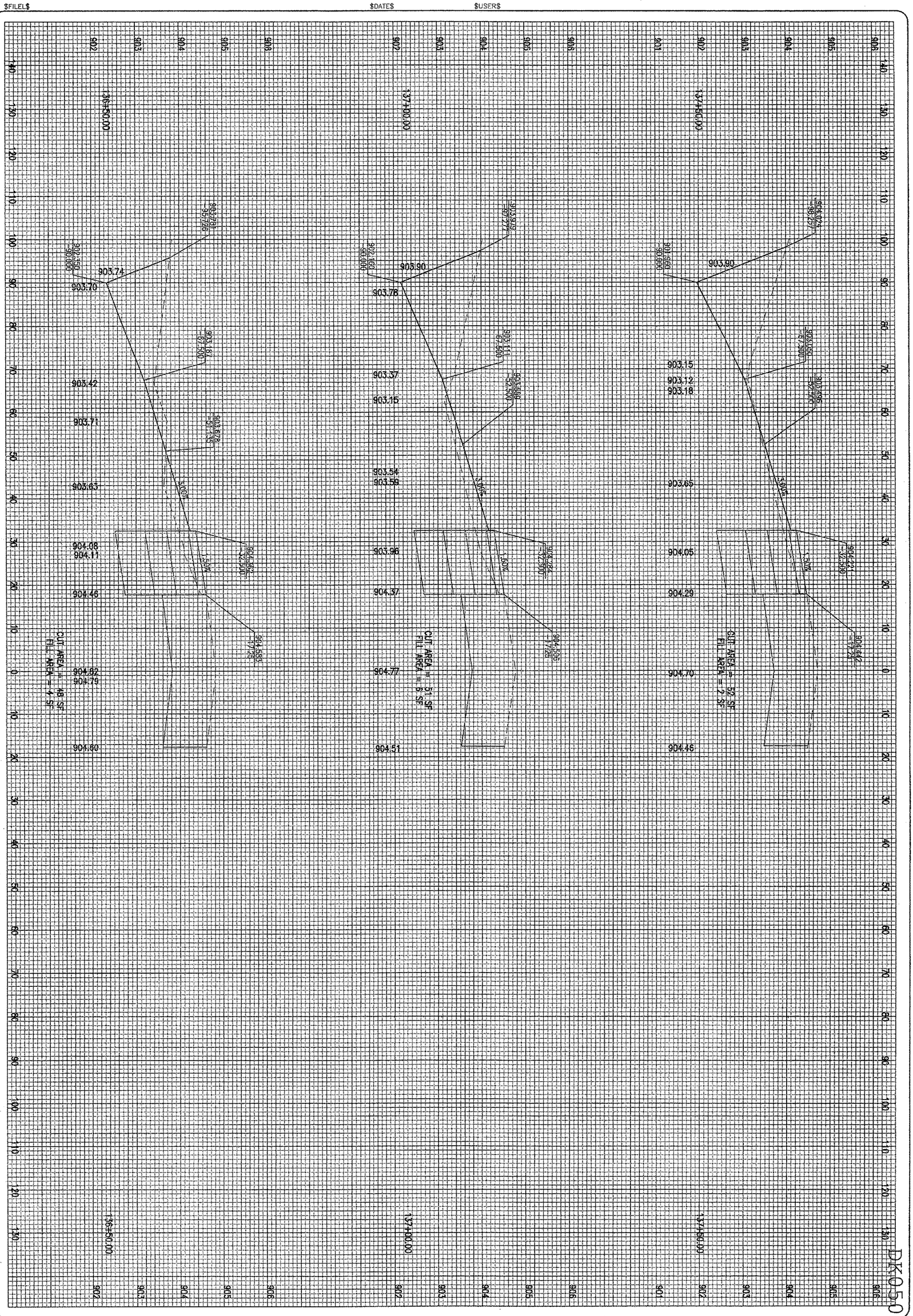
HEI Project No. $FILES$
Filename $SCALE$
Scale
Date $DATE$

LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT
IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

$FILE$ $DATE$ $USER$



DK050

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204 of 224 sheets

WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 136+50.00 TO STA. 137+50.00

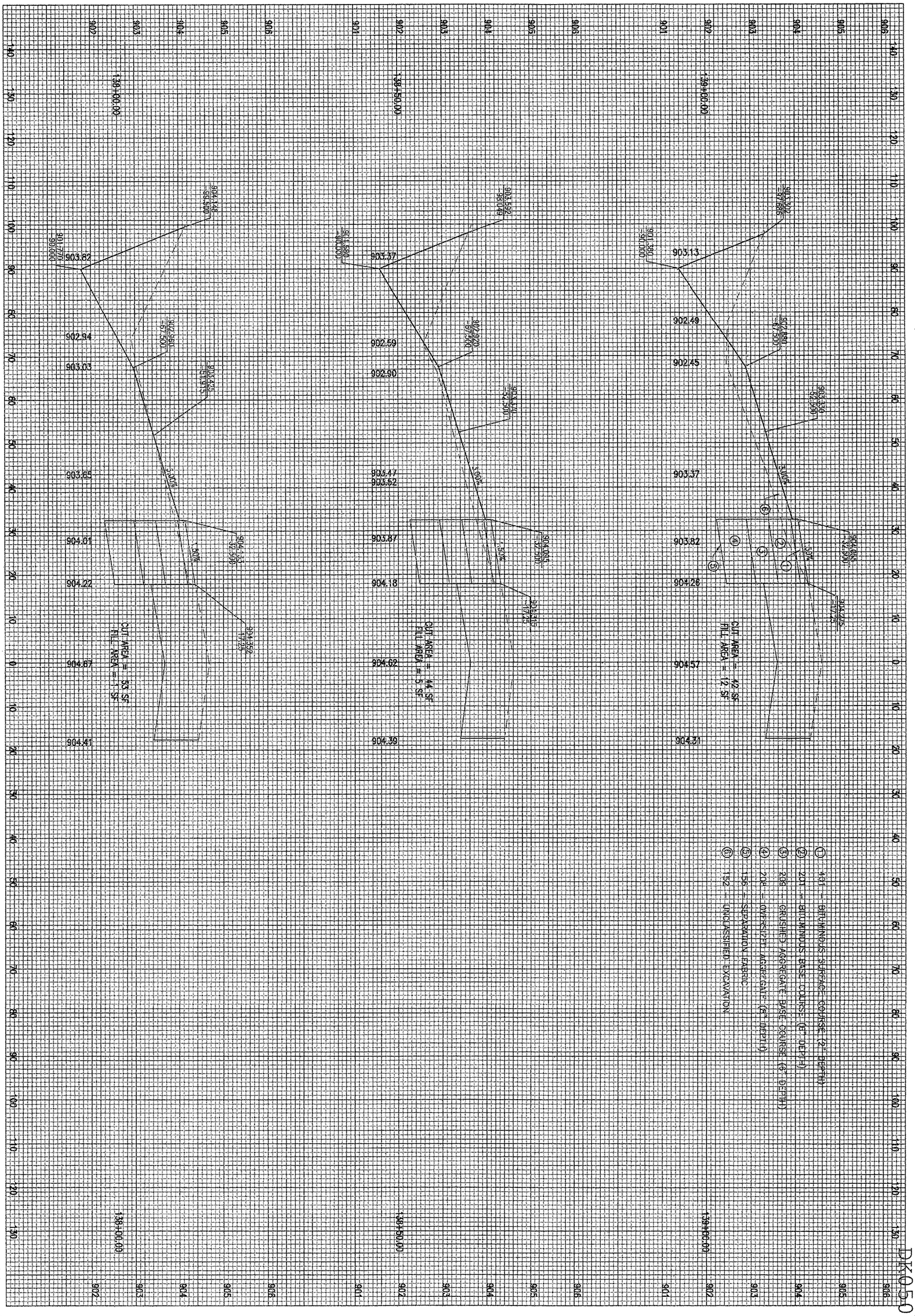
HANSON
Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

HPI Project No.	$FILES$	
Filename	$SCALE$	
Scale	$DATE$	
Date		
LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT
IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

$FILEL$ $DATE$ $USER$



DK050

205 of 224 sheets

WIDEN TAXIWAYS A & C FROM 35' TO 50'

PROPOSED CROSS-SECTIONS FOR TAXIWAY "C"
STA. 138+00.00 TO STA. 139+00.00

HANSON
Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

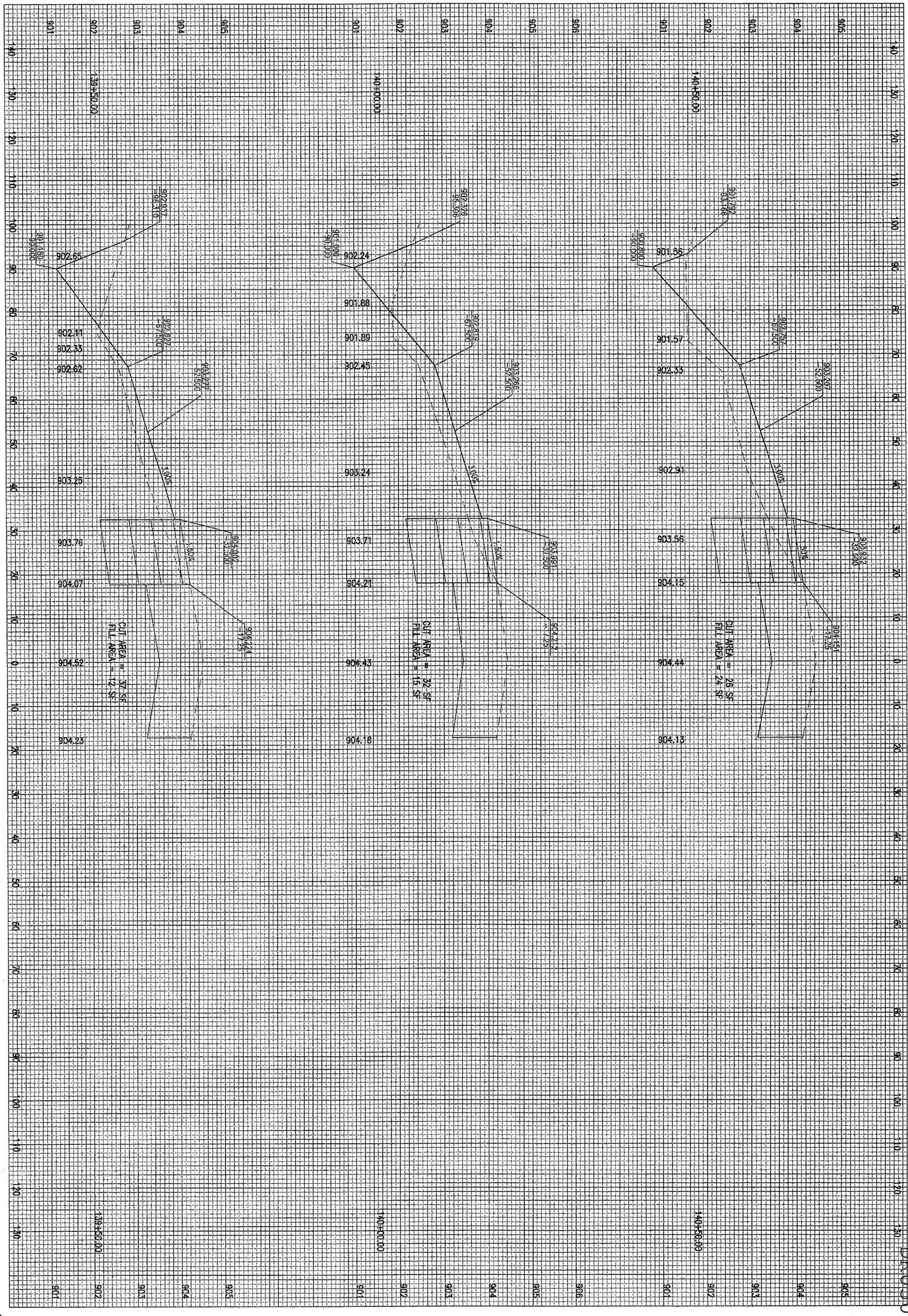
HEI Project No.	
Filename	$FILES$
Scale	$SCALES$
Date	$DATES$

LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT
IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

$FILE$ $DATE$ $USER$



DK0-50

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WIDEN TAXIWAYS A & C FROM 35' TO 50'

PROPOSED CROSS-SECTIONS FOR TAXIWAY "C"
STA. 139+50.00 TO STA. 140+50.00

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Springfield, Illinois 62703-2886
Offices Nationwide

HPI Project No.	$FILE$
Filename	$SCALE$
Scale	$DATE$
Date	

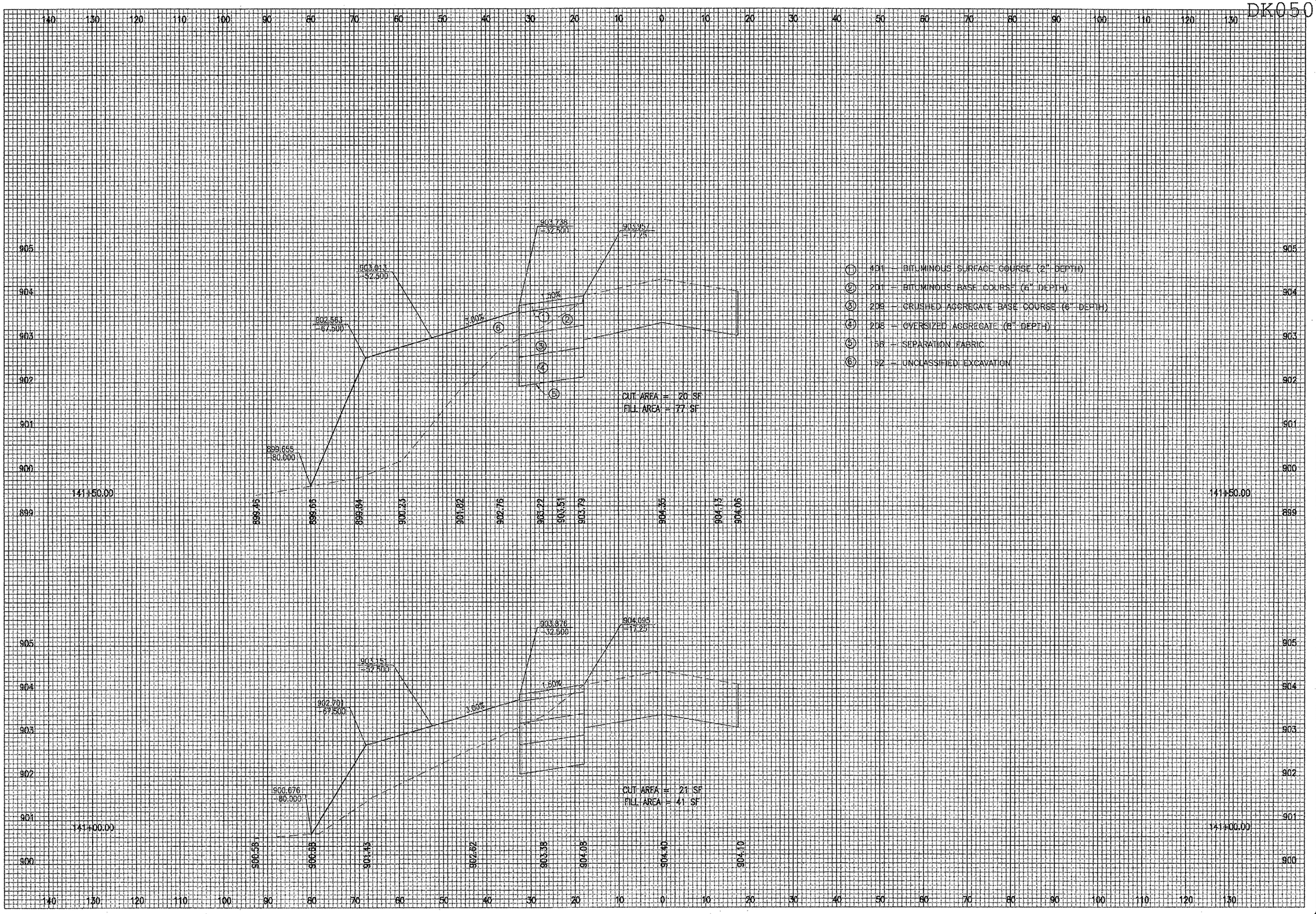
LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

