DE265

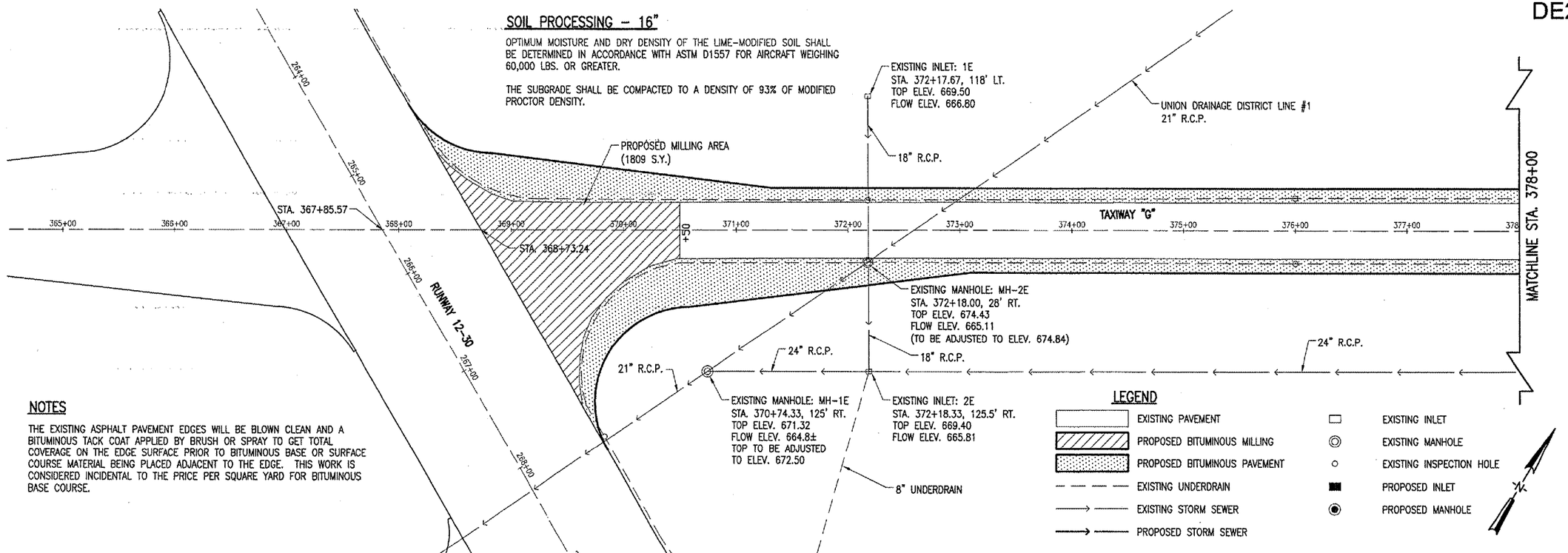
SOIL PROCESSING – 16"

OPTIMUM MOISTURE AND DRY DENSITY OF THE LIME-MODIFIED SOIL SHALL BE DETERMINED IN ACCORDANCE WITH ASTM D1557 FOR AIRCRAFT WEIGHING 60,000 LBS. OR GREATER.

THE SUBGRADE SHALL BE COMPACTED TO A DENSITY OF 93% OF MODIFIED PROCTOR DENSITY.

NOTES

THE EXISTING ASPHALT PAVEMENT EDGES WILL BE BLOWN CLEAN AND A BITUMINOUS TACK COAT APPLIED BY BRUSH OR SPRAY TO GET TOTAL COVERAGE ON THE EDGE SURFACE PRIOR TO BITUMINOUS BASE OR SURFACE COURSE MATERIAL BEING PLACED ADJACENT TO THE EDGE. THIS WORK IS CONSIDERED INCIDENTAL TO THE PRICE PER SQUARE YARD FOR BITUMINOUS BASE COURSE.



EARTHWORK DISTRIBUTION

LOCATION	EXCAVATION	EMBANKMENT	SHRINKAGE (EMBANKMENT x 1.40)	BORROW	WASTE
TAXIWAY "G"	8,685 C.Y.	6,554 C.Y.	9,176 C.Y.	491 C.Y.	0 C.Y.
TAXIWAY "G3"	1,229 C.Y.	177 C.Y.	248 C.Y.	0 C.Y.	981 C.Y.
TAXIWAY "G4"	574 C.Y.	28 C.Y.	39 C.Y.	0 C.Y.	546 C.Y.
TOTALS	10,488 C.Y.	6,759 C.Y.	9,463 C.Y.	491 C.Y.	1,527 C.Y.

TOTAL WASTE: 1,527 C.Y. – 491 C.Y. = 1,036 C.Y.

