

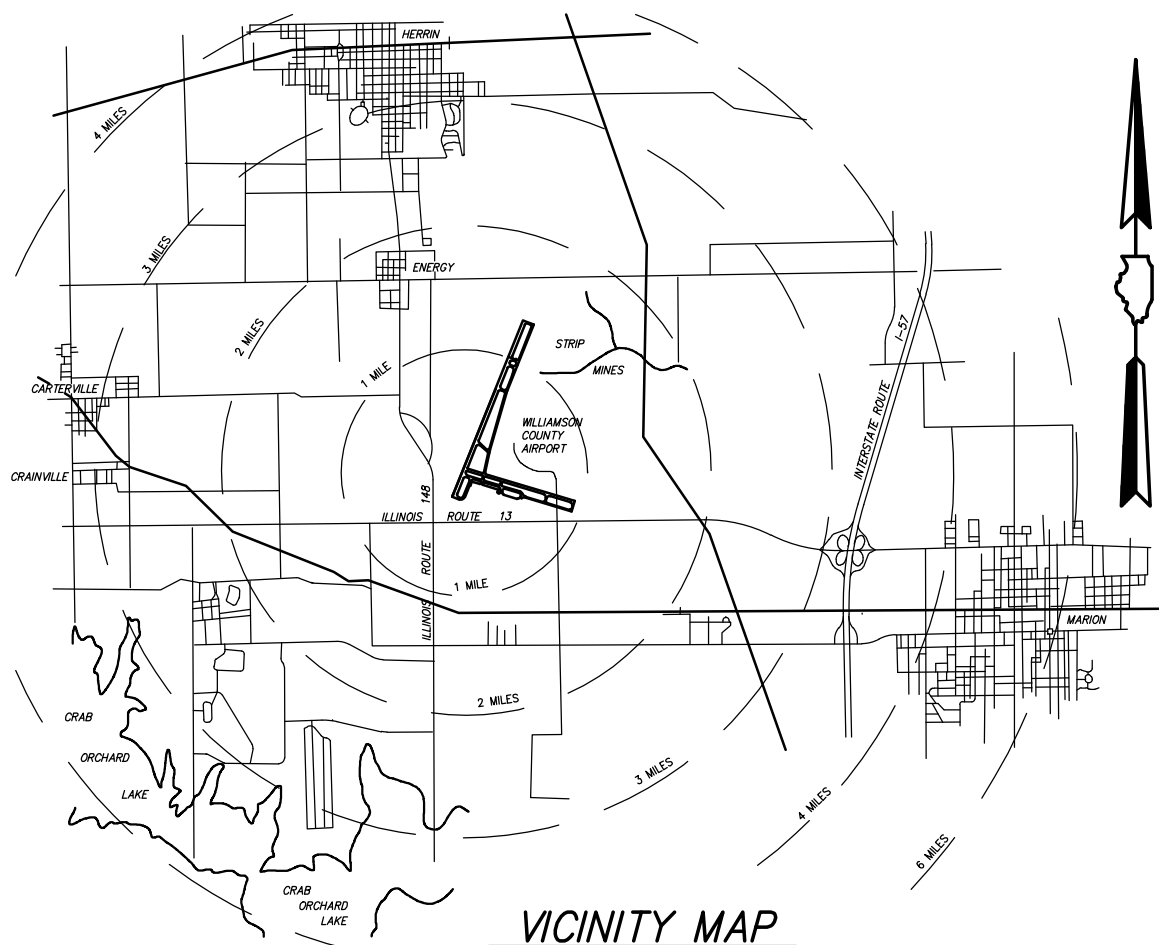
CONSTRUCTION PLANS FOR WILLIAMSON COUNTY REGIONAL AIRPORT REPAINT RUNWAY & TAXIWAY MARKINGS MARION - HERRIN, WILLIAMSON COUNTY, ILLINOIS DATE : MARCH 13, 2012

ILLINOIS PROJECT No. MWA-4169
AIP PROJECT No. 3-17-0065-B2

SUMMARY OF QUANTITIES				
ITEM NO.	DESCRIPTION	UNIT	EST. QTY.	AS BUILT QTY.
AR620520	PAVEMENT MARKING - WATERBOURNE	S.F.	168,571	
AR620525	PAVEMENT MARKING - BLACK BORDER	S.F.	5,928	

INDEX OF SHEETS

- | | |
|-------|----------------------|
| 1. | COVER |
| 2. | VICINITY AERIAL PLAN |
| 3. | SAFETY PLAN |
| 4.-7. | PLAN SHEETS |
| 8. | DETAIL SHEETS |



