

08A

FRO37
TOTAL
SHEETS: 9

CITY OF FREEPORT FREEPORT, ILLINOIS CONSTRUCTION PLANS FOR FREEPORT - ALBERTUS AIRPORT

INDEX TO SHEETS

1. COVER SHEET (CVR1)
2. SUMMARY OF QUANTITIES (SUM1)
3. SITE PLAN AND PROJECT CONTROL (SPL1)
4. SEQUENCE OF CONSTRUCTION PLAN, NOTES AND DETAILS - 1 (SEQ1)
5. SEQUENCE OF CONSTRUCTION PLAN, NOTES AND DETAILS - 2 (SEQ2)
6. STAGE 1: TAXIWAY "D" AND TERMINAL APRON REPAIR PLAN (STG1)
7. STAGE 2: TAXIWAYS "E" AND "A" EAST REPAIR PLAN (STG2)
8. STAGE 3: T-HANGAR PAVEMENTS REPAIR PLAN (STG3)
9. MISCELLANEOUS DETAILS -1 (DTL1)



FREEPORT - ALBERTUS AIRPORT
FREEPORT, ILLINOIS

FREEPORT-ALBERTUS AIRPORT

APPROVED BY _____
HONORABLE GEORGE W. GAULRAPP, MAYOR

DATE _____
NOVEMBER 10, 2006

AIRFIELD PAVEMENT REPAIRS

FINAL SUBMITTAL

ILLINOIS PROJECT: FEP-3129
AIP PROJECT: 3-17-0045-B20

NOVEMBER 10, 2006

DESIGN INFORMATION

DESIGN AIRCRAFT APPROACH CATEGORY D
DESIGN AIRCRAFT GROUP 2

TOWNSHIP: 26 N RANGE: 8 E TOWNSHIP: SILVER CREEK
SECTION: 21 STEPHENSON COUNTY
MAX. EQUIPMENT HT.: 25 FT.

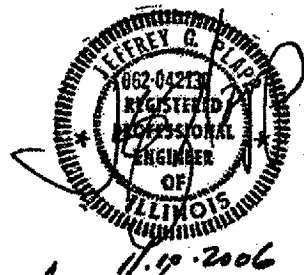


CALL J.U.L.I.E
BEFORE EXCAVATING
1-800-892-0123

Illinois Professional Engineering Practice Act of 1989



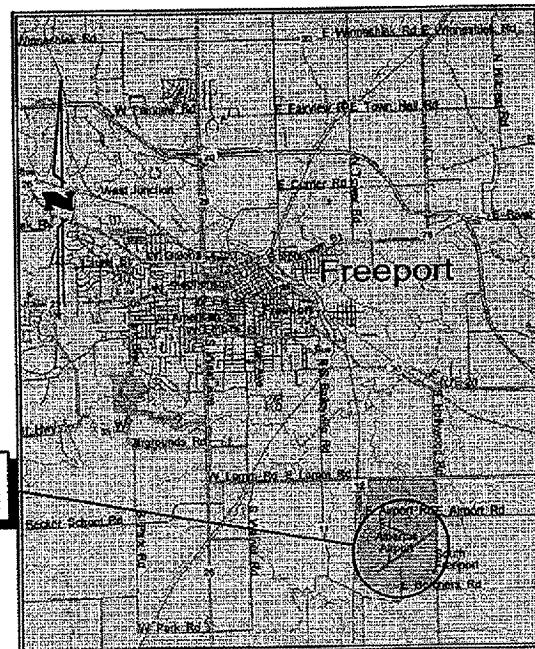
Springfield, Illinois
Aurora, Illinois
Rockford, Illinois
St. Louis, Mo.



SUBMITTED BY _____
JEFFREY G. PLAPP, P.E.

