

INSPECTION HOLE/CLEANOUT NOTE

TOP OF PROPOSED CLEANOUTS AND INSPECTION HOLES SHALL BE 1 INCH ABOVE FINISHED GRADE.

THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF TOP ELEVATION PROVIDED.

REMOVE UNDERDRAIN AND INSPECTION HOLE NOTE

EXISTING UNDERDRAIN AND INSPECTION HOLES EXIST ADJACENT TO THE PAVEMENT PROPOSED TO BE WIDENED. THE UNDERDRAIN AND INSPECTION HOLES, IN THEIR ENTIRETY, WILL BE REMOVED AND DISPOSED OF OFF SITE BY THE CONTRACTOR IN A LEGAL MANNER. CARE SHOULD BE TAKEN NOT TO DAMAGE THE EXISTING UNDERDRAIN (TO BE REUSED) WHEN REMOVING THE UNDERDRAIN AND INSPECTION HOLES. ANY DAMAGE TO EXISTING UNDERDRAIN TO BE REUSED WILL BE REPLACED AT THE COST OF THE CONTRACTOR.

AT LOCATIONS WHERE FIELD VERIFICATION DETERMINES THE EXISTING UNDERDRAINS TO BE REMOVED ARE BELOW THE PROPOSED SOIL PROCESSING DEPTH, THEY SHALL BE PLUGGED BY THE CONTRACTOR AND ABANDONED IN PLACE AT THE DIRECTION OF THE RESIDENT ENGINEER. ALL UNDERDRAIN PLUGGING SHALL BE INCIDENTAL TO THE REMOVAL AND MEET THE APPROVAL OF THE RESIDENT ENGINEER. ONLY UNDERDRAIN PIPE REMOVED AND ACCEPTED BY THE RESIDENT ENGINEER WILL BE PAID PER LINEAR FOOT.

THIS ITEM WILL BE PAID FOR AT THE CONTRACT UNIT PRICE BID PER LINEAL FOOT OF UNDERDRAIN REMOVED. THE REMOVAL OF THE INSPECTION HOLES OR CLEAN OUT WILL BE CONSIDERED INCIDENTAL TO THE REMOVAL OF THE UNDERDRAIN AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. THIS PRICE WILL CONSTITUTE FULL COMPENSATION FOR THE REMOVAL AND DISPOSAL OF THE UNDERDRAIN AND INSPECTION HOLES AND EXCAVATING AND BACKFILLING FOR THE REMOVAL IN ACCORDANCE TO ITEM 705.

THE REMOVAL OF THE UNDERDRAIN AND INSPECTION HOLES WILL BE PAID FOR UNDER ITEM:
AR705900 - REMOVE UNDERDRAIN

705-UNDERDRAIN NOTES:

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

THIS ITEM OF WORK SHALL CONSIST OF FURNISHING AND INSTALLING 6" PERFORATED P.E. TUBING (WRAPPED) AND UNDERDRAIN INSPECTION HOLES AND CLEAN OUTS AT THE LOCATIONS AND TO THE GRADES SHOWN ON THE CONSTRUCTION PLANS.

PIPE DRAINS SHALL BE INSTALLED AT THE LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. THE PIPE SHALL BE BEDDED IN THE UNDERLYING MATERIAL TO A DEPTH NOT LESS THAN 10 PERCENT OF THE EXTERNAL DIAMETER OF THE PIPE, AND WHERE TRENCHING IS REQUIRED, THE TRENCH SHALL HAVE A WIDTH OF NOT LESS 12 IN. THE BOTTOM OF THE TRENCH SHALL BE COMPACTED IN A MANNER MEETING THE APPROVAL OF THE RESIDENT ENGINEER.

JOINTS AND FITTINGS MAY BE ASSEMBLED WITHOUT GASKETS OR SOLVENT CEMENT IF THE JOINT IS 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.