LATITUDE 37° 45' 15"
LONGITUDE 89° 00' 45"
ELEVATION 471.00

BOARD MEMBERS

CHAIRMAN : CARL PLANINC
MEMBERS : BERNARD A. PAUL
DARREN PULLEY
RICHARD PISONI
SECRETARY : CRAIG PILLATSCH
AIRPORT DIRECTOR : DOUGLAS KIMMEL



EXPIRES : NOVEMBER 30, 2013

PROJECT NO. 11126

PLANS PREPARED BY : CLARIDA & ZIEGLER ENGINEERING CO.	WILLIAMSON COUNTY REGIONAL AIRPORT AUTHORITY
REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS NO. 53881 SUBMITTED <u>W. Brian Ziegler</u> ENGINEER W. BRIAN ZIEGLER DATE : <u>March 13</u> 2012	APPROVED <u>Carl Planinc</u> CHAIRMAN DATE : MARCH 13 2012 APPROVED <u>Craig H. Pillatsch</u> SECRETARY DATE : MARCH 13 2012

SHEET 4

SHEET 6

SHEET 7

SHEET 5



STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-004515

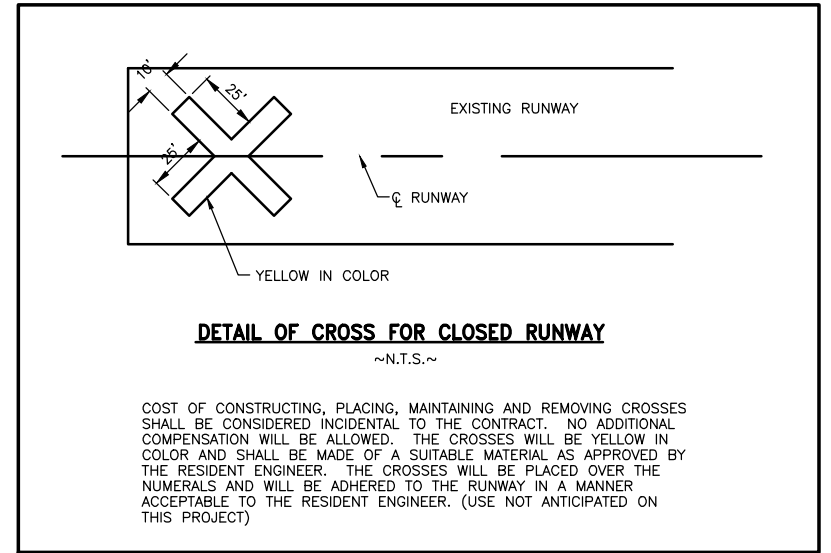
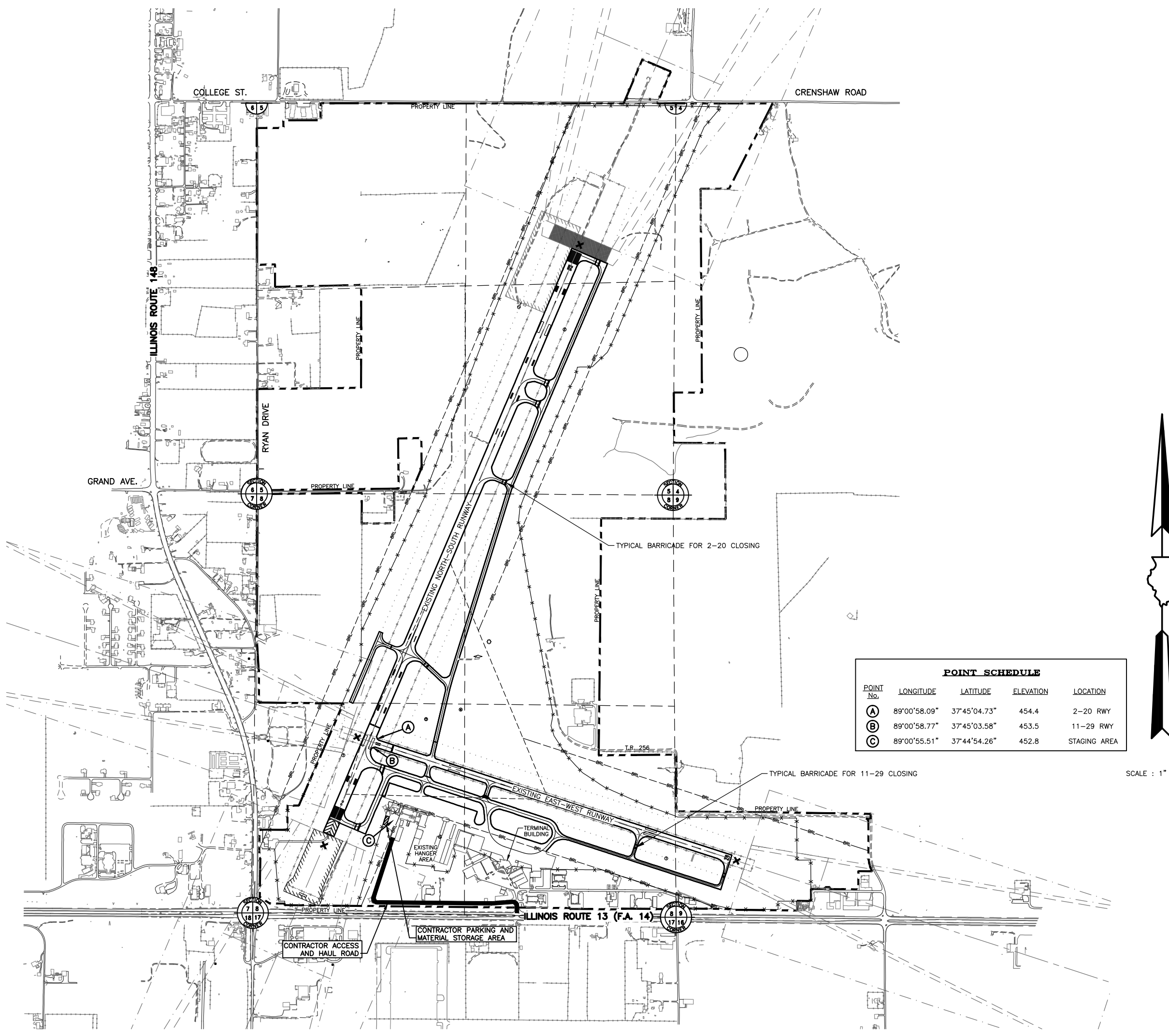
REVISIONS	
DATE	NO.

