

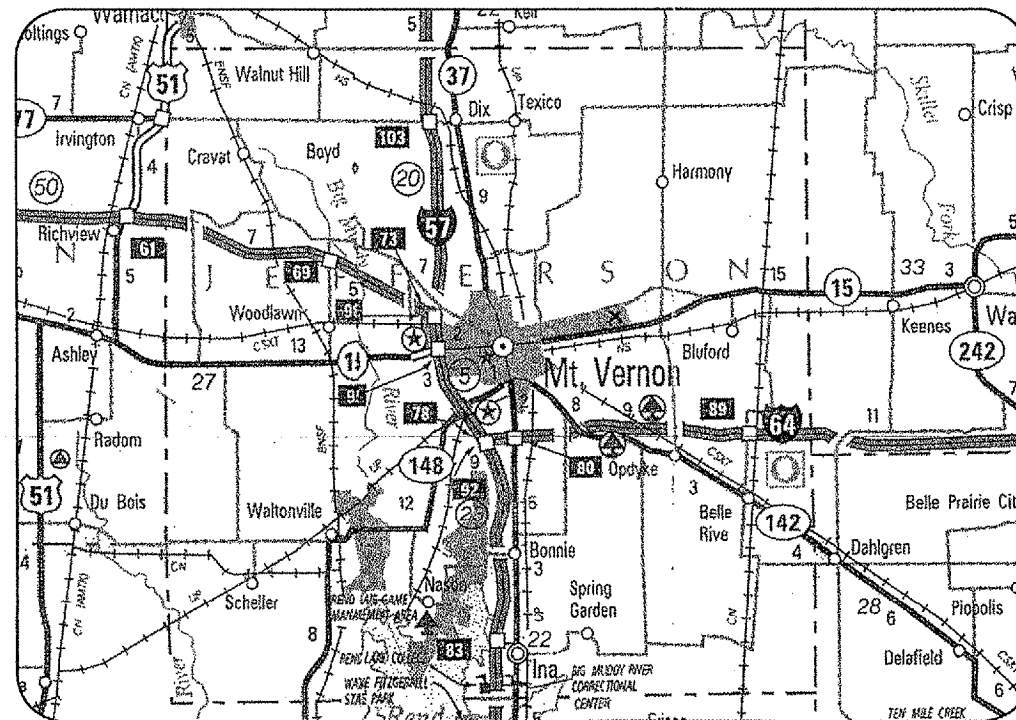
CONSTRUCTION PLANS FOR MT. VERNON AIRPORT

MT. VERNON, JEFFERSON COUNTY, ILLINOIS

POROUS FRICTION COURSE (0.1') OVERLAY OF TAXIWAYS

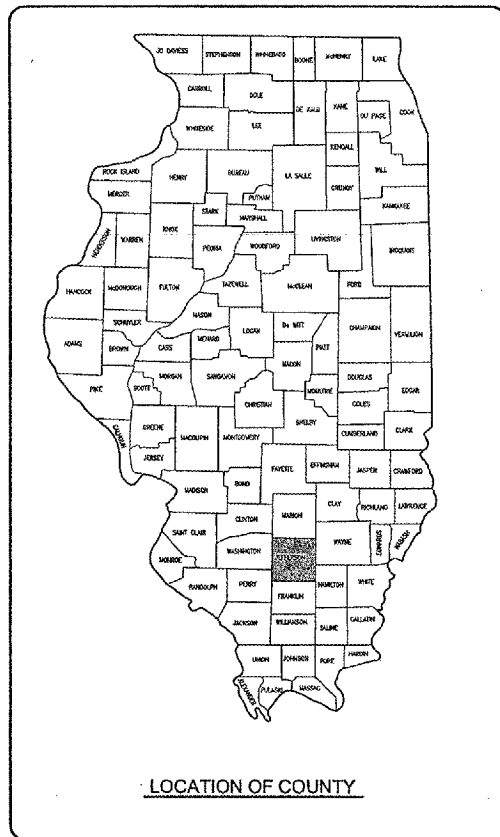
SCOPE OF WORK

PROJECT INCLUDES: APPLICATION OF A POROUS FRICTION COURSE (PFC) OVERLAY (0.1') TO TAXIWAYS A, AND A2, A PORTION OF TAXIWAY B, TAXIWAYS B1, B2, E1, AND E2. ASSOCIATED WORK INCLUDES REMOVAL AND REPLACEMENT OF BITUMINOUS PAVEMENT, BITUMINOUS CRACK REPAIR, CRACK CLEANING AND SEALING, PAVEMENT MARKING, TOPSOILING, SEEDING, AND APPLICATION OF AN EROSION CONTROL BLANKET.

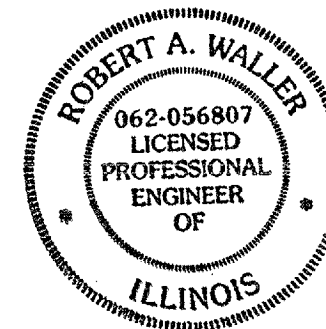


LOCATION

ILL. PROJ.: MVN-3693
 A.I.P. PROJ.: 3-17-0074-B16
 LATITUDE: 38° 19' 24"
 LONGITUDE: 88° 51' 30"
 ELEVATION: 480.0' M.S.L.
 DATE: JUNE 15, 2007



LOCATION OF COUNTY



HANSON
 Hanson Professional Services Inc.
 AIRPORT ENGINEER

Submitted by: *Robert A. Waller* ENG'R
 Date Submitted: 5/15/2007
 Lics. Exp. Date: 11/30/2007

MT. VERNON AIRPORT AUTHORITY

Approved: *Michael J. ...* CHAIRMAN
 Date: MAY 8, 2007
 Approved: *Paul E. ...* SECRETARY
 Date: MAY 8, 2007

DATE	REVISION

MT. VERNON AIRPORT

 MT. VERNON, ILLINOIS

A.I.P. PROJ.: 3-17-0074-B16
 I.L. PROJ.: MVN-3693

REL. Project No. 81907IXD			
Filename: R-001CVR.DWG			
Scale: N/A			
Date: 12/13/06			
LAYOUT	CCC	12/13/06	
DRAWN	CCC	12/13/06	
REVIEWED	RAW	04/12/07	

HANSON

Hanson Professional Services Inc.
 1625 South Sixth Street
 Springfield, Illinois 62705-2886
 Offices Nationwide

PFC (0.1') OVERLAY OF TAXIWAYS

COVER SHEET

APR 26, 2007 3:09 PM RAW
 I:\AIRPORTS\MV\VERNON\81907IXD\AIRPORT\ SHEETS\R-001CVR.DWG - COVER

MV055

DATE	REVISION	BY

SUMMARY OF QUANTITIES - BASE BID

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITIES	AS BUILT QUANTITIES
AR150510	ENGINEER'S FIELD OFFICE	L.S.	1	
AR150530	TRAFFIC MAINTENANCE	L.S.	1	
AR156531	EROSION CONTROL BLANKET	S.Y.	4,356	
AR201660	BITUMINOUS CRACK REPAIR	L.F.	1,601	
AR201661	CLEAN & SEAL BITUMINOUS CRACKS	L.F.	20,000	
AR401655	BUTT JOINT CONSTRUCTION	S.Y.	2,814	
AR401910	REMOVE & REPLACE BIT. PAVEMENT	S.Y.	438	
AR402622	POROUS FRICTION COURSE, 0.10'	S.Y.	47,600	
AR603510	BITUMINOUS TACK COAT	GAL.	14,280	
AR620520	PAVEMENT MARKING-WATERBORNE	S.F.	13,801	
AR620525	PAVEMENT MARKING-BLACK BORDER	S.F.	1,961	
AR901510	SEEDING	ACRE	0.9	
AR905520	TOPSOILING (FROM OFF SITE)	C.Y.	150	

INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	SUMMARY OF QUANTITIES, INDEX TO SHEETS
3	PROPOSED SAFETY PLAN
4	PROPOSED TYPICAL SECTIONS
5	PROPOSED PAVEMENT PREPARATION PLAN - STA. 3+00 TO STA. 19+00
6	PROPOSED PAVEMENT PREPARATION PLAN - STA. 19+00 TO STA. 32+50
7	PROPOSED PAVEMENT PREPARATION PLAN - STA. 32+50 TO STA. 46+50
8	PROPOSED PAVEMENT PREPARATION PLAN - STA. 46+50 TO STA. 60+00
9	PROPOSED PAVEMENT PREPARATION PLAN - STA. 60+00 TO STA. 65+00
10	PROPOSED PAVEMENT CONSTRUCTION PLAN - STA. 3+00 TO STA. 19+00
11	PROPOSED PAVEMENT CONSTRUCTION PLAN - STA. 19+00 TO STA. 32+50
12	PROPOSED PAVEMENT CONSTRUCTION PLAN - STA. 32+50 TO STA. 46+50
13	PROPOSED PAVEMENT CONSTRUCTION PLAN - STA. 46+50 TO STA. 60+00
14	PROPOSED PAVEMENT CONSTRUCTION PLAN - STA. 60+00 TO STA. 65+00
15	PROPOSED PAVEMENT MARKING PLAN - STA. 3+00 TO STA. 19+00
16	PROPOSED PAVEMENT MARKING PLAN - STA. 19+00 TO STA. 32+50
17	PROPOSED PAVEMENT MARKING PLAN - STA. 32+50 TO STA. 46+50
18	PROPOSED PAVEMENT MARKING PLAN - STA. 46+50 TO STA. 60+00
19	PROPOSED PAVEMENT MARKING PLAN - STA. 60+00 TO STA. 65+00

MT. VERNON AIRPORT

 MT. VERNON, ILLINOIS
 ILL. PROJ.: MW-3693 A.I.P. PROJ.: 3-17-0074-B16

HEI Project No.	81907TX1D	LAYOUT	CCC	03/16/07
File Name	R-002FLP.DWG	DRAWN	CCC	03/16/07
Scale	N/A	REVIEWED	RAW	04/12/07
Date	04/12/07			



PFC (0.1') OVERLAY OF TAXIWAYS
 SUMMARY OF QUANTITIES, INDEX TO SHEETS

MAY 01, 2007 4:11 PM RAW I:\AIRPORTS\MVERNON\81907TX1D\AIRPORT\SHEETS\R-002FLP.DWG - FLAP

SCOPE OF WORK

PROJECT CONSISTS OF APPLYING A POROUS FRICTION COURSE OVERLAY (0.10") TO TAXIWAYS A AND A2, A PORTION OF TAXIWAY B, TAXIWAYS B1, B2, E1, AND E2. ASSOCIATED WORK INCLUDES REMOVAL AND REPLACEMENT OF BITUMINOUS PAVEMENT, BITUMINOUS CRACK REPAIR, CRACK CLEANING AND SEALING, PAVEMENT MARKING, TOPSOILING, SEEDING, APPLICATION OF AN EROSION CONTROL BLANKET.

AIRPORT SECURITY NOTE

AIRPORT SECURITY WILL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR WILL CLOSE AND LOCK THE EXISTING GATE IN THE HAUL ROUTE AT THE END OF EACH WORKING DAY.

HEIGHT OF CONSTRUCTION EQUIPMENT

THE MAXIMUM ANTICIPATED HEIGHT OF THE CONSTRUCTION EQUIPMENT WILL BE 25 FEET. THE TALLEST EQUIPMENT IS EXPECTED TO BE A SEMI-TRAILER TRUCK.

HAUL ROUTE AND VEHICLE PARKING

THE CONTRACTOR WILL USE THE EXISTING DESIGNATED PAVED/TURF HAUL ROUTE AND PARKING AREA AS SHOWN ON THIS SHEET. THE PROPOSED PARKING AREA WILL BE 150' X 200'. THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN THE PROPOSED HAUL ROUTE AND PARKING AREA THROUGHOUT THE COURSE OF THE PROJECT. ANY AREAS DAMAGED OUTSIDE OF THESE AREAS WILL BE REPAIRED BY THE CONTRACTOR AND AT THE CONTRACTOR'S OWN EXPENSE. AT THE CONCLUSION OF THE PROJECT THE CONTRACTOR WILL GRADE, FERTILIZE, SEED AND MULCH ALL TURF AREAS DISTURBED OUTSIDE OF THE CONSTRUCTION LIMITS, INCLUDING AREAS WITHIN THE HAUL ROUTE OR EQUIPMENT PARKING AREA, TO RESTORE THEM TO THEIR ORIGINAL STATE IN ACCORDANCE TO ITEMS 901 AND 908, RESPECTIVELY. EXISTING PAVEMENTS WITHIN THE LIMITS OF THE HAUL ROUTE AND EQUIPMENT PARKING AREA SHALL ALSO BE REPAIRED TO THEIR ORIGINAL STATE. THE COST OF ALL REPAIRS, MAINTENANCE, AND RESTORATION OF THE HAUL ROUTE AND PARKING AREA WILL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. SEE ITEM AR150540 - HAUL ROUTE IN THE SPECIAL PROVISIONS FOR ADDITIONAL CLARIFICATION.

CONTRACTOR RESPONSIBILITIES

THE CONTRACTOR'S EQUIPMENT PARKING AND STORAGE AREA WILL BE AS SHOWN ON THIS SHEET. THE CONTRACTOR'S EMPLOYEES WILL PARK THEIR VEHICLES IN THIS AREA. ONLY CONTRACTOR VEHICLES WILL BE ALLOWED OUTSIDE THIS AREA.

THE CONTRACTOR AND HIS EMPLOYEES WILL BE RESTRICTED TO THE WORK AREA AND ALL OTHER AREAS OF THE AIRPORT ARE "OFF LIMITS" TO THEM.

