



**PROPOSED WEIGH STATION ROAD CURVE DATA**

PR CURVE WS-1	PR CURVE WS-2	PR CURVE WS-3	PR CURVE WS-4
PI STA. = 11+36.23	PI STA. = 16+22.68	PI STA. = 39+74.91	PI STA. = 46+06.31
$\Delta = 3^\circ 54' 04''$ (LT)	$\Delta = 5^\circ 52' 36''$ (RT)	$\Delta = 6^\circ 21' 57''$ (RT)	$\Delta = 5^\circ 43' 48''$ (RT)
D = $1^\circ 25' 57''$	D = $2^\circ 32' 47''$	D = $1^\circ 24' 12''$	D = $0^\circ 44' 28''$
R = 4,000.00'	R = 2,250.00'	R = 4,082.69'	R = 7,730.92'
T = 136.23'	T = 115.49'	T = 227.04'	T = 386.89'
L = 272.35'	L = 230.77'	L = 453.60'	L = 773.14'
E = 2.32'	E = 2.96'	E = 6.31'	E = 9.67'
e = 1.50%	e = 1.50%	e = 2.00%	e = 2.00%
T.R. IN = N/A	T.R. IN = N/A	T.R. IN = 0.0%	T.R. = N/A
S.E. RUN IN = 15.0'	S.E. RUN IN = N/A	S.E. RUN IN = 18.0'	S.E. RUN = N/A
T.R. OUT = 53.0'	T.R. OUT = 34.0'	T.R. OUT = N/A	P.C. STA = 42+19.42
S.E. RUN OUT = 38.0'	S.E. RUN OUT = 34.0'	S.E. RUN OUT = N/A	P.T. STA = 49+92.55
P.C. STA = 10+00.00	P.C. STA = 15+07.19	P.C. STA = 37+47.87	
P.T. STA = 12+72.35	P.T. STA = 17+37.97	P.T. STA = 42+01.47	

**EXISTING I-55 CURVE DATA**

EX CURVE I55-1	EX CURVE I55-2
PI STA. = 1811+51.19	PI STA. = 1861+90.60
$\Delta = 20^\circ 35' 39''$ (RT)	$\Delta = 9^\circ 56' 49''$ (RT)
D = $1^\circ 00' 05''$	D = $0^\circ 44' 54''$
R = 5,721.63'	R = 7,657.06'
T = 1,039.49'	T = 666.34'
L = 2,056.55'	L = 1,329.33'
E = 93.66'	E = 28.94'
e = N/A	e = N/A
T.R. = N/A	T.R. = N/A
S.E. RUN = N/A	S.E. RUN = N/A
P.C. STA = 1801+11.70	P.C. STA = 1855+24.27
P.T. STA = 1821+68.25	P.T. STA = 1868+53.60

MATCHLINE STA. 28+00.00  
PROPOSED WEIGH STATION ROAD

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PROPOSED WEIGH STATION ROAD

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
ei:\pw_work\p1dot\sparksgw\10216368\0672505-sht-Align/Layout.dgn		DRAWN -	REVISED -
PLOT SCALE = 200.0000' / in.		CHECKED -	REVISED -
PLOT DATE = Apr-11-2013 03:49:45PM		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING & PROPOSED  
ALIGNMENTS GEOMETRICS**

SCALE: 1" = 100'    SHEET 1 OF 1 SHEETS    STA.                      TO STA.

F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	68-2WS-2	MONTGOMERY	124	16
CONTRACT NO. 72505				
ILLINOIS FED. AID PROJECT				