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CLARIDA & ZIEGLER ENGINEERING CO.
 308 South Court St, P.O. Box 937
 Marion, Illinois 62959
 Phone - (618)993-6411, Fax - (618)993-6750

GENERAL LAYOUT - RUNWAY & TAXIWAY MARKINGS
 WILLIAMSON COUNTY REGIONAL AIRPORT
 MARION, ILLINOIS

Date 3/13/12 DR. By TDE CK'D By CM
 Scale 1" = 400' Job No. 11126 Sheet No. 02 of 08



- GENERAL NOTES**
1. THE CONTRACTOR SHALL THOROUGHLY CLEAN ALL CONSTRUCTION AREAS WHEN THE PROJECT IS COMPLETED.
 2. ALL AREAS UTILIZED BY THE CONTRACTOR FOR EQUIPMENT PARKING AND STORAGE SHALL BE KEPT CLEAN, MAINTAINED AND REPAIRED TO THE SATISFACTION OF THE ENGINEER. NO ADDITIONAL COMPENSATION WILL BE MADE TO THE CONTRACTOR FOR THIS WORK.
 3. EXISTING TURF AREAS DISTURBED BY THE CONTRACTORS OPERATIONS SHALL BE RESTORED BY HIM AT HIS EXPENSE TO THE SATISFACTION OF THE ENGINEER.
 4. THE CONTRACTOR SHALL WORK ONLY IN THE LIMITS SHOWN ON THE PLANS.
 5. THE CONTRACTOR SHOULD NOT WORK WITHIN 250 FEET OF RUNWAY 2-20 AND WITHIN 200 FEET OF RUNWAY 11-29 UNLESS THE RUNWAY IS CLOSED.
 6. MAXIMUM HEIGHT OF CONSTRUCTION EQUIPMENT IS ANTICIPATED TO BE 12', WHICH IS A RAISED TRUCK BED.
 7. EROSION CONTROL - THIS PROJECT WILL NOT DISTURB ANY AREAS.
 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES THAT HAVE LINES IN THE WORK AREA AND GET THEM LOCATED. CALL J.U.L.I.E. (1-800-892-0123) FOR UTILITY LOCATING.
 9. IDENTIFICATION - WHEN THE CONTRACTOR'S VEHICLES AND EQUIPMENT ARE ON THE AIRPORT THEY SHALL BE PROPERLY MARKED WITH THREE FOOT (3') SQUARE CHECKERED FLAGS (INTERNATIONAL ORANGE AND WHITE).
 10. THE RUNWAY & TAXIWAY WILL BE CLOSED WITH TWO-WAY RADIO CONTROL WITH TOWER WHILE PAINTING RUNWAY & TAXIWAY MARKING.
 11. ALL CLOSINGS WILL BE APPROVED BY AIRPORT DIRECTOR.
 12. ALL BARRICADES SHALL BE LOW PROFILE BARRICADES.