THE CONTRACTOR WILL BE REQUIRED TO LIMIT THE USE OF CONSTRUCTION EQUIPMENT ON ANY EXISTING PAVEMENTS. ONLY THAT EQUIPMENT NEEDED TO COMPLETE THE SPECIFIC WORK ON EXISTING PAVEMENTS WILL BE ALLOWED. NO EXCESSIVE TRAFFIC ACROSS THESE PAVEMENTS WILL BE PERMITTED. ANY DAMAGE TO THE EXISTING PAVEMENTS WILL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL COST TO THE CONTRACT.

THE CONTRACTOR SHALL KEEP RUNWAY 5-23 OPEN AT ALL TIMES OTHER THAN WHEN WORKING WITHIN 200' OF THE RUNWAY 5-23 CENTERLINE AND MAINTAIN CONTINUOUS TAXIWAY ACCESS TO THE AIRCRAFT RAMP.

ALL WORK PERFORMED SHALL BE DONE IN A ORDERLY AND EFFECTIVE MANNER TO MINIMIZE ANY RUNWAY OR TAXIWAY CLOSURE.

150-ENGINEER'S FIELD OFFICE NOTES

THE PROPOSED ENGINEER'S FIELD OFFICE WILL BE FURNISHED, MAINTAINED, AND REMOVED IN ACCORDANCE WITH ITEM AR150510 "ENGINEER'S FIELD OFFICE" AS STATED ON PAGE 168 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THE LOCATION OF THE PROPOSED ENGINEER'S FIELD OFFICE WILL BE DETERMINED AT THE PRE-CONSTRUCTION MEETING.

THE ENGINEERING FIRM WILL MAKE PAYMENT FOR ALL LONG DISTANCE TELEPHONE CALLS IN EXCESS OF ONE HUNDRED DOLLARS (\$100.00) PER MONTH.

THE PROPOSED ENGINEER'S FIELD OFFICE WILL BE PAID FOR UNDER ITEMS: AR150510 ENGINEER'S FIELD OFFICE ____ 1 L.S.

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.

FLAG PERSONS

WHENEVER THE NE-SW (5-23) RUNWAY IS OPEN AND THE CONTRACTOR IS CONDUCTING CONTINUOUS HAULING OPERATIONS ON TAXIWAY B, AND TAXIWAYS E1 AND E2 ARE CLOSED, THE CONTRACTOR WILL FURNISH A FLAG PERSON TO CONTROL THE VEHICLES CROSSING THE INTERSECTION OF TAXIWAY B AND TAXIWAY E, TO PERMIT CONTINUOUS ACCESS TO THE AIRCRAFT RAMP. ALL VEHICLES MUST COME TO A COMPLETE HALT PRIOR TO BEING DIRECTED ACROSS THE INTERSECTION BY THE FLAG PERSONNEL. A SECOND FLAGGER WILL ALSO BE REQUIRED AT THE INTERSECTION OF TAXIWAY A AND THE MAINTENANCE RAMP WHEN RUNWAY 15-33 AND/OR TAXIWAY A IS OPEN DURING ACTIVE HAULING OPERATIONS, TO ALLOW AIRCRAFT TO TAXI TO AND FROM RUNWAY END 5, AND CONTROL CONSTRUCTION TRAFFIC CROSSING ACTIVE RUNWAY 15-33.

THE FLAG PERSONS WILL BE EQUIPPED WITH TWO-WAY RADIOS (CHANNEL 123.0 MHz.) FOR MONITORING THE AIRPORT RADIO FREQUENCY. THEY SHALL ALSO HAVE A STOP AND GO SIGN. EACH FLAG PERSONNEL SHALL BE LOCATED AS SHOWN ON THIS SHEET.

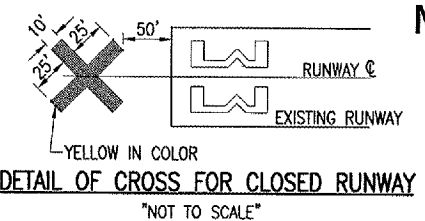
BENCHMARK DATA		
NO.	DESCRIPTION	ELEVATION
1	BRASS DISC IN THE CENTER OF THE SIDEWALK ON THE NORTH SIDE OF TERMINAL BUILDING	463.65
2	BRASS DISC 100.4' SE OF RUNWAY END 5 CORNER, 29.4' SW OF SW EDGE OF TAXIWAY	463.57
3	BRASS DISC 82' E. OF THE N-S PAVED ROAD CL, 3' S. OF HOUSE DRIVEWAY CL	456.42

EROSION CONTROL

THIS PROJECT WILL DISTURB LESS THAN 1 ACRE OF LAND, THEREFORE NO N.P.D.E.S. PERMIT WILL BE REQUIRED.

LEGEND

- EXISTING IMPROVEMENTS
- PROPOSED IMPROVEMENTS
- EXISTING BUILDINGS
- PROPOSED HAUL ROUTE AND EQUIPMENT PARKING AREA
- PROPOSED BENCHMARK
- PROPOSED BARRICADES OR TRAFFIC CONES
- PROPOSED FLAGGER



NOTE:

COST OF CONSTRUCTING, PLACING, MAINTAINING AND REMOVING CROSSES WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. THE CROSSES WILL BE YELLOW IN COLOR AND SHALL BE MADE OF A SUITABLE MATERIAL AS APPROVED BY THE AIRPORT MANAGER. THE CROSSES WILL BE PLACED OVER THE NUMERALS AND SECURED IN A MANNER APPROVED BY THE MANAGER. THE PROPOSED CROSSES WILL BE PLACED EACH DAY THE RUNWAY IS CLOSED AND REMOVED WHEN THE RUNWAY IS RE-OPENED. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PLACEMENT AND REMOVAL OF THE CROSSES. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

J.U.L.I.E. INFORMATION

COUNTY: JEFFERSON
 CITY: MT. VERNON
 TOWNSHIP: MT. VERNON
 SECTION NO.: 22, 23, 26 & 27
 ADDRESS: MT. VERNON AIRPORT AUTHORITY
 R.R. #4
 MT. VERNON, ILLINOIS 62864

PROPOSED SAFETY PLAN

GENERAL - THE MT. VERNON AIRPORT IS COMPRISED OF TWO RUNWAYS. THE PROPOSED CONSTRUCTION WILL NECESSITATE CLOSING BOTH RUNWAYS AT VARIOUS TIMES. ANY TIME THE CONTRACTOR IS WORKING WITHIN 200' OF THE RUNWAY CENTERLINE OR 100' OF A TAXIWAY CENTERLINE, THE RUNWAY OR TAXIWAY WILL BE CLOSED. THE CONTRACTOR SHALL MINIMIZE THE AMOUNT OF TIME ANY RUNWAY IS CLOSED, AND ONE MUST REMAIN OPEN AT ALL TIMES THROUGH STAGED CONSTRUCTION AND FLAG PERSONNEL STATIONED AS SHOWN. CLOSURE OF EITHER RUNWAY WILL BE ONLY DURING THE CONSTRUCTION DAY. THE CLOSURE OF EACH TAXIWAY ADJACENT TO THE WORK AREA WILL BE NECESSARY AT SOME TIME THROUGHOUT THE PROJECT. THE CONTRACTOR SHALL STAGE THE CONSTRUCTION IN SUCH A MANNER TO ALLOW CONTINUAL ACCESS TO THE AIRCRAFT RAMP. TAXIWAYS WILL BE ALLOWED TO REMAIN CLOSED OVERNIGHT, BUT LENGTHS OF CLOSURE SHALL BE MINIMIZED. ALL WORK INCLUDED IN OPENING AND CLOSING A RUNWAY OR TAXIWAY, INCLUDING BARRICADES, LABOR, OTHER NECESSARY ITEMS SHALL BE INCIDENTAL TO ITEM AR150540 - TRAFFIC MAINTENANCE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

IDENTIFICATION - WHEN THE CONTRACTORS VEHICLES AND EQUIPMENT ARE ON THE AIRPORT THEY SHALL BE PROPERLY MARKED WITH THREE (3') FOOT SQUARE CHECKERED FLAGS (INTERNATIONAL ORANGE AND WHITE). THE CONTRACTOR WILL ALSO PROVIDE WORKERS WITH SOME TYPE OF TAG OR GARMET TO IDENTIFY THE PERSON AS BEING PART OF THE CONSTRUCTION CREW.

RADIO CONTROL - THE CONTRACTOR WILL BE REQUIRED TO BE IN TWO-WAY RADIO CONTACT (123.00 MHz.) WITH THE AIRPORT UNICOM. THIS WILL KEEP THE CONTRACTOR IN CONSTANT CONTACT WITH THE MT. VERNON AIRPORT AND ENABLE THE AIRPORT TO IMMEDIATELY CONTACT THE CONTRACTOR IN CASE OF AN AERONAUTIC EMERGENCY THAT WOULD REQUIRE ACTION BY THE CONTRACTOR AND/OR HIS PERSONNEL.

AIRCRAFT OPERATION LINE

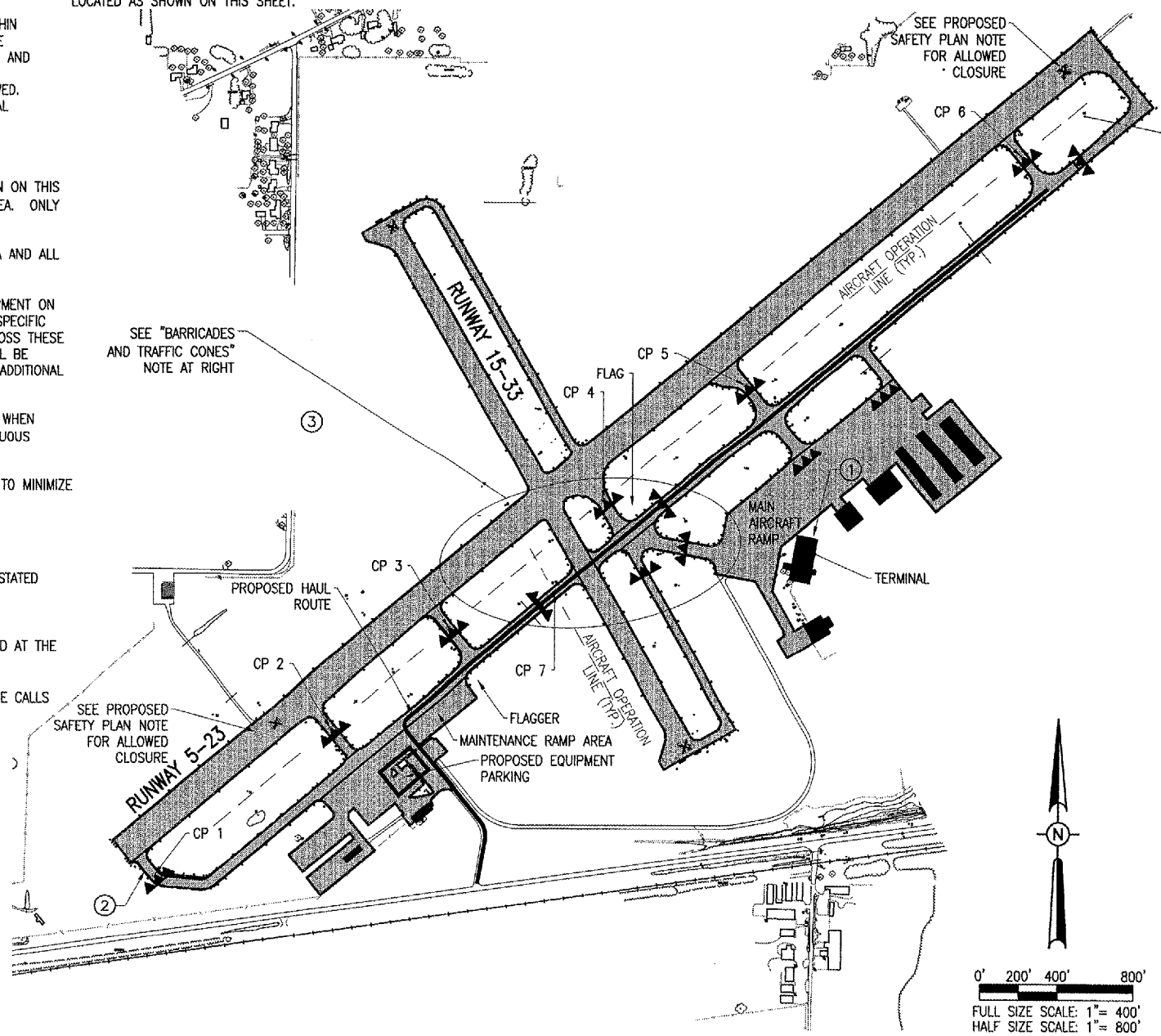
THE CONTRACTOR WILL LOCATE THIS LINE 200' PARALLEL FROM EACH RUNWAY CENTERLINE WITHIN THE PROJECT AREA AT THE START OF CONSTRUCTION AND WILL PLACE FLAGGED LATHE EVERY 150' ALONG IT. THIS LINE WILL REPRESENT THE LIMITS THAT ALL CONTRACTOR PERSONNEL MAY VENTURE WHEN A RUNWAY IS NOT CLOSED. THE CONTRACTOR WILL MAINTAIN THE LATHE LINE FOR RUNWAYS 5-23 AND 15-33 FOR THE DURATION OF THE PROJECT.

BARRICADES AND TRAFFIC CONES

IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE AND MAINTAIN BARRICADES AND TRAFFIC CONES AS DIRECTED BY THE AIRPORT DIRECTOR. THE BARRICADES WILL BE EQUIPPED WITH RED FLASHING OR STEADY BURN LIGHTS AND 20" SQUARE ORANGE FLAGS. THE BARRICADES, THEIR MAINTENANCE, PLACEMENT AND REMOVAL WILL BE PAID FOR UNDER ITEM AR150540 - TRAFFIC MAINTENANCE, PER L.S., AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. BARRICADES ARE DEPICTED FOR EACH POINT OF ANTICIPATED CLOSURE DUE TO THE CONSTRUCTION STAGING. THE NUMBER OF BARRICADES REQUIRED WILL VARY BY THE LOCATION OF THE WORK AND THE DEPICTION IS NOT INTENDED TO SUGGEST BARRICADES WILL BE LOCATED AT THE POINTS SHOWN THROUGHOUT THE PROJECT.