DATE _____
NOVEMBER 10, 2006
License expires 11-30-2007

PROJECT
LOCATION



LOCATION MAP



PROJECT
LOCATION

SITE PLAN

06294-02-00



SUMMARY OF QUANTITIES

SEQ NO	ITEM NO	DESCRIPTION	UNIT	Stage 1		Stage 2		Stage 3	Total	
				TXY D	TERM. APRON	TXY E	TXY A	T-HANGAR AREA F/L	TOTAL EST. QUANTITY	RECORD QUANTITY
				F/S/L	F/L	F/L	F/L			
1	AR201670	CRACK CONTROL FABRIC	SY	2,223.00					2,223.00	
2	AR401610	BITUMINOUS SURFACE COURSE	TON	265.00					265.00	
3	AR401655	BUTT JOINT CONSTRUCTION	SY	580.00					580.00	
4	AR401910	REMOVE & REPLACE BIT. PAVEMENT	SY	56.00	534.00	213.00	232.00	212.00	1,247.00	
5	AR603510	BITUMINOUS TACK COAT	GAL	330.00					330.00	
6	AR620520	PAVEMENT MARKING-WATERBORNE	SF	610.00	940.00	1,355.00	1,332.00	963.00	5,200.00	
7	AR620525	PAVEMENT MARKING-BLACK BORDER	SF	860.00	940.00	1,755.00	1,732.00	963.00	6,250.00	
8	AR800820	REM. & REPL. BIT. PVMNT. (PART. DEPTH)	SY		50.00			60.00	110.00	

F/S/L (95% Federal, 2.5% State, 2.5% Local)
 F/L (95% Federal, 5% Local)

Freight, Illinois
 City of Freight
 AIP: 3-17-0045-B20
 FEP-3129
 Airfield Pavement
 Repairs

Revisions		
No.	Date	Description

0 1
 THIS BAR IS EQUAL TO 1"
 AT FULL SCALE (17 X 11).
 DESIGN BY: CMT- RFD
 DRAWN BY: CMT- RFD
 CHECKED BY: CMT- RFD
 APPROVED BY: JGP
 DATE: 6.9.2006
 JOB No: 06294-02-00

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES (SUM1)
 2
 SHEET 2 OF 9 SHEETS

FR037



SEQUENCE NOTES:

1. CONTRACTOR STAGING AREA SHALL BE LOCATED AS SHOWN ON THIS SHEET.
2. CONTRACTOR SHALL PROVIDE RESIDENT ENGINEER WITH APPROVED PROGRESS SCHEDULE SHOWING START/ STOP DATES OF PROPOSED CONSTRUCTION. APPROVED PROGRESS SCHEDULE SHALL BE SUBMITTED 5 WORKING DAYS PRIOR TO START OF CONSTRUCTION.
2. RESIDENT ENGINEER SHALL COORDINATE NOTAM WITH AIRPORT MANAGER.
3. THE CONTRACTOR SHALL MAINTAIN AND REPAIR THE THE CONSTRUCTION ACCESS ROAD AND STAGING AREA IN ITS ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE CONTRACT.
4. ACCESS TO EXISTING HANGARS AND TENANTS MUST BE MAINTAINED AT ALL TIMES.
5. MAXIMUM EQUIPMENT HEIGHT = 25 FT.
6. SEE INDIVIDUAL STAGING SHEETS FOR PHASING BARRICADE PLACEMENT.

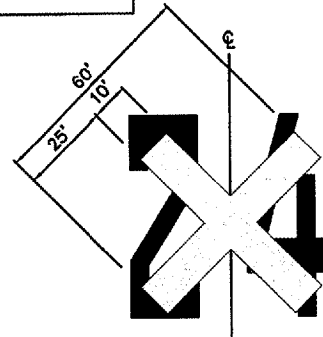
CLOSED RUNWAY MARKER NOTES:

1. CLOSED RUNWAY MARKERS SHALL BE YELLOW.
2. MARKERS SHALL BE MATERIAL APPROVED BY THE ENGINEER.
3. CONTRACTOR SHALL MAINTAIN AND RELOCATE MARKERS AS DIRECTED BY THE ENGINEER.
4. MARKERS SHALL BE PLACED OVER EXISTING RUNWAY NUMERALS ON BOTH ENDS OF THE RUNWAY.
5. COST OF FURNISHING, INSTALLING, MAINTAINING AND REMOVING MARKERS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
6. DURING VARIOUS PHASES OF WORK, IT WILL BE NECESSARY TO CLOSE RUNWAYS TO AIR TRAFFIC ON A TEMPORARY BASIS, AS COORDINATED WITH THE AIRPORT. THE CONTRACTOR SHALL MARK THE RUNWAYS TO BE CLOSED BY PLACING A YELLOW CROSS AT THE LOCATION AND DIMENSIONS DETAILED ON THIS SHEET.
7. WHEN WORK IS BEING PERFORMED IN THE VICINITY OF THE RUNWAY NUMERALS, THE MARKERS SHALL BE PLACED 80' OFF THE RUNWAY END.