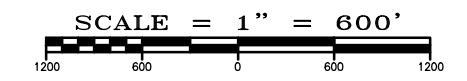
PROJECT SCOPE & DESCRIPTION
REPAINTING ALL RUNWAY AND TAXIWAY MARKINGS ON THE AIRPORT.

POINT SCHEDULE

POINT No.	LONGITUDE	LATITUDE	ELEVATION	LOCATION
(A)	89°00'58.09"	37°45'04.73"	454.4	2-20 RWY
(B)	89°00'58.77"	37°45'03.58"	453.5	11-29 RWY
(C)	89°00'55.51"	37°44'54.26"	452.8	STAGING AREA



SCALE : 1" = 600'



STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-004515

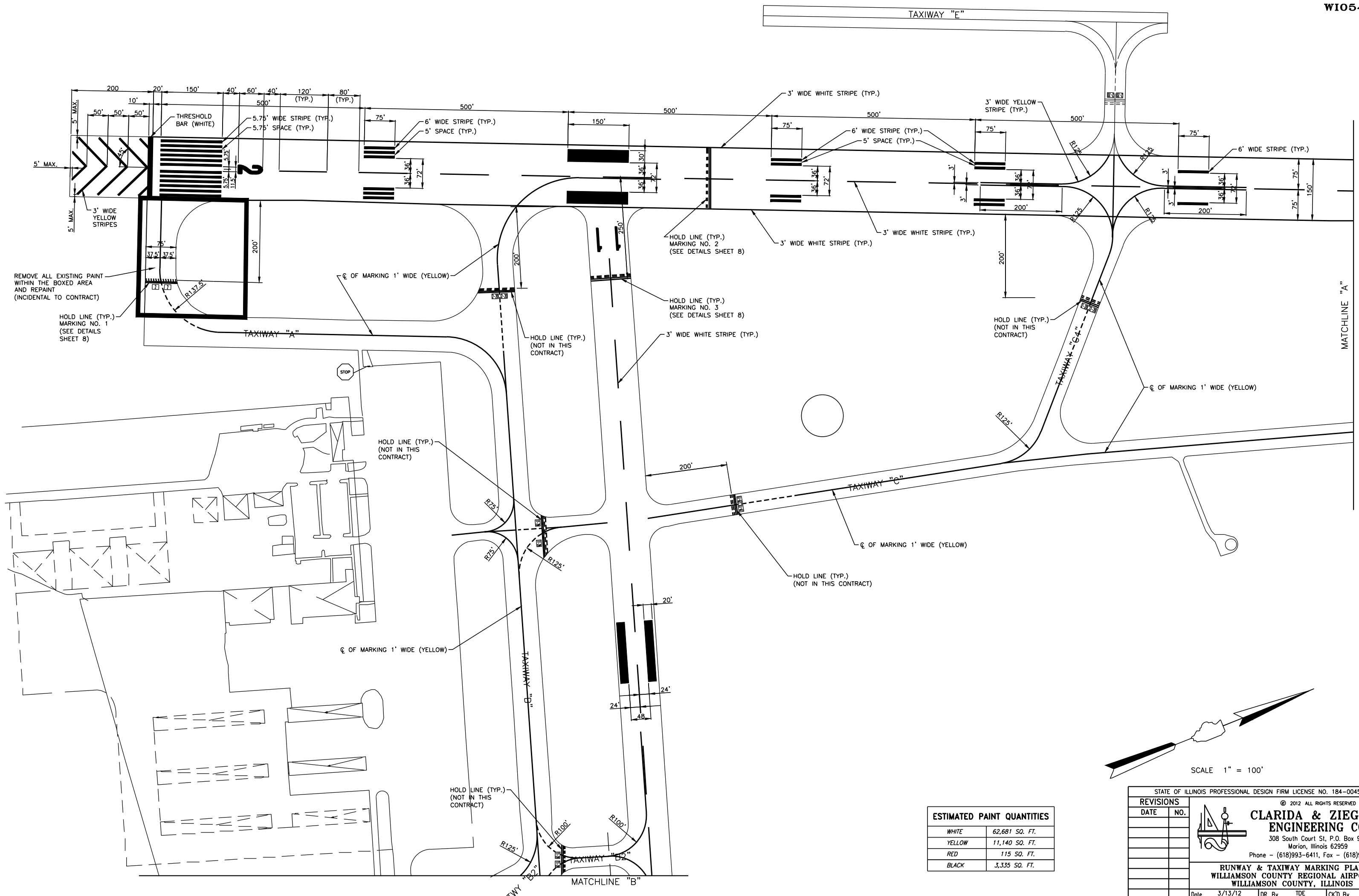
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SAFETY PLAN - RUNWAY & TAXIWAY MARKINGS
WILLIAMSON COUNTY REGIONAL AIRPORT
MARION-HERRIN, ILLINOIS

REVISIONS	DATE	NO.

