F.H.W.A. REGION NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
I	CONN.							

BILLS OF MATERIAL FOR VARIOUS LANE WIDTHS-8" & 9" PAVEMENT

SECTION 40'-0" x 11'-0"			
MARK	NUMBER	LENGTH	WEIGHT
L W I	66	14'-0"	169.83
T W I	42	10'-6"	59.71
TOTAL-LBS.			229.54
LBS. PER 100 SQ.FT. OF PAVEMENT			52.17
SPACING BETWEEN LONGITUDINAL WIRES			
SECTIONS	A	B	
SPACES	1 AT 5"	19 AT 6"	
WIDTH OF REINFORCEMENT SHEET			10'-6"

SECTION 40'-0" x 12'-0"			
MARK	NUMBER	LENGTH	WEIGHT
L W I	72	14'-0"	185.27
T W I	42	11'-6"	65.40
TOTAL-LBS.			250.67
LBS. PER 100 SQ.FT. OF PAVEMENT			52.22
SPACING BETWEEN LONGITUDINAL WIRES			
SECTIONS	A	B	
SPACES	1 AT 5"	21 AT 6"	
WIDTH OF REINFORCEMENT SHEET			11'-6"

SECTION 40'-0" x 14'-0"			
MARK	NUMBER	LENGTH	WEIGHT
L W I	84	14'-0"	216.15
T W I	42	13'-6"	76.77
TOTAL-LBS.			292.92
LBS. PER 100 SQ.FT. OF PAVEMENT			52.31
SPACING BETWEEN LONGITUDINAL WIRES			
SECTIONS	A	B	
SPACES	1 AT 5"	25 AT 6"	
WIDTH OF REINFORCEMENT SHEET			13'-6"

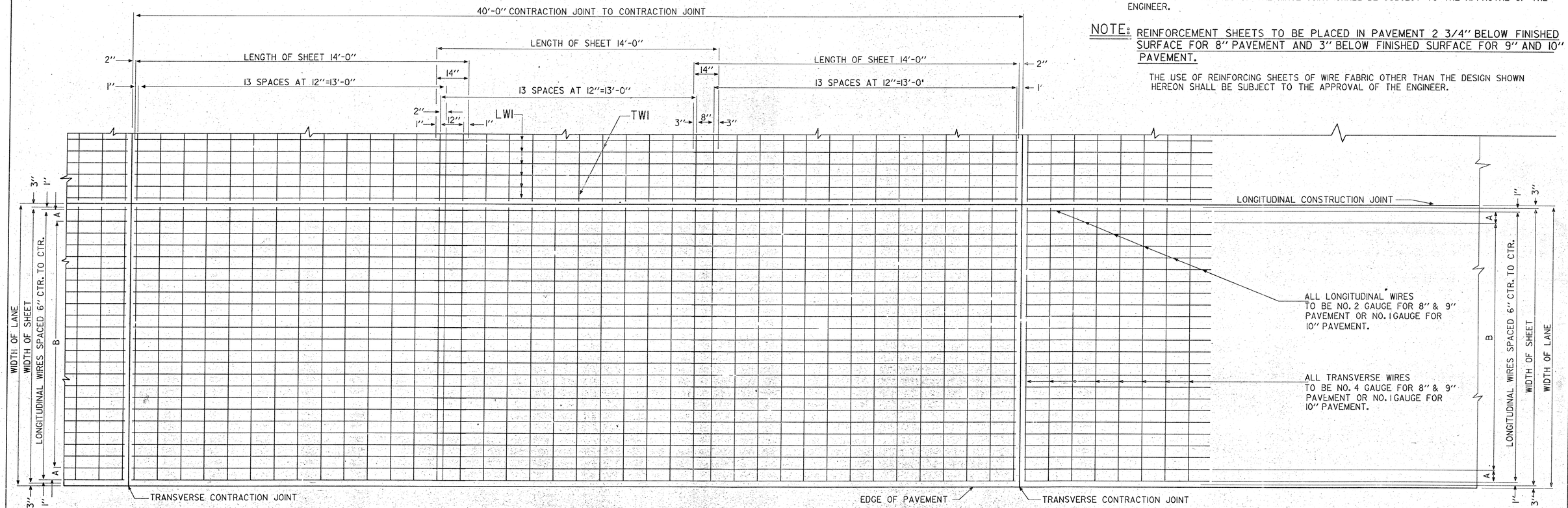
STEEL FABRIC SHALL CONSIST OF SHEETS CONFORMING TO THE REQUIREMENTS OF AASHTO M55 FOR COLD DRAWN STEEL WIRE OR AASHTO M221 FOR DEFORMED WIRE FOR CONCRETE REINFORCEMENT. THE WIRES SHALL BE RIDGIDLY WELDED AT ALL INTERSECTIONS AND SHALL MEET THE FOLLOWING REQUIREMENTS:

