

**DRAINAGE STRUCTURE FILTER WRAP**

N.T.S.

- FILTER WRAP TO BE PLACED IN ALL SLOPE BOX INLETS, INLETS, MANHOLES, TRENCH DRAINS AND CATCH BASINS LOCATED IN PAVED AREAS AND NONPAVED AREAS.
- FABRIC SHALL BE IN CONFORMANCE WITH ARTICLE 1080.03 OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION 2007.
- FABRIC SHALL OVERLAY FRAME BY 2" (MIN.).
- CONTRACTOR SHALL CLEAR DEBRIS AND SILT AS REQUIRED FROM FABRIC TO MAINTAIN DRAINAGE THROUGH THE STRUCTURE.
- FABRIC SHALL REMAIN IN PLACE UNTIL COMPLETION OF PAVEMENT REHABILITATION.
- COST OF FILTER WRAP AND MAINTENANCE SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

SUMMARY OF QUANTITIES				
ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	RECORD
AR150520	MOBILIZATION	LS	1	
AR152410	UNCLASSIFIED EXCAVATION	CY	1,060	
AR201610	BITUMINOUS BASE COURSE	TON	300	
AR208515	POROUS GRANULAR EMBANKMENT	CY	555	
AR209606	CRUSHED AGG. BASE COURSE - 6"	SY	2,550	
AR401610	BITUMINOUS SURFACE COURSE	TON	225	
AR401900	REMOVE BITUMINOUS PAVEMENT	SY	2,550	
AR602510	BITUMINOUS PRIME COAT	GAL	765	
AR603510	BITUMINOUS TACK COAT	GAL	385	
AR620520	PAVEMENT MARKING - WATERBORNE	SF	660	
AR620900	PAVEMENT MARKING-REMOVAL	SF	275	
AR751940	ADJUST INLET	EACH	2	
AR800075	STABILIZATION GEOGRID	SY	2,550	

**NOTES**

- THE NEW PAVEMENT STRUCTURE WAS DESIGNED FOR EXCLUSIVE USE BY SMALL AIRCRAFT. THE CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS TO PROTECT THE PAVEMENT STRUCTURE AND SUBGRADE FROM DAMAGE, WHICH MAY INCLUDE BUT NOT BE LIMITED TO USE OF TRACKED EQUIPMENT, SHORT HAUL TRUCKS OR TRACKED PAVERS.
- AT ALL TIMES THE CONTRACTOR SHALL PERFORM ALL MAINTENANCE WORK NECESSARY TO KEEP EACH NEWLY CONSTRUCTED PAVEMENT SECTION LAYER IN A SATISFACTORY CONDITION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE DONE BY HIS HAULING AND CONSTRUCTION EQUIPMENT. ANY WORK NECESSARY TO CORRECT DAMAGED WORK SHALL BE PERFORMED BY THE CONTRACTOR AND AT THE EXPENSE OF THE CONTRACTOR.

Report of Thin-Walled Tube Test Data

LOCATION	DEPTH BELOW SURFACE OF PAVEMENT (IN INCHES)	PERCENT WATER CONTENT	DRY WEIGHT IN POUNDS PER CUBIC FOOT	UNCONFINED COMPRESSIVE STRENGTH IN TONS PER SQUARE FOOT	SOIL DESCRIPTION
<b>Apron on East side of T-Hanger</b>					
B1/S1	0 - 8	-	-	-	Pavement Section
B1/S2	8 - 24	27.1	97.3	2.0*	Fri: Brown & gray silty CLAY, little sand, trace gravel (CL)
B1/S3	24 - 40	23.3	103.4	2.25*	Very tough brown & gray silty CLAY, little sand, trace gravel (CL)
B1/S4	40 - 52	20.6	107.6	3.6*	Very tough brown & gray silty CLAY, little sand, trace gravel (CL)
B1/S5	52 - 64	20.1	109.2	4.5*	Hard brown silty CLAY, little sand, trace gravel (CL)
<b>Apron on West side of T-Hanger</b>					
B2/S1	0 - 11.4	-	-	-	Pavement Section
B2/S2	11.4 - 30	25.0	95.0	2.0*	Very tough dark brown silty CLAY, little sand, trace gravel (CL)
B2/S3	34 - 40	23.9	102.2	2.5*	Very tough dark brown silty CLAY, little sand, trace gravel (CL)
B2/S4	40 - 56	22.5	104.8	4.0*	Hard brown silty CLAY, little sand, trace gravel (CL)
<b>Apron on East side of T-Hanger</b>					
C2/S1	0 - 7.1	-	-	-	Pavement Section
C2/S2	7.1 - 24	26.2	98.7	2.75*	Fri: Brown & gray silty CLAY, little sand, trace gravel (CL)
C2/S3	24 - 36	23.7	107.4	2.0*	Very tough brown silty CLAY, little sand, trace gravel (CL)

\* BASED ON READINGS MADE WITH A CALIBRATED POCKET PENETROMETER.

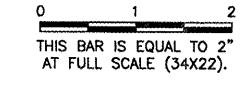
PAVEMENT COMPOSITION

Location & Core Number	Description	Thickness in Inches	
		Thickness in Inches	Depth Below Pavement Surface (In Inches)
North Quadrant T-Hanger Apron, East Side B1	Bituminous Concrete Surface Course	1.0	0 - 1.0
	Bituminous Concrete Binder Course	1.5	1.0 - 2.5
	One inch maximum size crushed stone with fines	7.5	2.5 - 8.0
Note: Surface Course is fractured into several segments			
North Quadrant T-Hanger Apron, West Side B2	Bituminous Concrete Surface Course	1.1	0 - 1.1
	Bituminous Concrete Binder Course	1.3	1.1 - 2.4
	One inch maximum size crushed stone with fines	6.0	2.4 - 11.4
North Quadrant T-Hanger Apron, East Side C2	Bituminous Concrete Surface Course	1.2	0 - 1.2
	Bituminous Concrete Binder Course	1.0	1.2 - 2.2
	One inch maximum size crushed stone with fines	7.0	2.2 - 9.2
North Quadrant T-Hanger Apron, South Side C3	Bituminous Concrete Surface Course	1.1	0 - 1.1
	Bituminous Concrete Binder Course	1.0	1.1 - 2.1
	One inch maximum size crushed stone with fines	6.0	2.1 - 7.1
North Quadrant T-Hanger Apron, West Side C4	Bituminous Concrete Surface Course	1.3	0 - 1.3
	Bituminous Concrete Binder Course	1.5	1.3 - 2.8
	One inch maximum size crushed stone with fines	7.0	2.8 - 9.8
North Quadrant T-Hanger Apron, South Side C5	Bituminous Concrete Surface Course	1.3	0 - 1.3
	Bituminous Concrete Binder Course	1.1	1.3 - 2.4
	One inch maximum size crushed stone with fines	4.5	2.4 - 6.9

IL. CONTRACT: LAO30  
IL. LETTING ITEM: 20A  
IL. PROJECT: IGG-3768  
A.I.P. PROJECT: 3-17-0121-B27

SURVEY BOOK # BOOK #

REVISIONS		
NUMBER	BY	DATE



LANSING MUNICIPAL AIRPORT  
LANSING, ILLINOIS  
REHAB NORTH QUADRANT T-HANGER PAVEMENT - PHASE 1

SUMMARY OF QUANTITIES / MISCELLANEOUS NOTES AND DETAILS

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DESIGN BY: ARM  
DRAWN BY: JRO  
CHECKED BY:  
APPROVED BY:  
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DATE: Friday, April 25, 2008 2:25:07 PM  
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