Date 3/13/12 DR. By TDE CK'D By CM
Scale 1"=600' Job No. 11126 Sheet No. 03 of 08



REMOVE ALL EXISTING PAINT WITHIN THE BOXED AREA AND REPAINT (INCIDENTAL TO CONTRACT)

HOLD LINE (TYP.) MARKING NO. 1 (SEE DETAILS SHEET 8)

HOLD LINE (TYP.) MARKING NO. 2 (SEE DETAILS SHEET 8)

HOLD LINE (TYP.) MARKING NO. 3 (SEE DETAILS SHEET 8)

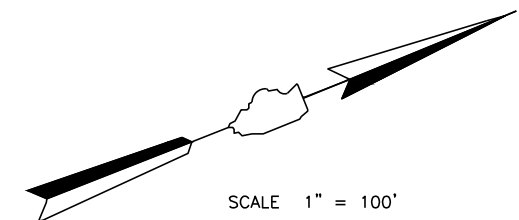
HOLD LINE (TYP.) (NOT IN THIS CONTRACT)

HOLD LINE (TYP.) (NOT IN THIS CONTRACT)

HOLD LINE (TYP.) (NOT IN THIS CONTRACT)

HOLD LINE (TYP.) (NOT IN THIS CONTRACT)

ESTIMATED PAINT QUANTITIES	
WHITE	62,681 SQ. FT.
YELLOW	11,140 SQ. FT.
RED	115 SQ. FT.
BLACK	3,335 SQ. FT.



REVISIONS	
DATE	NO.

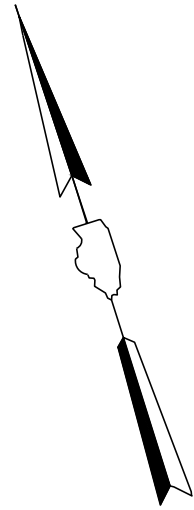
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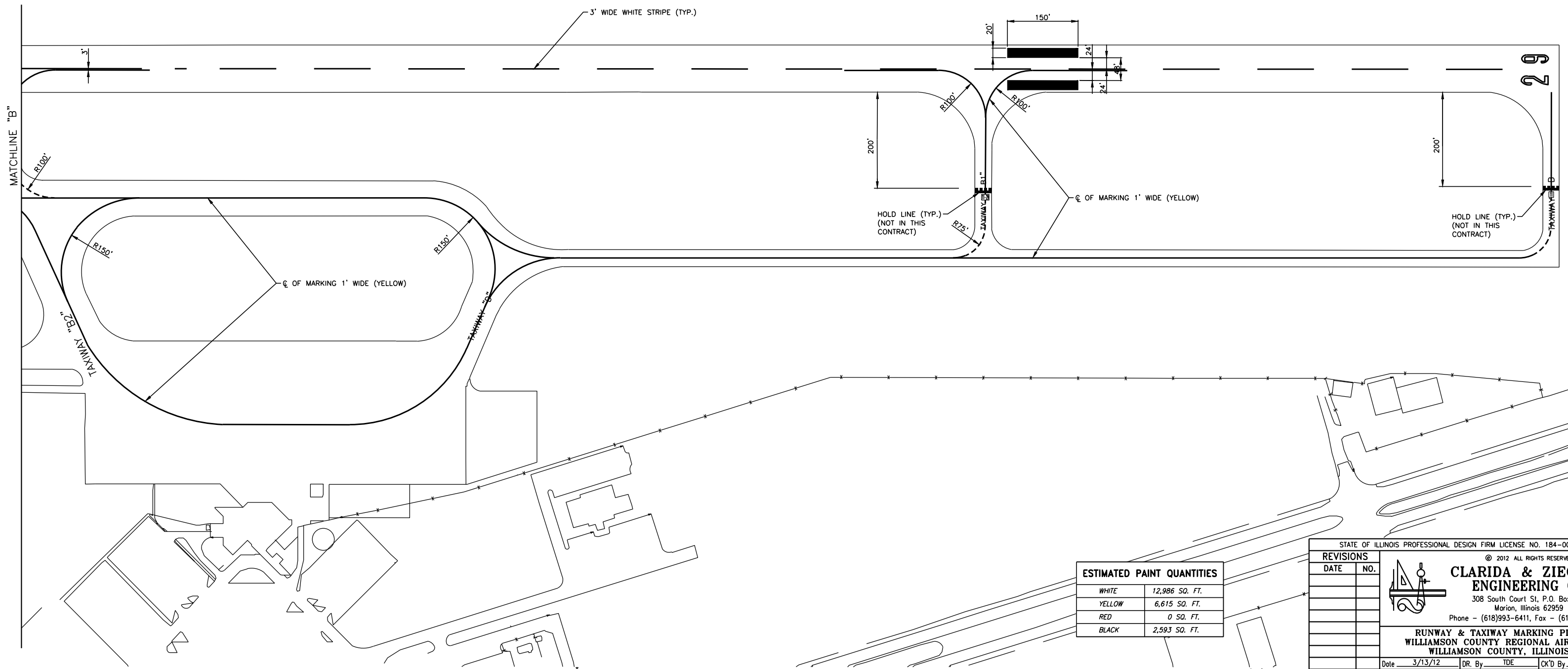
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RUNWAY & TAXIWAY MARKING PLAN
 WILLIAMSON COUNTY REGIONAL AIRPORT
 WILLIAMSON COUNTY, ILLINOIS

