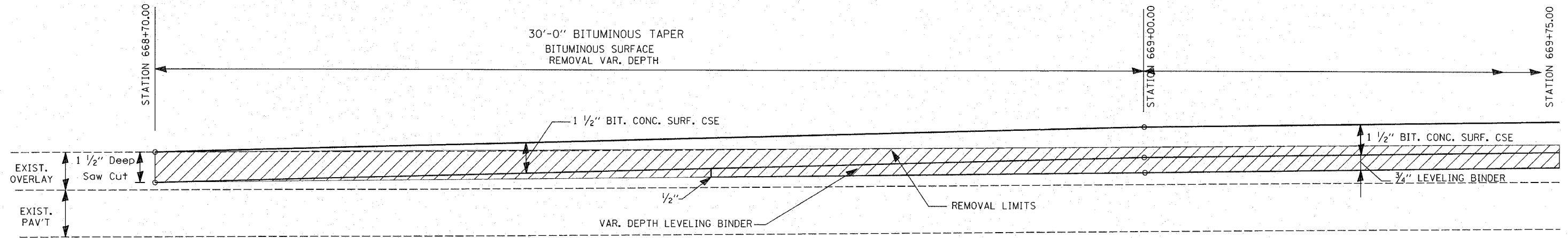


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DESIGNED AMPH/GJM	CHECKED GJM	DRAWN AMPH	CHECKED GJM	FILE NUMBER 136.111	F.A. RTE. 646	SECTION 102 BR-2	COUNTY WHITESIDE	TOTAL SHEETS 69	SHEET NO. 7
RANDOLPH & ASSOCIATES, INC. 131 N. FARMER PARKWAY, PEORIA, IL 61615-2124 TEL. 309-693-8844 • FAX 309-693-8885 • 1-800-851-1021 WWW.RANDOLPH-ASSOCIATES.COM CONSULTING ENGINEERS & LAND SURVEYORS				DATE AUG 2005	STA. 668+70.00	TO STA. 669+00.00	FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT		

CONTRACT NO. 64427



TAPER DETAIL
STA. 668+70.00 TO STA. 669+00.00

THE FOLLOWING RATES OF APPLICATION
HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

RATE OF APPLICATION	
BITUMINOUS Bituminous Surface Course	112 LB/SQ YD IN
Bituminous Conc. Binder	112 LB/SQ YD IN
Conversion	.056 T/SQ YD IN
BITUMINOUS MATERIALS (PRIME COAT)	
On Existing Pavement	.05 GAL/SQ YD
Fog Coat on New Binder	.03 GAL/SQ YD
Conversion	.004 TONS = 1 GAL
AGGREGATE (PRIME COAT)	
On Existing Pavement	4 LB/SQ YD
Fog Coat on New Binder	2 LB/SQ YD

PROPOSED
TYPICAL SECTIONS
IL 40 OVER GREEN RIVER
F.A.P. RTE 646 (IL RTE 40) SECTION 102 BR-2
WHITESIDE COUNTY