

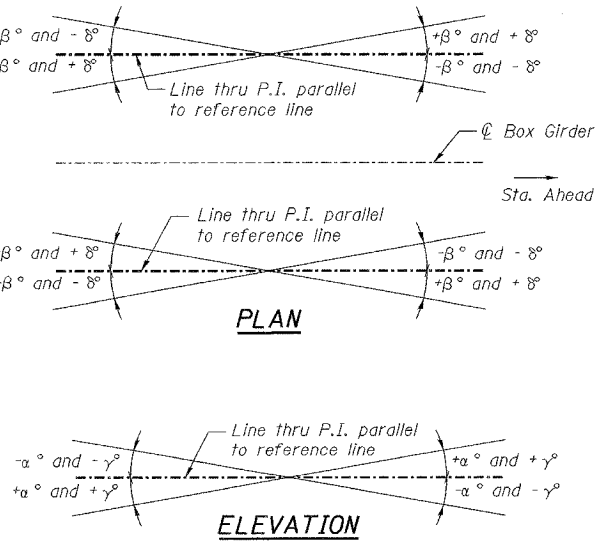
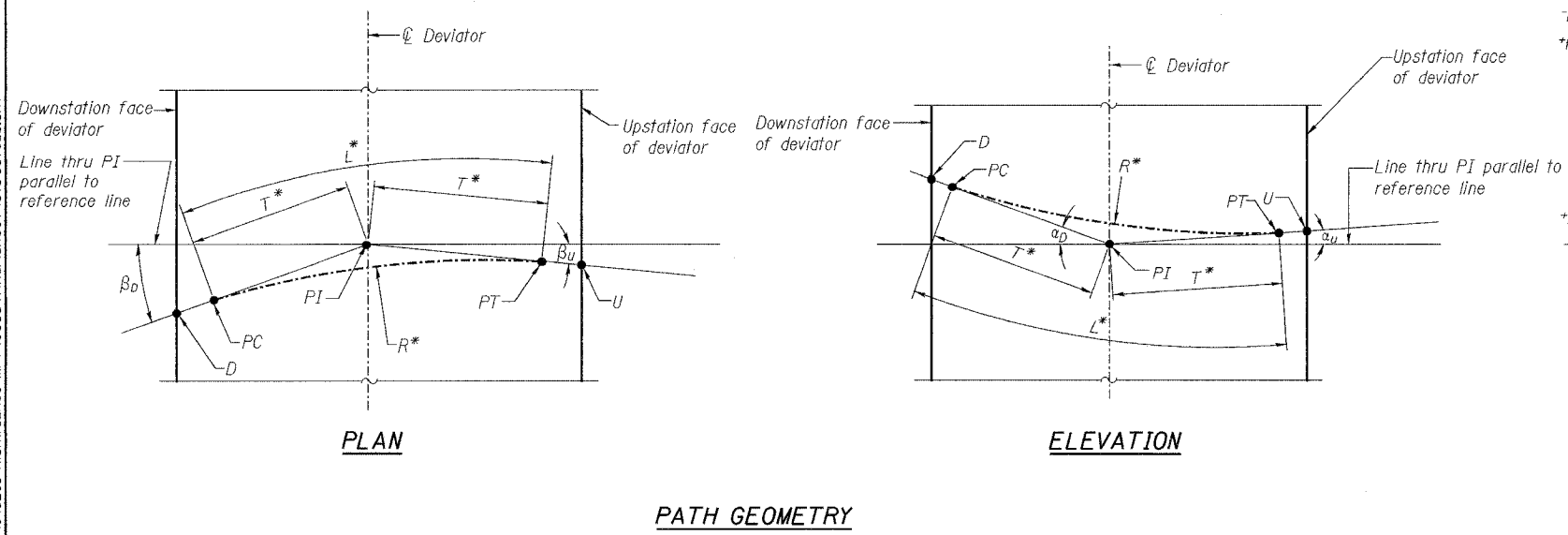
PATH SCHEDULE

ROUTE NO.	SECT.	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.I. 39	201-1BR	WINNEBAGO	16	40
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 64857

DEVIATOR	TYPE	PI		D		U		α_D xx°-xx'-xx"	α_U xx°-xx'-xx"	β_D xx°-xx'-xx"	β_U xx°-xx'-xx"	T*	L*	R*	TYPE	PI		D		U		α_D xx°-xx'-xx"	α_U xx°-xx'-xx"	β_D xx°-xx'-xx"	β_U xx°-xx'-xx"	T*	L*	R*	
		x	y	x	y	x	y									x	y	x	y	x	y								
1	I	8'-10"	8'-6 3/4"	8'-10 5/8"	8'-3 7/8"	8'-10"	8'-6 3/4"	-6°-53'-39"	0°-0'-0"	-1°-31'-24"	0°-0'-0"	1'-0 5/8"	2'-1 1/8"	17'-0"	I	7'-10"	8'-6 3/4"	7'-10 1/8"	8'-6 3/4"	7'-10"	8'-6 3/4"	0°-0'-0"	0°-0'-0"	-0°-22'-51"	0°-0'-0"	0'-0 5/8"	0'-1 3/8"	17'-0"	
2	I	8'-10"	8'-6 3/4"	8'-10"	8'-6 3/4"	8'-10"	8'-6 3/4"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0'-0"	0'-0"	0'-0"	I	7'-10"	8'-6 3/4"	7'-10"	8'-6 3/4"	7'-10 5/8"	8'-3 3/8"	0°-0'-0"	7°-53'-13"	0°-0'-0"	3°-56'-13"	1'-3 3/4"	2'-7 3/8"	17'-0"	
3	II	8'-10"	8'-6 3/4"	8'-10"	8'-6 3/4"	9'-0 3/8"	7'-9"	0°-0'-0"	15°-9'-22"	0°-0'-0"	3°-47'-36"	2'-4"	4'-7 5/8"	17'-0"	II	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4	II	8'-10"	8'-6 3/4"	8'-10 1/8"	7'-11 1/8"	8'-10"	8'-6 3/4"	-12°-0'-19"	0°-0'-0"	-1°-17'-49"	0°-0'-0"	1'-9 5/8"	3'-7"	17'-0"	II	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5	I	8'-10"	8'-6 3/4"	8'-10"	8'-6 3/4"	8'-10"	8'-6 3/4"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0'-0"	0'-0"	0'-0"	I	7'-10"	8'-6 3/4"	7'-11 5/8"	8'-3 3/8"	7'-10"	8'-6 3/4"	-7°-53'-13"	0°-0'-0"	-3°-56'-13"	0°-0'-0"	1'-3 3/4"	2'-7 3/8"	17'-0"	
6	I	8'-10"	8'-6 3/4"	8'-10"	8'-6 3/4"	8'-10"	8'-6 3/4"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0'-0"	0'-0"	0'-0"	I	7'-10"	8'-6 3/4"	7'-10"	8'-6 3/4"	7'-10 5/8"	8'-3 3/8"	0°-0'-0"	7°-53'-13"	0°-0'-0"	3°-56'-13"	1'-3 3/4"	2'-7 3/8"	17'-0"	
