

M38
R = 5.00'
L = 10.88'
Tan = 9.53'
Delta = 124°35'48"
PC Sta. = 35+79.73 T/W 'A'
PC O/S = 26.99' Rt
PT Sta. = 35+86.57 T/W 'A'
PT O/S = 17.50' Rt
RP Sta. = 35+82.78 T/W 'A'
RP O/S = 22.50' Rt

M39
R = 75.00'
L = 79.45'
Tan = 43.91'
Delta = 60°41'47"
PC Sta. = 35+86.57 T/W 'A'
PC O/S = 17.50' Rt
PT Sta. = 36+51.97 T/W 'A'
PT O/S = 55.79' Rt
RP Sta. = 35+86.57 T/W 'A'
RP O/S = 92.50' Rt

M40
R = 10.00'
L = 15.71'
Tan = 10.00'
Delta = 90°00'00"
PC Sta. = 4+65.00 T/W 'E'
PC O/S = 17.50' Rt
PT Sta. = 4+75.00 T/W 'E'
PT O/S = 27.50' Rt
RP Sta. = 4+65.00 T/W 'E'
RP O/S = 27.50' Rt

M41
R = 10.00'
L = 15.07'
Tan = 9.39'
Delta = 86°22'18"
PC Sta. = 4+75.00 T/W 'E'
PC O/S = 40.86' Rt
PT Sta. = 4+65.63 T/W 'E'
PT O/S = 50.69' Rt
RP Sta. = 4+65.00 T/W 'E'
RP O/S = 40.71' Rt

M42
R = 10.00'
L = 16.34'
Tan = 10.65'
Delta = 93°37'42"
PC Sta. = 5+35.63 T/W 'E'
PC O/S = 46.25' Rt
PT Sta. = 5+25.00 T/W 'E'
PT O/S = 36.27' Rt
RP Sta. = 5+35.00 T/W 'E'
RP O/S = 36.27' Rt

M43
R = 10.00'
L = 15.71'
Tan = 10.00'
Delta = 90°00'00"
PC Sta. = 5+25.00 T/W 'E'
PC O/S = 27.50' Rt
PT Sta. = 5+35.00 T/W 'E'
PT O/S = 17.50' Rt
RP Sta. = 5+35.00 T/W 'E'
RP O/S = 27.50' Rt

M44
R = 15.00'
L = 47.14'
Tan = 180°04'04"
Delta = 180°04'04"
PC Sta. = 7+45.24 T/W 'E'
PC O/S = 17.50' Rt
PT Sta. = 7+45.23 T/W 'E'
PT O/S = 33.48' Rt
RP Sta. = 7+45.24 T/W 'E'
RP O/S = 32.50' Rt

M46
R = 75.00'
L = 169.14'
Tan = 157.98'
Delta = 129°12'35"
PC Sta. = 7+88.64 T/W 'E'
PC O/S = 16.89' Rt
PT Sta. = 9+11.06 T/W 'E'
PT O/S = 41.23' Lt
RP Sta. = 8+36.06 T/W 'E'
RP O/S = 41.23' Lt

M47
R = 75.00'
L = 126.06'
Tan = 111.91'
Delta = 70°02'00"
PC Sta. = 8+02.57 T/W 'E'
PC O/S = 28.43' Rt
PT Sta. = 8+39.87 T/W 'E'
PT O/S = 54.70' Lt
RP Sta. = 8+20.35 T/W 'E'
RP O/S = 17.72' Lt