DESIGN AIRCRAFT APPROACH CATEGORY: D
DESIGN AIRCRAFT GROUP: II

CP #4:
LATITUDE: 42D 14' 48.2"
LONGITUDE: 89D 35' 01.9"
ELEVATION: 844.30

CP #5:
LATITUDE: 42D 14' 50"
LONGITUDE: 86D 35' 04.8"
ELEVATION: 843.80



CLOSED RUNWAY MARKER
NO SCALE

CP #3:
LATITUDE: 42D 14' 54"
LONGITUDE: 89D 34' 37.4"
ELEVATION: 840.70

CP #2:
LATITUDE: 42D 14' 46.5"
LONGITUDE: 89D 34' 46.6"
ELEVATION: 840.50

CP #1:
LATITUDE: 42D 14' 36.9"
LONGITUDE: 89D 35' 04.9"
ELEVATION: 846.00

CLOSED RUNWAY MARKERS
REQUIRED DURING WORK IN STAGE 2B
(SEE INDIVIDUAL STAGING
SHEET FOR DETAILS)

CLOSED RUNWAY MARKERS
REQUIRED DURING WORK IN STAGE 2A
(SEE INDIVIDUAL STAGING
SHEET FOR DETAILS)

Revisions

No.	Date	Description

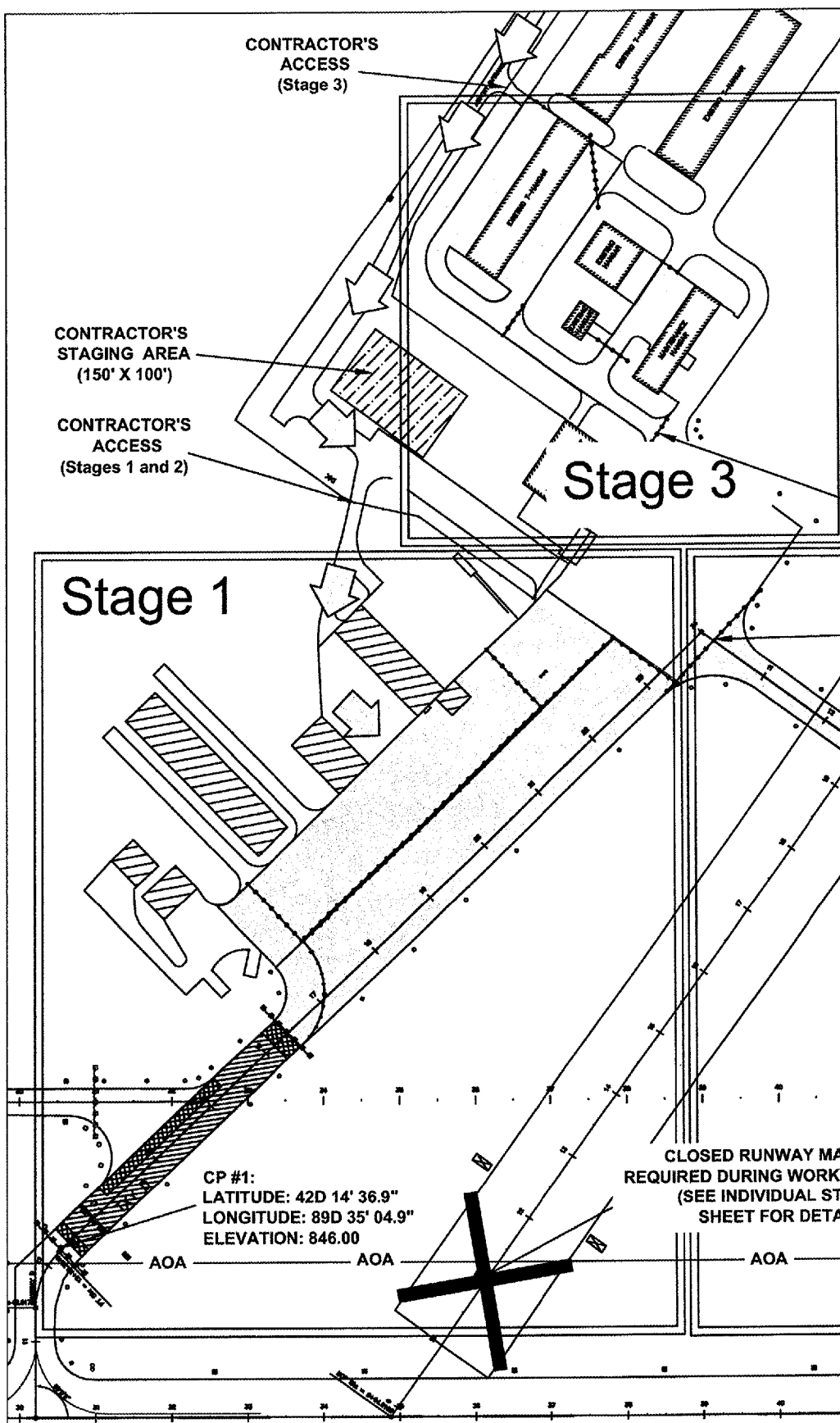
0 1
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DESIGN BY: CMT-RFD
DRAWN BY: CMT-RFD
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DATE: 6.7.2006
JOB No: 06294-02-00