7	II	8'-10"	8'-6 3/4"	8'-10"	8'-6 3/4"	9'-1 1/8"	7'-9 5/8"	0°-0'-0"	14°-9'-32"	0°-0'-0"	4°-56'-41"	2'-2 1/8"	4'-5 3/8"	17'-0"	II	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8	II	8'-10"	8'-6 3/4"	9'-1 1/8"	7'-9 5/8"	8'-10"	8'-6 3/4"	-14°-9'-32"	0°-0'-0"	-4°-56'-41"	0°-0'-0"	2'-2 1/8"	4'-5 3/8"	17'-0"	II	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9	I	8'-10"	8'-6 3/4"	8'-10"	8'-6 3/4"	8'-10"	8'-6 3/4"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0'-0"	0'-0"	0'-0"	I	7'-10"	8'-6 3/4"	7'-10 3/4"	8'-4"	7'-10"	8'-6 3/4"	-6°-39'-37"	0°-0'-0"	-1°-55'-58"	0°-0'-0"	1'-0 3/8"	2'-0 3/4"	17'-0"	
10	I	8'-10"	8'-6 3/4"	8'-10"	8'-6 3/4"	8'-10"	8'-6 3/4"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0'-0"	0'-0"	0'-0"	I	7'-10"	8'-6 3/4"	7'-10"	8'-6 3/4"	7'-10 3/4"	8'-4"	0°-0'-0"	6°-39'-37"	0°-0'-0"	1°-55'-58"	1'-0 3/8"	2'-0 3/4"	17'-0"	
11	II	8'-10"	8'-6 3/4"	8'-10"	8'-6 3/4"	9'-1 1/8"	7'-9 5/8"	0°-0'-0"	14°-9'-32"	0°-0'-0"	4°-56'-41"	2'-2 1/8"	4'-5 3/8"	17'-0"	II	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	II	8'-10"	8'-6 3/4"	9'-1 1/8"	7'-9 5/8"	8'-10"	8'-6 3/4"	-14°-9'-32"	0°-0'-0"	-4°-56'-41"	0°-0'-0"	2'-2 1/8"	4'-5 3/8"	17'-0"	II	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13	I	8'-10"	8'-6 3/4"	8'-10"	8'-6 3/4"	8'-10"	8'-6 3/4"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0'-0"	0'-0"	0'-0"	I	7'-10"	8'-6 3/4"	7'-10 3/4"	8'-3 3/8"	7'-10"	8'-6 3/4"	-8°-27'-37"	0°-0'-0"	-3°-39'-30"	0°-0'-0"	1'-4 1/2"	2'-8 7/8"	17'-0"	
14	I	8'-10"	8'-6 3/4"	8'-10"	8'-6 3/4"	8'-10"	8'-6 3/4"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0'-0"	0'-0"	0'-0"	I	7'-10"	8'-6 3/4"	7'-10"	8'-6 3/4"	7'-11 5/8"	8'-3 3/8"	0°-0'-0"	7°-53'-13"	0°-0'-0"	3°-56'-13"	1'-3 3/4"	2'-7 3/8"	17'-0"	