WIRE GAUGE NO.	DIA.	AREA CROSS SECTION	WEIGHT I FOOT
1	0.2830	0.0629 SQ. INS.	0.2136 LB.
2	0.2625	0.0541 SQ. INS.	0.1838 LB.
4	0.2253	0.0398 SQ. INS.	0.1354 LB.

REINFORCEMENT MAY BE FURNISHED WITH A HINGED JOINT. THE SPACING OF THE LONGITUDINAL MEMBERS AFFECTED BY THE HINGE MAY VARY NOT MORE THAN ONE(1) INCH FROM THE SPACING SHOWN ON THIS DRAWING. THE HINGE SHALL BE PLACED PARALLEL TO THE ℄. THE TYPE AND DETAILS OF THE HINGE JOINT SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

NOTE: REINFORCEMENT SHEETS TO BE PLACED IN PAVEMENT 2 3/4" BELOW FINISHED SURFACE FOR 8" PAVEMENT AND 3" BELOW FINISHED SURFACE FOR 9" AND 10" PAVEMENT.

THE USE OF REINFORCING SHEETS OF WIRE FABRIC OTHER THAN THE DESIGN SHOWN HEREON SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.



PLAN SHOWING REINFORCING IN TOP OF PAVEMENT

BILLS OF MATERIAL FOR VARIOUS LANE WIDTHS-10" PAVEMENT

SECTION 40'-0" x 11'-0"			
MARK	NUMBER	LENGTH	WEIGHT
L W I	66	14'-0"	197.37
T W I	42	10'-6"	94.20
TOTAL-LBS.			291.57
LBS. PER 100 SQ.FT. OF PAVEMENT			66.27
SPACING BETWEEN LONGITUDINAL WIRES			
SECTIONS	A	B	
SPACES	1 AT 5"	19 AT 6"	
WIDTH OF REINFORCEMENT SHEET			10'-6"

SECTION 40'-0" x 12'-0"			
MARK	NUMBER	LENGTH	WEIGHT
L W I	72	14'-0"	215.31
T W I	42	11'-6"	103.17
TOTAL-LBS.			318.48
LBS. PER 100 SQ.FT. OF PAVEMENT			66.35
SPACING BETWEEN LONGITUDINAL WIRES			
SECTIONS	A	B	
SPACES	1 AT 5"	21 AT 6"	
WIDTH OF REINFORCEMENT SHEET			11'-6"

SECTION 40'-0" x 14'-0"			
MARK	NUMBER	LENGTH	WEIGHT
L W I	84	14'-0"	251.19
T W I	42	13'-6"	121.11
TOTAL-LBS.			372.30
LBS. PER 100 SQ.FT. OF PAVEMENT			66.48
SPACING BETWEEN LONGITUDINAL WIRES			
SECTIONS	A	B	
SPACES	1 AT 5"	25 AT 6"	
WIDTH OF REINFORCEMENT SHEET			13'-6"

DETAILS OF FABRIC REINFORCEMENT

MANUAL REVISIONS TO THIS DOCUMENT ARE PROHIBITED. ALL REVISIONS MUST BE PERFORMED ON
Cadd Files 05A2d200,200140B.DGN

CONNECTICUT D.O.T. COMPUTER AIDED DESIGN OFFICE OF ENGINEERING

STANDARD SHEET
CONN. DEPT. OF TRANSPORTATION

FABRIC REINFORCEMENT FOR CONCRETE PAVEMENT

REVISIONS		
NO.	DATE	DESCRIPTION

Designed by: Date:
Drafted by: R. N. BAROUTJIAN Date: 12/20/88
Reviewed by: T. McMAHON Date: 12/20/88
Approval Rec'd: Date: 1-24-89
Approved: Date: 8-15-90
F.H.W.A. Approvals: Date: 9/10/90

Scale: NOT TO SCALE

STANDARD NUMBER
401-B