

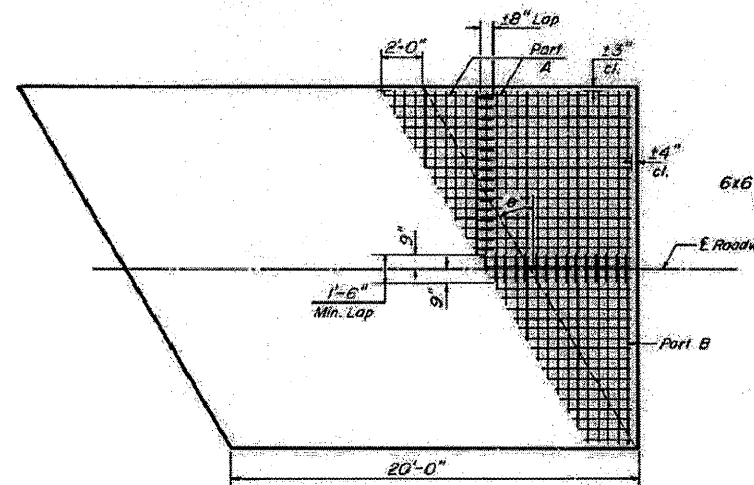
Note: The notation for the number of bars given as "4 x 2" indicates 4 lines of bars with 2 lengths per line. Min. bar lap = 1'-3"

Skew Angle Degrees	Bottom Reinforcement				Top Reinforcement				Reinforcement (Total Weight) (Pounds)	Slab Area (Sq.Yds.)	6x6-W5.5xW5.5 W.W.F.	
	Transverse #5		Longitudinal #7		Transverse #4		Longitudinal #4				Dimensions L(ft)xW(ft)	Area* (Sq.Yds.)
18'-0" PAVEMENT												
0	20	17'-6"			6	17'-6"			2300	40.0		
5	20	17'-7"			6	17'-7"			2302	41.6		
10	20	17'-9"			6	17'-9"			2306	43.2	7'-0" x 9'-6"	7.4
15	20	18'-1"			5	18'-1"			2303	44.8	8'-6" x 9'-6"	9.0
20	19	18'-8"			5	18'-8"			2297	46.6	10'-6" x 9'-6"	11.1
25	18	19'-4"			6	19'-4"			2292	48.4	12'-3" x 9'-6"	12.9
30	18	20'-3"			5	20'-3"			2313	50.4	14'-3" x 9'-6"	15.0
35	17	21'-4"			5	21'-4"			2315	52.6	16'-6" x 9'-6"	17.4
40	16	22'-10"			4	22'-10"			2307	55.1	19'-0" x 9'-6"	20.1
45	14	24'-9"			4	24'-9"			2293	58.0	21'-9" x 9'-6"	23.0
50	13	27'-3"			4	27'-3"			2308	61.8	25'-6" x 9'-6"	26.9
55	12x2	15'-9"			3x2	15'-9"			2322	65.7	29'-9" x 9'-6"	31.4
60	10x2	18'-0"			3x2	18'-0"			2313	71.2	35'-3" x 9'-6"	37.2
24'-0" PAVEMENT												
0	20	23'-6"			6	23'-6"			3019	53.3		
5	20	23'-7"			6	23'-7"			3021	56.1		
10	20	23'-10"			6	23'-10"			3028	58.9	8'-0" x 12'-6"	11.1
15	20	24'-4"			5	24'-4"			3024	61.9	10'-3" x 12'-6"	14.2
20	19	25'-0"			5	25'-0"			3014	64.9	12'-6" x 12'-6"	17.4
25	18	24'-11"			5	25'-11"			3008	68.2	15'-0" x 12'-6"	20.8
30	18	27'-2"			5	27'-2"			3036	71.8	17'-9" x 12'-6"	24.7
35	17	28'-8"			5	28'-8"			3039	75.7	20'-9" x 12'-6"	28.8
40	16x2	16'-0"			4x2	16'-0"			3055	80.2	24'-0" x 12'-6"	33.3
45	14x2	17'-3"			4x2	17'-3"			3031	85.3	27'-6" x 12'-6"	38.2
50	13x2	18'-10"			4x2	18'-10"			3046	91.4	32'-9" x 12'-6"	45.5
55	12x2	21'-1"			3x2	21'-1"			3047	99.0	38'-3" x 12'-6"	53.1
60	10x2	24'-0"			3x2	24'-0"			3032	108.7	45'-6" x 12'-6"	63.2

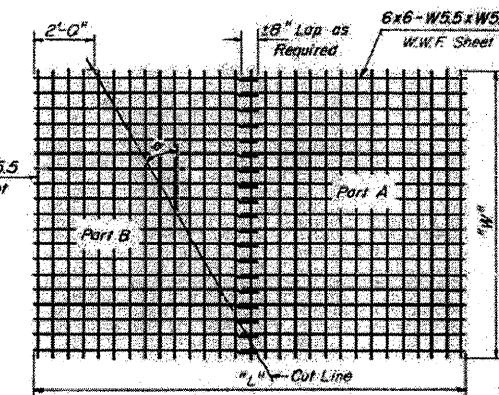
*Area does not include 8" longitudinal laps.
W.W.F. = Welded Wire Fabric