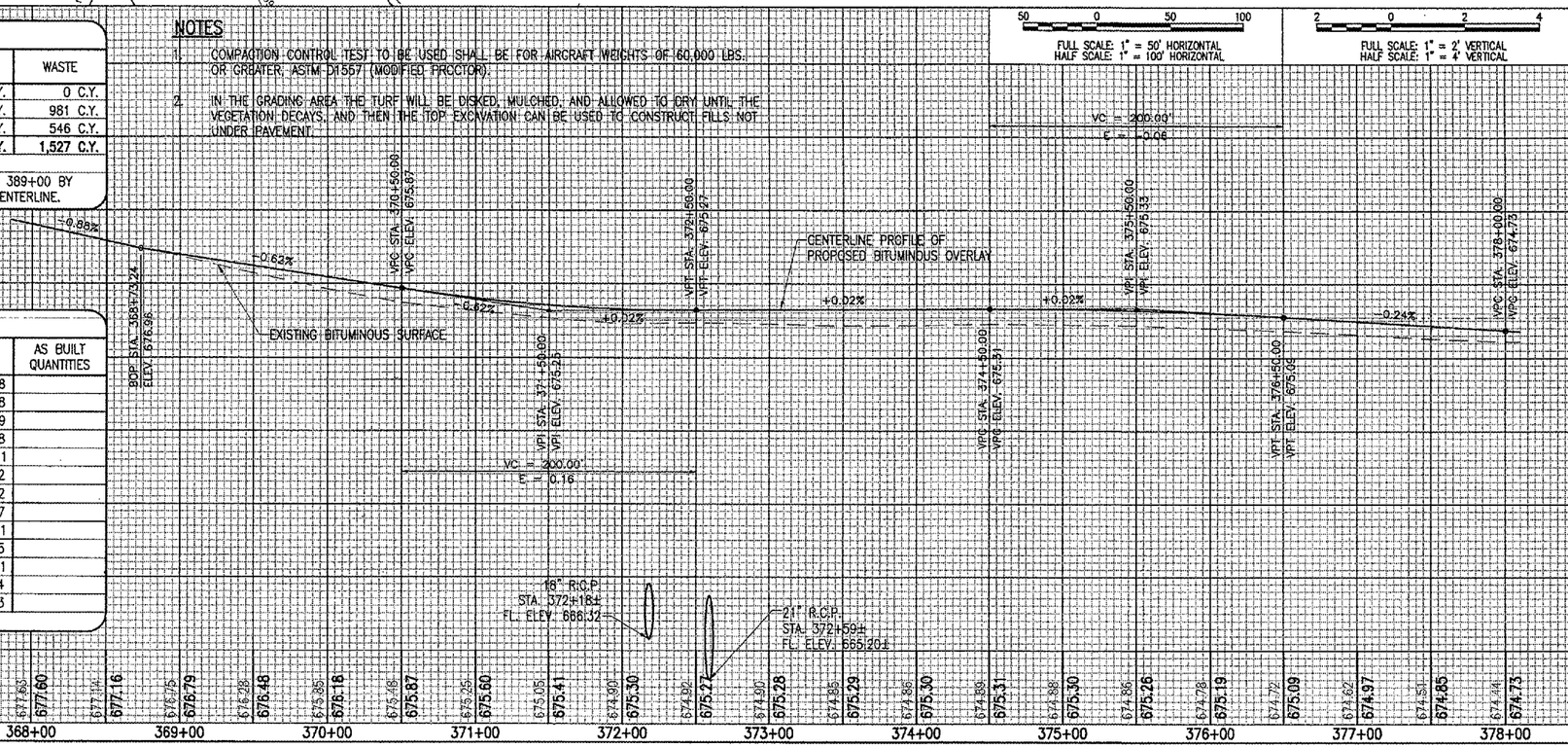
ANY EXCESS EXCAVATION WILL BE WASTED BETWEEN STATIONS 384+00 TO 389+00 BY EXTENDING THE NORTH SHOULDER BEYOND 85 FEET FROM THE TAXIWAY CENTERLINE.

SUMMARY OF QUANTITIES

ITEM No.	DESCRIPTION	UNIT	TOTAL QUANTITIES	AS BUILT QUANTITIES
AR152410	UNCLASSIFIED EXCAVATION	C.Y.	10,448	
AR155540	BY-PRODUCT LIME	TON	708	
AR155616	SOIL PROCESSING – 16"	S.Y.	16,429	
AR201610	BITUMINOUS BASE COURSE	TON	6,948	
AR201630	BITUMINOUS BASE TEST SECTION	EACH	1	
AR208540	OVERSIZE AGGREGATE	TON	9,592	
AR209510	CRUSHED AGGREGATE BASE COURSE	TON	4,312	
AR401610	BITUMINOUS SURFACE COURSE	TON	4,747	
AR401630	BITUMINOUS SURFACE TEST SECTION	EACH	1	
AR501514	14.5" PCC PAVEMENT	S.Y.	8,735	
AR501530	PCC TEST BATCH	EACH	1	
AR602510	BITUMINOUS PRIME COAT	GAL.	2,864	
AR603510	BITUMINOUS TACK COAT	GAL.	4,653	

NOTES

1. COMPACTION CONTROL TEST TO BE USED SHALL BE FOR AIRCRAFT WEIGHTS OF 60,000 LBS. OR GREATER; ASTM D1557 (MODIFIED PROCTOR).
2. IN THE GRADING AREA THE TURF WILL BE DISKED, MULCHED, AND ALLOWED TO DRY UNTIL THE VEGETATION DECAYS, AND THEN THE TOP EXCAVATION CAN BE USED TO CONSTRUCT FILLS NOT UNDER PAVEMENT.



DATE | REVISION | BY

DECATUR AIRPORT
DECATUR, ILLINOIS
A.I.P. PROJ.: 3-17-0033-28
IL PROJ.: DEC-3414

LAYOUT	CCC	03/18/05
DRAWN	CCC	03/18/05
REVIEWED	WJM	06/07/05

HEI Project No. 802-04TXYO
Filename R-701PNP.DWG
Scale 1"=50'H, 1"=2'V
Date 03/18/05

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

TAXIWAY G WIDENING PHASE II

PROPOSED PLAN & PROFILE
TAXIWAY "G"
STA. 367+86.06 TO STA. 378+00

12
12 of 110 sheets

JUN 13, 2005 11:05 AM CCC
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