UTILITY NOTE

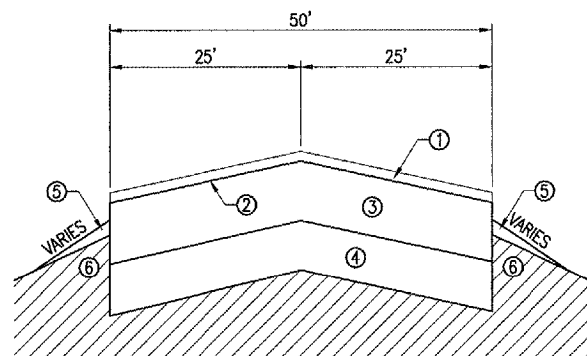
THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES AND AGENCIES WHICH HAVE LINES OR CONDUITS IN THE PROPOSED WORK AREA. ALL LINES AND CONDUITS SHALL BE LOCATED AND IDENTIFIED FOR DEPTH BEFORE ANY EXCAVATION BEGINS. THE CONTRACTOR WILL CALL J.U.L.I.E. (1-800-892-0123) TO ACCOMPLISH THE ABOVE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY ALL UNDERGROUND NON-JULIE UTILITIES LOCATED WITHIN THE PROPOSED CONSTRUCTION LIMITS. THESE UNDERGROUND IMPROVEMENTS WILL BE LOCATED AT THE CONTRACTOR'S OWN EXPENSE PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.



CRITICAL POINT DATA			
NO.	LATITUDE	LONGITUDE	ELEVATION
CP 1	38° 19' 02.93"	88° 51' 58.23"	±465'
CP 2	38° 19' 10.36"	88° 51' 46.95"	±467'
CP 3	38° 19' 15.34"	88° 51' 39.41"	±466'
CP 4	38° 19' 21.87"	88° 51' 29.50"	±465'
CP 5	38° 19' 27.83"	88° 51' 20.47"	±465'
CP 6	38° 19' 39.48"	88° 51' 02.80"	±468'
CP 7	38° 19' 17.15"	88° 51' 32.56"	±466'

MAY 15, 2007 3:05 PM RAW \\AIRPORTS\MTVERNON\81907X\YD\AIRPORT\PROJECTS\R-0035FY.DWG - SAFETY PLAN

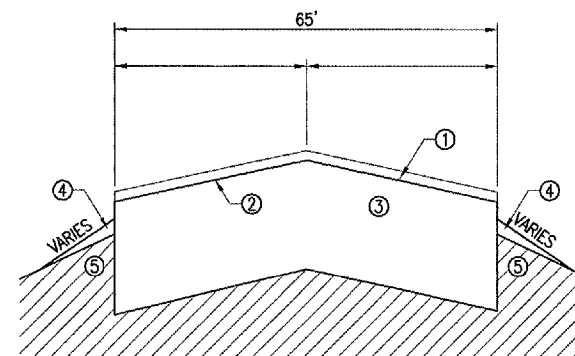
BY	
REVISION	
DATE	
MT. VERNON, ILLINOIS	
A.I.P. PROJ.: 3-17-0074-B16 I.L. PROJ.: MW-3693	
I.E. Project No.: 81907X\YD Client: R-0035FY.DWG Scale: 1" = 400' Date: 03/16/07	LAYOUT: CCC 03/16/07 DRAWN: CCC 03/16/07 REVIEWED: RAW 04/12/07
Hanson Professional Services Inc. 1525 South Sixth Street Springfield, Illinois 62703-2886 Offices Nationwide	
PFC (0.1") OVERLAY OF TAXIWAYS	PROPOSED SAFETY PLAN
3	
3 of 19 sheets	



TYPICAL SECTION A-A
"NOT TO SCALE"

LEGEND FOR TYPICAL SECTION A-A

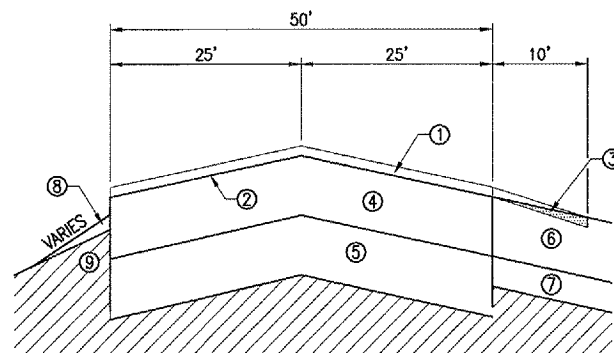
- ① PROPOSED POROUS FRICTION COURSE (0.10' DEPTH)
- ② PROPOSED BITUMINOUS TACK COAT (0.3 GAL./S.Y.)
- ③ EXISTING BITUMINOUS SURFACE COURSE (10" DEPTH)
- ④ EXISTING AGGREGATE BASE COURSE (10" DEPTH)
- ⑤ PROPOSED SHOULDER ADJUSTMENT
- ⑥ EXISTING EARTH SUBGRADE



TYPICAL SECTION D-D
"NOT TO SCALE"

LEGEND FOR TYPICAL SECTION D-D

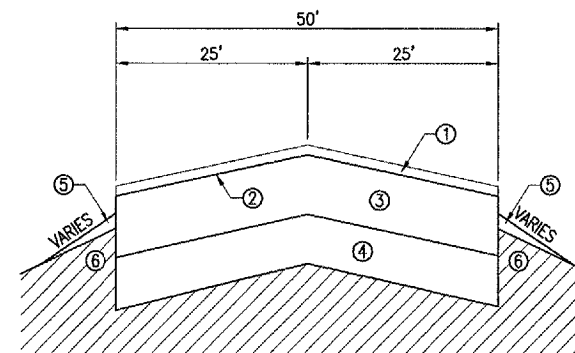
- ① PROPOSED POROUS FRICTION COURSE (0.10' DEPTH)
- ② PROPOSED BITUMINOUS TACK COAT (0.3 GAL./S.Y.)
- ③ EXISTING BITUMINOUS SURFACE COURSE (26" DEPTH)
- ④ PROPOSED SHOULDER ADJUSTMENT
- ⑤ EXISTING EARTH SUBGRADE



TYPICAL SECTION B-B
"NOT TO SCALE"

LEGEND FOR TYPICAL SECTION B-B

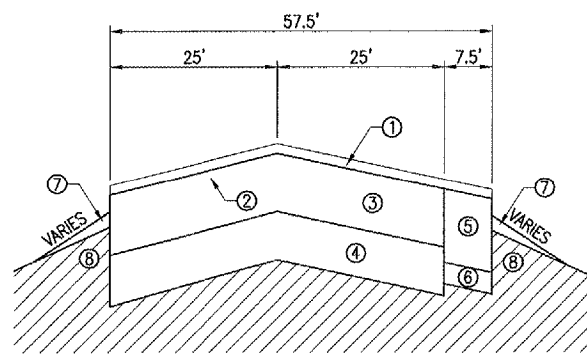
- ① PROPOSED POROUS FRICTION COURSE (0.10' DEPTH)
- ② PROPOSED BITUMINOUS TACK COAT (0.3 GAL./S.Y.)
- ③ PROPOSED MILLING FOR BUTT JOINT CONSTRUCTION
- ④ EXISTING BITUMINOUS SURFACE COURSE (10" DEPTH)
- ⑤ EXISTING AGGREGATE BASE COURSE (10" DEPTH)
- ⑥ EXISTING BITUMINOUS SURFACE COURSE (5" DEPTH)
- ⑦ EXISTING AGGREGATE BASE COURSE (10" DEPTH)
- ⑧ PROPOSED SHOULDER ADJUSTMENT
- ⑧ EXISTING EARTH SUBGRADE



TYPICAL SECTION E-E
"NOT TO SCALE"

LEGEND FOR TYPICAL SECTION E-E

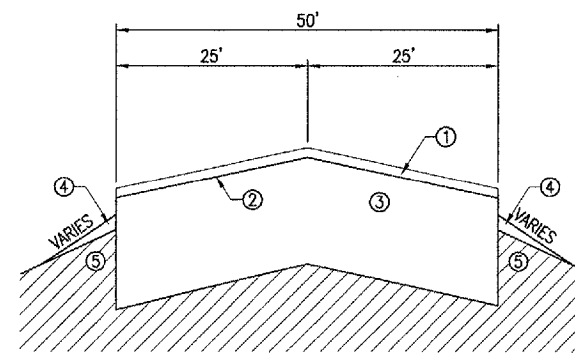
- ① PROPOSED POROUS FRICTION COURSE (0.10' DEPTH)
- ② PROPOSED BITUMINOUS TACK COAT (0.3 GAL./S.Y.)
- ③ EXISTING BITUMINOUS SURFACE COURSE (13" DEPTH)
- ④ EXISTING AGGREGATE BASE COURSE (10" DEPTH)
- ⑤ PROPOSED SHOULDER ADJUSTMENT
- ⑤ EXISTING EARTH SUBGRADE



TYPICAL SECTION C-C
"NOT TO SCALE"

LEGEND FOR TYPICAL SECTION C-C

- ① PROPOSED POROUS FRICTION COURSE (0.10' DEPTH)
- ② PROPOSED BITUMINOUS TACK COAT (0.3 GAL./S.Y.)
- ③ EXISTING BITUMINOUS SURFACE COURSE (13" DEPTH)
- ④ EXISTING AGGREGATE BASE COURSE (10" DEPTH)
- ⑤ EXISTING BITUMINOUS SURFACE COURSE (16" DEPTH)
- ⑥ EXISTING AGGREGATE BASE COURSE (4" DEPTH)
- ⑦ PROPOSED SHOULDER ADJUSTMENT
- ⑧ EXISTING EARTH SUBGRADE



TYPICAL SECTION F-F
"NOT TO SCALE"

LEGEND FOR TYPICAL SECTION F-F

- ① PROPOSED POROUS FRICTION COURSE (0.10' DEPTH)
- ② PROPOSED BITUMINOUS TACK COAT (0.3 GAL./S.Y.)
- ③ EXISTING BITUMINOUS SURFACE COURSE (11" DEPTH)
- ④ PROPOSED SHOULDER ADJUSTMENT
- ⑤ EXISTING EARTH SUBGRADE

MAY 01, 2007 4:11 PM RAW
I:\AIRPORTS\MVERNON\81907XYD\AIRPORT_SHEETS\R-521TYP.DWG - TYPICALS

DATE	REVISION	BY

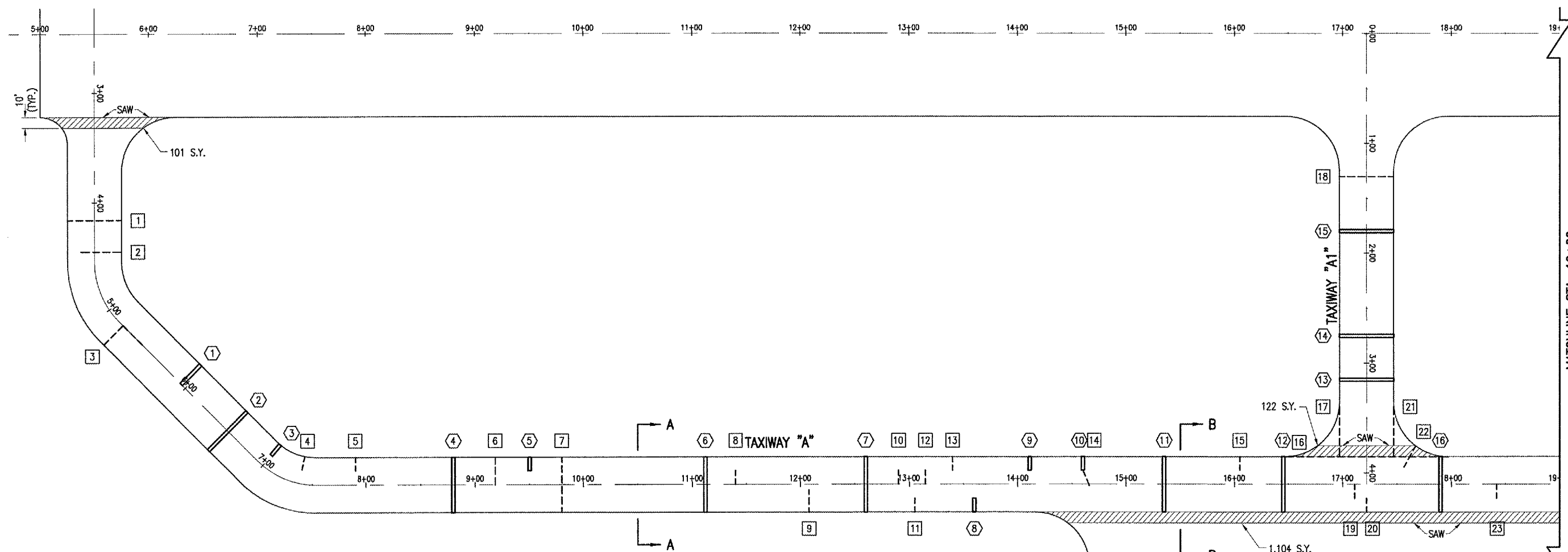
MT. VERNON AIRPORT

 MT. VERNON, ILLINOIS
 A.I.P. PROJ.: 3-17-0074-816
 I.L. PROJ.: MW-3683

HEL Project No. 81907XYD	RAW	04/11/07
File Name: R-521TYP.DWG	CCC	04/12/07
Scale: N/A	RAW	04/12/07
Date: 04/12/07		

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

PFC (0.1') OVERLAY
 OF TAXIWAYS
 PROPOSED
 TYPICAL SECTIONS



REMOVE AND REPLACE BITUMINOUS PAVEMENT

THE ITEM "REMOVE AND REPLACE BITUMINOUS PAVEMENT" WILL BE UTILIZED TO PERFORM LARGE CRACK REPAIR.