Date 3/13/12 DR. By TDE CK'D By CM
 Scale 1"=100' Job No. 10071 Sheet No. 04 of 08



SCALE 1" = 100'



ESTIMATED PAINT QUANTITIES	
WHITE	12,986 SQ. FT.
YELLOW	6,615 SQ. FT.
RED	0 SQ. FT.
BLACK	2,593 SQ. FT.

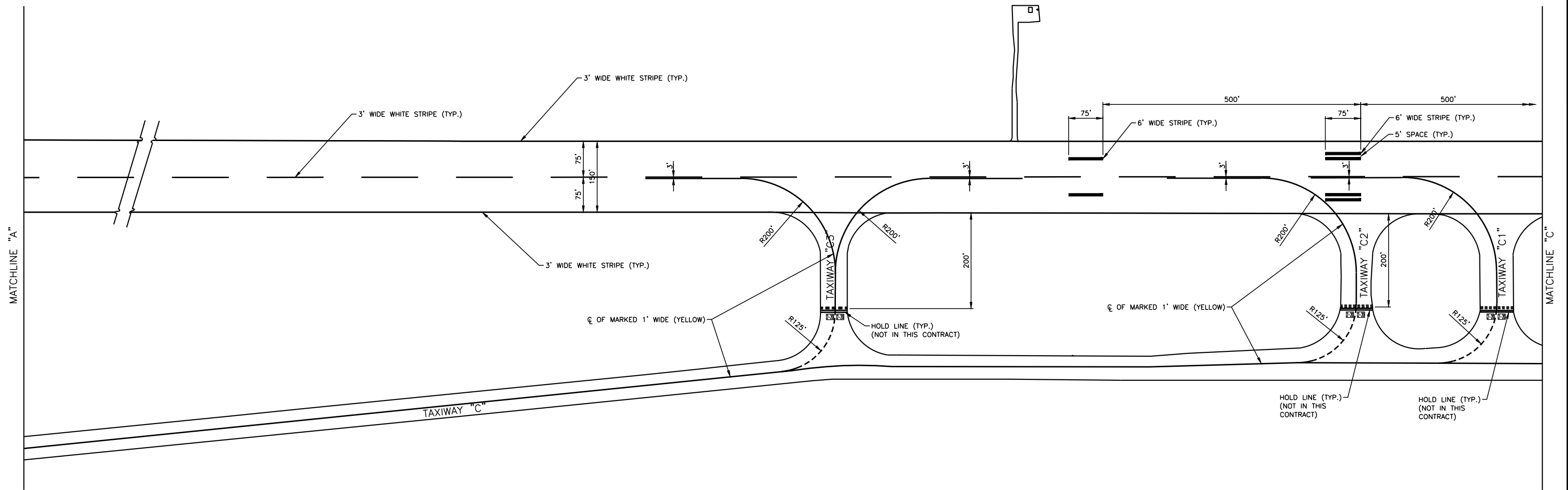
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RUNWAY & TAXIWAY MARKING PLAN
WILLIAMSON COUNTY REGIONAL AIRPORT
WILLIAMSON COUNTY, ILLINOIS

Date 3/13/12 DR. By TDE CK'D By CM
 Scale 1"=100' Job No. 11126 Sheet No. 05 of 08

SCALE: 1" = 100'



ESTIMATED PAINT QUANTITIES	
WHITE	29,454 SQ. FT.
YELLOW	5,617 SQ. FT.
RED	0 SQ. FT.
BLACK	0 SQ. FT.