Skew Angle Degrees	Bottom Reinforcement				Top Reinforcement				Reinforcement (Total Weight) (Pounds)	Slab Area (Sq.Yds.)	6x6-W5.5xW5.5 W.W.F.	
	Transverse #5		Longitudinal #7		Transverse #4		Longitudinal #4				Dimensions L(ft)xW(ft)	Area* (Sq.Yds.)
26'-0" PAVEMENT												
0	20	25'-6"			6	25'-6"			3238	57.8		
5	20	25'-7"			6	25'-7"			3240	61.1		
10	20	25'-11"			6	25'-11"			3249	64.4	9'-6" x 13'-6"	12.8
15	20	26'-5"			5	26'-5"			3243	67.8	11'-0" x 13'-6"	16.9
20	19	27'-2"			5	27'-2"			3233	71.4	13'-6" x 13'-6"	20.3
25	18	28'-2"			5	28'-2"			3227	75.3	16'-3" x 13'-6"	24.4
30	18x2	15'-3"			5x2	15'-3"			3278	79.5	19'-0" x 13'-6"	28.5
35	17x2	16'-1"			5x2	16'-1"			3282	84.1	22'-3" x 13'-6"	33.4
40	16x2	17'-2"			4x2	17'-2"			3269	89.3	25'-9" x 13'-6"	38.6
45	14x2	18'-6"			4x2	18'-6"			3243	95.3	30'-0" x 13'-6"	45.0
50	13x2	20'-4"			4x2	20'-4"			3264	102.5	35'-0" x 13'-6"	52.5
55	12x2	22'-0"			3x2	22'-0"			3265	111.4	41'-3" x 13'-6"	61.9
60	10x2	26'-0"			3x2	26'-0"			3251	122.8	49'-0" x 13'-6"	73.5
36'-0" PAVEMENT												
0	20x2	18'-3"			6x2	18'-3"			4471	80.0		
5	20x2	18'-4"			6x2	18'-4"			4475	86.3		
10	20x2	18'-6"			6x2	18'-6"			4483	92.7	10'-0" x 18'-6"	20.6
15	20x2	18'-10"			5x2	18'-10"			4475	99.3	13'-6" x 18'-6"	27.7
20	19x2	19'-5"			5x2	19'-5"			4462	106.2	17'-0" x 18'-6"	34.9
25	18x2	20'-2"			5x2	20'-2"			4455	113.6	20'-6" x 18'-6"	42.1
30	18x2	21'-0"			5x2	21'-0"			4492	121.6	24'-9" x 18'-6"	50.8
35	17x2	22'-3"			5x2	22'-3"			4501	130.4	29'-0" x 18'-6"	59.6
40	16x2	23'-9"			4x2	23'-9"			4483	140.4	33'-9" x 18'-6"	69.4
45	14x2	25'-8"			4x2	25'-8"			4450	152.0	39'-6" x 18'-6"	81.2
50	13x2	28'-2"			4x2	28'-2"			4477	165.8	46'-6" x 18'-6"	95.6
55	12x3	21'-4"			3x3	21'-4"			4492	182.8	55'-0" x 18'-6"	113.0
60	10x3	24'-4"			3x3	24'-4"			4471	204.7	65'-9" x 18'-6"	135.1

*Area does not include 8" longitudinal laps.



PLACEMENT OF 6x6-W5.5xW5.5 W.W.F.
W.W.F. only required on skews $\geq 10^\circ$



CUTTING DIAGRAM

FOR INFORMATION ONLY
1986 Bridge Approach Pavement
Standard 2382-2 (Sheet 2 of 2)

BRIDGE APPROACH PAVEMENT

Sheet 2 of 2
STANDARD 2382-2

Illinois Department of Transportation

APPROVED Mar. 10 1986
James J. Reardon
Engineer of Bridges and Structures

APPROVED Mar. 10 1986
[Signature]
Engineer of Design

DESIGNED John Uehle	EXAMINED _____	DATE _____
CHECKED Brad Williams	ENGINEER OF STRUCTURAL SERVICES	
DRAWN John Uehle	PASSED _____	
CHECKED Brad Williams	ENGINEER OF BRIDGES AND STRUCTURES	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FOR INFORMATION SHEET (STANDARD 2382-2 SHEET 2)
STRUCTURE NO. 060-0027 & 0028
SHEET NO. 8 OF 8 SHEETS

F.A.I. RTE. TO	SECTION 60-11B-I	COUNTY MADISON	TOTAL SHEETS 10	SHEET NO. 10
CONTRACT NO. 76E25			ILLINOIS FED. AID PROJECT	