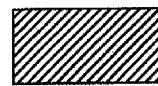
**SEQUENCE OF
CONSTRUCTION
PLAN, NOTES AND
DETAILS - 1
(SEQ1)**

4

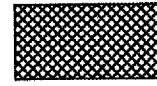
SHEET 4 OF 9 SHEETS



AIRFIELD PAVEMENT REPAIR
AREA INCLUDING FULL-DEPTH
AND PARTIAL DEPTH BITUMINOUS
REMOVAL AND REPLACEMENTS,
LOCATIONS AS DESIGNATED BY
THE R.E.



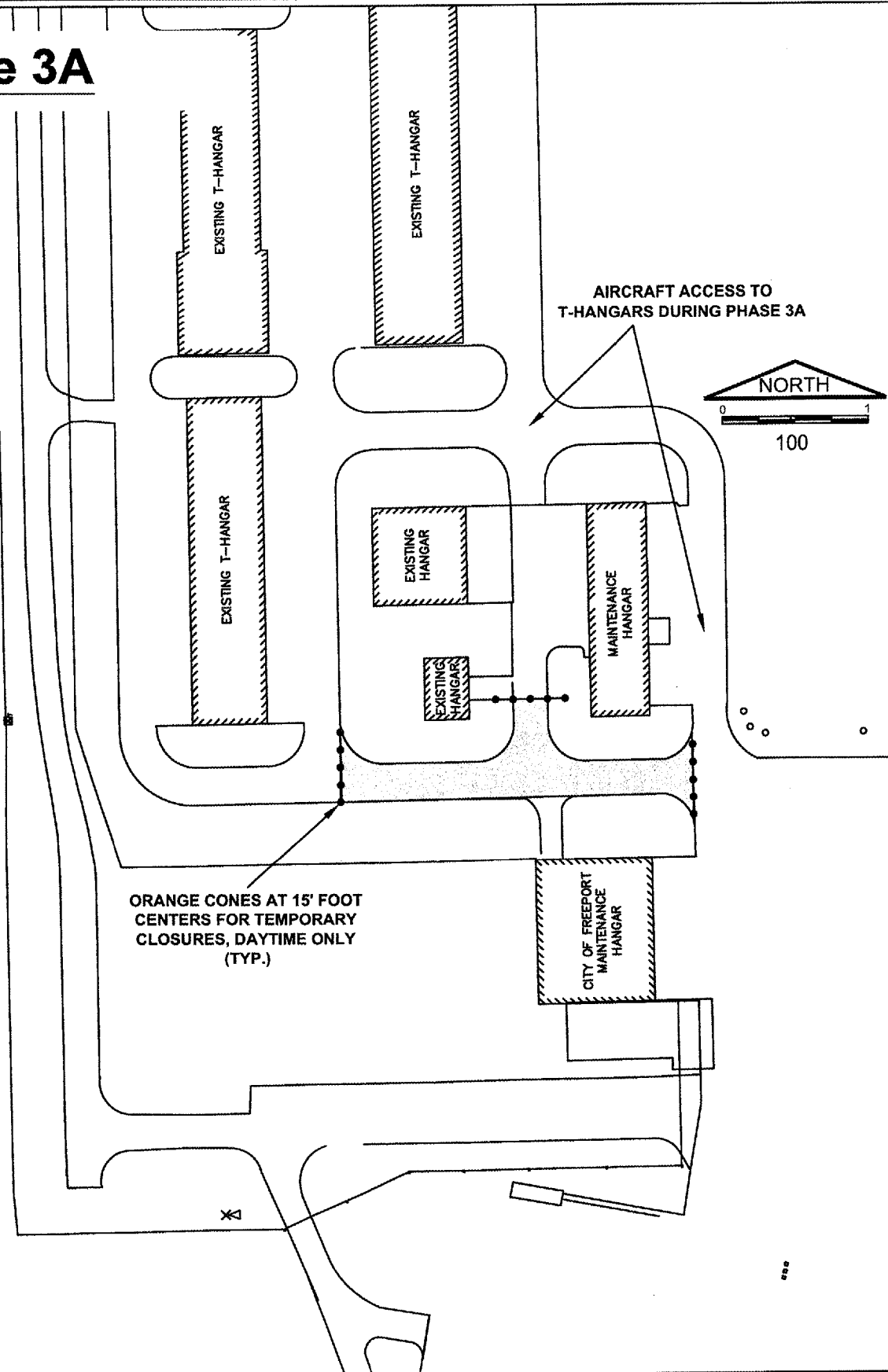
NEW 2" BITUMINOUS
OVERLAY ON CRACK
CONTROL FABRIC AND
TACK COAT



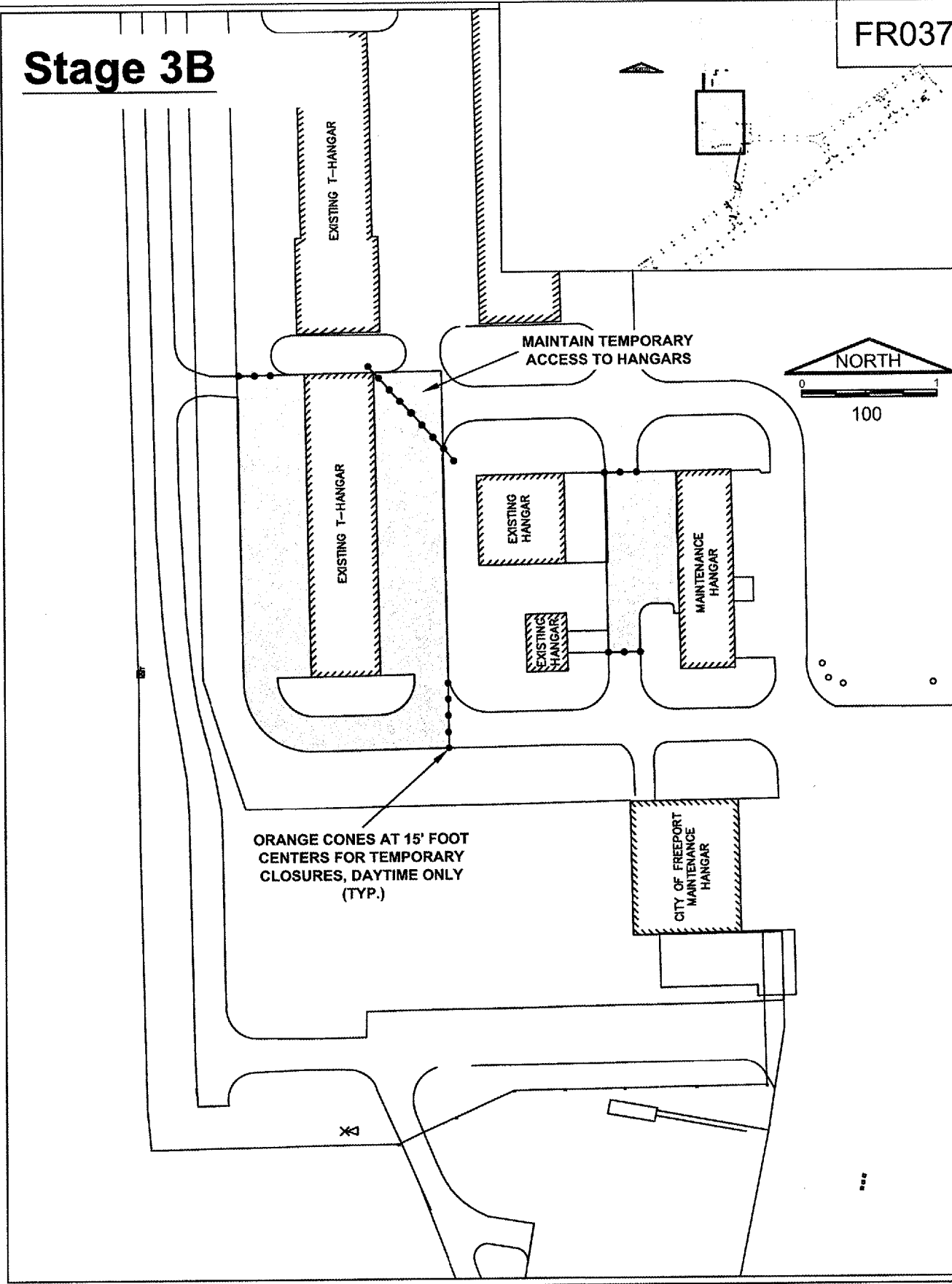
NEW 0" - 2" BUTT JOINT
CONSTRUCTION

**SEQUENCE OF CONSTRUCTION
PLAN, NOTES AND DETAILS - 1**

Stage 3A



Stage 3B



FR037