DK050



① 401 = BITUMINOUS SURFACE COURSE (2" DEPTH)
② 201 = BITUMINOUS BASE COURSE (6" DEPTH)
③ 209 = CRUSHED AGGREGATE BASE COURSE (6" DEPTH)
④ 208 = OVERSIZED AGGREGATE (6" DEPTH)
⑤ 158 = SEPARATION FABRIC
⑥ 152 = UNCLASSIFIED EXCAVATION

BY	REVISION	DATE

DMA

DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

MBI Project No. $FILES$
Filename $FILES$
Scale $SCALE$
Date $DATE$

LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

HANSON

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1525 South Sixth Street
Springfield, Illinois 62703-2686
Offices Nationwide

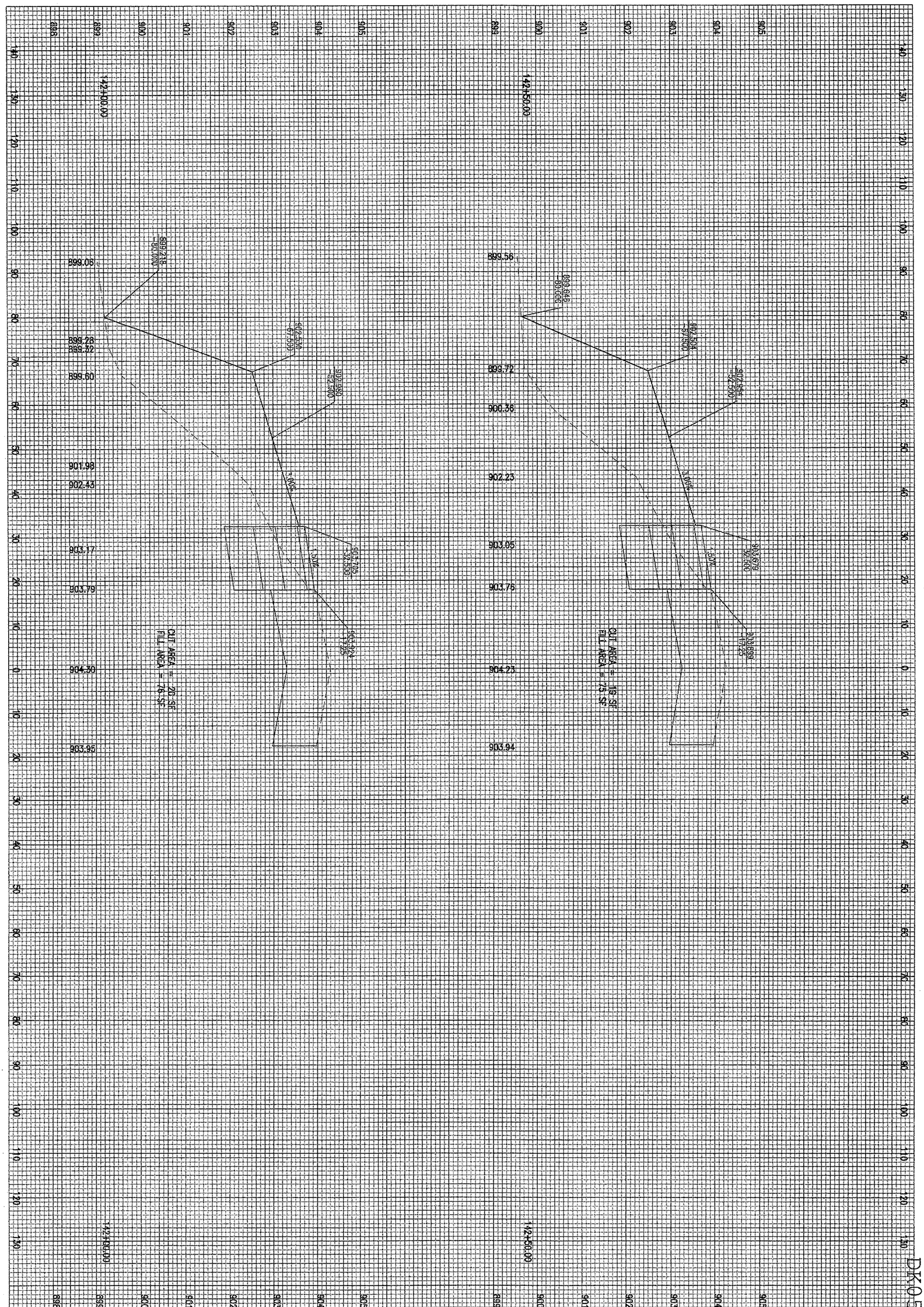
WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 141+00.00 TO STA. 141+50.00

207
207 of 224 sheets

$USER$ $DATE$ $FILE$

$FILE$ $DATE$ $USER$



DK0550

208

WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 142+00.00 TO STA. 142+50.00

226 of 224 sheets

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HEI Project No.	$FILES$
Filename	$SCALE$
Scale	$DATE$
Date	

LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

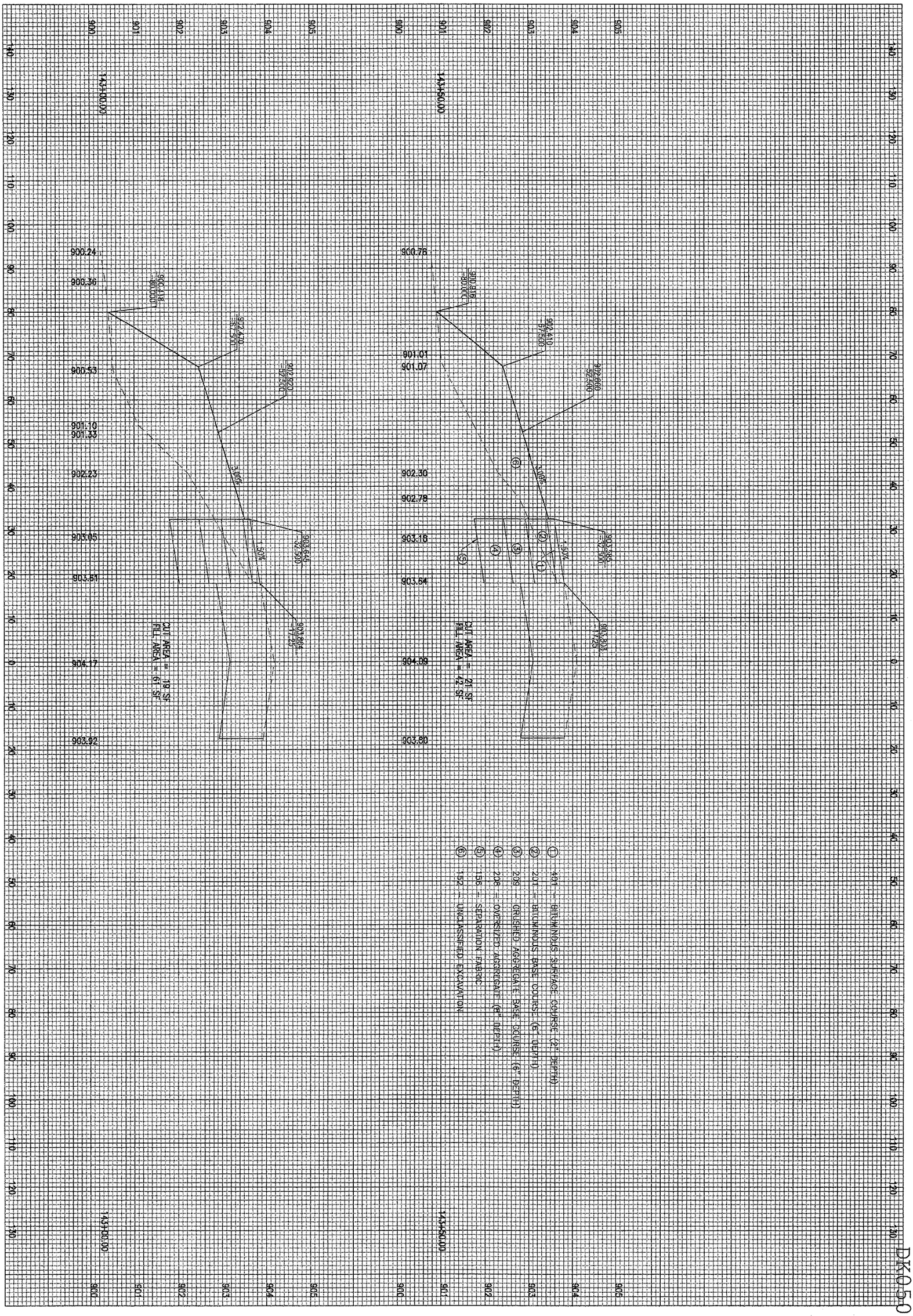
DTMA

DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

$FILE$ $DATE$ $USER$



PK0.50

209

WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 143+00.00 TO STA. 143+50.00

202 of 224 sheets

HANSON

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1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

HB Project No.	$FILE$
Filename	$SCALE$
Scale	$DATE$
Date	

LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

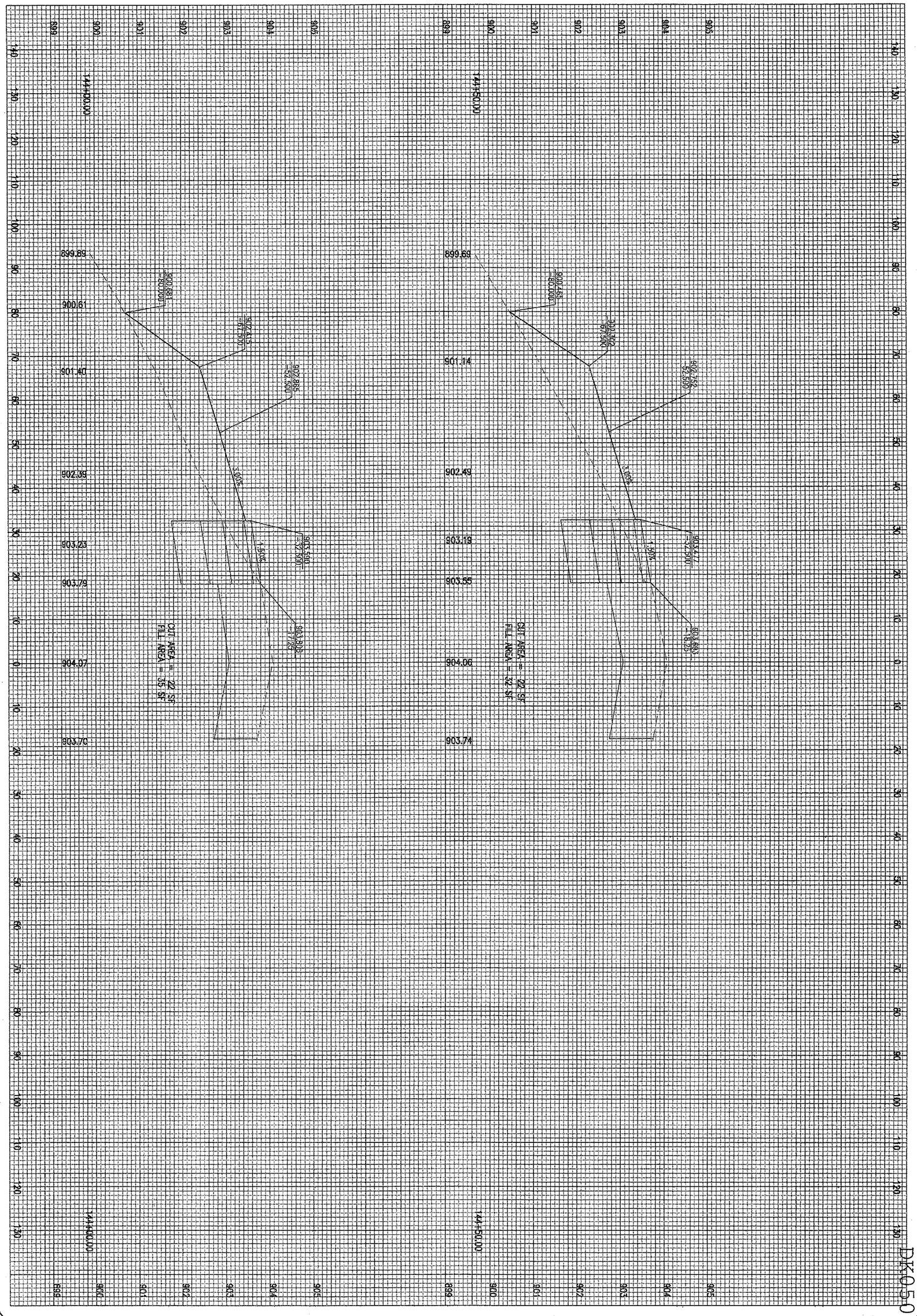
DTMA

DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

$FILEL$ $DATE$ $USER$



DK-0.50

210 of 224 sheets

210

WIDEN TAXIWAYS A & C FROM 35' TO 50'

PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 144+00.00 TO STA. 144+50.00

