

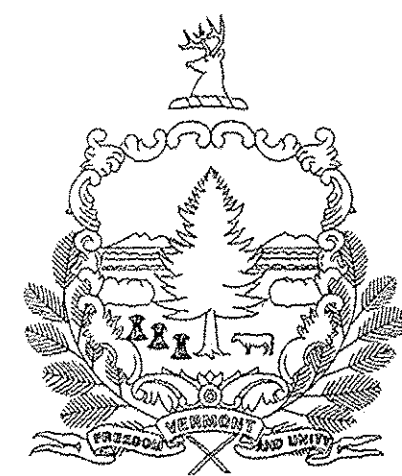
**INDEX OF SHEETS**

1	TITLE SHEET	
2	QUANTITY SHEET	QS-1
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**VAOT STANDARDS**

E-100	CONSTRUCTION APPROACH SIGNS	01/02/2004
E-100A	SIDEROAD CONSTRUCTION - APPROACH SIGNS	01/02/2004
E-101	CONSTRUCTION SIGN DETAILS	05/30/2003
E-102	CONSTRUCTION SIGN DETAILS	06/30/2003
E-102A	CONSTRUCTION SIGN DETAILS	05/01/2004
E-103	MAINLINE TRAFFIC CONTROL DIVIDED HIGHWAY ONE LANE CLOSED	03/01/2004
E-106	TRAFFIC CONTROL - MISCELLANEOUS DETAILS	03/01/2004
E-107	DELINEATION, BARRICADES AND DETOURS FOR CONSTRUCTION AREAS	06/30/2003
E-107A	BREAKAWAY BARRICADE DETAILS	06/08/2009
E-110	MAJOR MAINTENANCE OPERATION LANE CLOSURE	08/08/1995
E-111	MINOR MAINTENANCE OPERATIONS	03/11/1997
E-121	STANDARD SIGN PLACEMENT CONVENTIONAL ROAD	08/08/1995
E-144	REGULATORY SIGN DETAILS	03/29/1999
E-171A	TRAFFIC CONTROL SIGNALS GENERAL GENERAL NOTES AND DETAILS	08/09/1995
E-171B	TRAFFIC CONTROL SIGNALS MISC. DETAILS	08/09/1995
E-173	PULL BOXES AND JUNCTION BOXES	08/09/1995
E-175	POWER DROP STANCHIONS	06/08/2009
E-180A	STREET LIGHTING DETAILS	08/09/1995
E-180B	STREET LIGHTING DETAILS	08/09/1995

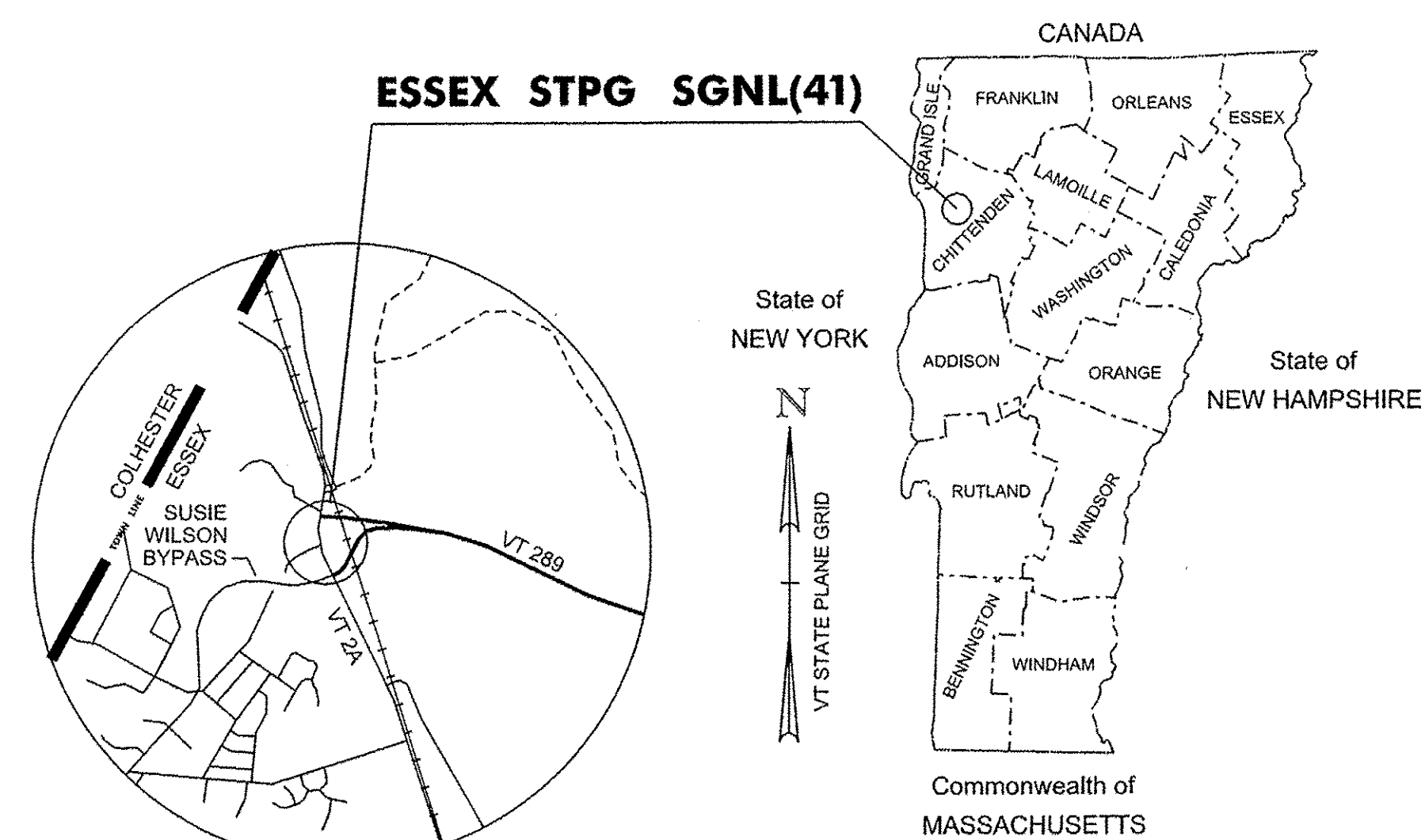
STATE OF VERMONT  
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT  
SIGNAL PROJECT  
TOWN OF ESSEX  
COUNTY OF CHITTENDEN

