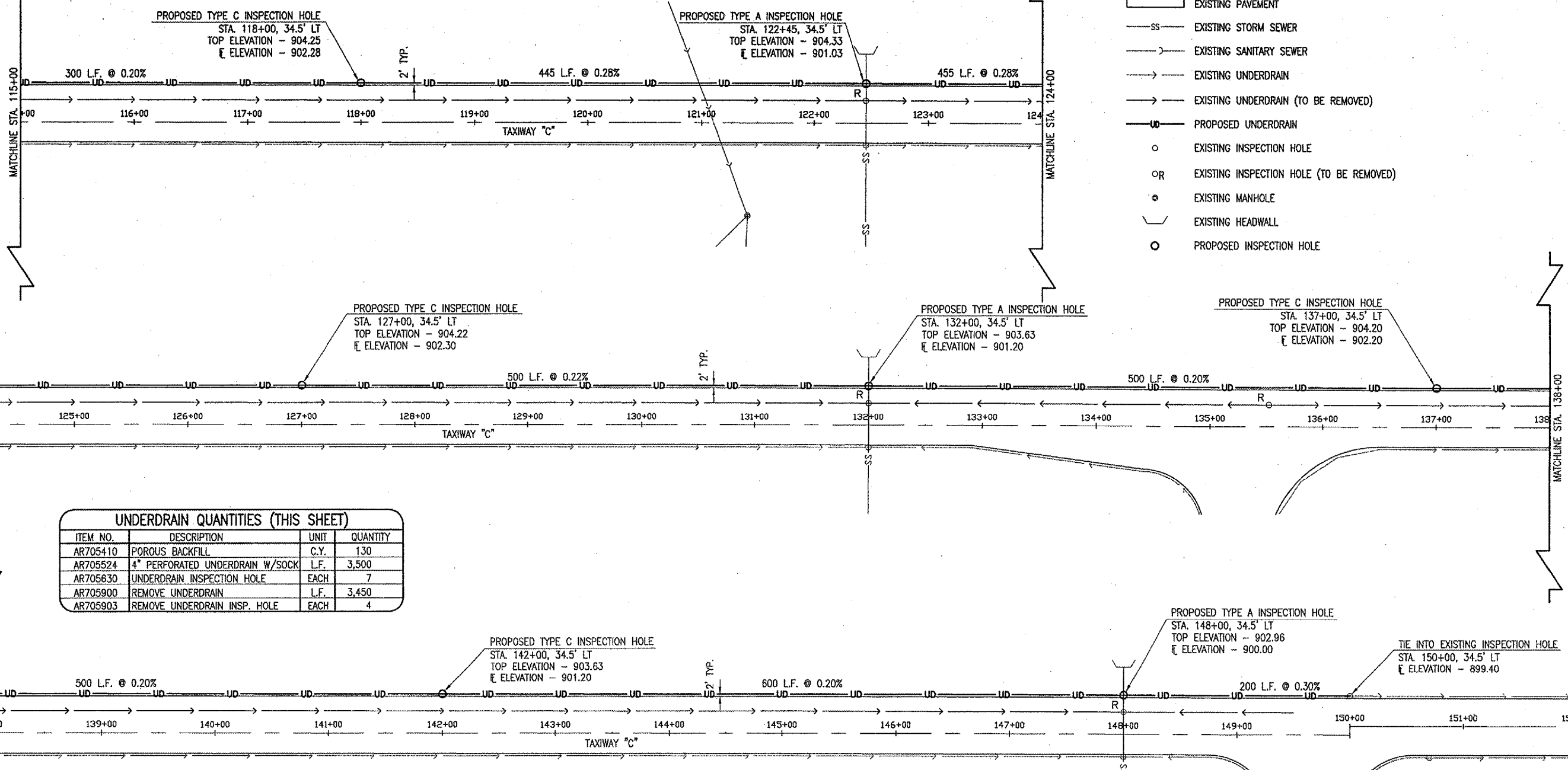


LEGEND

- EXISTING PAVEMENT
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- EXISTING UNDERDRAIN
- EXISTING UNDERDRAIN (TO BE REMOVED)
- PROPOSED UNDERDRAIN
- EXISTING INSPECTION HOLE
- EXISTING INSPECTION HOLE (TO BE REMOVED)
- EXISTING MANHOLE
- EXISTING HEADWALL
- PROPOSED INSPECTION HOLE