THE QUANTITY OF CRACKS TO BE REPAIRED WAS ESTABLISHED BY THE COMPLETION OF A CRACK SURVEY (FEB. 2007), AND CONSISTS OF THOSE CRACKS FOUND TO BE GREATER THAN ONE INCH IN WIDTH AT THE TIME OF THE SURVEY, AND EXHIBITING ROLLED EDGES. ALL CRACKS TO RECEIVE REPAIR SHALL BE LOCATED AND MARKED BY THE RESIDENT ENGINEER.

THE CRACKS SHALL BE REMOVED FROM THE PAVEMENT BY ONE OF TWO METHODS, OR A COMBINATION OF THE TWO. THE FIRST ALTERNATIVE IS TO SAWCUT THE WIDTH OF THE AREA TO BE REPAIRED BY USING A WHEEL SAW AND REMOVE THE PAVEMENT TO THE SPECIFIED DEPTH USING A BACKHOE OR OTHER MECHANICAL MEANS. THE SECOND ALTERNATIVE IS TO USE A SKID STEER (OR EQUIVALENT) MOUNTED MILLING HEAD TO REMOVE THE PAVEMENT TO THE REQUIRED DEPTH. REGARDLESS OF THE METHOD USED TO REMOVE THE PAVEMENT, THE EDGE OF THE TRENCH FORMED WILL HAVE A VERTICAL FACE PRIOR TO THE PLACEMENT OF THE BITUMINOUS MATERIAL. THE WIDTH OF REPAIR WILL BE 3' WIDE, CENTERED ON THE CRACK. THE DEPTH OF REPAIR WILL BE THE FULL DEPTH OF THE EXISTING PAVEMENT, 10-13 INCHES ±.

THE CONTRACTOR WILL DISPOSE OF THE EXCAVATED MATERIAL OFF THE AIRPORT SITE AT NO ADDITIONAL COST TO THE CONTRACT.

THE BOTTOM OF THE TRENCH WILL BE CLEANED AND COMPACTED TO PREVENT FUTURE SETTLEMENT, AND ACCEPTED BY THE RESIDENT ENGINEER. ONCE THE TRENCH IS CLEANED, THE BASE AGGREGATE COMPACTED, AND ACCEPTED, AN APPLICATION OF BITUMINOUS TACK MATERIAL WILL BE APPLIED TO THE VERTICAL BITUMINOUS FACE AND THE AGGREGATE BASE. THE REPAIR TRENCH WILL BE BACKFILLED WITH BITUMINOUS SURFACE COURSE MATERIAL (401) IN LIFTS OF NO GREATER THAN 3 INCHES IN DEPTH (COMPACTED). THE FINAL LIFT SHALL BE FLUSH WITH THE SURFACE OF THE EXISTING BITUMINOUS PAVEMENT OR THE CONTRACTOR WILL BE REQUIRED TO MILL THE FINAL LIFT FLUSH AT HIS EXPENSE. EACH LIFT SHALL BE COMPACTED AND ACCEPTED BY THE RESIDENT ENGINEER.

REMOVE AND REPLACE BITUMINOUS PAVEMENT CONT.

ANY DAMAGE TO THE EXISTING ADJACENT PAVEMENT WILL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE. THE QUANTITY OF PAVEMENT REMOVAL, MILLING AND/OR SAWCUTS, IF UTILIZED, TACK MATERIAL, AND BITUMINOUS SURFACE COURSE MATERIAL (401) NECESSARY TO COMPLETE THIS TASK WILL BE CONSIDERED INCIDENTAL TO THE TASK, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE QUANTITY OF BITUMINOUS CRACK REPAIR TO BE PAID FOR SHALL BE THE NUMBER OF SQUARE YARDS OF PAVEMENT REMOVED AND REPLACED, IN ACCORDANCE WITH THE SPECIAL PROVISIONS, CONSTRUCTION DRAWINGS, AND ACCEPTED BY THE ENGINEER. MEASUREMENT OF BITUMINOUS CRACK REPAIR FOR PAYMENT SHALL BE TO THE NEAREST SQUARE YARD.

PAYMENT FOR THIS ITEM OF WORK WILL BE UNDER ITEM:
AR401910 "REMOVE AND REPLACE BITUMINOUS PAVEMENT" - PER S.Y.

CLEANING AND SEALING BITUMINOUS CRACKS

FOLLOWING A VISUAL SURVEY OF THE EXISTING RUNWAY SURFACE (FEB. 2007), A PROPOSED PLAN QUANTITY OF 20,000 LINEAR FEET OF CRACK CLEANING AND SEALING WAS ESTABLISHED. THE EXACT AMOUNT OF CRACKS TO BE CLEANED AND SEALED WILL BE THE NUMBER OF LINEAR FEET OF CRACKS MARKED BY THE RESIDENT ENGINEER.

ALL CRACKS DESIGNATED BY THE RESIDENT ENGINEER FOR CLEANING AND SEALING WILL BE DONE SO AS DESCRIBED IN THE RECURRING SPECIAL PROVISIONS, DATED JULY 1, 2004.

THIS ITEM OF WORK WILL BE PAID FOR AT THE CONTRACT PRICE PER LINEAR FOOT OF CLEANING AND SEALING CRACKS, COMPLETE; WHICH PRICE AND PAYMENT SHALL CONSTITUTE FULL COMPENSATION FOR ALL ROUTING, CLEANING, PREPARATION AND DISPOSAL OF ALL LOOSE MATERIALS; AND FOR ALL MATERIALS, LABOR, EQUIPMENT, TOOLS AND INCIDENTALS NECESSARY TO COMPLETE THIS ITEM.

PAYMENT FOR THIS ITEM OF WORK WILL BE UNDER ITEM:
AR201661 "CLEAN & SEAL BITUMINOUS CRACKS" - PER LINEAR FOOT.

BUTT JOINT CONSTRUCTION NOTES

THE PAVEMENT AREAS DESIGNATED AS [Hatched Box] ON THESE DRAWINGS SHALL BE CUT OR MILLED TO ACCOMMODATE THE PROPOSED POROUS FRICTION COURSE OVERLAY. THIS ITEM WILL BE COMPLETED AS DETAILED IN THE SPECIAL PROVISIONS.

THE EXISTING PAVEMENT WILL BE SAWED AT THE LOCATIONS SHOWN ON THESE PLANS. THE SAWING WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO "BUTT JOINT CONSTRUCTION" AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ALL MILLED MATERIAL WILL BE DISPOSED OF BY THE CONTRACTOR, OFF THE AIRPORT SITE, UNLESS OTHERWISE DIRECTED BY THE AIRPORT DIRECTOR AT THE TIME OF CONSTRUCTION.

ANY ADJACENT PAVEMENT OR EQUIPMENT THAT IS DAMAGED BY THE MILLING OPERATIONS WILL BE REPAIRED AT THE CONTRACTOR'S OWN EXPENSE, TO THE SATISFACTION OF THE ENGINEER.

PRIOR TO THE APPLICATION OF THE PFC OVERLAY, ALL MILLED AREAS WILL BE BROOMED AND BLOWN CLEAN OF LOOSE MATERIALS AND DEBRIS. A BITUMINOUS TACK COAT WILL BE APPLIED ACCORDING TO THE SUPPLEMENTAL SPECIFICATIONS FOR ITEM 603 DATED JULY 1, 2004 AT A RATE OF 0.30 GAL/SY. THE VERTICAL FACE OF ALL SAW CUTS WILL BE PAINTED WITH A LIQUID ASPHALT.

THE EXISTING PAVEMENT WILL BE MILLED TO A DEPTH OF 0.10' AT THE BUTT JOINT.

PAYMENT FOR THIS ITEM OF WORK WILL BE UNDER ITEM:
AR401655 "BUTT JOINT CONSTRUCTION" - PER S.Y.

QUANTITIES - PAVEMENT PREPARATION

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	AS BUILT QUANTITY
AR201660	BITUMINOUS CRACK REPAIR	L.F.	1,601	
AR201661	CLEAN & SEAL BITUMINOUS CRACKS	L.F.	20,000	
AR401655	BUTT JOINT CONSTRUCTION	S.Y.	2,814	
AR401910	REMOVE AND REPLACE BITUMINOUS PAVEMENT	S.Y.	438	

LEGEND

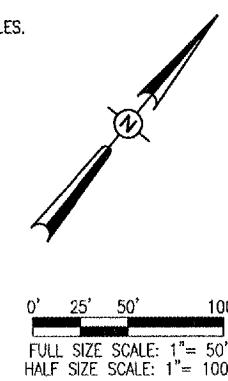
- [Solid Box] EXISTING PAVEMENT
- [Hatched Box] PROPOSED BUTT JOINT CONSTRUCTION
- [Dashed Box] PROPOSED REMOVE & REPLACE BITUMINOUS PAVEMENT
- [Dotted Box] PROPOSED BITUMINOUS CRACK REPAIR BITUMINOUS PAVEMENT

NOTE: SEE SHEET 6 FOR PAVEMENT REHABILITATION QUANTITY TABLES.

SHOULDER PREPARATION NOTES

PRIOR TO THE PAVING OPERATIONS THE EXISTING SOD ADJACENT TO THE EDGE OF PAVEMENT WITHIN THE PROJECT AREA SHALL BE GRADED AWAY FROM THE PAVEMENT A DISTANCE SUITABLE TO PREVENT THE SOD MATERIAL FROM AFFECTING THE PLACEMENT OF THE POROUS FRICTION COURSE. THE AMOUNT OF SOD DETERMINED TO REQUIRE REMOVAL SHALL BE SPRAYED WITH A HERBICIDE CAPABLE OF KILLING THE VEGETATION WITHIN THE WIDTH REMOVED. CARE SHALL BE TAKEN TO ENSURE THE HERBICIDE IS NOT APPLIED TO VEGETATION OUTSIDE OF THE GRADING AND SEEDING LIMITS. ANY DAMAGE TO VEGETATION OUTSIDE OF THE GRADING AND SEEDING LIMITS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS EXPENSE.

THE SOD REMOVAL AND HERBICIDE APPLICATION WILL BE CONSIDERED INCIDENTAL TO ITEM AR402622 "POROUS FRICTION COURSE" AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



BY: _____

REVISION: _____

DATE: _____

MT. VERNON AIRPORT

 MT. VERNON, ILLINOIS
 A.I.P. PROJ.: 3-17-0074-816

Project No. 819071XID
 File Name R-111PRP.DWG
 Scale 1" = 50'
 Date 04/12/07

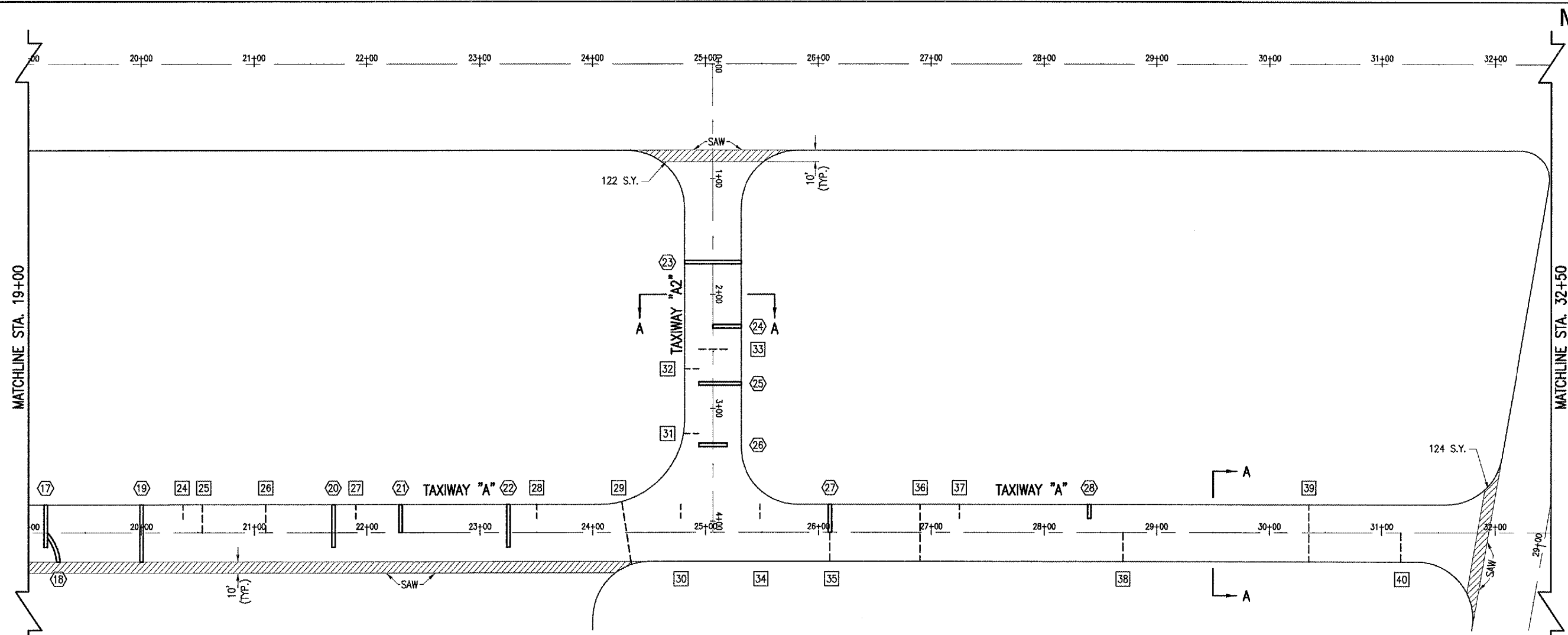
LAYOUT	CCC	03/16/07
DRAWN	CCC	03/16/07
REVIEWED	RAW	04/12/07