15	II	8'-10"	8'-6 3/4"	8'-10"	8'-6 3/4"	8'-10 1/8"	7'-11 1/8"	0°-0'-0"	12°-0'-19"	0°-0'-0"	1°-17'-49"	1'-9 5/8"	3'-7"	17'-0"	II	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	II	8'-10"	8'-6 3/4"	9'-0 3/8"	7'-9"	8'-10"	8'-6 3/4"	-15°-9'-22"	0°-0'-0"	-3°-47'-36"	0°-0'-0"	2'-4"	4'-7 5/8"	17'-0"	II	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17	I	8'-10"	8'-6 3/4"	8'-10"	8'-6 3/4"	8'-10"	8'-6 3/4"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0'-0"	0'-0"	0'-0"	I	7'-10"	8'-6 3/4"	7'-11 5/8"	8'-3 3/8"	7'-10"	8'-6 3/4"	-7°-53'-13"	0°-0'-0"	-3°-56'-13"	0°-0'-0"	1'-3 3/4"	2'-7 3/8"	17'-0"	
18	I	8'-10"	8'-6 3/4"	8'-10"	8'-6 3/4"	8'-10 5/8"	8'-3 7/8"	0°-0'-0"	6°-53'-37"	0°-0'-0"	1°-31'-23"	1'-0 5/8"	2'-1 1/8"	17'-0"	I	7'-10"	8'-6 3/4"	7'-10"	8'-6 3/4"	7'-10 1/8"	8'-6 3/4"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0°-22'-51"	0'-0 5/8"	0'-1 3/8"	17'-0"	

DEVIATOR	TYPE	PI		D		U		α_D xx°-xx'-xx"	α_U xx°-xx'-xx"	β_D xx°-xx'-xx"	β_U xx°-xx'-xx"	T*	L*	R*	TYPE	PI		D		U		α_D xx°-xx'-xx"	α_U xx°-xx'-xx"	β_D xx°-xx'-xx"	β_U xx°-xx'-xx"	T*	L*	R*	
		x	y	x	y	x	y									x	y	x	y	x	y								
1	I	6'-10"	8'-6 3/4"	6'-10 3/8"	8'-3 7/8"	6'-10"	8'-6 3/4"	-6°-53'-39"	0°-0'-0"	-1°-31'-24"	0°-0'-0"	1'-0 5/8"	2'-1 1/8"	17'-0"	I	5'-10"	8'-6 3/4"	5'-10 1/8"	8'-6 3/4"	5'-10"	8'-6 3/4"	0°-0'-0"	0°-0'-0"	-0°-22'-51"	0°-0'-0"	0'-0 5/8"	0'-1 3/8"	17'-0"	
2	I	6'-10"	8'-6 3/4"	6'-10"	8'-6 3/4"	6'-10"	8'-6 3/4"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0'-0"	0'-0"	0'-0"	I	5'-10"	8'-6 3/4"	5'-10"	8'-6 3/4"	5'-11 1/2"	8'-3 3/8"	0°-0'-0"	8°-27'-37"	0°-0'-0"	3°-39'-30"	1'-4 1/2"	2'-8 7/8"	17'-0"	
3	II	6'-10"	8'-6 3/4"	6'-10"	8'-6 3/4"	7'-0"	7'-8 1/2"	0°-0'-0"	15°-50'-40"	0°-0'-0"	3°-14'-22"	2'-5"	4'-9 5/8"	17'-0"	II	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4	II	6'-10"	8'-6 3/4"	7'-1 5/8"	7'-8 3/4"	6'-10"	8'-6 3/4"	-15°-30'-3"	0°-0'-0"	-5°-43'-32"	0°-0'-0"	2'-5 5/8"	4'-10 1/8"	17'-0"	II	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5	I	6'-10"	8'-6 3/4"	6'-10"	8'-6 3/4"	6'-10"	8'-6 3/4"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0'-0"	0'-0"	0'-0"	I	5'-10"	8'-6 3/4"	5'-11 1/2"	8'-3 3/8"	5'-10"	8'-6 3/4"	-8°-27'-37"	0°-0'-0"	-3°-39'-30"	0°-0'-0"	1'-4 1/2"	2'-8 7/8"	17'-0"	