HANSON

Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

HE! Project No.
Filename $FILES$
Scale $SCALE$
Date $DATE$

LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

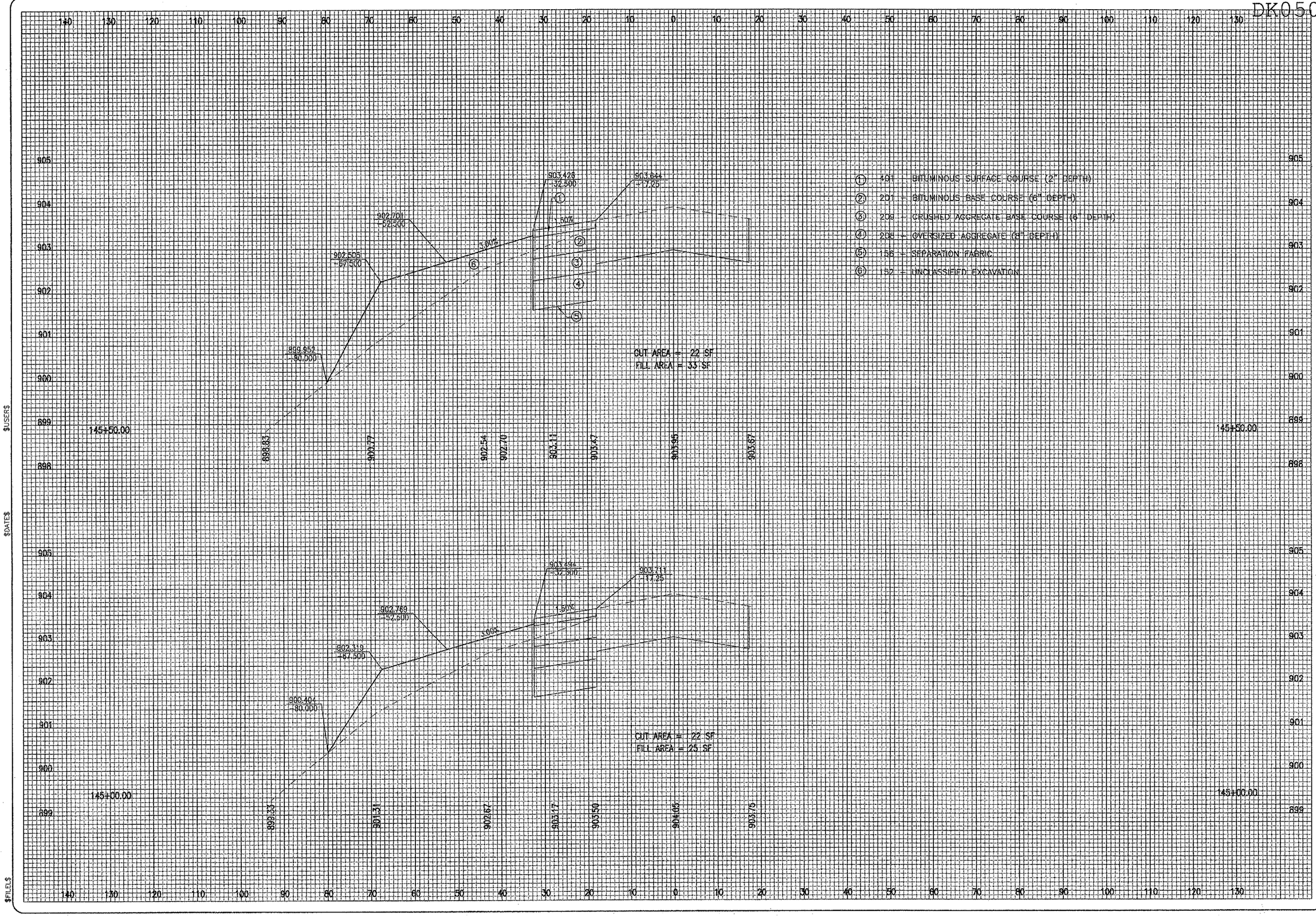
DTMA

DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

DK050



① 401 – BITUMINOUS SURFACE COURSE (2" DEPTH)
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④ 205 – OVERSIZED AGGREGATE (8" DEPTH)
⑤ 158 – SEPARATION FABRIC
⑥ 152 – UNCLASSIFIED EXCAVATION

BY	DATE	REVISION

DEKALB TAYLOR MUNICIPAL AIRPORT
IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

Hill Project No. $FILES$
Filename $FILES$
Scale $SCALE$
Date $DATE$

LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

HANSON

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1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

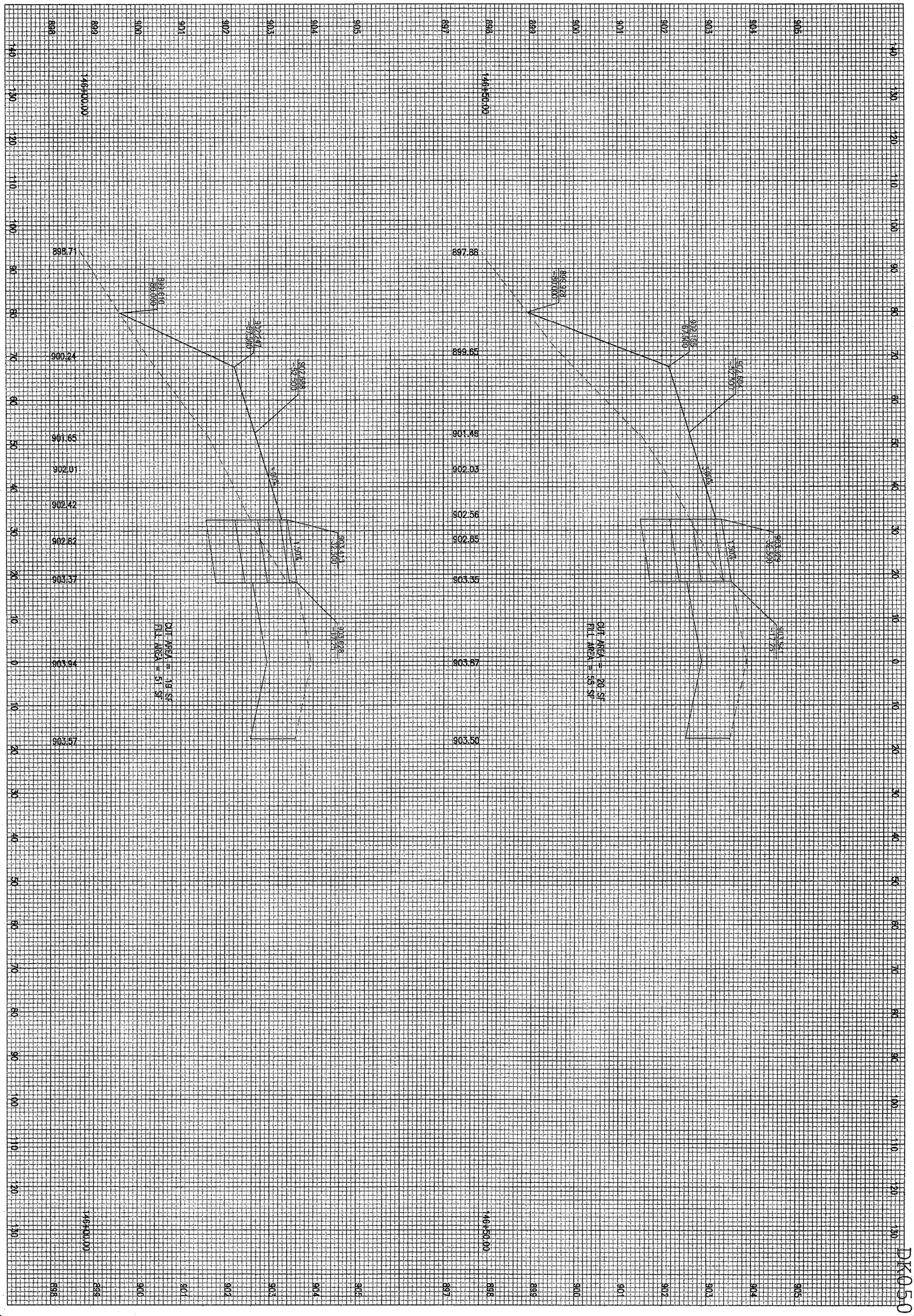
WIDEN TAXIWAYS A & C FROM 35' TO 50'

PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 145+00.00 TO STA. 145+50.00

211
211 of 224 sheets

$USER$ $DATE$ $FILE$

$FILEL$ $DATE$ $USER$



DK050

212
212 of 224 sheets

WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 146+00.00 TO STA. 146+50.00

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1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

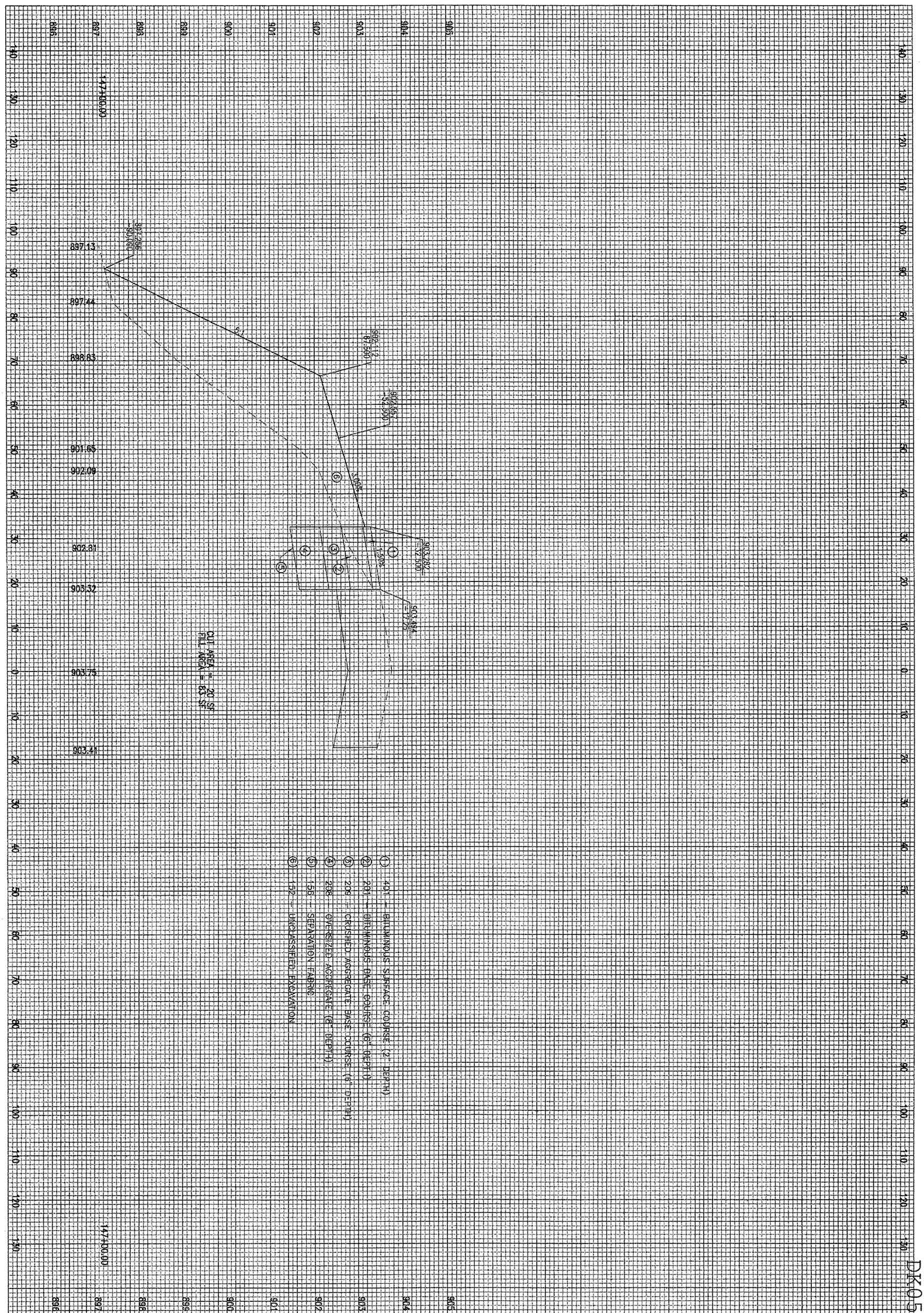
HPI Project No. $FILES$
Filename $SCALE$
Scale $DATE$
Date

LAYOUT	MDR	01/17/06
DRAWN	MDR	01/17/06
REVIEWED	CAH	02/22/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT
IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

$FILE$ $DATE$ $USER$



DK050

WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 147+00.00

213
213 of 224 sheets

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Hanson Professional Services Inc.
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Offices Nationwide

HEI Project No. $FILES$
Filename $SCALE$
Scale $DATE$
Date

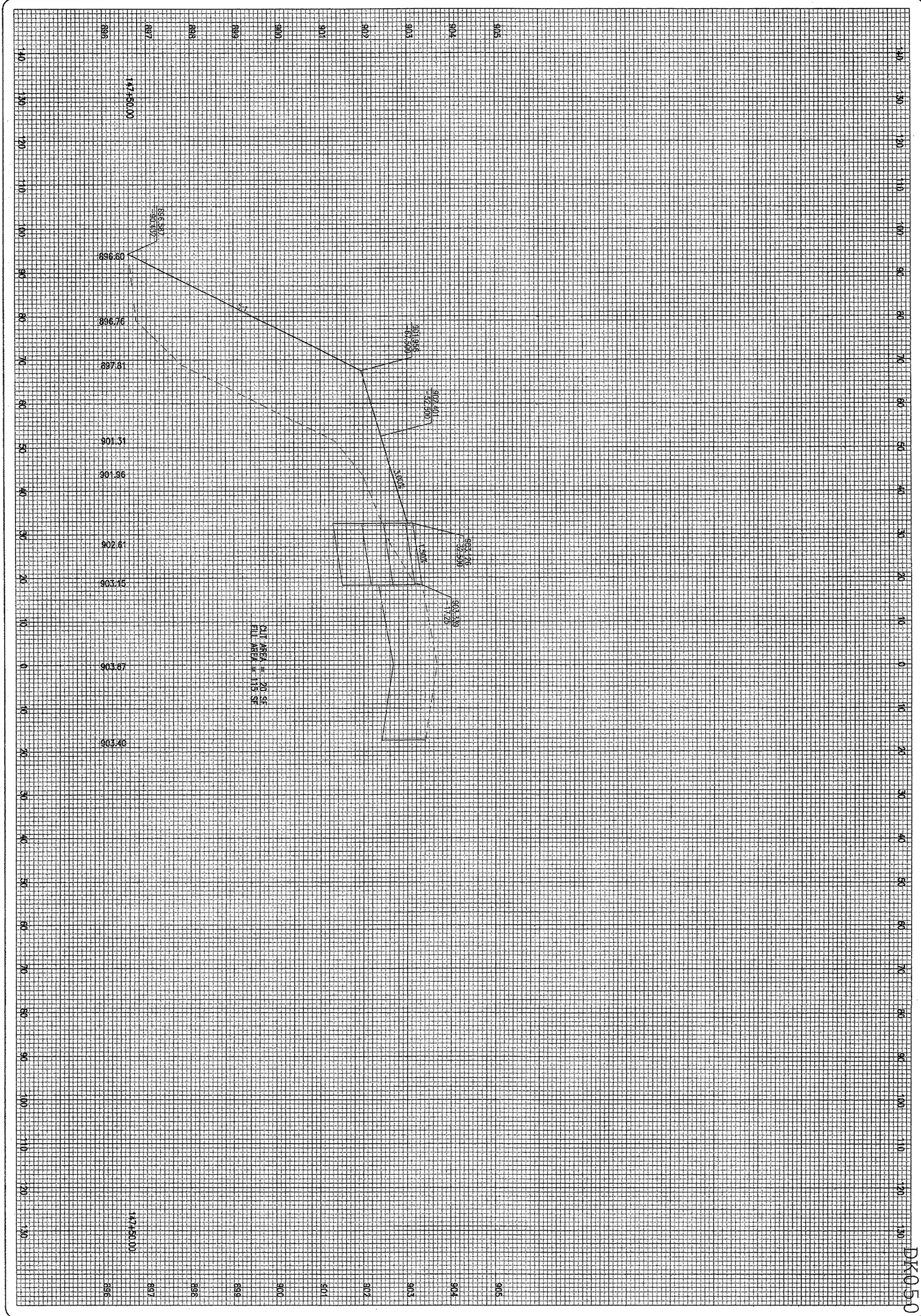
LAYOUT	MDR	01/18/06
DRAWN	MDR	01/18/06
REVIEWED	CAH	02/22/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