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 Springfield, Illinois 62703-2886
 Offices Nationwide

PFC (0.1') OVERLAY OF TAXIWAYS
 PROPOSED PAVEMENT PREPARATION PLAN
 STA. 3+00 TO STA. 19+00

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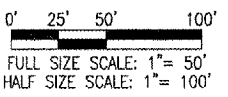


QUANTITIES - BITUMINOUS CRACK REPAIR

LOCATION	QUANTITY	AS BUILT QUANTITY	LOCATION	QUANTITY	AS BUILT QUANTITY	LOCATION	QUANTITY	AS BUILT QUANTITY
1	50.0		21	45.5		41	60.0	
2	37.5		22	22.0		42	57.5	
3	50.0		23	12.5		43	25.0	
4	12.5		24	12.5		44	41.0	
5	12.5		25	25.0		45	25.0	
6	25.0		26	25.0		46	25.0	
7	50.0		27	12.5		47	30.0	
8	12.5		28	12.5		48	50.0	
9	20.0		29	56.0		49	12.5	
10	12.5		30	12.5		50	12.5	
11	12.5		31	12.5		51	25.0	
12	12.5		32	12.5		52	12.5	
13	12.5		33	25.0		53	12.5	
14	15.0		34	12.5		54	12.5	
15	12.5		35	25.0		55	50.0	
16	150.0		36	50.0		56	25.0	
17	45.5		37	12.5		57	21.0	
18	50.0		38	25.0				
19	12.5		39	50.0				
20	12.5		40	25.0				
TOTAL (L.F.)			1,601					

QUANTITIES - REMOVE AND REPLACE BITUMINOUS PAVEMENT

LOCATION	LENGTH (FT)	WIDTH (FT)	QUANTITY (SY)	AS BUILT LENGTH (FT)	AS BUILT WIDTH (FT)	AS BUILT QUANTITY (SY)	LOCATION	LENGTH (FT)	WIDTH (FT)	QUANTITY (SY)	AS BUILT LENGTH (FT)	AS BUILT WIDTH (FT)	AS BUILT QUANTITY (SY)
1	25.0	3.0	8.34				21	25.0	3.0	8.34			
2	50.0	3.0	16.67				22	37.5	3.0	12.50			
3	12.5	3.0	4.17				23	50.0	3.0	16.67			
4	50.0	3.0	16.67				24	25.0	3.0	8.34			
5	12.5	3.0	4.17				25	37.5	3.0	12.50			
6	50.0	3.0	16.67				26	25.0	3.0	8.34			
7	50.0	3.0	16.67				27	25.0	3.0	8.34			
8	12.5	3.0	4.17				28	12.5	3.0	4.17			
9	12.5	3.0	4.17				29	25.0	3.0	8.34			
10	12.5	3.0	4.17				30	12.5	3.0	4.17			
11	50.0	3.0	16.67				31	12.5	3.0	4.17			
12	50.0	3.0	16.67				32	12.5	3.0	4.17			
13	50.0	3.0	16.67				33	12.5	3.0	4.17			
14	50.0	3.0	16.67				34	50.0	3.0	16.67			
15	50.0	3.0	16.67				35	12.5	3.0	4.17			
16	50.0	3.0	16.67				36	50.0	3.0	16.67			
17	37.5	3.0	12.50				37	50.0	3.0	16.67			
18	26.0	3.0	8.67				38	50.0	3.0	16.67			
19	50.0	3.0	16.67				39	50.0	3.0	16.67			
20	37.5	3.0	12.50										
TOTAL (S.Y.)			438										



DATE	REVISION	BY

MT. VERNON AIRPORT

 MT. VERNON, ILLINOIS
 I.L. PROJ.: MWN-3693 A.I.P. PROJ.: 3-17-0074-B16

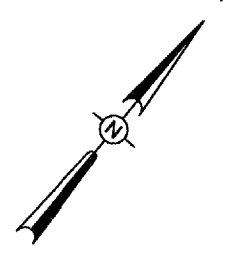
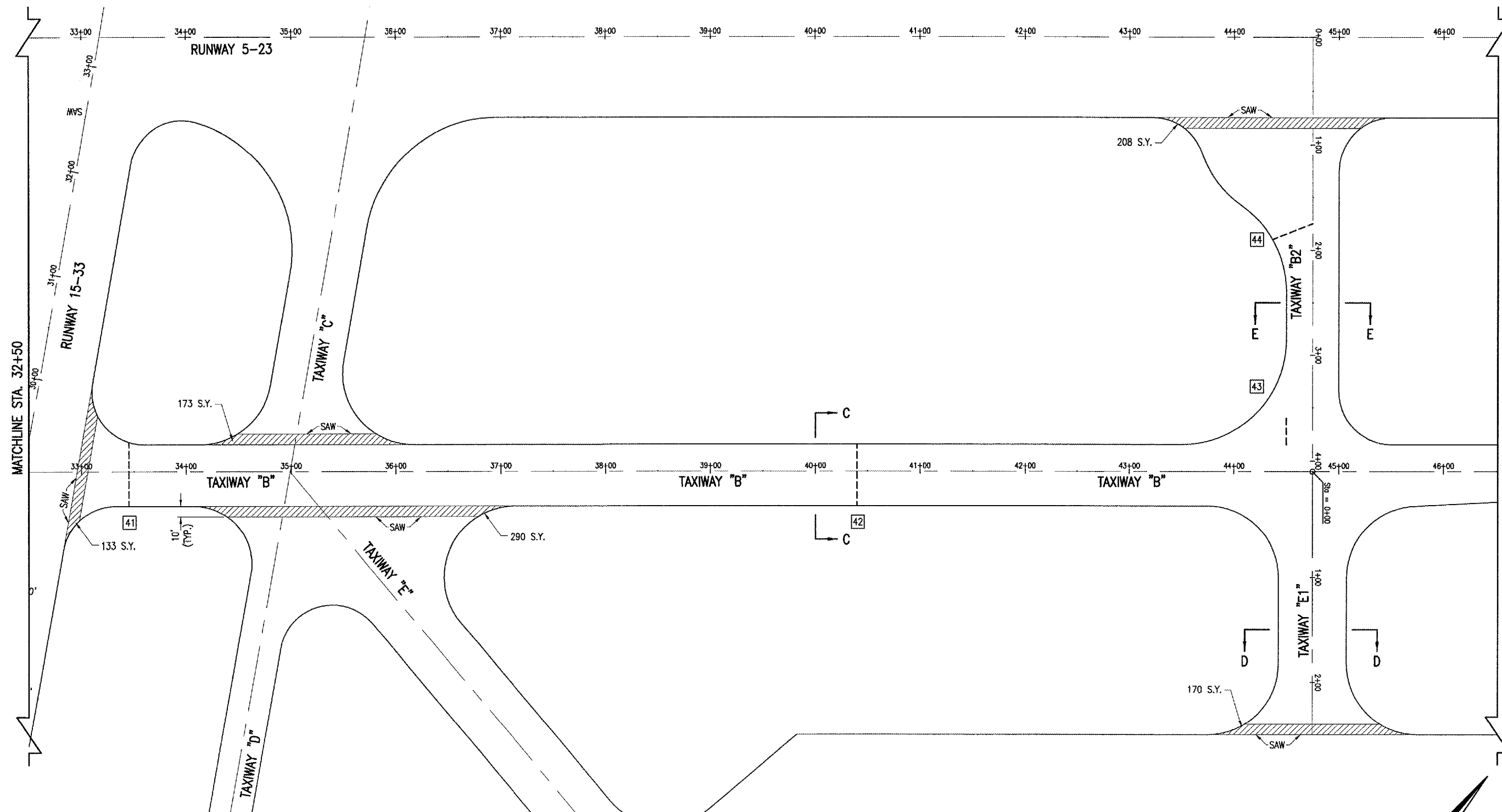
REVISION	DATE	BY
CCC	03/16/07	
CCC	03/16/07	
RAW	04/12/07	

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PFC (0.1') OVERLAY
 OF TAXIWAYS
 PROPOSED PAVEMENT
 PREPARATION PLAN
 STA. 19+00 TO STA. 32+50

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MV055



0' 25' 50' 100'
 FULL SIZE SCALE: 1" = 50'
 HALF SIZE SCALE: 1" = 100'

REVISION	DATE	BY

MT. VERNON AIRPORT

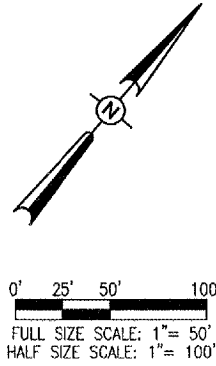
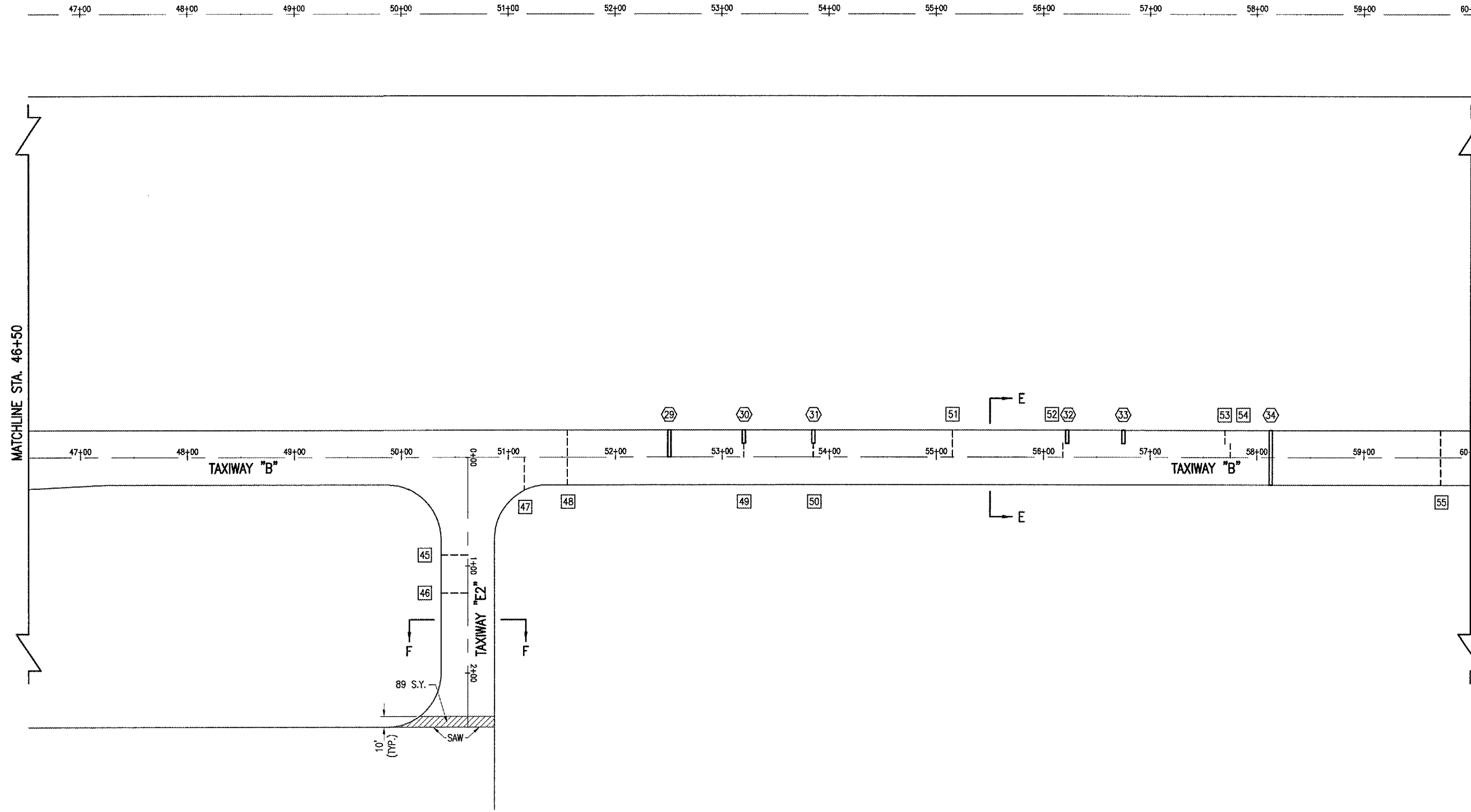
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 I.L. PROJ.: MW-3693 A.I.P. PROJ.: 3-17-0074-B16

IEE Project No.	B1907TXD
Revision	R-111PRP.DWG
Scale	1" = 50'
Date	04/12/07
LAYOUT	CCC 03/16/07
DRAWN	CCC 03/16/07
REVIEWED	RAW 04/12/07

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PFC (0.1') OVERLAY
 OF TAXIWAYS
 PROPOSED PAVEMENT
 PREPARATION PLAN
 STA. 32+50 TO STA. 46+50