Freeport, Illinois
 City of Freeport
 AIP: 3-17-0045-B20
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 Repairs




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STAGE 3: T-HANGAR PAVEMENTS REPAIR PLAN

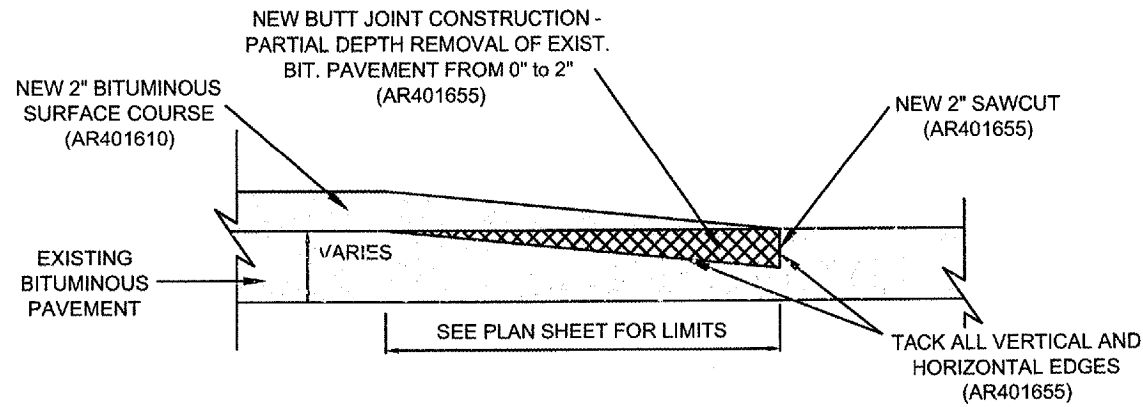
STAGE 3:
 T-HANGAR
 PAVEMENTS
 REPAIR PLAN
 (STG3)