$FILE$ $DATE$ $USER$



DK050

214
214 of 224 sheets

WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 147+50.00

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Offices Nationwide

HEI Project No. $FILES$
Filename $SCALE$
Scale
Date $DATE$

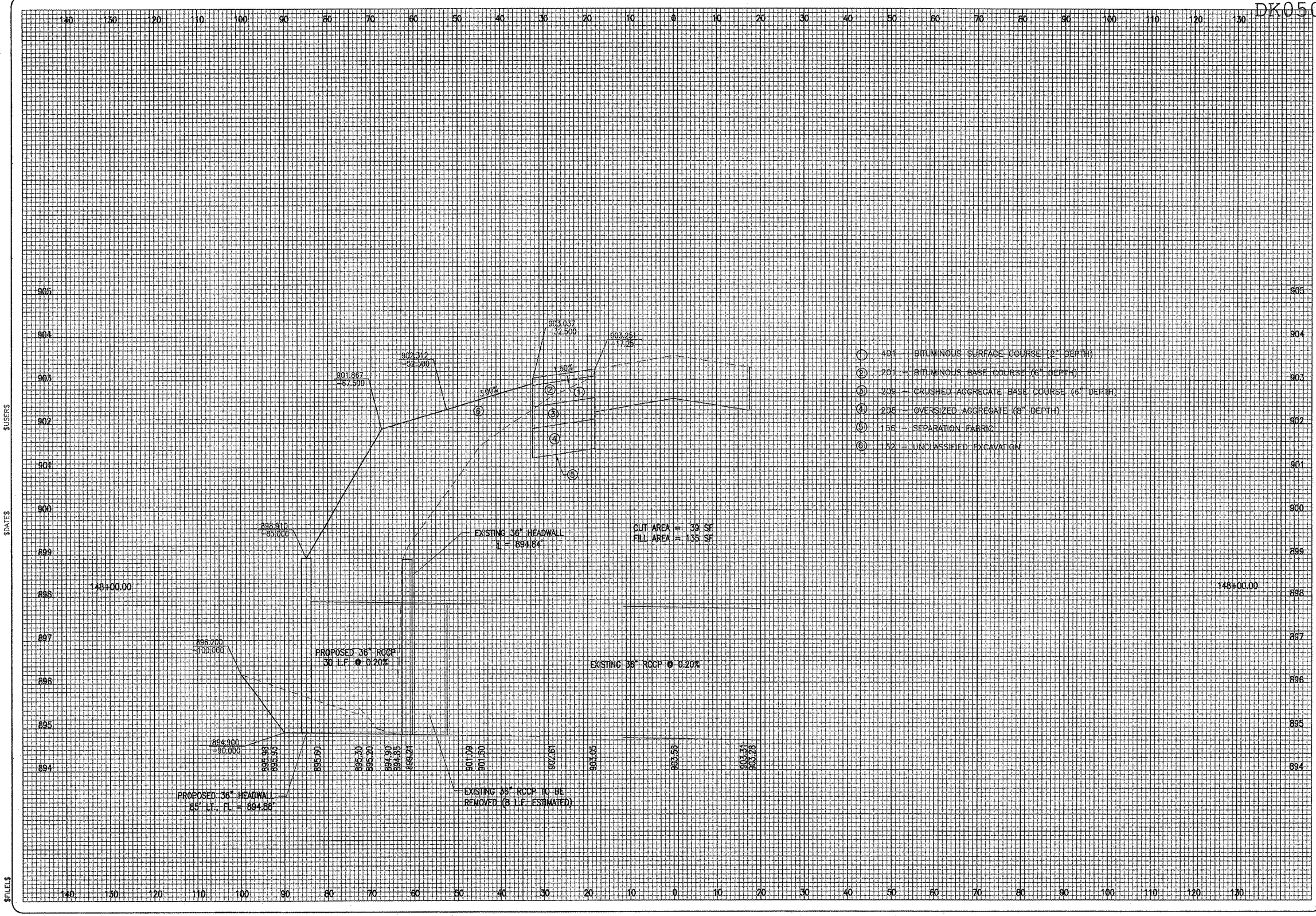
LAYOUT	MDR	01/18/06
DRAWN	MDR	01/18/06
REVIEWED	CAH	02/22/06

DTMA
DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

DK050



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④ 208 – OVERSIZED AGGREGATE (8" DEPTH)
⑤ 155 – SEPARATION FABRIC
⑥ 152 – UNCLASSIFIED EXCAVATION

BY	REVISION	DATE

DTMA

DEKALB TAYLOR MUNICIPAL AIRPORT
IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

HEI Project No. $FILES$
Filename $SCALE$
Scale $DATE$
Date

LAYOUT	MDR	01/18/06
DRAWN	MDR	01/18/06
REVIEWED	CAH	02/22/06

HANSON

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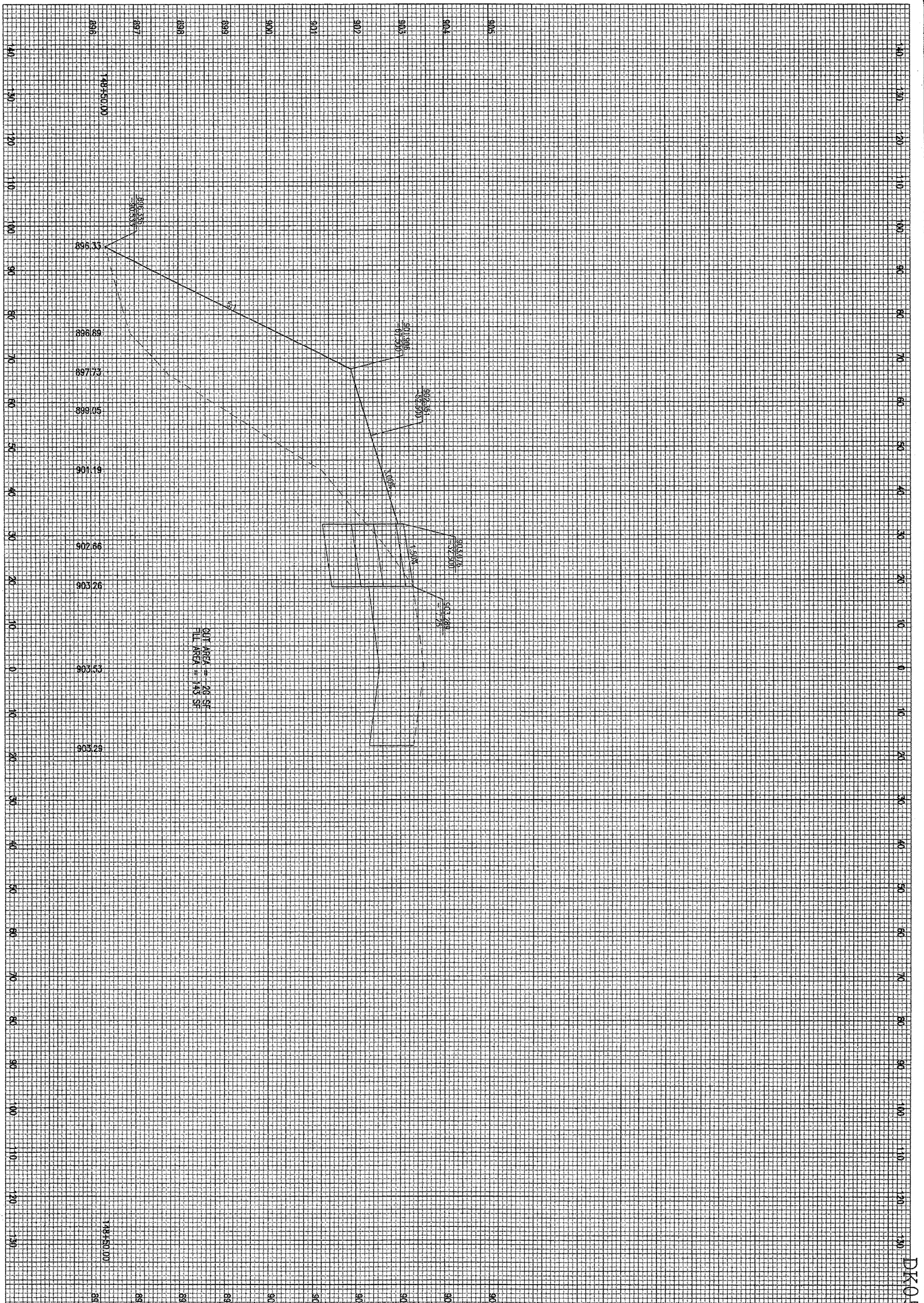
WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 148+00.00

215
216 of 224 sheets

$USER$
$DATE$
$FILE$

$FILE$ $DATE$ $USER$



DK050

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216

WIDEN TAXIWAYS A & C FROM 35' TO 50'

PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 148+50.00

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HEI Project No. $FILE$
Filename $SCALE$
Scale $DATE$
Date

LAYOUT	MDR	01/18/06
DRAWN	MDR	01/18/06
REVIEWED	CAH	02/22/06

DTMA

DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVISION	BY

DK050

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⑥ 152 – UNCLASSIFIED EXCAVATION

BY	REVISION	DATE

DEKALB TAYLOR MUNICIPAL AIRPORT
IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

HEI Project No. $FILES$
Filename $FILES$
Scale $SCALE$
Date $DATE$

LAYOUT	MDR	01/18/06
DRAWN	MDR	01/18/06
REVIEWED	CAH	02/22/06

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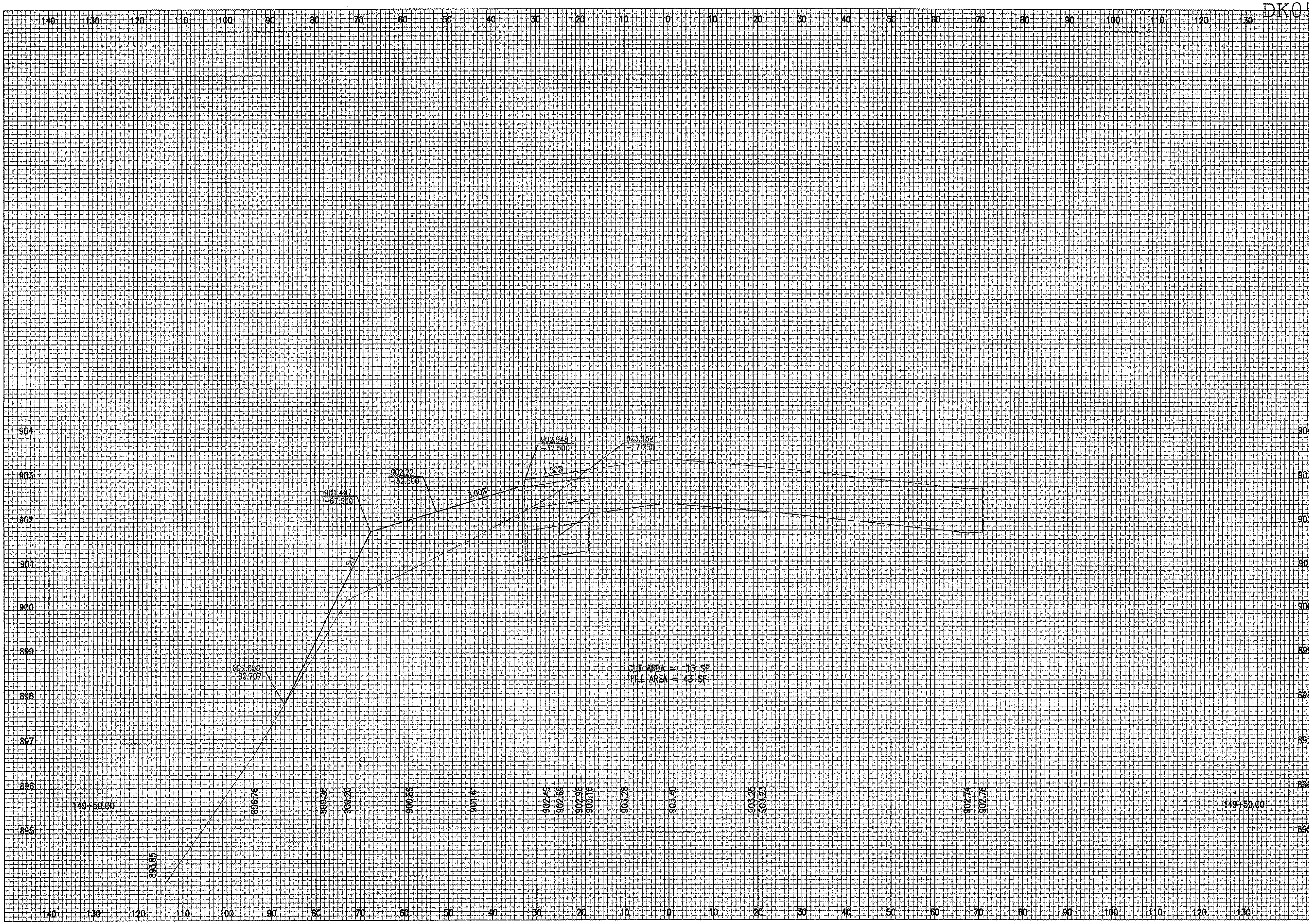
WIDEN TAXIWAYS A & C
FROM 35' TO 50'