UNDERDRAIN QUANTITIES (THIS SHEET)			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
AR705410	POROUS BACKFILL	C.Y.	130
AR705524	4" PERFORATED UNDERDRAIN W/SOCK	L.F.	3,500
AR705630	UNDERDRAIN INSPECTION HOLE	EACH	7
AR705900	REMOVE UNDERDRAIN	L.F.	3,450
AR705903	REMOVE UNDERDRAIN INSP. HOLE	EACH	4

705-UNDERDRAIN NOTES:

THE PROPOSED UNDERDRAIN PIPE WILL BE CONSTRUCTED IN ACCORDANCE WITH ITEM 705 "PIPE UNDERDRAINS FOR AIRPORTS" AS STATED ON PAGE 109 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THIS ITEM OF WORK SHALL CONSIST OF FURNISHING AND INSTALLING 4" P.E. TUBING (WRAPPED) AND UNDERDRAIN INSPECTION HOLES AT THE LOCATIONS AND TO THE GRADES SHOWN ON THE CONSTRUCTION PLANS.

705-3.3 LAYING AND INSTALLING PIPE. REVISE THIS SECTION AS FOLLOWS:

"PIPE DRAINS SHALL BE INSTALLED AT THE LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. WHERE TRENCHING IS REQUIRED, THE TRENCH SHALL HAVE A WIDTH OF NOT LESS 8 IN. THE BOTTOM OF THE TRENCH SHALL BE COMPACTED IN A MANNER MEETING THE APPROVAL OF THE ENGINEER.

JOINTS AND FITTINGS MAY BE ASSEMBLED WITHOUT GASKETS OR SOLVENT CEMENT IF THE JOINT IS SAND TIGHT AND THE SPIGOT ENTERS THE SOCKET NOT LESS THAN 1/3 OF THE SOCKET DEPTH FOR SOLVENT CEMENT JOINTS AND FULL-DEPTH FOR ELASTOMERIC GASKET JOINTS.

NO PIPE SHALL BE PLACED IN THE TRENCH UNTIL IT AND THE PREPARED FOUNDATION HAVE BEEN APPROVED BY THE RESIDENT ENGINEER. THE PIPE SHALL BE LAID SO THAT THE FLOWLINE WILL BE AT THE GRADE SHOWN ON THE PLANS OR ESTABLISHED BY THE RESIDENT ENGINEER. THE PERMISSIBLE MINIMUM COVER OVER A PIPE SHALL BE 6 IN.

LAYING OF PIPES SHALL COMMENCE AT THE OUTLET END AND PROCEED TOWARD THE INLET END WITH THE PIPES TRUE TO LINE AND GRADE.

THE ENDS OF THE PIPE SHALL BE CAREFULLY CLEANED BEFORE THEY ARE PLACED, AND SHALL BE PLACED TO AVOID UNNECESSARY HANDLING ON THE FOUNDATION. AS EACH LENGTH OF PIPE IS LAID, THE ENDS OF THE PIPE SHALL BE PROTECTED TO PREVENT THE ENTRANCE OF ANY MATERIAL.

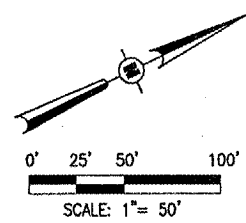
LONGITUDINAL LAPS SHALL BE PLACED AT THE SIDES AND SEPARATE SECTIONS OF PIPE SHALL BE JOINED WITH TIGHTLY-DRAWN, APPROVED CONNECTING BANDS.

THE TRENCH SHALL BE BACKFILLED WITH POROUS BACKFILL AND COMPACTED TO THE SATISFACTION OF THE RESIDENT ENGINEER.

THE PROPOSED UNDERDRAIN PIPE WILL BE PAID FOR UNDER ITEMS:  
 AR705410 POROUS BACKFILL 197 C.Y.  
 AR705524 4" PERFORATED UNDERDRAIN W/SOCK 5,307 L.F.  
 AR705530 UNDERDRAIN INSPECTION HOLE 14 EACH

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.



DATE	REVISION	BY



Proj. No. 80305TXAD_0800	3/2/05
Drawn: R-131DRN.DWG	3/2/05
Scale: 1"=50'	3/2/05
Date: 3/02/05	2/22/06
LAYOUT: KDM	KDM
DRAWN: KDM	CAH
REVIEWED: CAH	



WIDEN TAXIWAYS A & C FROM 35' TO 50'  
 PROPOSED DRAINAGE PLAN  
 STA. 115+00 TO STA. 150+00

APR 10, 2006 1:12 PM BAK I:\AIRPORTS\DEKALB\803-05TYXA\AIRPORT\SHEETS\TYW-C\A-R-131DRN.DWG