PROJECT LOCATION: PROJECT LOCATED IN THE TOWN OF ESSEX AT THE INTERSECTION OF VT 2A, VT 289 EB ON-RAMP AND SUSIE WILSON BYPASS (APPROXIMATE MM 2.525) AND AT THE INTERSECTION OF VT 2A AND VT 289 WB OFF-RAMP (APPROXIMATE MM 2.740).

PROJECT DESCRIPTION: THIS PROJECT CONSISTS OF NEW CONTROLLER CABINETS, NEW CONTROLLERS WITH ADAPTIVE TRAFFIC CONTROL (ATC) CAPABILITY, INTERNET/INTRANET CONNECTION, REARRANGEMENT OF SIGNAL HEADS, NEW LED LENSES, VIDEO DETECTION AND RADIO INTERCONNECT.



**RECORD PLANS**

CONTRACTOR: ENGINEERS CONSTRUCTION, INC.- SO. BURLINGTON, VT

RESIDENT ENGINEER: DAVE HOSKING

CONSTRUCTION BEGAN: NOVEMBER 12, 2012

CONSTRUCTION COMPLETE: APRIL 12, 2013

RECORD PLANS BY: DAVE HOSKING & JENNA HYDE

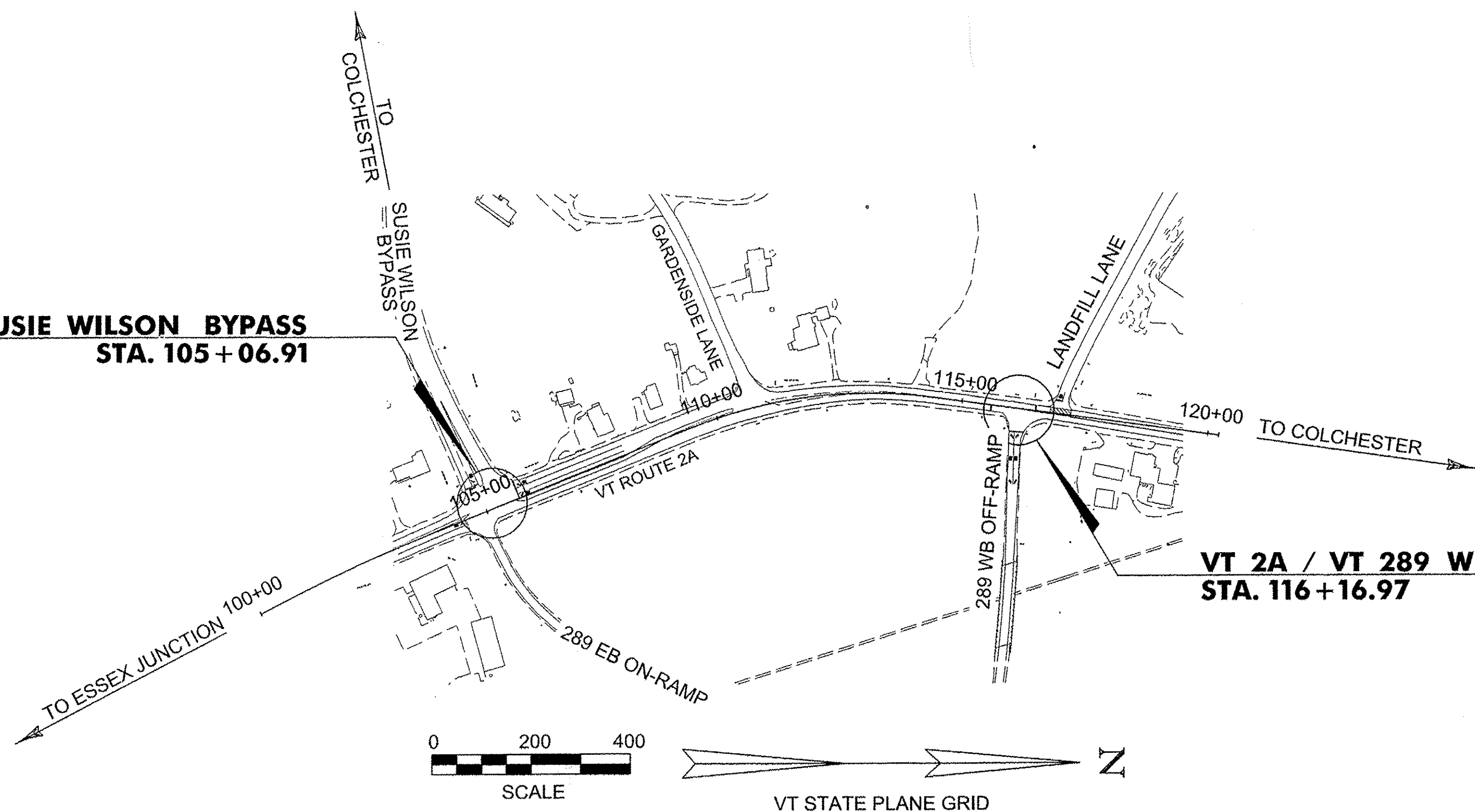
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.

BY *Dave Hosking* RESIDENT ENGINEER

DATE 12-18-13

NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found at Central Files in the electronic archives.

VT 2A / VT 289 EB ON-RAMP / SUSIE WILSON BYPASS  
STA. 105 + 06.91



VT 2A / VT 289 WB OFF-RAMP  
STA. 116 + 16.97

**TRAFFIC DATA**

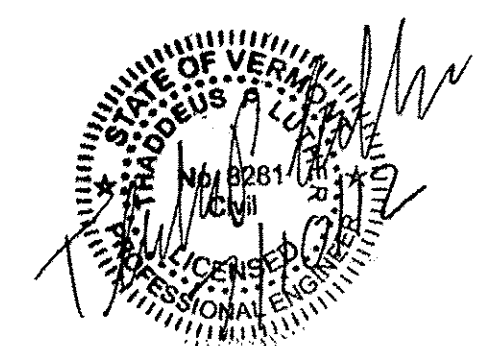