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MV055

MATCHLINE STA. 46+50

MATCHLINE STA. 60+00

DATE	REVISION	BY

MT. VERNON AIRPORT

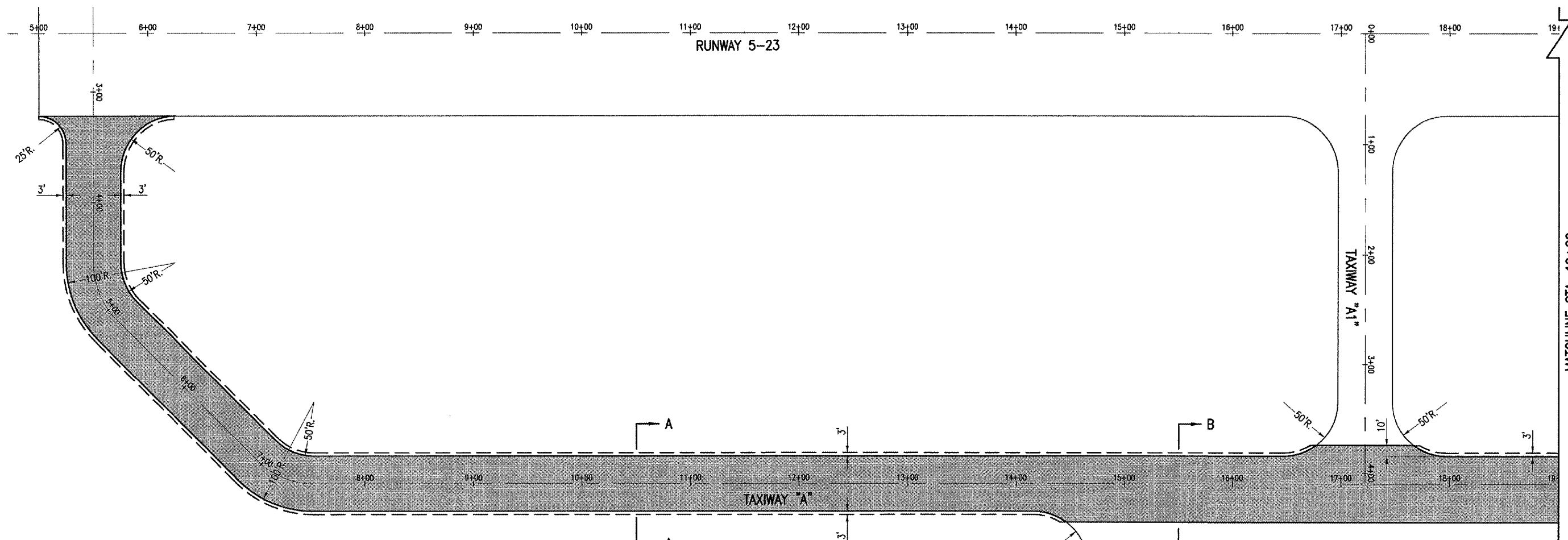
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 I.L. PROJ.: MVN-3683 A.I.P. PROJ.: 3-17-0074-B16

HEI Project No.	Scale	Date	LAYOUT	CCC	03/16/07
81907TXD	R-111PRP.DWG	04/12/07	DRAWN	CCC	03/16/07
			REVIEWED	RAW	04/12/07

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PFC (0.1') OVERLAY
 OF TAXIWAYS
 PROPOSED PAVEMENT
 PREPARATION PLAN
 STA. 46+50 TO STA. 60+00



POROUS FRICTION COURSE NOTES

THE PROPOSED POROUS FRICTION COURSE WILL BE CONSTRUCTED IN ONE LAYER, HAVING A COMPACTED NOMINAL THICKNESS OF ONE TENTH OF A FOOT (0.10') IN ACCORDANCE WITH ITEM AR402622 AND THE SUPPLEMENTAL SPECIFICATIONS DATED JULY 1, 2004.

THE POROUS FRICTION COURSE SHALL BE PLACED ON A CLEAN AND PREPARED SURFACE ONLY AFTER THE APPROVAL OF THE RESIDENT ENGINEER.

THE SURFACES TO BE OVERLAYED WILL BE SPRAYED WITH AN APPLICATION OF A BITUMINOUS TACK COAT. AN APPLICATION RATE OF 0.3 GAL./S.Y. (DILUTED) WAS USED FOR CALCULATING THE QUANTITY OF TACK FOR THIS APPLICATION. THE EXACT RATE OF APPLICATION WILL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION. TACKED AREAS WORN FROM HAULING OPERATIONS SHALL BE RETACKED AT THE DISCRETION OF THE RESIDENT ENGINEER. THE TACK COAT MUST BE DRY (CURED) TO THE SATISFACTION OF THE RESIDENT ENGINEER PRIOR TO THE PLACEMENT OF THE POROUS FRICTION COURSE.

PAYMENT FOR THIS ITEM OF WORK WILL BE UNDER ITEM: AR402622 "POROUS FRICTION COURSE, 0.10" - PER SQUARE YARD.

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 WILL BE PAID FOR UNDER ITEM: AR603510 "BITUMINOUS TACK COAT" - PER GALLON

SEEDING NOTES

THE GRADING, SEEDING & EROSION CONTROL BLANKET LIMITS ARE INDICATED ON THIS SHEET THRU SHEET 14 BY ---. ALL AREAS (EXCEPT THE PAVEMENT) WITHIN THESE LIMITS SHALL BE LIMED, FERTILIZED, AND SEEDED IN ACCORDANCE WITH THE SUPPLEMENTAL SPECIFICATIONS DATED JULY 1, 2004 AND THE FOLLOWING FORMULA:

LIME	2 TONS/ACRE
FERTILIZER (MINIMUM POUNDS OF AVAILABLE PLANT FOOD/ACRE)	
N	90 LBS./ACRE
P ₂ O ₅	350 LBS./ACRE
K ₂ O	240 LBS./ACRE
TOTAL	680 LBS./ACRE
SEEDING (MINIMUM POUNDS OF PURE LIVE SEED/ACRE)	
ALTA FESCUE	100 LBS./ACRE
PERENNIAL RYEGRASS	50 LBS./ACRE
CREEPING RED FESCUE	40 LBS./ACRE
SPRING OATS	10 LBS./ACRE

PRIOR TO THE PLACEMENT OF THE SEED THE TOPSOIL ADJACENT TO THE PAVEMENT SHALL BE THOROUGHLY LOOSENEED TO A DEPTH NOT LESS THAN 4 INCHES, THE ENTIRE WIDTH OF THE DISTURBED AREA. THE CONTRACTOR WILL USE DRAG BARS, HARROWS OR OTHER EQUIPMENT NECESSARY TO OBTAIN THE SMOOTH GRADE TO THE SATISFACTION OF THE RESIDENT ENGINEER. THE SEED BED SHALL BE SMOOTH AND TO GRADE UPON COMPLETION OF THE SEEDING OPERATION.

ALL AREAS WHICH ARE DISTURBED BY THE CONTRACTOR, OUTSIDE OF THE PROPOSED GRADING LIMITS, WILL BE LIMED, FERTILIZED, AND SEEDED IN ACCORDANCE WITH THE REQUIREMENTS OF ITEM AR901510 AT NO ADDITIONAL COST TO THE CONTRACT.

ALL ROCK, ASPHALT OR CONCRETE DEBRIS LEFT FROM THE PAVING OPERATION WILL BE REMOVED FROM THE AIRPORT SITE.

THE PRIME CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATION BETWEEN ALL SUB-CONTRACTORS AS TO THEIR RESPONSIBILITIES PERTAINING TO THE SEEDING OPERATION.

TOPSOILING NOTES

THE AREAS DESIGNATED BY --- ON THESE DRAWINGS SHALL BE GRADED FROM ONE (1) INCH BELOW PROPOSED PAVEMENT ELEVATIONS TO EXISTING EARTH ELEVATIONS 3 FEET FROM THE PROPOSED PAVEMENT.

THE EARTH FILLETS WILL NOT REQUIRE COMPACTING OR GRADING, OTHER THAN LIGHT ROLLING AND SHAPING. THE TOPSOIL PLACED SHALL BE FROM AN OFF SITE SOURCE AND COMPLY WITH THE SUPPLEMENTAL SPECIFICATION FOR FOR ITEM 905 "TOPSOILING".

PAYMENT FOR THIS ITEM OF WORK WILL BE UNDER ITEM: AR905520 "TOPSOILING" - PER CUBIC YARD.

EXCELSIOR BLANKET NOTES

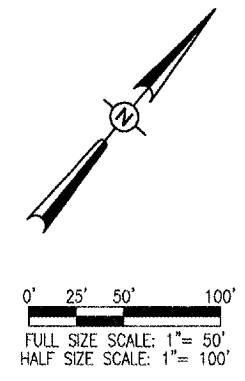
AN EROSION CONTROL MATERIAL (EXCELSIOR BLANKET) WILL BE INSTALLED AT THE LOCATIONS SHOWN ON THIS SHEET AND IN ACCORDANCE WITH THE SPECIAL PROVISIONS.

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM AR156531 "EROSION CONTROL BLANKET" - PER S.Y.

QUANTITIES				
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	AS BUILT QUANTITY
AR156531	EROSION CONTROL BLANKET	S.Y.	4,356	
AR402622	POROUS FRICTION COURSE, 0.10'	S.Y.	47,600	
AR603510	BITUMINOUS TACK COAT	GAL.	14,280	
AR901510	SEEDING	ACRE	0.9	
AR905520	TOPSOILING (FROM OFF SITE)	C.Y.	150	

LEGEND

	EXISTING PAVEMENT
	PROPOSED PFC OVERLAY LIMITS
	PROPOSED EXCELSIOR BLANKET LIMITS



DATE	REVISION	BY

MT. VERNON AIRPORT

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 I.L. PROJ.: MW-3683 A.I.P. PROJ.: 3-17-0074-B16

HE Project No.	DATE	LAYOUT	CCC	RAW
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R-121CON.DWG	03/16/07	CCC	CCC	RAW
Scale: 1" = 50'	04/12/07	CCC	CCC	RAW

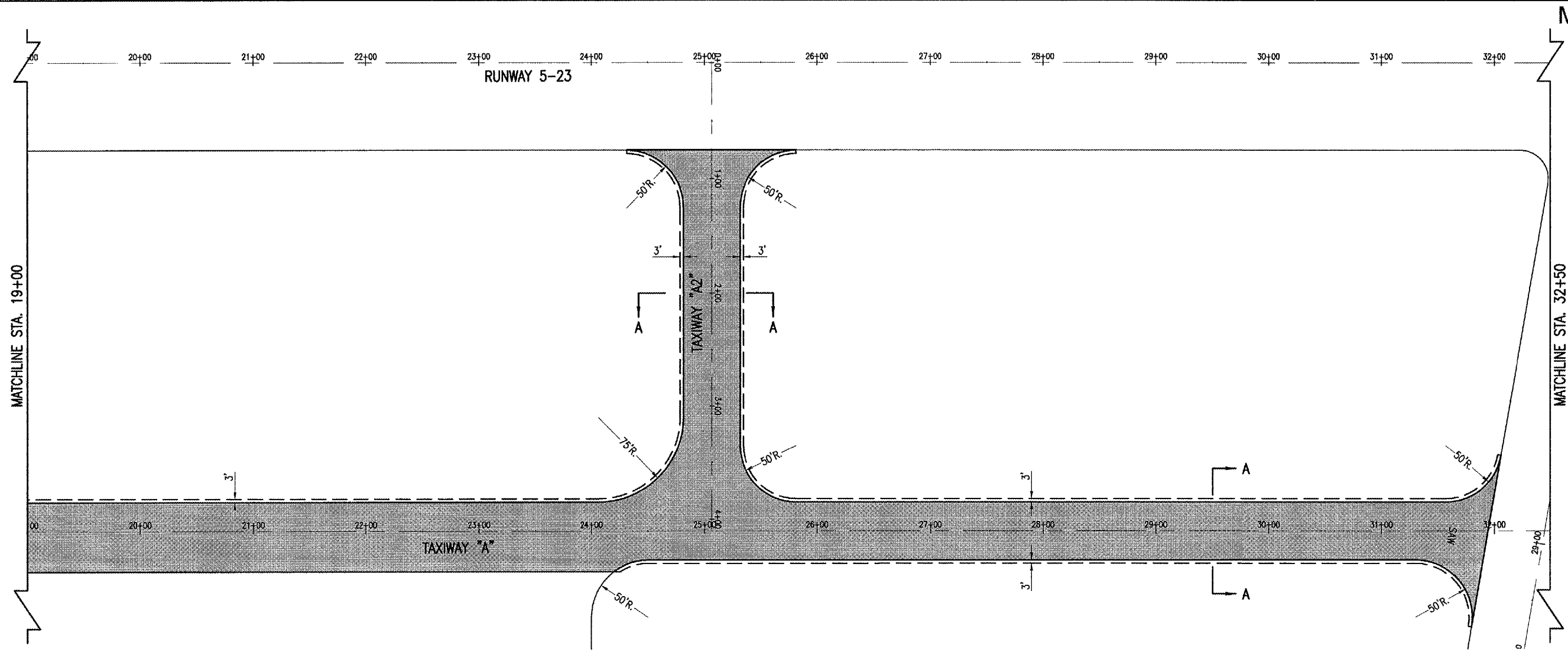
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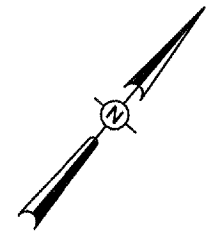
PFC (0.1') OVERLAY OF TAXIWAYS
 PROPOSED PAVEMENT CONSTRUCTION PLAN
 STA. 3+00 TO STA. 19+00

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- LEGEND**
- EXISTING PAVEMENT
 - PROPOSED PFC OVERLAY LIMITS
 - PROPOSED EXCELSIOR BLANKET LIMITS



0' 25' 50' 100'
 FULL SIZE SCALE: 1" = 50'
 HALF SIZE SCALE: 1" = 100'