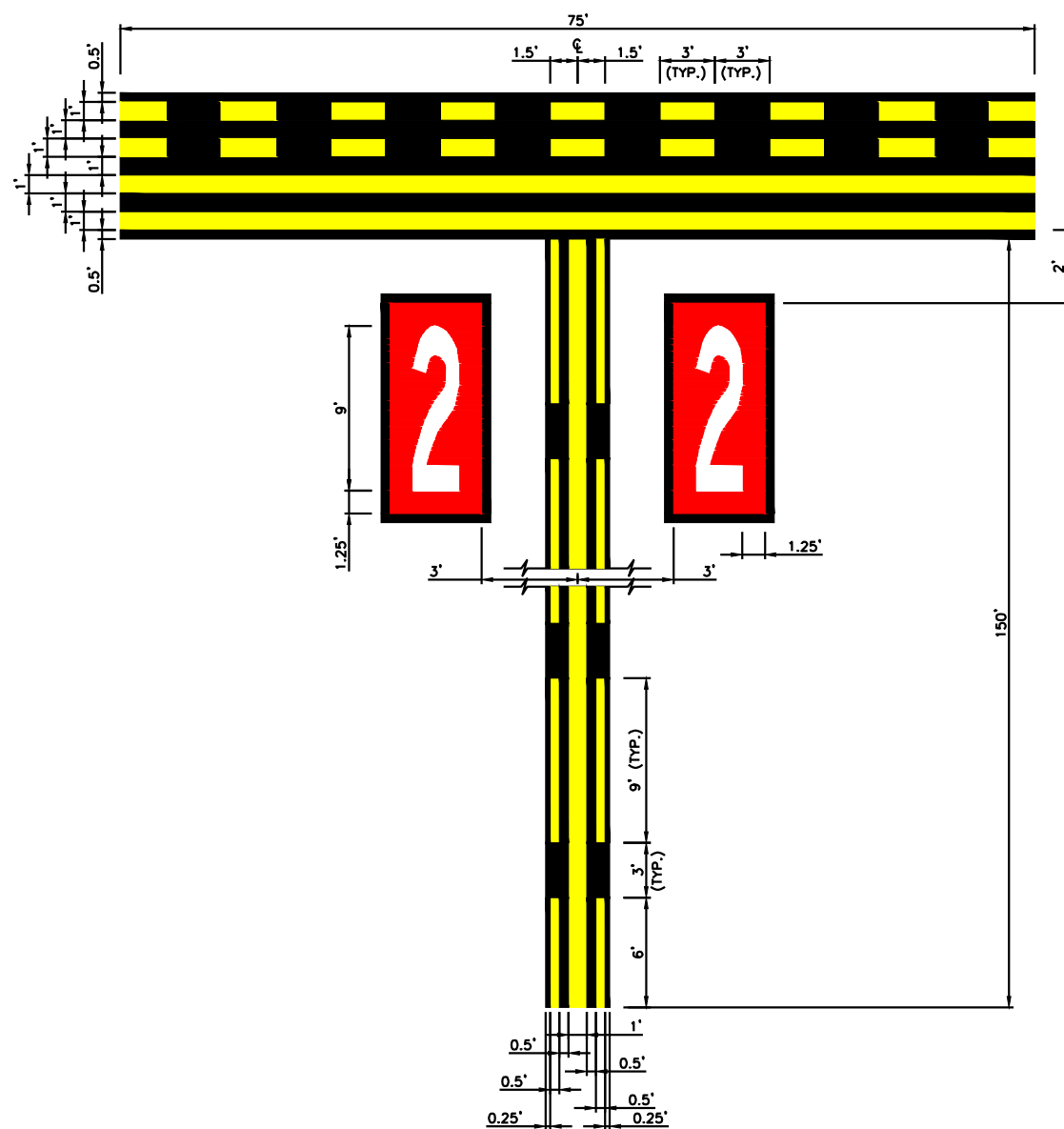
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RUNWAY & TAXIWAY MARKING PLAN
 WILLIAMSON COUNTY REGIONAL AIRPORT
 WILLIAMSON COUNTY, ILLINOIS