 <p>AIRFIELD PAVEMENT REPAIR AREA INCLUDING FULL-DEPTH AND PARTIAL DEPTH BITUMINOUS REMOVAL AND REPLACEMENTS, LOCATIONS AS DETERMINED BY THE R.E. APPROX. BIT. PVMT. THICKNESSES: STAGE 3A AND 3B: 4"</p>	 <p>NEW 2" BITUMINOUS OVERLAY ON CRACK CONTROL FABRIC AND TACK COAT</p>	 <p>NEW 0" - 2" BUTT JOINT CONSTRUCTION</p>
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FR037

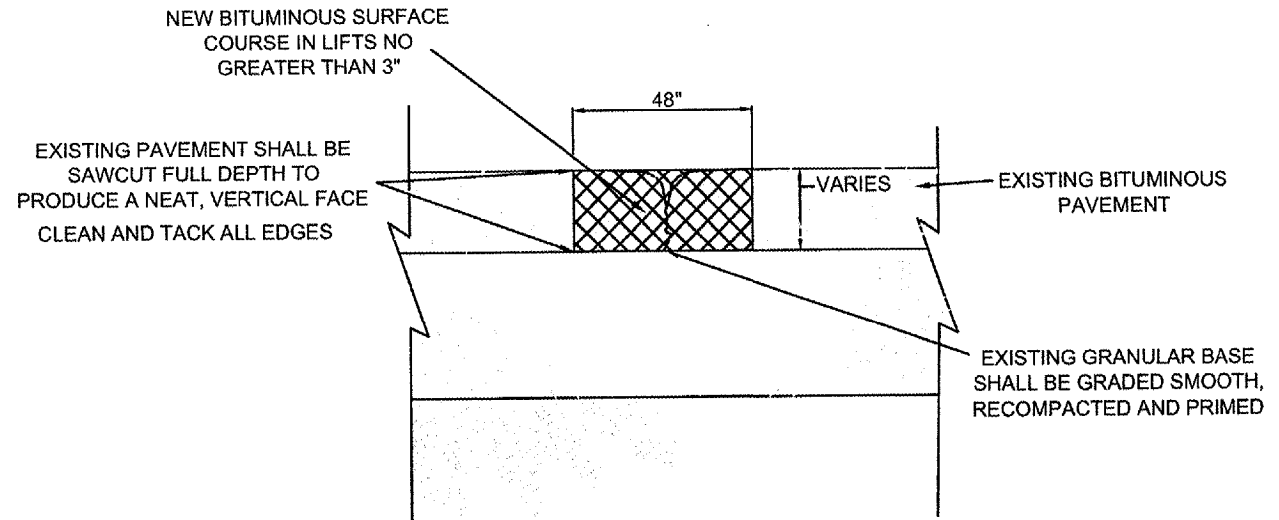


Freeport, Illinois
 City of Freeport
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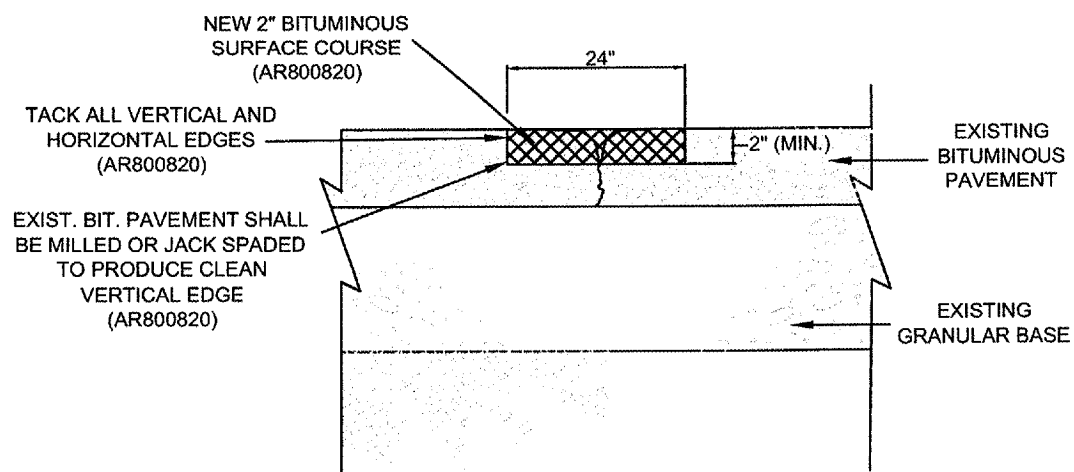
AR401655 BUTT JOINT CONSTRUCTION
 NO SCALE