PROPOSED CROSS-SECTIONS
FOR TAXIWAY "C"
STA. 149+00.00

217
217 of 224 sheets

$USER$ $DATE$ $FILE$

DK050



$USER$ $DATE$ $FILEL$

DATE	REVISION	BY

DTMA DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

HEI Project No.
Filename $FILES$
Scale $SCALE$
Date $DATE$

LAYOUT	MDR	01/18/06
DRAWN	MDR	01/18/06
REVIEWED	CAH	02/22/06

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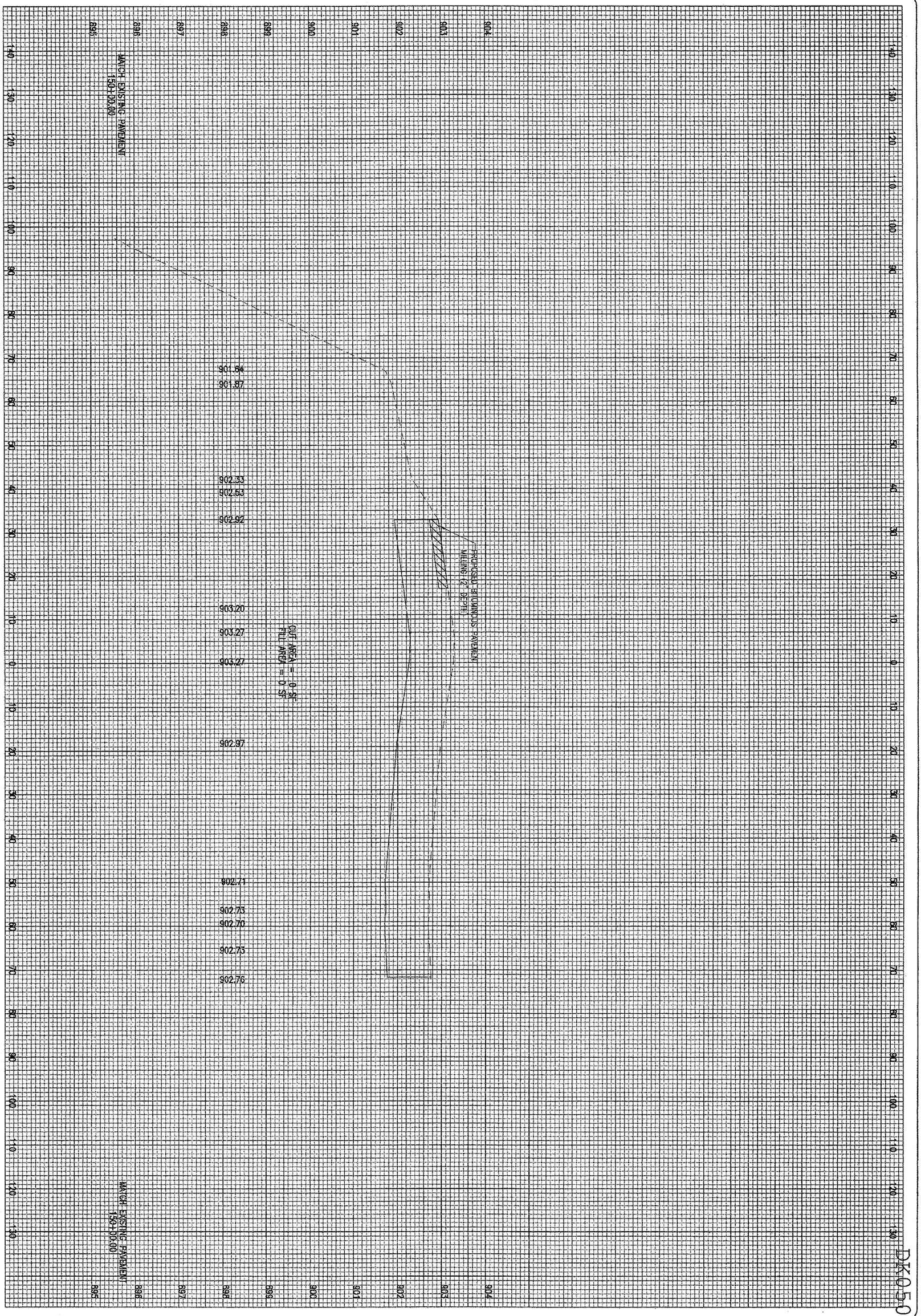
WIDEN TAXIWAYS A & C FROM 35' TO 50'

PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 149+50.00

218

$FILE$ $DATE$ $USER$



WIDEN TAXIWAYS A & C FROM 35' TO 50'

PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 150+00.00

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219

HANSON

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1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

HEI Project No.
Filename $FILE$
Scale $SCALE$
Date $DATE$

LAYOUT	MDR	01/18/06
DRAWN	MDR	01/18/06
REVIEWED	CAH	02/22/06

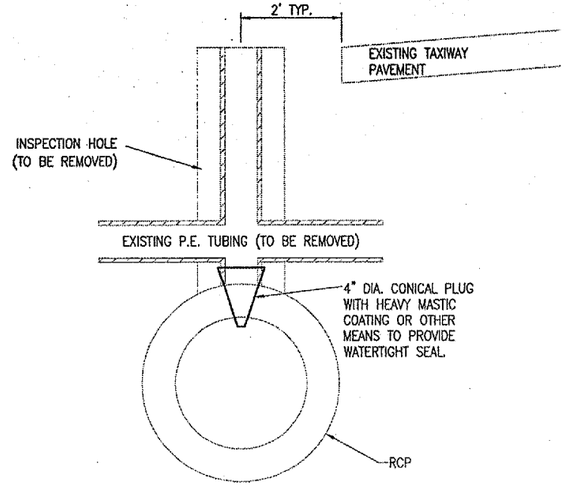
DTMA

DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

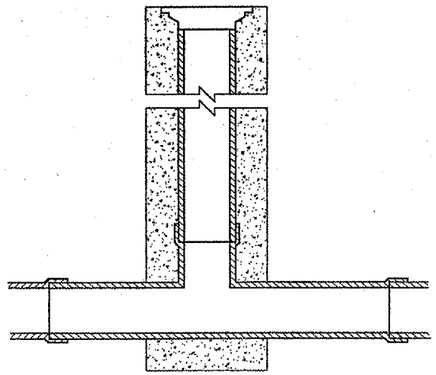
DATE	REVISION	BY

DK-0550

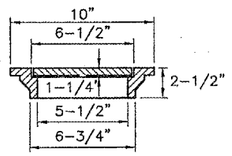


INSPECTION HOLE REMOVAL DETAIL

"NOT TO SCALE"

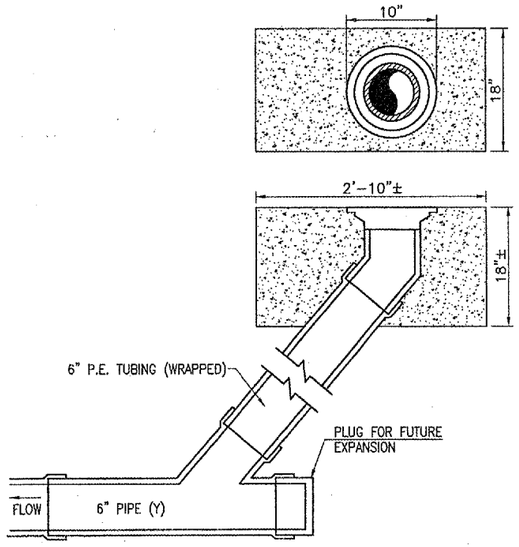


INSPECTION HOLE–TYPE A

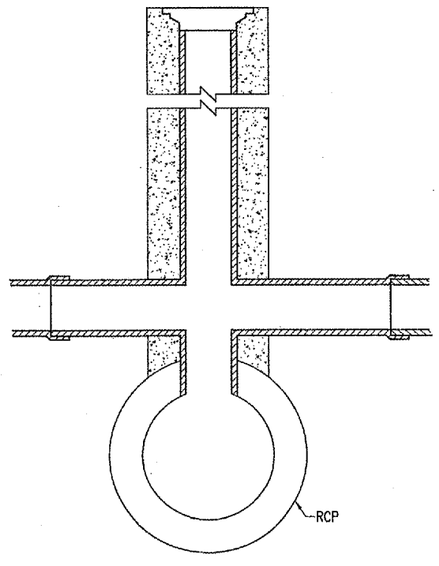


CAST IRON FRAME AND COVER

NEENAH R–6013, DEETER 1810, EAST JORDAN 2790–6 OR APPROVED EQUAL



INSPECTION HOLE–TYPE B



INSPECTION HOLE–TYPE C

INSPECTION HOLE NOTES

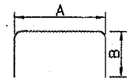
DIAMETER OF PIPE AS SPECIFIED.

24" SONA–TUBE MAY BE USED IN LIEU OF SQUARE FORM.

TOP OF INSPECTION HOLES SHALL BE 1" BELOW ADJACENT FINISH PAVEMENT ELEVATIONS AT LOCATION SHOWN ON PLANS.

1/2" CHAMFER TO BE USED ON ALL EXPOSED EDGES OF INSPECTION HOLES.

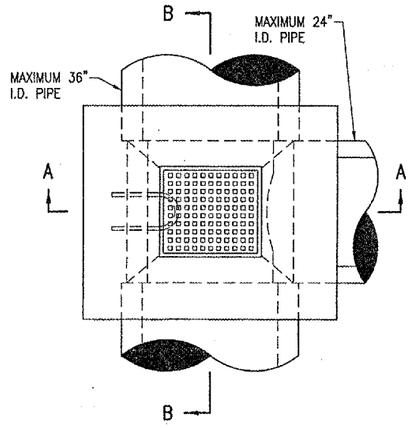
THE CONCRETE SHALL BE STRUCTURAL PORTLAND CEMENT CONCRETE (NON– REINFORCED CLASS SI)



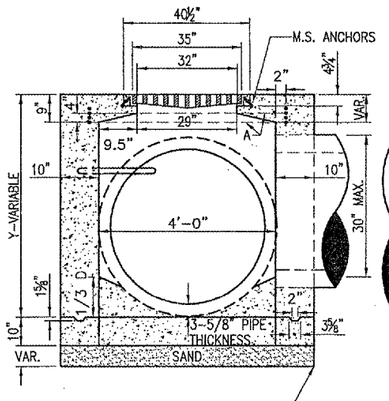
REINFORCING STEEL BAR TYPE

REINFORCING BARS SCHEDULE

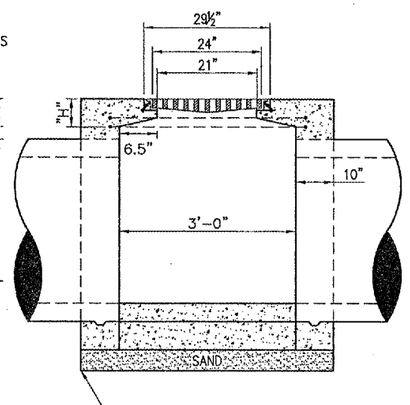
TYPE	QUANTITY PER INLET	DIMENSIONS A	DIMENSIONS B	SIZE	APPROX. WT. OF BARS IN INLET
A	4	4'–4"	3'–0"	#5	43.1



PLAN



SECTION A–A



SECTION B–B

INLET TYPE B

INLET NOTES

INLET TO BE CONSTRUCTED OF STRUCTURAL P.C. CONCRETE. THE CONTRACT UNIT PRICE PER INLET SHALL INCLUDE THE FRAME, GRATE AND STEPS IN PLACE AND COMPLETE PER UNIT.

1/2" CHAMFER TO BE USED ON ALL EXPOSED CORNERS OF INLETS. BARS TO BE INSTALLED 2" FROM FACE OF WALLS.

THE FRAME AND GRATE SHALL BE NEENAH R–3475–E, DEETER 2425–E.

"H" SHALL BE EQUAL TO THE PROPOSED PAVEMENT THICKNESS AND NOT LESS THAN THE ATTACHED MINIMUMS.

TYPE B_____ 15" MINIMUM

INLET STEPS SHALL BE NEENAH R–1980–1. 12" TO 15" C.C. STEPS TO BE INSTALLED WHEN Y IS GREATER THAN 5' COST. THE COST OF THE STEPS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EACH INLET.

REVISION	BY	DATE

DEKALB TAYLOR MUNICIPAL AIRPORT

A.I.P. PROJ.: 3-17-0139-842

IL. PROJ.: DK8-3448

HEI Project No. 803–05TXYAD 0800
Filename R–DRAINAGE.DWG
Scale NOT TO SCALE
Date 02/10/06

LAYOUT	K.D.M.	02/10/06
DRAWN	B.A.K.	02/10/06
REVIEWED	C.A.H.	02/22/06

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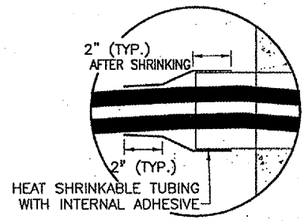
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

DEKALB AIRPORT IMPROVEMENTS

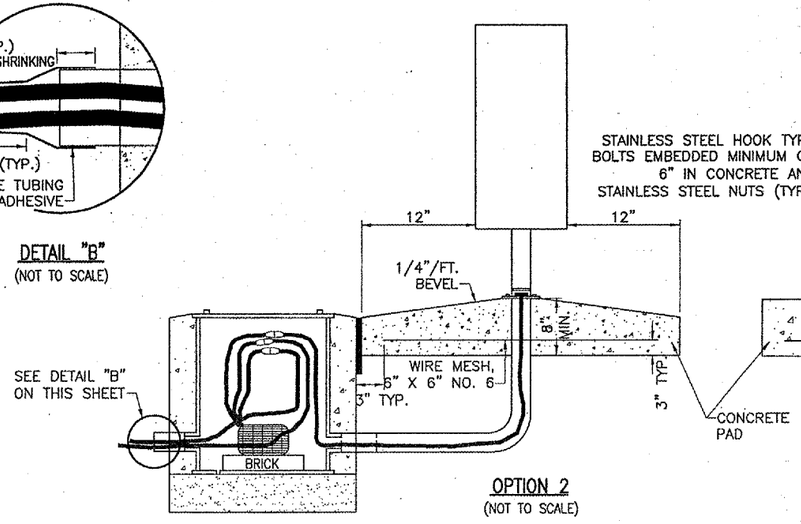
PROPOSED DRAINAGE DETAILS

220

APR 11, 2006 8:36 AM BAK
I:\AIRPORTS\DEKALB\803–05TXYA\AIRPORT\SHEETS\GENERAL\R–DRAINAGE.DWG – DETAILS



DETAIL "B"
(NOT TO SCALE)



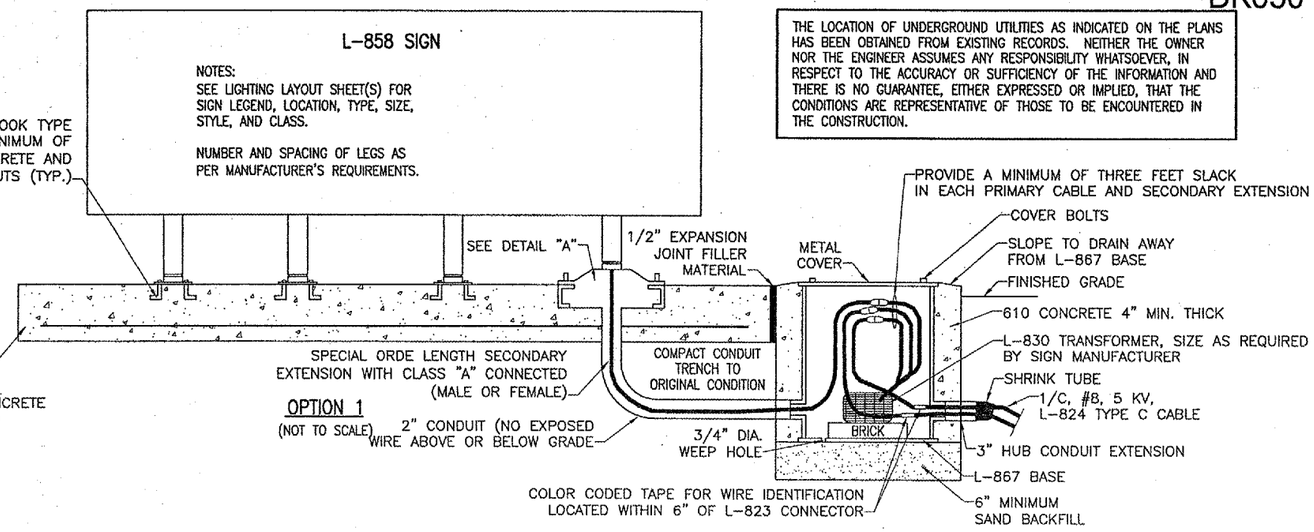
OPTION 2
(NOT TO SCALE)

L-858 SIGN

NOTES:
SEE LIGHTING LAYOUT SHEET(S) FOR SIGN LEGEND, LOCATION, TYPE, SIZE, STYLE, AND CLASS.

