

701 - RCP NOTES:

701-3.6 PIPE JOINTS, ADD THE FOLLOWING TO THIS SECTION:

*RUBBER GASKET JOINT SEALS OR BITUMINOUS MASTIC COMPOUND IS PERMITTED. IF BITUMINOUS MASTIC COMPOUND IS USED, IT WILL MEET THE FOLLOWING REQUIREMENTS:

MASTIC JOINT SEALER FOR PIPE, COLD-APPLIED BITUMINOUS SEALER FOR CULVERT AND SEWER PIPE JOINTS SHALL BE A BITUMINOUS MATERIAL OF SUCH CONSISTENCY THAT IT CAN BE APPLIED TO THE JOINTS WITH A TROWEL WHEN THE TEMPERATURE OF THE AIR IS BETWEEN 20° AND 100° F. THE BITUMINOUS MATERIAL SHALL ADHERE TO THE CONCRETE SO AS TO MAKE A WATER-TIGHT SEAL AND SHALL NOT FLOW, CRACK, OR BECOME BRITTLE WHEN EXPOSED TO THE ATMOSPHERE.

THE BITUMINOUS SEALER SHALL MEET THE FOLLOWING SPECIFIC REQUIREMENTS:

PENETRATION, 77F, 150 G., 5 SEC., WITH CONE	175_300
LOSS OF HEATING, 325F, 5 HR., 50 G., PERCENT	20 MAX.
INORGANIC CONTENT (COMPLETE BURN 1200° TO 1400° F) PERCENT	15 - 20
FLOW AT 140° F, CENTIMETERS	0
PLIABLE AT 0° F	YES

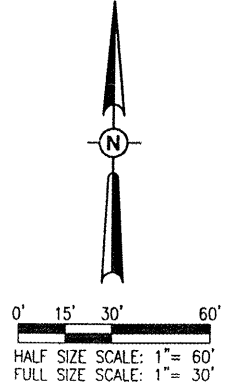
THE BITUMINOUS SEALER SHALL BE DELIVERED TO THE PROJECT IN SUITABLE CONTAINERS FOR HANDLING, AND SHALL BE SEALED OR OTHERWISE PROTECTED FROM CONTAMINATION. THE CONTAINER SHALL SHOW THE BRAND NAME, NET VOLUME, OR WEIGHT AND THE REQUIREMENTS FOR APPLICATION.

SR085

PROPOSED DRAINAGE STRUCTURES				
STRUCTURE	TYPE	STATION	OFFSET	BASELINE
IH-9	A	-2+19	52' LT.	RUNWAY 17-35
IH-10	A	0+51	87' LT.	TAXIWAY C1
IH-11	A	4+00	72' LT.	TAXIWAY C1
IH-12	A	4+10	27' LT.	TAXIWAY C1
INLET 3	A	-4+50	152' RT.	RUNWAY 17-35
INLET 4	A	-2+07	159' RT.	RUNWAY 17-35
MH-1		1+56	27' RT.	TAXIWAY C1
MH-2		1+68	27' RT.	TAXIWAY C1

QUANTITIES THIS SHEET			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
AR701512	12" RCP, CLASS IV	L.F.	243
AR705410	POROUS BACKFILL	C.Y.	21
AR705526	6" PERFORATED UNDERDRAIN W/ SOCK	L.F.	863
AR705530	UNDERDRAIN INSPECTION HOLE	EACH	4
AR751411	INLET - TYPE A	EACH	2
AR751540	MANHOLE 4'	EACH	2

- LEGEND**
- EXISTING IMPROVEMENTS
 - PROPOSED IMPROVEMENTS
 - EXISTING STORM SEWER
 - EXISTING UNDERDRAIN
 - EXISTING INSPECTION HOLE/CLEANOUT
 - EXISTING INLET
 - EXISTING MANHOLE
 - PROPOSED STORM SEWER
 - PROPOSED UNDERDRAIN (6" PERF. PVC)
 - PROPOSED INSPECTION HOLE
 - PROPOSED MANHOLE
 - PROPOSED INLET



<p>ST. LOUIS REGIONAL AIRPORT</p> <p>EAST ALTON, ILLINOIS</p>	<p>IL Project No. 83706RWYD 0800 Filename: R-131DRN.DWG Scale: 1"=30' Date: 02/08/08</p>	<p>02/08/08 02/08/08 07/11/08</p>	<p>02/08/08 02/08/08 07/11/08</p>	<p>CAH CAH CAH</p>	<p>IL PROJ.: ALN-3825 A.I.P. PROJ.: 3-17-0002-B42</p>
<p>Hanson Professional Services Inc. 1525 South Sixth Street Springfield, Illinois 62703-2886 Offices Nationwide</p>					
<p>RUNWAY SAFETY AREA IMPROVEMENTS</p> <p>PROPOSED DRAINAGE PLAN FOR RUNWAY END 17</p>					
10					
10 of 81 sheets					