

**ATTACHMENT 35 – Mn/DOT CONCRETE CORE TESTING OF BRIDGE DECK
DATED AUGUST 23, 2007
(3 pages)**

MN/DOT - I-35W over Mississippi River
Bridge No. 9340

DECK THICKNESS
(based on Concrete Core Testing)

Core (Span No.-Sample)	SB/NB Rdwy	Ref. Location	Dist. from Ref. (ft)	Dist. from Median (ft)	Deck Thickness (in)	Redecking Status at Core Location	Lane	Avg. Thickness (in)
South Approach	5A	SB	South of Cross Girder	58	41	9	New overlay completed	1
	5B	SB	South of Cross Girder	58	21	7.125	Existing overlay milled, no new overlay in place	2
	5C	NB	South of Cross Girder	58	14	8.75	Existing overlay in place	3
	5D	NB	South of Cross Girder	58	38	8.5	New overlay completed	4
6D	SB	North of Joint at U0	51	38	9.25	New overlay completed	1	8.85
6E	SB	North of Joint at U0	81	30.25	9.375	New overlay completed	1	
6G	SB	North of Joint at U0	130.5	30	9.5	New overlay completed	1	
7A	SB	South of Joint at Pier 7	18	47	8.375	New overlay completed	1	
7H	SB	North of Joint at U14	92	27	8.875	New overlay completed	1	
7L	SB	North of Joint at U14	68	28	8.625	New overlay completed	1	
7Q	SB	North of Joint at U14	25	30	9	New overlay completed	1	
8A	SB	South of FT4	76	30	8.25	New overlay completed	1	
8C	SB	South of FT4	24	30	8.875	New overlay completed	1	
8E	SB	North of FT4	12	41	8.75	New overlay completed	1	
8G	SB	North of FT4	47	38	8.5	New overlay completed	1	
6C	SB	North of Joint at U0	51	8	8.75	Existing overlay milled, no new overlay in place	2	6.98
6F	SB	North of Joint at U0	81	7.5	7.125	Existing overlay milled, no new overlay in place	2	
6H	SB	North of Joint at U0	130.5	10.5	7.25	Existing overlay milled, no new overlay in place	2	
6R	SB	North of Joint at U0	209.5	8	7.125	Existing overlay milled, no new overlay in place	2	
6S	SB	North of Joint at U0	161.5	8	6.75	Existing overlay milled, no new overlay in place	2	
7B	SB	South of Joint at Pier 7	18	7	6.25	Existing overlay milled, no new overlay in place	2	
7F	SB	South of Joint at Pier 7	57	7	7.125	Existing overlay milled, no new overlay in place	2	
7I	SB	North of Joint at U14	106	4	6.5	Existing overlay milled, no new overlay in place	2	
7M	SB	North of Joint at U14	67	12	7	Existing overlay milled, no new overlay in place	2	
7R	SB	North of Joint at U14	25	14	7.25	Existing overlay milled, no new overlay in place	2	
7U	SB	South of Joint at U14	18	14	6.75	Existing overlay milled, no new overlay in place	2	
7V	SB	South of Joint at U15	59	9	6.625	Existing overlay milled, no new overlay in place	2	
8B	SB	South of FT4	76	8	7	Existing overlay milled, no new overlay in place	2	
8D	SB	South of FT4	24	8	6.75	Existing overlay milled, no new overlay in place	2	
8F	SB	North of FT4	13	22	6.75	Existing overlay milled, no new overlay in place	2	
8H	SB	North of FT4	49	18	6.75	Existing overlay milled, no new overlay in place	2	

Deck Truss Spans	6B	NB	North of Joint at U0	45	13	9	Existing overlay in place	3	8.69	
	6I	NB	North of Joint at U0	92	8.25	8.5	Existing overlay in place	3		
	6K	NB	North of Joint at U0	129.5	2.67	9.25	Existing overlay in place	3		
	6P	NB	North of Joint at U0	209.5	17	9	Existing overlay in place	3		
	6Q	NB	North of Joint at U0	209.5	17	8.25	Existing overlay in place	3		
	7C	NB	South of Joint at Pier 7	18	12	9.125	Existing overlay in place	3		
	7E	NB	South of Joint at Pier 7	57	30	9.25	Existing overlay in place	3		
	7J	NB	North of Joint at U14	104	12	9	Existing overlay in place	3		
	7N	NB	North of Joint at U14	65	14	8.5	Existing overlay in place	3		
	7S	NB	North of Joint at U14	28	11	8.25	Existing overlay in place	3		
	7W	NB	South of Joint at U14	6	4	8.75	Existing overlay in place	3		
	7Y	NB	South of Joint at U14	59	9	8.5	Existing overlay in place	3		
	8I	NB	South of FT4	76	8	8.125	Existing overlay in place	3		
	8K	NB	South of FT4	18	11	8.375	Existing overlay in place	3		
	8M	NB	North of FT4	10	10	8.125	Existing overlay in place	3		
	8P	NB	North of FT4	42	5	9	Existing overlay in place	3		
	6A	NB	North of Joint at U0	45	40.67	9	New overlay completed	4		8.79
	6J	NB	North of Joint at U0	92	44	9.375	New overlay completed	4		
	6L	NB	North of Joint at U0	129.5	44.33	8.5	New overlay completed	4		
	6M	NB	North of Joint at U0	161.5	46	9.5	New overlay completed	4		
6N	NB	North of Joint at U0	161.5	47	8	New overlay completed	4			
7D	NB	South of Joint at Pier 7	5	37	8.25	New overlay completed	4			
7G	NB	South of Joint at Pier 7	50	35	8.25	New overlay completed	4			
7K	NB	North of Joint at U14	88	29	9	New overlay completed	4			
7P1	NB	North of Joint at U14	65	30	9	New overlay completed	4			
7P2	NB	North of Joint at U14	60	31	9	New overlay completed	4			
7T	NB	North of Joint at U14	28	30	8.875	New overlay completed	4			
7X	NB	South of Joint at U14	6	30	8.5	New overlay completed	4			
7Z	NB	South of Joint at U14	47	29	9	New overlay completed	4			
8J	NB	South of FT4	71	45	8	New overlay completed	4			
8L	NB	South of FT4	19	46	8.25	New overlay completed	4			
8N	NB	North of FT4	15	45	9.375	New overlay completed	4			
8Q	NB	North of FT4	39	41	9.5	New overlay completed	4			
North Approach	9A	NB	North of Cross Girder	25	16	8	Existing overlay in place	3		
	9B	NB	North of Cross Girder	25	37	9.5	New overlay completed	4		
	9C	SB	North of Cross Girder	50	14	7	Existing overlay milled, no new overlay in place	2		
	9D	SB	North of Cross Girder	50	35	8	New overlay completed	1		

- Lane 1: SB outside half
- Lane 2: SB inside half
- Lane 3: NB inside half
- Lane 4: NB outside half