NUMBER AND SPACING OF LEGS AS PER MANUFACTURER'S REQUIREMENTS.

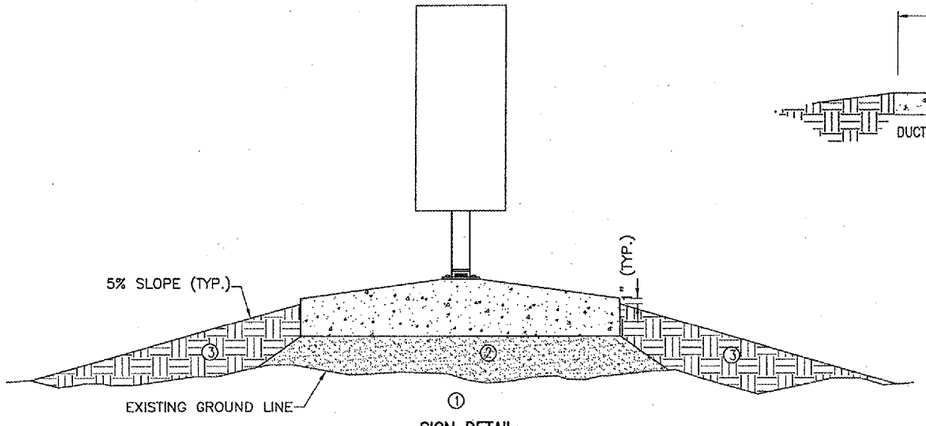
STAINLESS STEEL HOOK TYPE BOLTS EMBEDDED MINIMUM OF 6" IN CONCRETE AND STAINLESS STEEL NUTS (TYP.)



OPTION 1
(NOT TO SCALE)

2" CONDUIT (NO EXPOSED WIRE ABOVE OR BELOW GRADE)

THE LOCATION OF UNDERGROUND UTILITIES AS INDICATED ON THE PLANS HAS BEEN OBTAINED FROM EXISTING RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER, IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION.

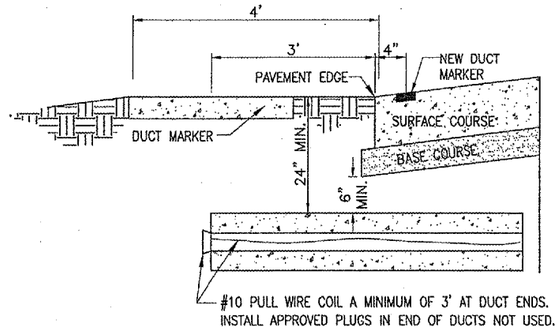


SIGN DETAIL
(NOT TO SCALE)

① EXISTING SOD TO BE STRIPPED AND REMOVED

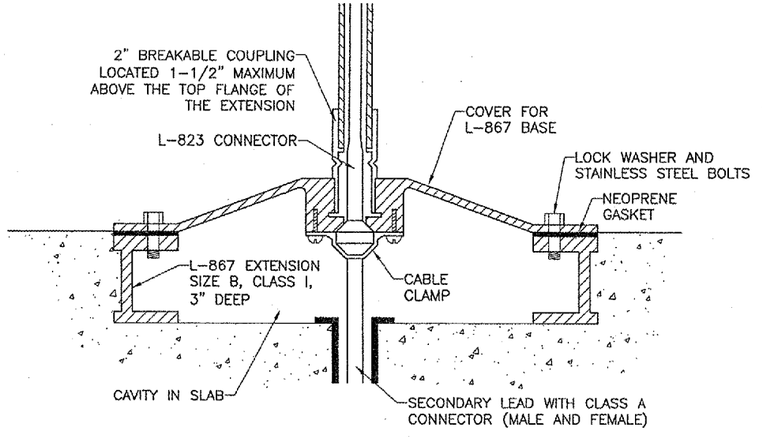
② SAND BACKFILL, VARIABLE DEPTH

③ PROPOSED TOPSOIL BACKFILL MATERIAL

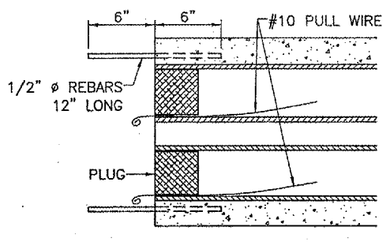


#10 PULL WIRE COIL A MINIMUM OF 3' AT DUCT ENDS. INSTALL APPROVED PLUGS IN END OF DUCTS NOT USED.

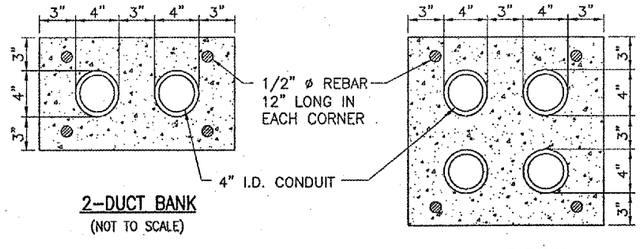
UNDERGROUND ELECTRICAL DUCT
(NOT TO SCALE)



DETAIL "A"
(NOT TO SCALE)

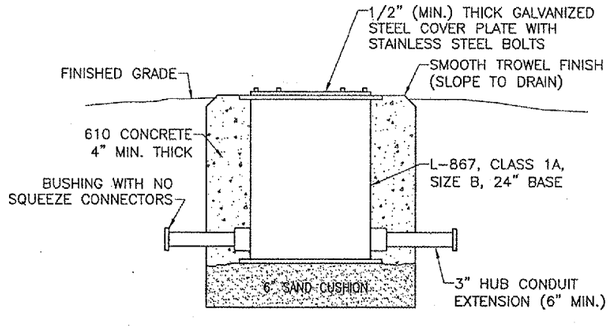


TYPICAL SECTION
(NOT TO SCALE)



2-DUCT BANK
(NOT TO SCALE)

4-DUCT BANK
(NOT TO SCALE)



SPLICE CAN DETAIL
(NOT TO SCALE)

INCLUDE INTERNAL AND EXTERNAL GROUND LUGS

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DTMA

DEKALB TAYLOR MUNICIPAL AIRPORT

IL PROJ.: DKB-3448 AIP PROJ.: 3-17-0139-B42

BY	REVISION	DATE

IDT Project No. 803-05TXYA0 0800			
Filename: R-541ELE.DWG	LAYOUT	MDR	01/07/04
Scale: NTS	DRAWN	MDR	01/07/04
Date: 01/07/04	REVIEWED	CAH	03/06/06

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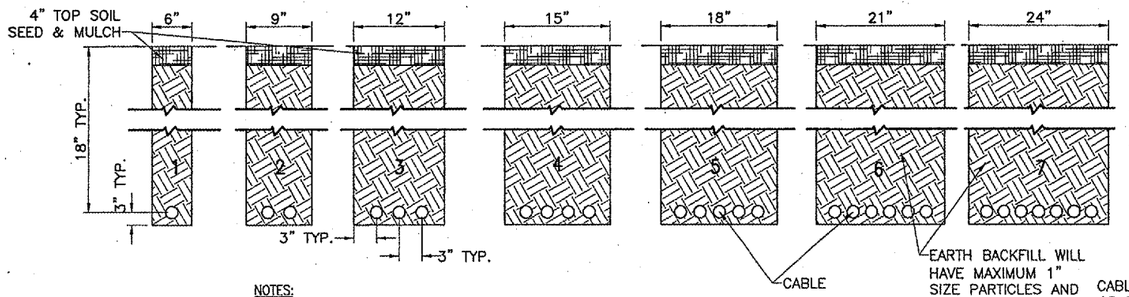
DEKALB AIRPORT IMPROVEMENTS

PROPOSED ELECTRICAL DETAILS

221

221 of 224 sheets



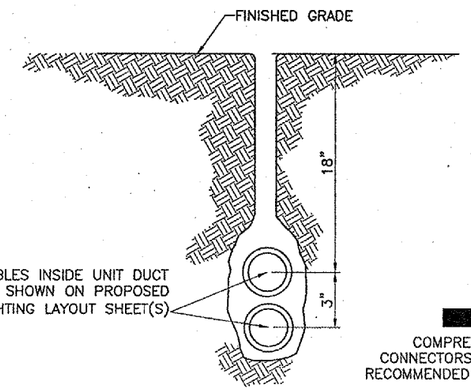
NOTES:
DETAIL NUMBERS INDICATE NO. OF CABLES.

TRENCHES WITH MORE THAN SEVEN CABLES SHALL BE INCREASED 3" IN WIDTH FOR EACH ADDITIONAL CABLE; IF SPECIFIED ON PLANS TWO PARALLEL TRENCHES MAY BE CONSTRUCTED.

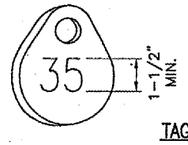
DEPTH OF TRENCHES SHALL BE AS SHOWN ABOVE UNLESS OTHERWISE SPECIFIED ON THE PLANS.

ALL DISTURBED SURFACES SHALL BE RESTORED TO THEIR ORIGINAL CONDITION. COST IS INCIDENTAL TO TRENCH.

CABLE TRENCHES
(NOT TO SCALE)

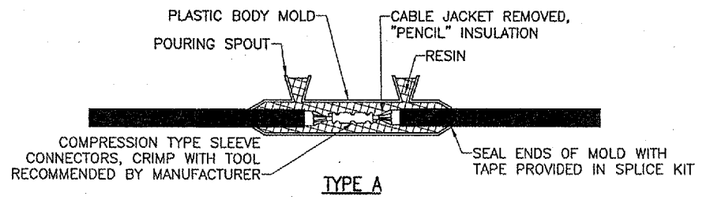


PLOWED CABLE
(NOT TO SCALE)

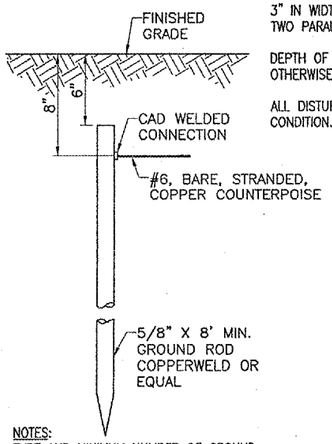


NOTE:
AFFIX NON-CORROSIVE TAG TO FIXTURE FACING RUNWAY WITH SET SCREW, WIRE TIE, OR METAL BAND. NUMERALS SHALL BE ENGRAVED FOR PERMANENT READABILITY.

TAG DETAIL
(NOT TO SCALE)



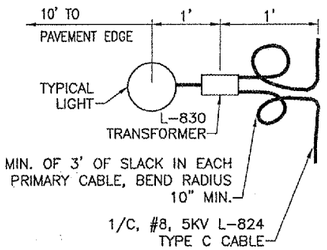
TYPE A
FOR SPLICES IN HOMERUNS FOR EXTENSIONS TO EXISTING CABLES ONLY

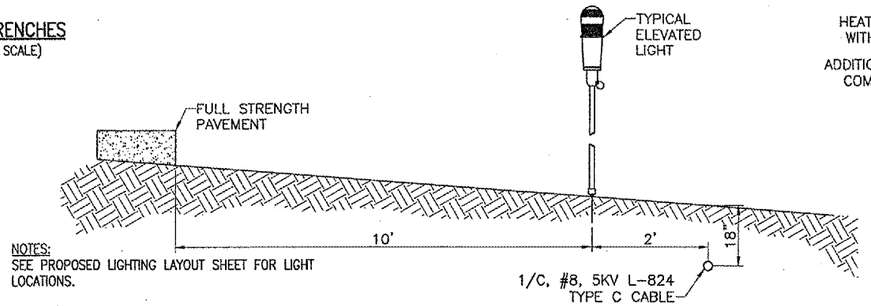


NOTES:
TYPE AND MINIMUM NUMBER OF GROUND RODS SHALL BE AS SPECIFIED ON THE PLAN.

THE RESISTANCE TO GROUND OF THE COUNTERPOISE GROUNDING SYSTEM SHALL NOT EXCEED 25 OHMS.

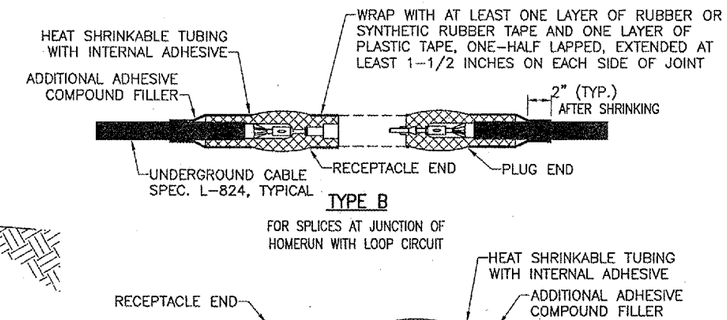
COST OF GROUND RODS IS INCIDENTAL TO THE ASSOCIATED ITEMS REQUIRING GROUNDING UNLESS OTHERWISE SPECIFIED.





NOTES:
SEE PROPOSED LIGHTING LAYOUT SHEET FOR LIGHT LOCATIONS.