DATE	REVISION	BY

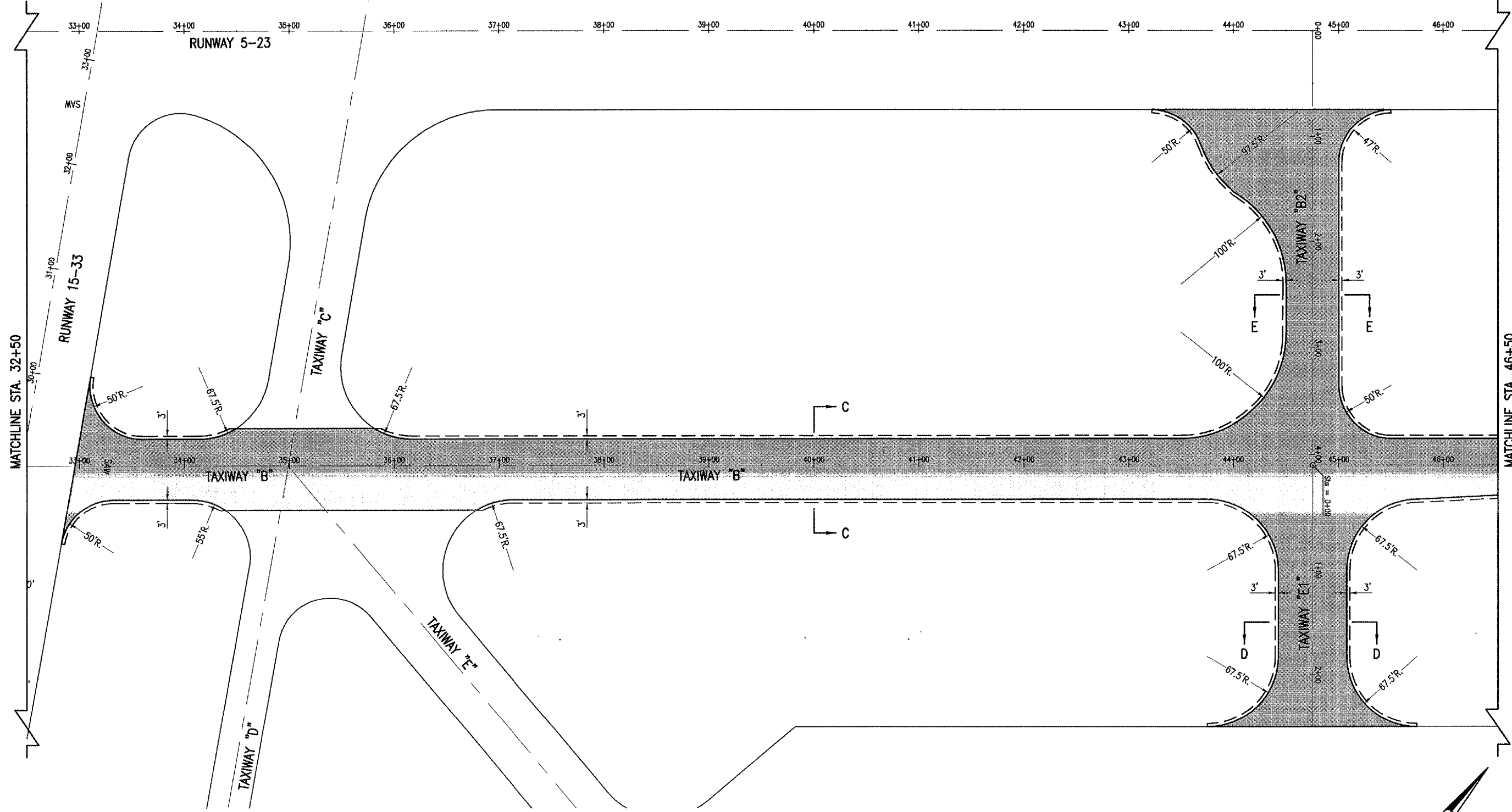
MT. VERNON AIRPORT

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 I.L. PROJ.: MVN-3693 A.I.P. PROJ.: 3-17-0074-B16

HEL Project No. 81907TXD	CCC	03/16/07
Program R-121CON.DWG	CCC	03/16/07
Scale 1" = 50'	RAW	04/12/07
Date 04/12/07		
LAYOUT		
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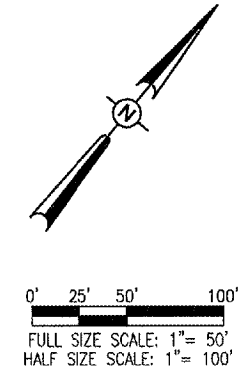
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 Offices Nationwide

PFC (0.1') OVERLAY
 OF TAXIWAYS
 PROPOSED PAVEMENT
 CONSTRUCTION PLAN
 STA. 19+00 TO STA. 32+50



LEGEND

- EXISTING PAVEMENT
- PROPOSED PFC OVERLAY LIMITS
- PROPOSED EXCELSIOR BLANKET LIMITS



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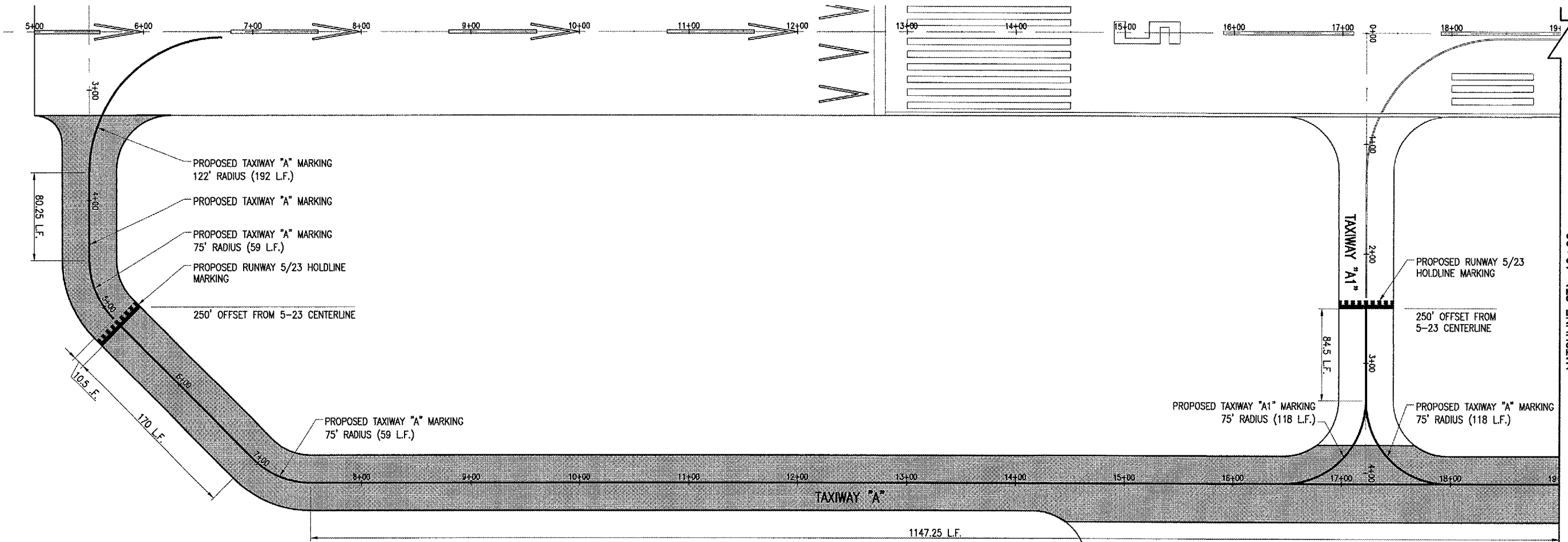
DATE	REVISION	BY

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 MT. VERNON, ILLINOIS
 I.L. PROJ.: MVN-3693 A.I.P. PROJ.: 3-17-0074-B16

HE Project No. 81907XXD	LAYOUT	CCC	03/16/07
Filename: R-12\CON.DWG	DRAWN	CCC	03/16/07
Scale: 1" = 50'	REVIEWED	RAW	04/12/07
Date: 04/12/07			

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

PFC (0.1') OVERLAY OF TAXIWAYS
 PROPOSED PAVEMENT CONSTRUCTION PLAN
 STA. 32+50 TO STA. 46+50



MARKING NOTES

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

ANY MATERIAL DELIVERED THAT FAILS TO MEET THE SPECIFICATIONS SHALL BE DISPOSED OF BY THE CONTRACTOR AND IMMEDIATELY REPLACED WITH ACCEPTABLE MATERIAL ENTIRELY AT THE CONTRACTOR'S EXPENSE, INCLUDING HANDLING AND TRANSPORTATION CHARGES.

TAXIWAY CENTERLINE MARKING SHALL BE SOLID AND YELLOW IN COLOR AND BE 1 FOOT IN WIDTH. THE HOLDING POSITION MARKINGS WILL BE AS SPECIFIED IN THE DETAILS SHOWN ON THIS SHEET.

ALL PROPOSED MARKING WILL BE COMPLETED IN ACCORDANCE WITH THE DETAILS SHOWN ON THE CONSTRUCTION PLANS.

THE PROPOSED PAVEMENT MARKING WILL BE APPLIED IN TWO APPLICATIONS. ALL YELLOW PROPOSED MARKING WILL HAVE A REFLECTIVE MEDIA APPLIED IN ACCORDANCE WITH THE SPECIFICATIONS. GLASS BEADS SHALL BE REQUIRED IN THE SECOND APPLICATION ONLY. BLACK BORDER WILL NOT REQUIRE REFLECTIVE MEDIA.

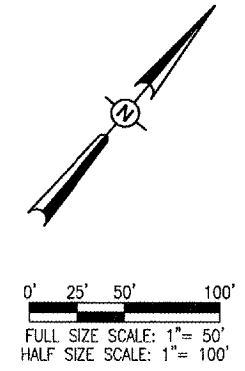
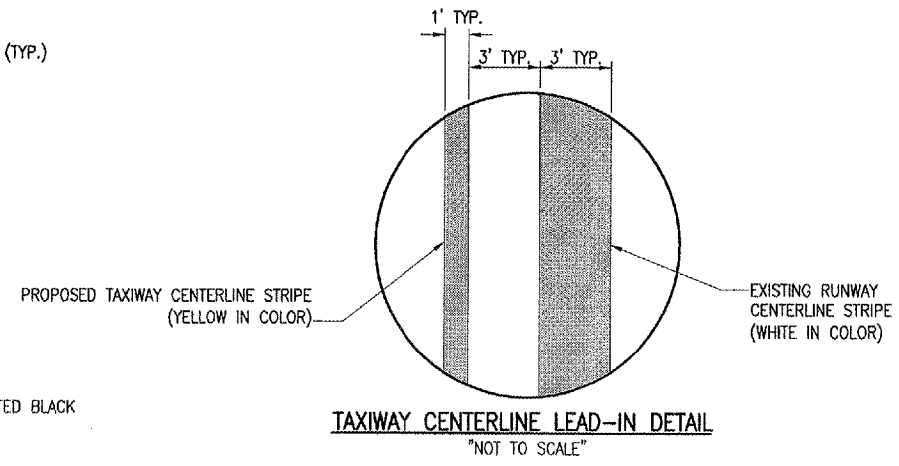
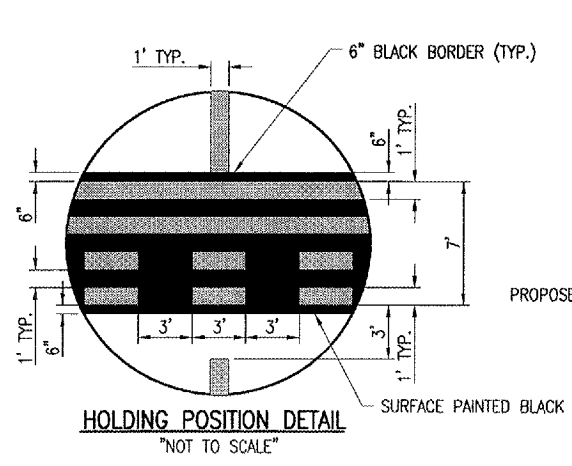
CUT-OFF SHEETS WILL BE REQUIRED TO INSURE STRAIGHT EDGES.

PROPOSED MARKING ITEMS WILL BE PAID FOR AS FOLLOWS:
 AR620520 "PAVEMENT MARKING-WATERBORNE" - PER SQ. FT.
 AR620525 "PAVEMENT MARKING-BLACK BORDER" - PER SQ. FT.