6	I	6'-10"	8'-6 3/4"	6'-10"	8'-6 3/4"	6'-10"	8'-6 3/4"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0'-0"	0'-0"	0'-0"	I	5'-10"	8'-6 3/4"	5'-10"	8'-6 3/4"	5'-11 1/4"	8'-3"	0°-0'-0"	8°-51'-29"	0°-0'-0"	2°-59'-57"	1'-4 5/8"	2'-9 1/4"	17'-0"	
7	II	6'-10"	8'-6 3/4"	6'-10"	8'-6 3/4"	7'-0 3/4"	7'-9"	0°-0'-0"	15°-9'-22"	0°-0'-0"	4°-26'-19"	2'-4 1/4"	4'-8 1/4"	17'-0"	II	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8	II	6'-10"	8'-6 3/4"	7'-0 3/4"	7'-9"	6'-10"	8'-6 3/4"	-15°-9'-22"	0°-0'-0"	-4°-26'-19"	0°-0'-0"	2'-4 1/4"	4'-8 1/4"	17'-0"	II	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9	I	6'-10"	8'-6 3/4"	6'-10"	8'-6 3/4"	6'-10"	8'-6 3/4"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0'-0"	0'-0"	0'-0"	I	5'-10"	8'-6 3/4"	5'-11 1/8"	8'-3 3/8"	5'-10"	8'-6 3/4"	-8°-39'-33"	0°-0'-0"	-4°-22'-2"	0°-0'-0"	1'-5 1/4"	2'-10 1/2"	17'-0"	
10	I	6'-10"	8'-6 3/4"	6'-10"	8'-6 3/4"	6'-10"	8'-6 3/4"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0'-0"	0'-0"	0'-0"	I	5'-10"	8'-6 3/4"	5'-10"	8'-6 3/4"	5'-11 1/8"	8'-3 3/8"	0°-0'-0"	8°-39'-33"	0°-0'-0"	4°-22'-2"	1'-5 1/4"	2'-10 1/2"	17'-0"	
11	II	6'-10"	8'-6 3/4"	6'-10"	8'-6 3/4"	7'-0 3/4"	7'-9"	0°-0'-0"	15°-9'-22"	0°-0'-0"	4°-26'-19"	2'-4 1/4"	4'-8 1/4"	17'-0"	II	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	II	6'-10"	8'-6 3/4"	7'-0 3/4"	7'-9"	6'-10"	8'-6 3/4"	-15°-9'-22"	0°-0'-0"	-4°-26'-19"	0°-0'-0"	2'-4 1/4"	4'-8 1/4"	17'-0"	II	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13	I	6'-10"	8'-6 3/4"	6'-10"	8'-6 3/4"	6'-10"	8'-6 3/4"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0'-0"	0'-0"	0'-0"	I	5'-10"	8'-6 3/4"	5'-11 1/4"	8'-3"	5'-10"	8'-6 3/4"	-8°-51'-29"	0°-0'-0"	-2°-59'-57"	0°-0'-0"	1'-4 5/8"	2'-9 1/4"	17'-0"	