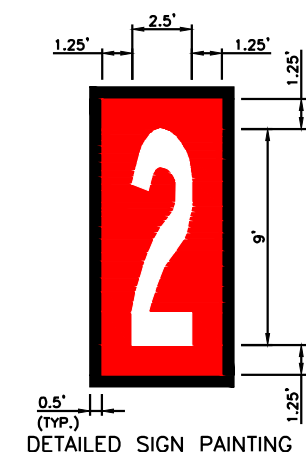
Date: 3/13/12 DR. By: TDE CK'D By: CM
 Scale: 1"=100' Job No. 11126 Sheet No. 06 of 08



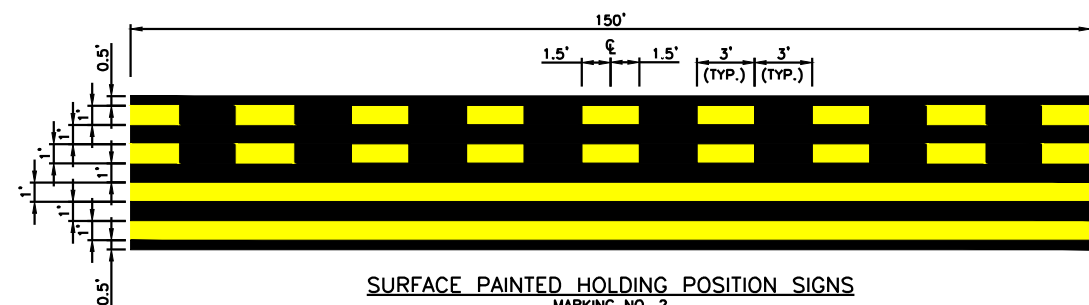
SURFACE PAINTED HOLDING POSITION SIGNS
MARKING NO. 1



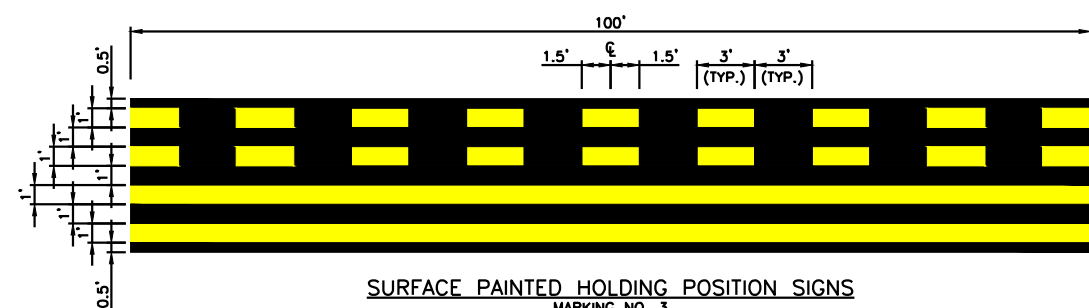
ENLARGEMENT OF ENHANCED MARKING



DETAILED SIGN PAINTING 2



SURFACE PAINTED HOLDING POSITION SIGNS
MARKING NO. 2



SURFACE PAINTED HOLDING POSITION SIGNS
MARKING NO. 3

NOTES:

1. THE NUMBERS USED SHALL CONFORM IN STYLE AND APPEARANCE TO THOSE USED IN APPENDIX 1 OF THE FAA AIRPORT ADVISORY CIRCULAR 150/5340-1K.
2. ON A CURVED TAXIWAY, THE MARKING SHALL REMAIN PARALLEL TO THE HOLD LINE MARKING.
3. THE SURFACE PAINTED HOLDING POSITION MARKING SHALL BE 3' FROM THE CENTER OF THE CENTERLINE AND 2' FROM THE EDGE OF THE TAXIWAY. THESE SHALL BE MEASURED TO THE CLOSEST CORNER OF THE RED BACKGROUND OF THE SURFACE PAINTED HOLDING POSITION MARKING.

PAVEMENT MARKING TABULATIONS								
TAXIWAY MARKING	HOLD LINE			ENHANCED $\text{\textcircled{C}}$		TAXIWAY SIGNS		
	WIDTH	BLACK	YELLOW	BLACK	YELLOW	WHITE	RED	BLACK
SQ. FT.	SQ. FT.	SQ. FT.	SQ. FT.	SQ. FT.	SQ. FT.	SQ. FT.	SQ. FT.	SQ. FT.
1	75'	675	225	375	114	24	115	35
2	150'	1350	450	0	0	0	0	0
3	100'	900	300	0	0	0	0	0

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DETAILS - RUNWAY & TAXIWAY MARKINGS
WILLIAMSON COUNTY REGIONAL AIRPORT
MARION-HERRIN, ILLINOIS

Date 3/13/12 DR. By TDE CK'D By CM
Scale NONE Job No. 11126 Sheet No. 08 of 08