LEGEND

- EXISTING PAVEMENT
- PROPOSED PAVEMENT MARKING
- █ PROPOSED LIMIT OF OVERLAY

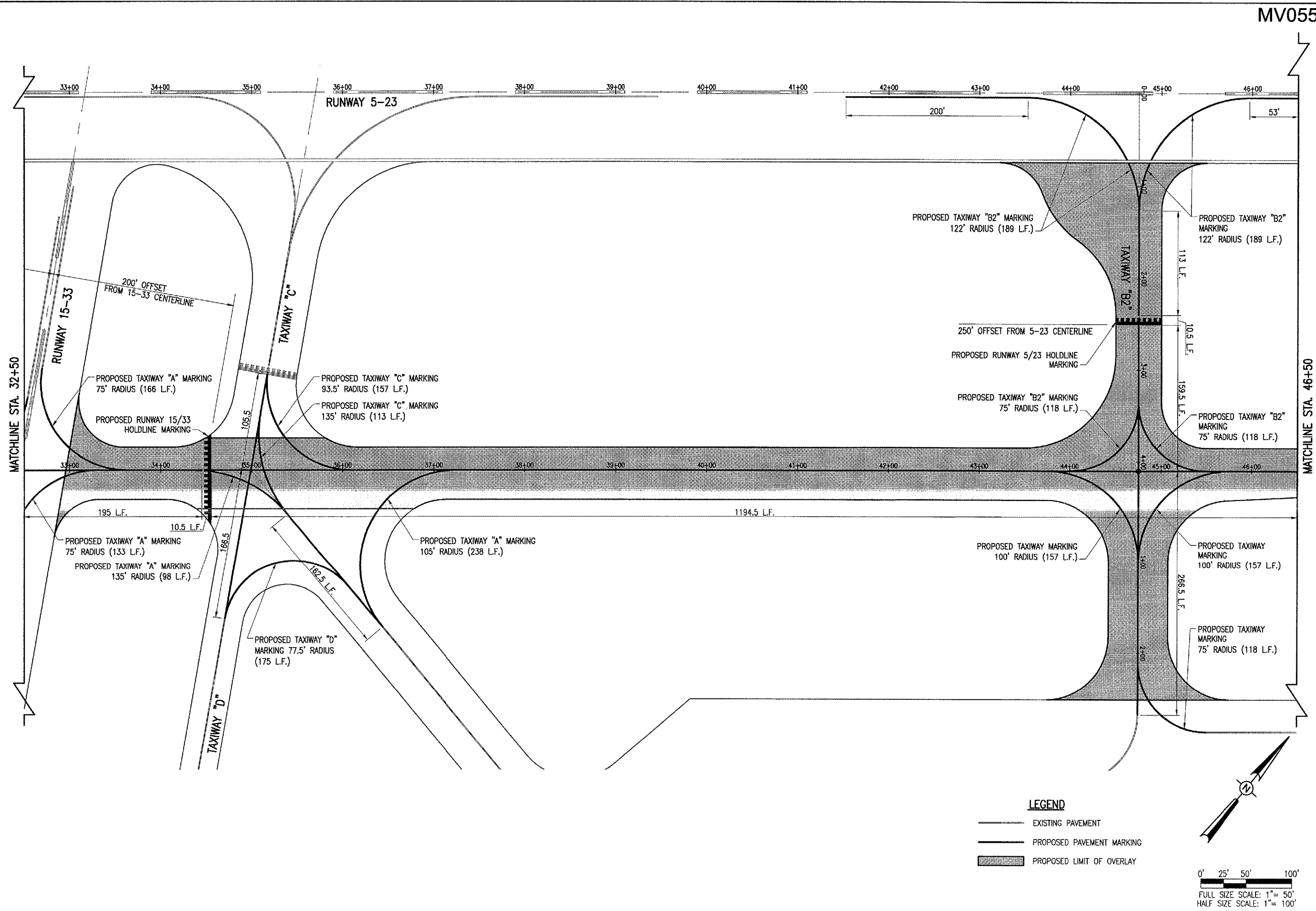
QUANTITIES				
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	AS BUILT QUANTITY
AR620520	PAVEMENT MARKING - WATERBORNE	S.Y.	13,801	
AR620525	PAVEMENT MARKING - BLACK BORDER	S.Y.	1,961	



MAY 01, 2007 4:28 PM RAW
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DATE	REVISION	BY							
ILL. PROJECT NO. 819077XD DRAWING NO. R-151MRK.DWG SCALE 1" = 50' DATE 04/12/07									
LAYOUT	CCC	03/16/07							
DRAWN	CCC	03/16/07							
REVIEWED	RAW	04/12/07							
PFC (0.1') OVERLAY OF TAXIWAYS PROPOSED PAVEMENT MARKING PLAN STA. 3+00 TO STA. 19+00									
15									
15 of 19 sheets									

MAY 01, 2007 4:28 PM RAW
 I:\AIRPORTS\MY\VERNON\81907\TXD\AIRPORT_SHEETS\151MRK.DWG - 32+50 to 46+50



MV055

MATCHLINE STA. 32+50

MATCHLINE STA. 46+50

DATE	REVISION	BY

MT. VERNON AIRPORT
 MT. VERNON, ILLINOIS
 I.L. PROJ.: MW-3693 A.I.P. PROJ.: 3-17-0074-816

LAYOUT	CCC	03/16/07
DRAWN	CCC	03/16/07
REVIEWED	RAW	04/12/07

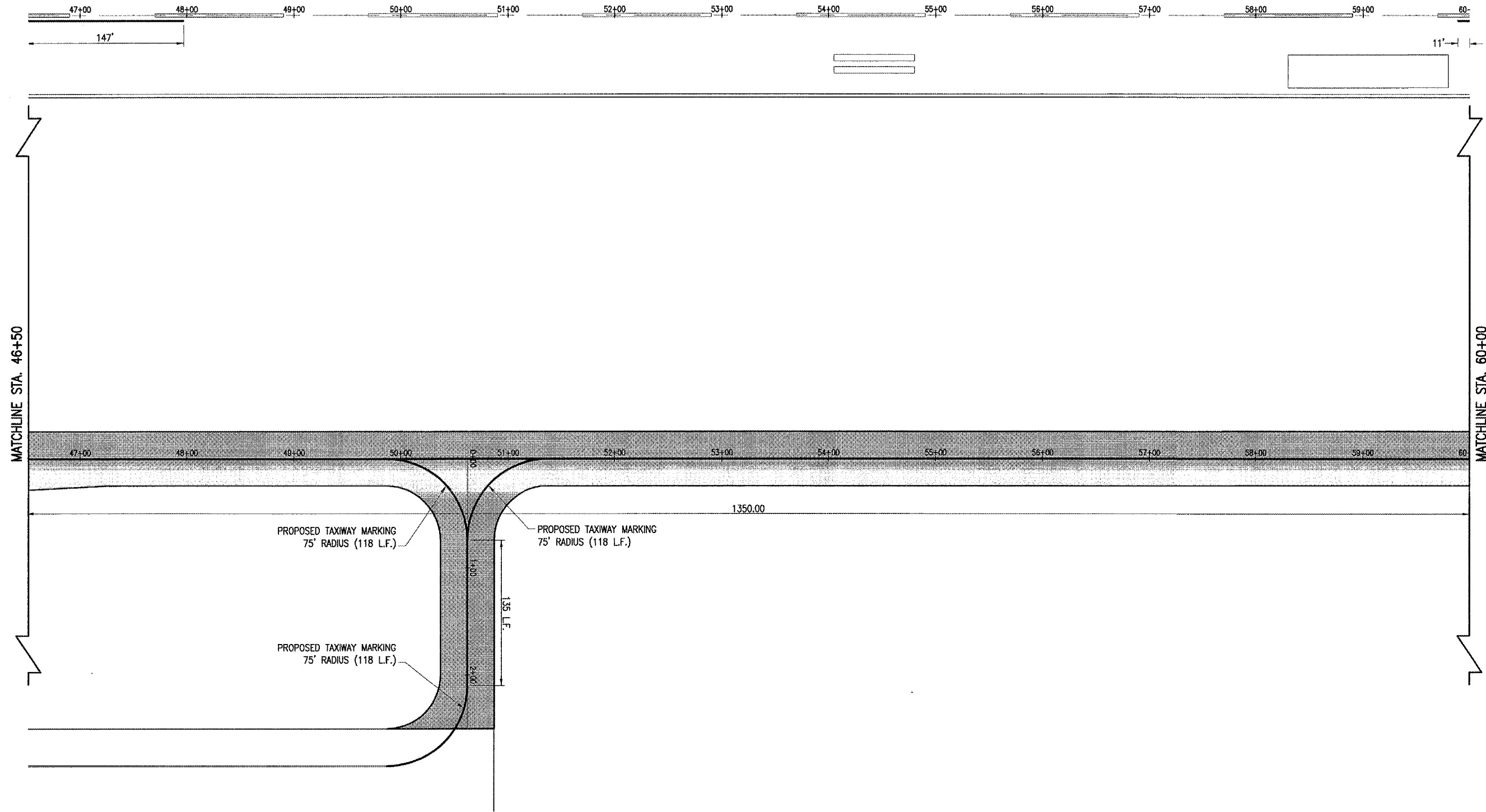
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 Filename: R-151MRK.DWG
 Scale: 1" = 50'
 Date: 04/12/07

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PFC (0.1') OVERLAY
 OF TAXIWAYS
 PROPOSED PAVEMENT
 MARKING PLAN
 STA. 32+50 TO STA. 46+50

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MV055

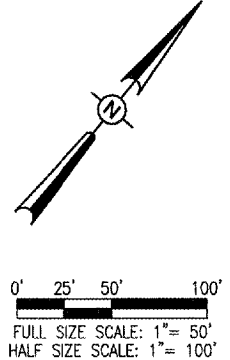


PROPOSED TAXIWAY MARKING
 75' RADIUS (118 L.F.)

PROPOSED TAXIWAY MARKING
 75' RADIUS (118 L.F.)

PROPOSED TAXIWAY MARKING
 75' RADIUS (118 L.F.)

- LEGEND**
- EXISTING PAVEMENT
 - PROPOSED PAVEMENT MARKING
 - PROPOSED LIMIT OF OVERLAY



DATE	REVISION	BY

MT. VERNON AIRPORT

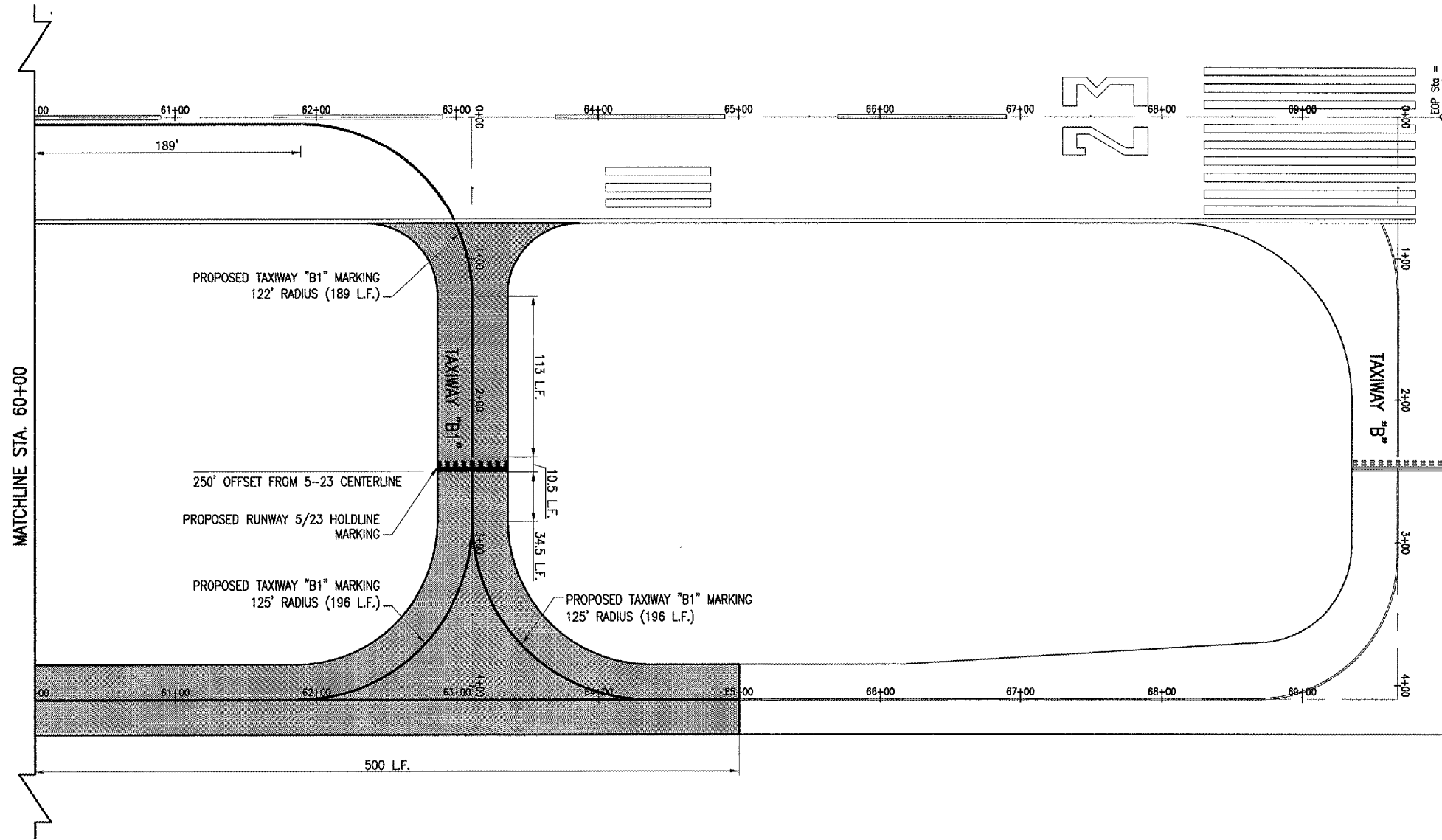
 MT. VERNON, ILLINOIS
 I.L. PROJ.: MVN-3693 A.I.P. PROJ.: 3-17-0074-B16

H.I. Project No. 81907XYD File Name R-151MRK.DWG Scale 1" = 50' Date 04/12/07	LAYOUT CCC 03/16/07 DRAWN CCC 03/16/07 REVIEWED RAW 04/12/07
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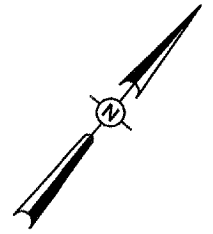
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PFC (0.1") OVERLAY
 OF TAXIWAYS
 PROPOSED PAVEMENT
 MARKING PLAN
 STA. 46+50 TO STA. 60+00



MATCHLINE STA. 60+00

- LEGEND**
- EXISTING PAVEMENT
 - PROPOSED PAVEMENT MARKING
 - ▨ PROPOSED LIMIT OF OVERLAY



0' 25' 50' 100'
 FULL SIZE SCALE: 1" = 50'
 HALF SIZE SCALE: 1" = 100'

DATE	REVISION	BY

MT. VERNON AIRPORT

 MT. VERNON, ILLINOIS
 IL PROJ.: MWV-3693 A.I.P. PROJ.: 3-17-0074-B16

DATE	BY	REVISION
04/12/07 <td>CCC <td>LAYOUT</td> </td>	CCC <td>LAYOUT</td>	LAYOUT
03/16/07 <td>CCC <td>DRAWN</td> </td>	CCC <td>DRAWN</td>	DRAWN
04/12/07 <td>RAW <td>REVIEWED</td> </td>	RAW <td>REVIEWED</td>	REVIEWED

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PFC (0.1') OVERLAY
 OF TAXIWAYS
 PROPOSED PAVEMENT
 MARKING PLAN
 STA. 60+00 TO STA. 65+00