14	I	6'-10"	8'-6 3/4"	6'-10"	8'-6 3/4"	6'-10"	8'-6 3/4"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0'-0"	0'-0"	0'-0"	I	5'-10"	8'-6 3/4"	5'-10"	8'-6 3/4"	5'-11 1/2"	8'-3 3/8"	0°-0'-0"	8°-27'-37"	0°-0'-0"	3°-39'-30"	1'-4 1/2"	2'-8 7/8"	17'-0"	
15	II	6'-10"	8'-6 3/4"	6'-10"	8'-6 3/4"	7'-1 5/8"	7'-8 3/4"	0°-0'-0"	15°-30'-3"	0°-0'-0"	5°-43'-32"	2'-5 5/8"	4'-10 1/8"	17'-0"	II	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	II	6'-10"	8'-6 3/4"	7'-0"	7'-8 1/2"	6'-10"	8'-6 3/4"	-15°-30'-3"	0°-0'-0"	-5°-43'-32"	0°-0'-0"	2'-5 5/8"	4'-10 1/8"	17'-0"	II	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17	I	6'-10"	8'-6 3/4"	6'-10"	8'-6 3/4"	6'-10"	8'-6 3/4"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0'-0"	0'-0"	0'-0"	I	5'-10"	8'-6 3/4"	5'-11 1/2"	8'-3 3/8"	5'-10"	8'-6 3/4"	-8°-27'-37"	0°-0'-0"	-3°-39'-30"	0°-0'-0"	1'-4 1/2"	2'-8 7/8"	17'-0"	
18	I	6'-10"	8'-6 3/4"	6'-10"	8'-6 3/4"	6'-10 3/8"	8'-3 7/8"	0°-0'-0"	6°-53'-37"	0°-0'-0"	1°-31'-23"	1'-0 5/8"	2'-1 1/8"	17'-0"	I	5'-10"	8'-6 3/4"	5'-10"	8'-6 3/4"	5'-10 3/8"	8'-6 3/4"	0°-0'-0"	0°-0'-0"	0°-0'-0"	0°-22'-51"	0'-0 5/8"	0'-1 3/8"	17'-0"	



LEGEND:
 Reference Line : Line at soffit of segment top slab along centerline of box girder.
 L* : Actual length of bent pipe
 R* : Actual bending radius at pipe \mathcal{C}
 T* : Actual tangent length

REVISION	DATE	DESCRIPTION
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		
BOTTOM SLAB DEVIATOR GEOMETRY II		
I-39 (FAI 39) OVER KISHWAUKEE RIVER SECTION 201-1BR WINNEBAGO COUNTY STATION 2425+00 STRUCTURE NOS. 101-0133 (S.B.) & 101-0134 (N.B.)		
PARSONS		CHICAGO, ILLINOIS
DRAWING NO. 16	SCALE N.T.S.	DATE FEB 2007
		SHEET NO. S-5

Date: 2/2/2007 Time: 4:29:58 PM
 File name: p:\648265-Kishwaukee-rm-f-cadd\final\sheet\stbd102a.sht
 Designed by: WEE
 Checked by: DL
 Drafted by: HH
 Checked by: DL