2012 AADT = 15,800
2012 DHV = 1,691
2032 AADT = 16,500
2032 DHV = 1,719
D = 87%
T = 3.6
V = 45 MPH
POSTED SPEED LIMIT = 40 MPH

QUALITY ASSURANCE PROGRAM: LEVEL 2

**CONVENTIONAL SYMBOLS**

COUNTY LINE	— — — — —
TOWN LINE	— — — — —
LIMITS OF ACCESS	— — — — —
POINT OF ACCESS	X
FENCE LINE	X — — — — — X
STONE WALL	— — — — —
TRAVELED WAY	— — — — —
GUARD RAIL	— — — — —
RAILROAD	— — — — —
SURVEY LINE	— — — — —
CULVERT	— — — — —
POWER POLE	⊕
TELEPHONE POLE	⊕
TREES	⊕
CONTROL OF ACCESS	— — — — —
PROPERTY LINE	— — — — —
R.O.W. TAKING LINE	— — — — —
SLOPE RIGHTS	— — — — —
TOP OF CUT	— — — — —
TOE OF SLOPE	— — — — —

SURVEYED BY :	TVGA/VSE
SURVEYED DATE :	APRIL 2003
DATUM	
VERTICAL	NAD 83
HORIZONTAL	NAVD 88



THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROGRAM DEVELOPMENT.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 201 1, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JULY 20, 201 1 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

DIRECTOR OF PROGRAM DEVELOPMENT	APPROVED <i>Paul D. Johnson</i> DATE 1-18-12
PROJECT MANAGER :	JOSHUA SCHULTZ
PROJECT NAME :	ESSEX
PROJECT NUMBER :	STPG SGNL(41)
SHEET 1 OF 9 SHEETS	