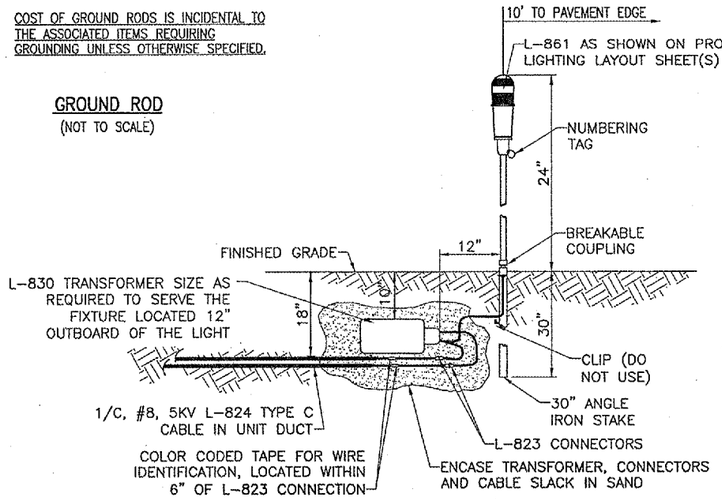
PROFILE VIEW



TYPE B
FOR SPLICES AT JUNCTION OF HOMERUN WITH LOOP CIRCUIT

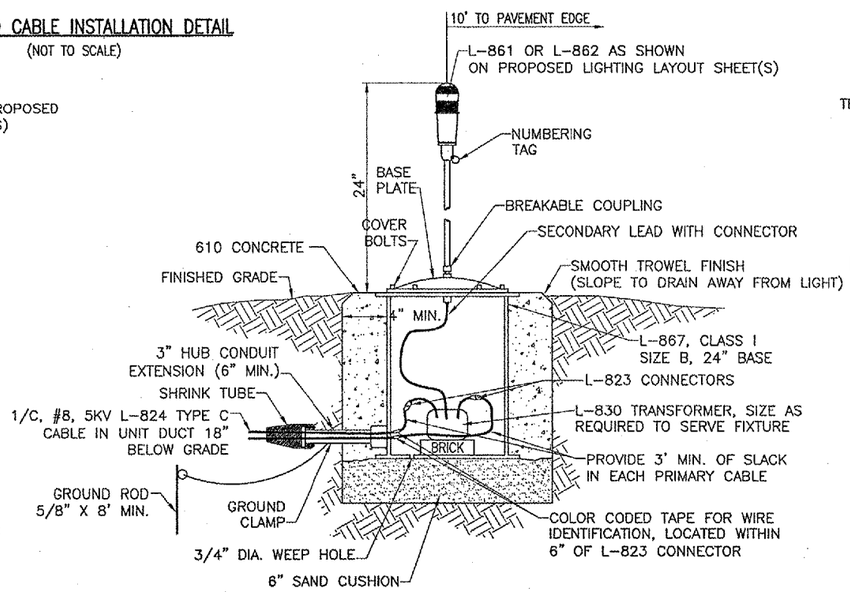
PLAN VIEW

LIGHT AND CABLE INSTALLATION DETAIL
(NOT TO SCALE)



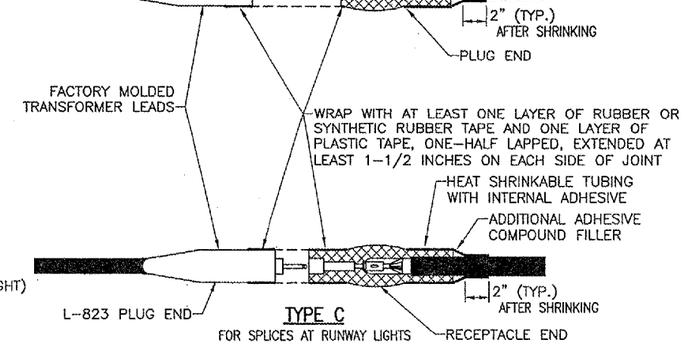
GROUND ROD
(NOT TO SCALE)

PROFILE VIEW



MEDIUM INTENSITY LIGHT - STAKE MOUNTED
(NOT TO SCALE)

MEDIUM/HIGH INTENSITY LIGHT - BASE MOUNTED
(NOT TO SCALE)



TYPE C
FOR SPLICES AT RUNWAY LIGHTS

NOTES:
SEE PROPOSED LIGHTING LAYOUT SHEET(S) FOR SPLICE TYPE.

INSIDE DIAMETER OF CONNECTOR SHALL PROPERLY MATCH THE OUTSIDE DIAMETER OF CABLE.

CABLE SPLICES
(NOT TO SCALE)

DATE	REVISION	BY

DMJM
DEKALB TAYLOR MUNICIPAL AIRPORT

AIP PROJ.: 3-17-0139-842
IL PROJ.: DKB-3448

HS Project No.	80305TXYAD 0800	
Filename	R-544ELE.DWG	
Scale	N/A	
Date	01/14/03	
LAYOUT	CAH	01/14/03
DRAWN	MDR	01/14/04
REVIEWED	CAH	03/06/06

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DEKALB AIRPORT IMPROVEMENTS

PROPOSED ELECTRICAL DETAILS

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GENERAL NOTES

1. THE ELECTRICAL INSTALLATION, AS A MINIMUM, SHALL MEET THE NATIONAL ELECTRICAL CODE AND LOCAL REGULATIONS.

2. THE CONTRACTOR SHALL ASCERTAIN THAT ALL LIGHTING SYSTEM COMPONENTS FURNISHED BY HIM, INCLUDING FAA APPROVED EQUIPMENT, ARE COMPATIBLE IN ALL RESPECTS WITH EACH OTHER AND THE REMAINDER OF THE NEW/EXISTING SYSTEM. ANY NONCOMPATIBLE COMPONENTS FURNISHED BY THIS CONTRACTOR SHALL BE REPLACED BY HIM AT NO ADDITIONAL COST TO THE AIRPORT SPONSOR WITH A SIMILAR UNIT, APPROVED BY THE ENGINEER (DIFFERENT MODEL OR DIFFERENT MANUFACTURE) THAT IS COMPATIBLE WITH THE REMAINDER OF THE AIRPORT LIGHTING SYSTEM.

3. IN CASE THE CONTRACTOR ELECTS TO FURNISH AND INSTALL AIRPORT LIGHTING EQUIPMENT REQUIRING ADDITIONAL WIRING, TRANSFORMERS, ADAPTERS, MOUNTINGS, ETC., TO THOSE SHOWN ON THE DRAWINGS AND/OR LISTED IN THE SPECIFICATION, ANY COST FOR THESE ITEMS SHALL BE INCIDENTAL TO THE EQUIPMENT COST.

4. THE CONTRACTOR INSTALLED EQUIPMENT (INCLUDING FAA APPROVED) SHALL NOT GENERATE ANY ELECTROMAGNETIC INTERFERENCE IN THE EXISTING AND/OR NEW COMMUNICATIONS, WEATHER, AIR NAVIGATION, AND AIR TRAFFIC CONTROL EQUIPMENT. ANY EQUIPMENT GENERATING SUCH INTERFERENCE SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST WITH THE EQUIPMENT MEETING THE APPLICABLE SPECIFICATIONS AND NOT GENERATING ANY INTERFERENCE.

5. WHEN A SPECIFIC TYPE, STYLE, CLASS, ETC. OF FAA APPROVED EQUIPMENT IS SPECIFIED ONLY THAT TYPE, STYLE, CLASS, WILL BE ACCEPTABLE, EVEN THOUGH EQUIPMENT OF OTHER TYPES STYLES, CLASSES, ETC. MAY BE APPROVED.

6. ANY AND ALL INSTRUCTIONS FROM THE ENGINEER TO THE CONTRACTOR REGARDING CHANGES IN OR DEVIATIONS FROM THE PLANS AND SPECIFICATIONS SHALL BE IN WRITING WITH COPIES SENT TO THE AIRPORT SPONSOR AND THE FAA FIELD OFFICE (ADO/AFO). THE CONTRACTOR SHALL NOT ACCEPT ANY VERBAL INSTRUCTIONS FROM THE RESIDENT ENGINEER REGARDING ANY CHANGES FROM THE PLANS AND SPECIFICATIONS.

7. A MINIMUM OF THREE COPIES OF THE INSTRUCTION BOOK SHALL BE SUPPLIED WITH EACH DIFFERENT TYPE OF EQUIPMENT. THE BOOKS DESCRIBING A MORE SOPHISTICATED TYPE OF EQUIPMENT, SUCH AS REGULATORS, PAPI, REIL, ETC. AS A MINIMUM SHALL CONTAIN THE FOLLOWING:

   A. A DETAILED DESCRIPTION OF THE OVERALL EQUIPMENT AND ITS INDIVIDUAL COMPONENTS.
   B. THEORY OF OPERATION INCLUDING THE FUNCTION OF EACH COMPONENT.
   C. INSTALLATION INSTRUCTIONS.
   D. START-UP INSTRUCTIONS.
   E. PREVENTATIVE MAINTENANCE REQUIREMENTS.
   F. CHART FOR TROUBLE-SHOOTING.
   G. COMPLETE POWER AND CONTROL DETAILED WIRING DIAGRAM(S), SHOWING EACH CONDUCTOR/ CONNECTION/COMPONENT -- "BLACK" BOXES ARE NOT ACCEPTABLE. THE DIAGRAM OF THE NARRATIVE SHALL SHOW VOLTAGE/CURRENTS/WAVE SHAPES AT STRATEGIC LOCATIONS TO BE USED WHEN CHECKING AND/OR TROUBLE-SHOOTING THE EQUIPMENT. WHEN THE EQUIPMENT HAS SEVERAL MODES OF OPERATION, SUCH AS SEVERAL BRIGHTNESS STEPS, THESE PARAMETERS SHALL BE INDICATED FOR ALL DIFFERENT MODES.
   H. PARTS LIST WHICH WILL INCLUDE ALL MAJOR AND MINOR COMPONENTS SUCH AS RESISTORS, DIODES, ETC. IT SHALL INCLUDE A COMPLETE NOMENCLATURE OF EACH COMPONENT AND, IF APPLICABLE, THE NAME OF ITS MANUFACTURE AND THE CATALOG NUMBER.
   I. SAFETY INSTRUCTIONS.

POWER AND CONTROL NOTES

1. STENCIL ALL ELECTRICAL EQUIPMENT TO IDENTIFY FUNCTION, CIRCUIT VOLTAGE AND PHASE. WHERE THE EQUIPMENT CONTAINS FUSES, ALSO STENCIL. THE FUSE OR FUSE LINK AMPERE RATING. WHERE THE EQUIPMENT DOES NOT HAVE SUFFICIENT STENCILING AREA, THE STENCILING SHALL BE DONE ON THE WALL NEXT TO THE UNIT. THE LETTERS SHALL BE ONE INCH HIGH AND PAINTED IN WHITE OR BLACK TO PROVIDE THE HIGHEST CONTRAST WITH THE BACKGROUND.

2. COLOR CODE ALL PHASE WIRING BY THE USE OF COLORED WIRE INSULATION AND/OR COLORED TAPE. WHERE TAPE IS USED, THE WIRE INSULATION SHALL BE BLACK, BLACK AND RED SHALL BE USED FOR SINGLE-PHASE, THREE WIRE SYSTEMS AND BLACK, RED AND BLUE SHALL BE USED FOR THREE-PHASE SYSTEMS. NEUTRAL CONDUCTORS, SIZE NO. 6 AWG OR SMALLER, SHALL BE IDENTIFIED BY A CONTINUOUS WHITE OR NATURAL GRAY OUTER FINISH ALONG ITS ENTIRE LENGTH. NEUTRAL CONDUCTORS LARGER THAN NO. 6 AWG SHALL BE IDENTIFIED EITHER BY A CONTINUOUS WHITE OR NATURAL GRAY OUTER FINISH ALONG ITS ENTIRE LENGTH OR BY THE USE OF WHITE TAPE AT ITS TERMINATIONS AND INSIDE ACCESSIBLE WIREWAYS.

3. ALL BRANCH CIRCUIT CONDUCTORS CONNECTED TO A PARTICULAR PHASE SHALL BE IDENTIFIED WITH THE SAME COLOR. THE COLOR CODING SHALL BE EXTENDED TO THE POINT OF UTILIZATION.

4. IN CONTROL WIRING THE SAME COLOR SHALL BE USED THROUGHOUT THE SYSTEM FOR THE SAME FUNCTION, SUCH AS 10%, 30%, 100% BRIGHTNESS CONTROL, ETC.

5. LOW VOLTAGE (600 V.) AND HIGH VOLTAGE (5000 V.) CONDUCTORS SHALL BE INSTALLED IN SEPARATE WIREWAYS.

6. NEATLY LACE WIRING IN DISTRIBUTION PANELS, WIREWAYS, SWITCHES AND JUNCTION/PULL BOXES.

7. THE MINIMUM SIZE OF PULL/JUNCTION BOXES, REGARDLESS OF THE QUANTITY AND SIZE OF THE CONDUCTORS SHOWN, SHALL BE AS FOLLOWS:

   A. IN STRAIGHT PULLS THE LENGTH OF THE BOX SHALL NOT BE LESS THAN EIGHT TIMES THE TRADE DIAMETER OF THE LARGER CONDUIT. THE TOTAL AREA (INCLUDING THE CONDUIT CROSS-SECTIONAL AREA) OF A BOX END SHALL BE AT LEAST 3 TIMES GREATER THAN THE TOTAL TRADE CROSS-SECTIONAL AREA OF THE CONDUITS TERMINATING AT THE END.

   B. IN ANGLE PULLS OR 'U' PULLS THE DISTANCE BETWEEN EACH CONDUIT ENTRY INSIDE THE BOX AND THE OPPOSITE WALL OF THE BOX SHALL NOT BE LESS THAN SIX (6) TIMES THE TRADE DIAMETER DIAMETER OF THE LARGEST CONDUIT. THIS DISTANCE SHALL BE INCREASED FOR ADDITIONAL ENTRIES BY THE AMOUNT OF THE SUM OF THE DIAMETERS OF ALL OTHER CONDUIT ENTRIES ON THE SAME WALL AS THE BOX. THE DISTANCE BETWEEN CONDUIT ENTRIES ENCLOSING THE SAME CONDUCTOR SHALL NOT BE LESS THAN SIX TIMES THE TRADE DIAMETER OF THE LARGEST CONDUIT.

8. A RUN OF CONDUIT BETWEEN TERMINATIONS AT EQUIPMENT ENCLOSURES, SQUARE DUCTS AND PULL/JUNCTION BOXES, SHALL NOT CONTAIN MORE THAN THE EQUIVALENT OF FOUR QUARTER BENDS (360 DEGREES TOTAL), INCLUDING THOSE BENDS LOCATED IMMEDIATELY AT THE TERMINATIONS, CAST, CONDUIT TYPE OUTLETS SHALL NOT BE TREATED AS PULL/JUNCTION BOXES.

9. EQUIPMENT CABINETS SHALL NOT BE USED AS PULL/JUNCTION BOXES. ONLY WIRING TERMINATING AT THE EQUIPMENT SHALL BE BROUGHT INTO THESE ENCLOSURES.

10. SPLICES AND JUNCTION POINTS SHALL BE PERMITTED ONLY IN JUNCTION BOXES, DUCTS EQUIPPED WITH REMOVABLE COVERS, AND AT EASILY ACCESSIBLE LOCATIONS.

11. CIRCUIT BREAKERS IN POWER DISTRIBUTION PANEL(S) SHALL BE THERMAL-MAGNETIC MOLDED CASE, PERMANENT TRIP WITH 100 AMPERE, MINIMUM FRAME.

12. DUAL LUGS SHALL BE USED WHERE TWO (2) WIRES, SIZE NO. 6 OR LARGER, ARE TO BE CONNECTED TO THE SAME TERMINAL.

13. ALL WALL MOUNTED EQUIPMENT ENCLOSURES SHALL BE MOUNTED ON WOODEN MOUNTING BOARDS, AND/OR GALVANIZED STEEL STRUT SUPPORT.

14. WOODEN EQUIPMENT MOUNTING BOARDS SHALL BE PLYWOOD, EXTERIOR TYPE, 3/4 INCH, MINIMUM, THICKNESS, BOTH SIDES PAINTED WITH ONE COAT OF PRIMER AND TWO COATS OF GRAY OIL-BASED PAINT.

15. RIGID STEEL CONDUIT SHALL BE USED THROUGHOUT THE INSTALLATION UNLESS OTHERWISE SPECIFIED. THE MINIMUM TRADE SIZE SHALL BE 3/4 INCH.

16. ALL RIGID CONDUIT SHALL BE TERMINATED AT CONSTANT CURRENT REGULATORS WITH A SECTION (10' MINIMUM) OF FLEXIBLE CONDUIT.