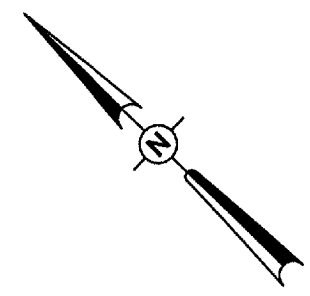
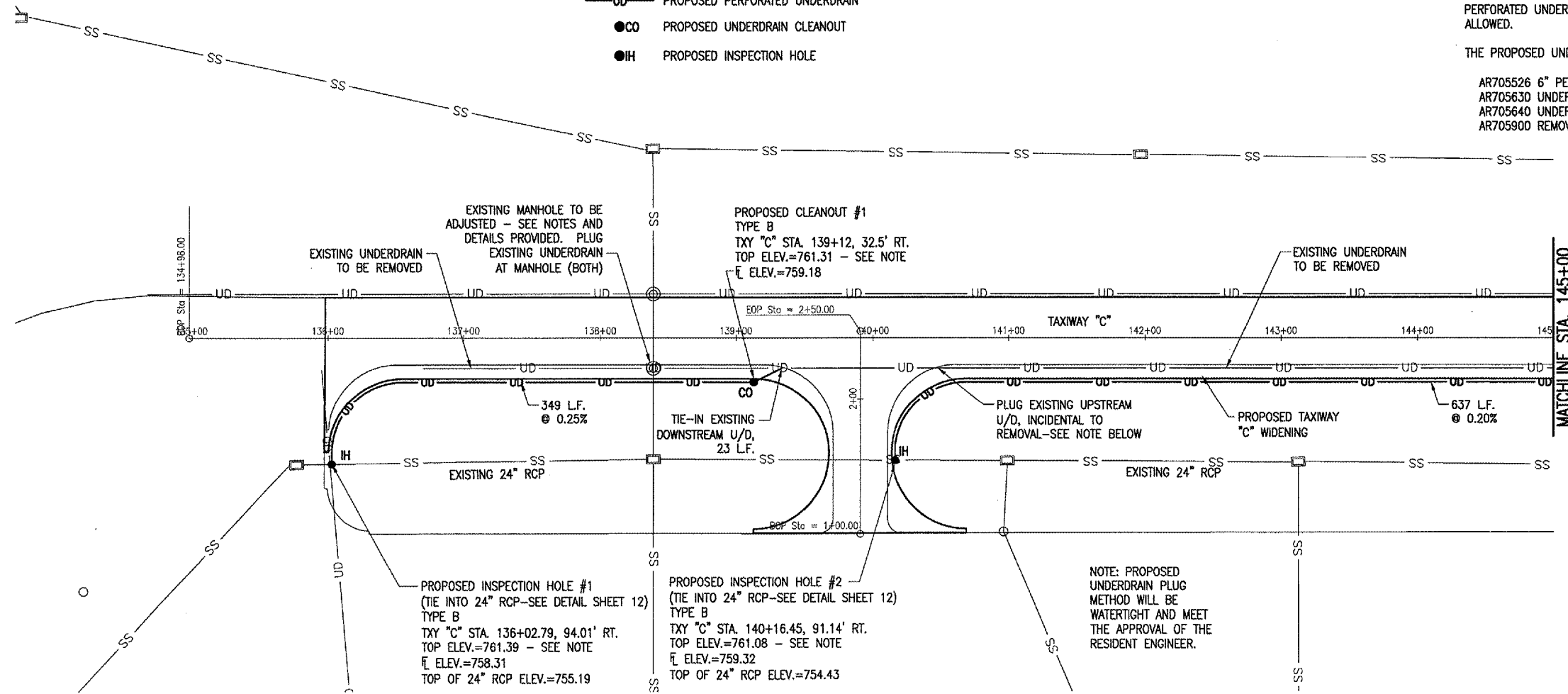
THE TRENCH SHALL BE BACKFILLED WITH CA-14 OR CA-16, IN ACCORDANCE WITH ITEM 705, AND CONSOLIDATED TO THE RESIDENT ENGINEER'S SATISFACTION. THE POROUS BACKFILL WILL BE CONSIDERED INCIDENTAL TO ITEM AR705526 - 6" PERFORATED UNDERDRAIN W/SOCK, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE PROPOSED UNDERDRAIN PIPE WILL BE PAID FOR UNDER ITEMS:

- AR705526 6" PERFORATED UNDERDRAIN W/SOCK
- AR705630 UNDERDRAIN INSPECTION HOLE
- AR705640 UNDERDRAIN CLEANOUT
- AR705900 REMOVE UNDERDRAIN

LEGEND

- EXISTING PAVEMENT
- PROPOSED IMPROVEMENTS
- EXISTING STORM SEWER
- EXISTING UNDERDRAIN
- EXISTING INLET
- EXISTING MANHOLE
- EXISTING UNDERDRAIN CLEANOUT
- EXISTING UNDERDRAIN CLEANOUT (TO BE REMOVED)
- PROPOSED PERFORATED UNDERDRAIN
- PROPOSED UNDERDRAIN CLEANOUT
- PROPOSED INSPECTION HOLE



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

BY	
REVISION	
DATE	
QUINCY REGIONAL AIRPORT BALDWIN FIELD ADAMS COUNTY, ILLINOIS	
A.I.P. PROJ.: 3-17-0085-B1 I.L. PROJ.: UIN-3690	

Heli Project No. 82407TXVD_0100 Filename R-131DRN.DWG Scale 1" = 50' Date 03/19/07	LAYOUT MLH 03/15/07 DRAWN ESC 03/19/07 REVIEWED JDW 03/19/07
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HANSON
 Hanson Professional Services Inc.
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 Offices Nationwide

REALIGN, WIDEN AND REHABILITATE TAXIWAY "C" - PHASE 2
 PROPOSED DRAINAGE PLAN
 STA. 134+98 TO STA. 145+00

MAY 09, 2007 2:07 PM MLH
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