(SAWCUTTING, REMOVAL AND DISPOSAL OF EXIST. PAVEMENT; TACKING VERTICAL AND HORIZONTAL EDGES SHALL BE INCIDENTAL TO THIS ITEM)



AR401910 REMOVE & REPLACE BIT. PAVEMENT
 NO SCALE

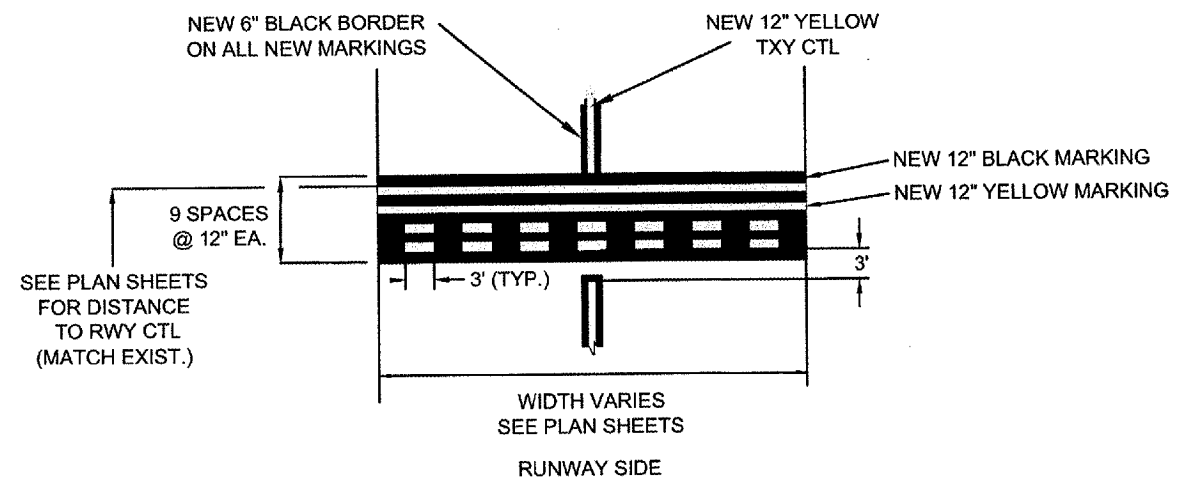
(SAWCUTTING, REMOVAL AND DISPOSAL OF EXIST. PAVEMENT; REGRADING AND RECOMPACTING OF EXIST. BASE; TACKING VERTICAL EDGES, PRIMING BASE, PLACING AND COMPACTING SURFACE COURSE SHALL BE INCIDENTAL TO THIS ITEM)



AR800820 REM. & REPL. BIT. PVMNT. (PARTIAL DEPTH)
 NO SCALE

(SAWCUTTING, REMOVAL AND DISPOSAL OF EXIST. PAVEMENT; TACKING VERTICAL AND HORIZONTAL SURFACES; PLACING AND COMPACTING SURFACE COURSE SHALL BE INCIDENTAL TO THIS ITEM)

AIRCRAFT HOLDING SIDE



RUNWAY HOLDING POSITION MARKING
 NO SCALE

NOTE: ALL TAXIWAY AND APRON MARKINGS SHALL BE REPLACED WITHIN THE PROJECT WORK LIMITS SHOWN.

MISCELLANEOUS DETAILS -1

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MISCELLANEOUS DETAILS - 1 (DTL1)