17. UNLESS OTHERWISE SHOWN, ALL EXPOSED CONDUITS SHALL BE RUN PARALLEL TO OR AT RIGHT ANGLES WITH THE LINES OF THE STRUCTURE.

18. ALL STEEL CONDUITS, FITTINGS, NUTS, BOLTS, ETC. SHALL BE GALVANIZED.

19. USE CONDUIT BUSHINGS AT EACH CONDUIT TERMINATION. WHERE NO. 4 AWG OR LARGER UNDERGROUND WIRE IS INSTALLED, USE INSULATED BUSHINGS.

20. USE DOUBLE LOCK NUTS AT EACH CONDUIT TERMINATION.

21. WRAP ALL PRIMARY AND SECONDARY POWER TRANSFORMER CONNECTIONS WITH SUFFICIENT LAYERS OF INSULTING TAPE AND COVER WITH INSULATING VARNISH FOR FULL VALUE OF CABLE INSULATION VOLTAGE.

22. UNLESS OTHERWISE NOTED, ALL INDOOR SINGLE CONDUCTOR CONTROL WIRING SHALL BE NO. 12 AWG.

23. THE FOLLOWING SHALL APPLY TO RELAY/CONTACTOR PANELS/ENCLOSURES:

   A. ALL COMPONENTS SHALL BE MOUNTED IN DUST PROOF ENCLOSURE(S) WITH VERTICALLY HINGED COVERS.

   B. THE ENCLOSURE(S) SHALL HAVE AMPLE SPACE FOR THE CIRCUIT COMPONENTS, TERMINAL BLOCKS AND INCOMING AND INTERNAL WIRING.

   C. ALL CONTROL CONDUCTOR TERMINATIONS SHALL BE OF THE OPEN-EYE CONNECTOR/SCREW TYPE. SOLDERED CLOSED-EYE TERMINATIONS, OR TERMINATIONS WITHOUT CONNECTORS ARE NOT ACCEPTABLE.

   D. WHEN THE ENCLOSURE COVER IS OPENED, ALL CIRCUIT COMPONENTS, WIRING AND TERMINALS SHALL BE EXPOSED AND ACCESSIBLE WITHOUT REMOVAL OF ANY PANELS, COVERS, ETC., EXCEPT THOSE COVERING HIGH VOLTAGE COMPONENTS.

   E. ACCESS TO, OR REMOVAL OF A CIRCUIT COMPONENT OR TERMINAL BLOCK WILL NOT REQUIRE THE REMOVAL OF ANY OTHER CIRCUIT COMPONENT OR TERMINAL BLOCK.

   F. EACH CIRCUIT COMPONENT SHALL BE CLEARLY IDENTIFIED INDICATING ITS CORRESPONDING NUMBER SHOWN ON THE DRAWINGS AND ITS FUNCTION.

   G. A COMPLETE WIRING DIAGRAM (SCHEMATIC DIAGRAM) SHALL BE MOUNTED ON THE INSIDE OF THE COVER. THE DIAGRAM SHALL REPRESENT EACH CONDUCTOR BY A SEPARATE LINE.

   H. THE DIAGRAM SHALL IDENTIFY EACH CIRCUIT COMPONENT AN NUMBERING AND COLOR OF EACH TERMINAL CONDUCTOR AND TERMINAL.

   I. ALL WIRING SHALL BE NEATLY TRAINED AND LACED.

   J. MINIMUM WIRE SIZE SHALL BE NO. 12 AWG.

DATE | REVISION | BY

DITMAX
DEKALB TAYLOR MUNICIPAL AIRPORT
IL PROJ.: DKB-3448 AIP PROJ.: 3-17-0139-842

LAYOUT	MDR	01/05/04
DRAWN	MDR	01/05/04
REVIEWED	CAH	03/06/06

MO. Project No.: B0305TXYAD 0800
Filename: R-542ELE.DWG
Scale: N/A
Date: 01/05/04

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DEKALB ARIPORT IMPROVEMENTS

PROPOSED ELECTRICAL NOTES

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FIELD LIGHTING NOTES

1. UNLESS OTHERWISE NOTED, ALL UNDERGROUND FIELD POWER MULTIPLE AND SERIES CIRCUIT CONDUCTORS WHETHER DEB OR IN DUCT/CONDUIT SHALL BE FAA APPROVED L-824 TYPE. INSULATION VOLTAGE AND SIZE SHALL BE AS SPECIFIED.

2. NO COMPONENTS OF PRIMARY CIRCUIT SUCH AS CABLE, CONNECTORS AND TRANSFORMERS SHALL BE BROUGHT ABOVE GROUND AT EDGE LIGHTS, SIGNS, REIL, PAPI, ETC.

3. THERE SHALL BE NO EXPOSED POWER/CONTROL CABLES BETWEEN THE POINT WHERE THEY LEAVE THE UNDERGROUND (DEB OR L-867 BASES) AND WHERE THEY ENTER THE EQUIPMENT (SUCH AS TAXIWAY SIGNS, PAPI, REIL, ETC.) ENCLOSURES. THESE CABLES SHALL BE ENCLOSED IN RIGID CONDUIT OR IN FLEXIBLE, WATERTIGHT CONDUIT WITH BREAKABLE COUPLING(S) AT THE GRADE OR THE HOUSING COVER, AS SHOWN IN APPLICABLE DETAILS.

4. THE JOINTS OF THE L-823 PRIMARY CONNECTORS SHALL BE WRAPPED WITH AT LEAST ONE LAYER OF RUBBER OR SYNTHETIC RUBBER TAPE AND ONE LAYER OF PLASTIC TAPE, ONE-HALF LAPPED, EXTENDING AT LEAST 1-1/2 INCHES ON EACH SIDE OF THE JOINT, AS SHOWN ON SHEET NO. **.

5. THE CABLE ENTRANCE INTO THE FIELD-ATTACHED L-823 CONNECTORS SHALL BE ENCLOSED BY A HEAT-SHRINKABLE TUBING WITH CONTINUOUS INTERNAL ADHESIVE, AS SHOWN ON SHEET NO. **.

6. L-823 TYPE II, TWO-CONDUCTOR SECONDARY CONNECTORS SHALL BE CLASS 'A' (FACTORY MOLDED).

7. THERE SHALL BE NO SPLICES IN THE SECONDARY CABLE(S) WITHIN THE STEMS OF A RUNWAY/TAXIWAY EDGE/THRESHOLD LIGHTING FIXTURE AND THE WIREWAYS LEADING TO TAXIWAY SIGNS AND PAPI/REIL EQUIPMENT.

8. ELECTRICAL INSULATING GREASE SHALL BE APPLIED WITHIN THE L-823, SECONDARY, TWO CONDUCTOR CONNECTORS TO PREVENT WATER ENTRANCE. THESE CONNECTORS SHALL NOT BE TAPED.

9. DEB ISOLATION TRANSFORMERS SHALL BE BURIED AT A DEPTH OF TEN (10") INCHES ON A LINE CROSSING THE LIGHT AND PERPENDICULAR TO THE RUNWAY/TAXIWAY CENTERLINE AT A LOCATION TWELVE (12") INCHES FROM THE LIGHT OPPOSITE FROM THE RUNWAY/TAXIWAY.

10. A SLACK OF THREE (3') FEET, MINIMUM, SHALL BE PROVIDED IN THE PRIMARY CABLE AT EACH TRANSFORMER/CONNECTOR TERMINATION. AT STAKE-MOUNTED LIGHTS, THE SLACK SHALL BE LOOSELY COILED IMMEDIATELY BELOW THE ISOLATION TRANSFORMER.

11. DIRECTION OF PRIMARY CABLES SHALL BE IDENTIFIED BY COLOR CODING AS FOLLOWS: WHEN FACING LIGHT WITH BACK TO PAVEMENT, CABLE TO THE LEFT IS CODED RED AND CABLE TO RIGHT IS CODED BLUE. THIS APPLIES TO STAKE MOUNTED LIGHTS AND BASE MOUNTED LIGHTS WHERE THE BASE HAS ONLY ONE ENTRANCE.

12. L-867 BASES SHALL BE SIZE B, 24" DEEP, CLASS I, UNLESS OTHERWISE NOTED.

13. BASE MOUNTED BREAKABLE COUPLINGS SHALL NOT HAVE WEEP HOLES TO THE OUTSIDE. PLUGGED UP HOLES SHALL NOT BE ACCEPTABLE. IT SHALL BE A 1/4" DIAMETER, MINIMUM, OR EQUIVALENT OPENING FOR DRAINAGE FROM THE SPACE AROUND THE SECONDARY CONNECTOR INTO THE L-867 BASE.

14. THE ELEVATION OF THE BREAKABLE COUPLING GROOVE SHALL NOT EXCEED 1-1/2" ABOVE THE EDGE OF THE COVER IN CASE OF BASE MOUNTED COUPLINGS, OR THE TOP OF THE STAKE IN CASE OF STAKE MOUNTED COUPLINGS.

15. WHERE THE BREAKABLE COUPLING IS NOT AN INTEGRAL PART OF THE LIGHT FIXTURE STEM OR MOUNTING LEG, A BEAD OF SILICON SEAL SHALL BE APPLIED COMPLETELY AROUND LIGHT STEM OR WIREWAY AT BREAKABLE COUPLING TO PROVIDE A WATERTIGHT SEAL.

16. TOPS OF THE STAKES SUPPORTING LIGHT FIXTURES SHALL BE FLUSH WITH THE SURROUNDING GRADE.

17. PLASTIC LIGHTING FIXTURE COMPONENTS, SUCH AS LAMP HEADS, STEMS, BREAKABLE COUPLINGS, BASE COVERS, BRACKETS, STAKES, SHALL NOT BE ACCEPTABLE.

18. THE TOLERANCE FOR THE HEIGHT OF RUNWAY/TAXIWAY EDGE LIGHTS SHALL BE: ONE (1) INCH. IN CASE OF STAKE MOUNTED LIGHTS, THE SPECIFIED LIGHTING FIXTURE HEIGHT SHALL BE MEASURED BETWEEN THE TOP OF THE STAKE AND THE TOP OF THE LENS. IN CASE OF BASE MOUNTED LIGHTS, THE SPECIFIED LIGHTING FIXTURE HEIGHT SHALL BE MEASURED BETWEEN THE TOP OF THE BASE FLANGE AND THE TOP OF THE LENS, THUS INCLUDING THE BASE COVER, THE FRANGIBLE COUPLING, THE STEM, THE LAMP HOUSING AND THE LENS.

19. THE TOLERANCE FOR THE LATERAL SPACING (LIGHT LANE TO RUNWAY/TAXIWAY CENTERLINE) OF RUNWAY/TAXIWAY EDGE LIGHTS SHALL BE ONE (1) INCH. THIS ALSO APPLIES AT INTERSECTIONS TO LATERAL SPACING BETWEEN LIGHTS OF A RUNWAY/TAXIWAY AND THE INTERSECTING RUNWAY/TAXIWAY.

20. ENTRANCES INTO L-867 BASES SHALL BE SEALED WITH HEAT SHRINK AS SHOWN IN DETAIL "B" ON SHEET NO. **.

21. GALVANIZED/PAINTED EQUIPMENT/COMPONENT SURFACES SHALL NOT BE DAMAGED BY DRILLING, FILING, ETC. DRAIN HOLES IN METAL TRANSFORMER HOUSINGS SHALL BE MADE BEFORE GALVANIZING.

22. EDGE LIGHT NUMBERING TAGS SHALL BE FACING THE PAVEMENT.

23. CABLE/SPLICE/DUCT MARKERS SHALL BE PRECAST CONCRETE OF THE SIZE SHOWN. LETTERS/NUMBERS/ARROWS FOR THE LEGEND TO BE IMPRESSED INTO THE TOPS OF THE MARKERS SHALL BE PRE-ASSEMBLED AND SECURED IN THE MOLD BEFORE THE CONCRETE IS POURED. LEGEND INSCRIBED BY HAND IN WET CONCRETE SHALL NOT BE ACCEPTABLE.

24. ALL UNDERGROUND CABLE RUNS SHALL BE IDENTIFIED BY CABLE MARKERS AT 200 FEET MAXIMUM SPACING, WITH AN ADDITIONAL MARKER AT EACH CHANGE OF DIRECTION OF THE CABLE RUN. CABLE MARKERS SHALL BE INSTALLED IMMEDIATELY ABOVE THE CABLES.

25. THERE SHALL BE NO SPLICES BETWEEN THE ISOLATION TRANSFORMERS. L-823 CONNECTORS ARE ALLOWED AT TRANSFORMER CONNECTIONS ONLY, UNLESS OTHERWISE SHOWN.

26. APPLY AN OXIDE INHIBITING, ANTI-SEIZING COMPOUND TO ALL SCREWS, NUTS AND BREAKAGE COUPLING THREADS.

27. LOCATIONS OF ENDS OF ALL UNDERGROUND DUCTS SHALL BE IDENTIFIED BY DUCT MARKERS.

28. WHERE A PARALLEL, CONSTANT VOLTAGE PAPI SYSTEM IS PROVIDED, THE "T" SPLICES SHALL BE OF THE CAST TYPE.

29. CONCRETE USED FOR SLABS, FOOTINGS, BACKFILL AROUND TRANSFORMER HOUSINGS, MARKINGS, ETC. SHALL BE 3000 PSI, AIR-ENTRAINED.

30. ALL POWER AND CONTROL CABLES IN MAN/HAND HOLES SHALL BE TAGGED. USE EMBOSSED COPPER STRIPS TO BE ATTACHED AT BOTH ENDS TO THE CABLE BY THE USE OF PLASTIC STRAPS. MINIMUM OF TWO TAGS SHALL BE PROVIDED ON EACH CABLE IN A MAN/HAND HOLE-ONE AT THE CABLE ENTRANCE AND ONE AT THE CABLE EXIT.

GROUNDING NOTES

1. ALL GROUND CONNECTIONS TO GROUND RODS, BUSSES, PANELS, ETC. SHALL BE MADE WITH PRESSURE TYPE SOLDERLESS LUGS AND GROUND CLAMPS SOLDERED OR BOLT AND WASHER TYPE CONNECTIONS ARE NOT ACCEPTABLE. CLEAN ALL METAL SURFACES BEFORE MAKING GROUND CONNECTIONS. CONNECTIONS TO GROUND RODS SHALL BE EXOTHERMIC WELD WHERE SPECIFIED HEREIN.

2. TOP OF GROUND RODS SHALL BE TEN (10) INCHES BELOW GRADE, UNLESS SPECIFIED OTHERWISE HEREIN, FOR RESPECTIVE APPLICATIONS.

3. THE RESISTANCE TO GROUND OF THE VAULT GROUNDING SYSTEM WITH THE COMMERCIAL POWER LINE NEUTRAL DISCONNECTED SHALL NOT EXCEED 10 OHMS.

BY	REVISION	DATE

DITMAX

DEKALB TAYLOR MUNICIPAL AIRPORT

IL. PROJ.: DKB-3448 AIP PROJ.: 3-17-0139-B42

LAYOUT	MDR	01/05/04
DRAWN	MDR	01/05/04
REVIEWED	CAH	03/06/06

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Filename R-543ELE.DWG
Scale N/A
Date 01/05/04

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PROPOSED ELECTRICAL NOTES

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