

PROPOSED DRAINAGE STRUCTURES				
STRUCTURE	TYPE	STATION	OFFSET	BASELINE
IH-1	A	59+02	27.5' RT.	TAXIWAY "B"
IH-2	A	59+02	80' LT.	TAXIWAY "B"
IH-3	A	62+05	27.5' RT.	TAXIWAY "B"
IH-4	B	3+36.15	27.5' LT.	TAXIWAY "B4"
IH-5	B	3+17.20	27.5' RT.	TAXIWAY "B4"
IH-6	A	62+05	52' LT.	RUNWAY 17/35
IH-7	B	59+27	52' LT.	RUNWAY 17/35
IH-8	A	59+02	105' RT.	RUNWAY 17/35
INLET 1	A	3+00	77' RT.	TAXIWAY "B4"
INLET 2	A	3+49	65' LT.	TAXIWAY "B4"
FES		63+86	1' LT.	TAXIWAY "B"

QUANTITIES THIS SHEET			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
AR156540	RIP RAP	S.Y.	22
AR701515	15" RCP, CLASS IV	L.F.	156
AR701518	18" RCP, CLASS IV	L.F.	147
AR705410	POROUS BACKFILL	C.Y.	53
AR705526	6" PERFORATED UNDERDRAIN W/ SOCK	L.F.	2,133
AR705530	UNDERDRAIN INSPECTION HOLE	EACH	8
AR751411	INLET - TYPE A	EACH	2
AR752418	PRECAST REINFORCED CONC. FES 18"	EACH	1

**156540-RIPRAP NOTES:**

THE PROPOSED RIPRAP SHALL BE PLACED IN ACCORDANCE WITH ITEM AR156540 "RIPRAP" AS STATED ON PAGE 182 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

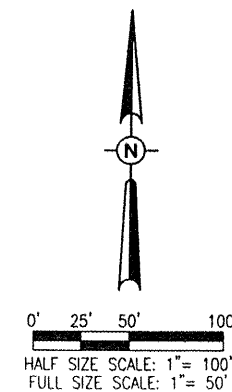
THE PROPOSED RIPRAP WILL BE GRADATION RR3 AND PLACED TO THE DIMENSIONS AS SHOWN ON THIS SHEET AND IN ACCORDANCE WITH THE SPECIAL PROVISIONS.

A FILTER FABRIC WILL BE REQUIRED UNDER THE STONE RIPRAP. THE FILTER FABRIC MATERIAL WILL BE IN ACCORDANCE WITH THE REQUIREMENTS AS STATED ON PAGE 183 FOR A GRADATION 4 & 5 RIPRAP STONE. THE FILTER FABRIC WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE RIPRAP AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE PROPOSED RIPRAP WILL BE PAID FOR UNDER ITEM: AR156540 RIPRAP PER S.Y.

**LEGEND**

- EXISTING IMPROVEMENTS
- PROPOSED IMPROVEMENTS
- EXISTING UNDERDRAIN
- EXISTING DRAINAGE PIPE
- EXISTING DRAINAGE DITCH
- EXISTING INSPECTION HOLE/CLEANOUT
- EXISTING INLET
- EXISTING HEADWALL
- EXISTING END SECTION
- PROPOSED UNDERDRAIN (6" PERF. PVC)
- PROPOSED DRAINAGE PIPE
- PROPOSED INSPECTION HOLE
- PROPOSED INLET
- PROPOSED PRECAST CONC. FES 18"



DATE	REVISION	BY

ST. LOUIS REGIONAL AIRPORT  
  
 EAST ALTON, ILLINOIS  
 A.I.P. PROJ.: 3-17-0002-B42  
 I.L. PROJ.: ALN-3825

HB Project No. 83706RWYD.0800	DATE	05/12/08
Element: R-131DRN.DWG	DATE	07/11/08
Scale: 1"=50'	DATE	05/11/08
Date: 05/12/08	DATE	07/11/08
LAYOUT	MOR	02/08/08
DRAWN	DPE	05/11/08
REVIEWED	CAH	07/11/08

Hanson Professional Services Inc.  
 1525 South Sixth Street  
 Springfield, Illinois 62702-2886  
 Offices Nationwide

RUNWAY SAFETY  
 AREA IMPROVEMENTS  
 PROPOSED  
 DRAINAGE PLAN  
 FOR RUNWAY END 35