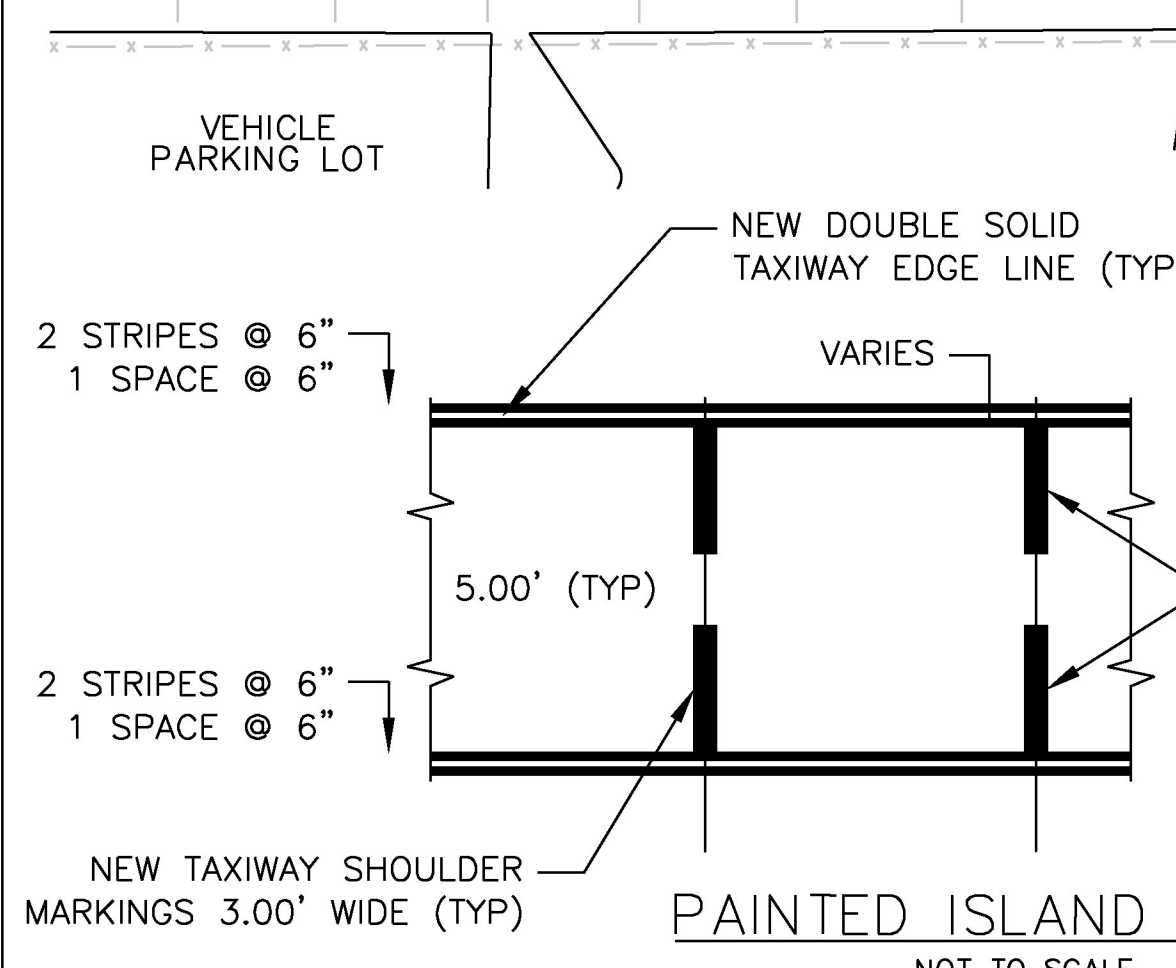
M45
R = 75.00'
L = 51.33'
Tan = 26.71'
Delta = 39°12'35"
PC Sta. = 7+41.23 T/W 'E'
PC O/S = 0.00' Rt
PT Sta. = 7+88.64 T/W 'E'
PT O/S = 16.89' Rt
RP Sta. = 7+41.23 T/W 'E'
RP O/S = 75.00' Rt

M47
R = 75.00'
L = 91.67'
Tan = 52.55'
Delta = 70°02'00"
PC Sta. = 7+61.24 T/W 'E'
PC O/S = 28.43' Rt
PT Sta. = 8+39.87 T/W 'E'
PT O/S = 54.70' Lt
RP Sta. = 8+20.35 T/W 'E'
RP O/S = 17.72' Lt

CURVE C13:
R = 66.64'
L = 41.35'
Tan = 21.36'
Delta = 35°33'01"
PC Sta. = 7+48.71 T/W 'E'
PC O/S = 17.50' Lt
PT Sta. = 8+02.57 T/W 'E'
PT O/S = 0.20' Lt

CURVE C14:
R = 57.50'
L = 126.06'
Tan = 111.91'
Delta = 125°36'38"
PC Sta. = 8+02.57 T/W 'E'
PC O/S = 0.20' Lt
PT Sta. = 9+20.51 T/W 'E'
PT O/S = 17.50' Lt

AT SIGN	START		END		TAXIWAY
	STATION	OFFSET	STATION	OFFSET	
S26	8+69.25	0.00' RT	8+91.43	43.00' RT	'E'
S38	37+55.08	17.50' LT	37+55.08	19.17' RT	'A'
S39	39+90.78	17.50' LT	39+90.78	17.50' RT	'A'
S42	3+40.00	24.83' LT	3+40.00	17.50' RT	'E'
S43	4+76.00	41.76' RT	5+24.00	36.96' RT	'E'
S44	7+59.60	25.44' RT	8+17.80	7.58' RT	'E'



LEGEND:

(B) BLANK PANEL

(Y/B) YELLOW TEXT ON BLACK BACKGROUND

(B/Y) BLACK TEXT ON YELLOW BACKGROUND

(W/R) WHITE TEXT ON RED BACKGROUND

TN TAXIWAY NORTH CIRCUIT

R5 RUNWAY 5-23 CIRCUIT

NOTE: ALL PAINT STRIPING CALLED FOR IN THIS CHANGE ORDER IS TO BE COLOR YELLOW, EXCEPT AS NOTED.

* THE STATION OF THE SIGNS IS TAKEN FROM THE MIDPOINT OF THE SIDE THAT IS CLOSEST TO EDGE OF THE PAVEMENT.

** SIGN S39 WAS RELOCATED AND CONNECTED IN THE FALL OF 2010. THE COST OF THIS WORK IS INCLUDED IN THIS CHANGE ORDER.

SIGN NUMBER	SIGN PANEL (SEE NOTE)	*STATION/OFFSET	NO. OF MODULES	DESCRIPTION	CIRCUIT
S26	(B)(Y/B) (Y/B)(W/R)	8+57.71, 16.33' LT (TAXIWAY E)	2	RELOCATED RUNWAY HOLD SIGN	R5
S38	(W/R) 5-APCH (B/Y)	37+53.44, 37.50 LT (TAXIWAY A)	3	RELOCATED APPROACH HOLD SIGN	R5
S39	(W/R) 5-APCH (B/Y)	39+90.78, 37.50 RT (TAXIWAY A)	3	RELOCATED APPROACH HOLD SIGN **	R5
S42	(W/R) 5-APCH (B/Y)	3+40.00, 50.17' LT (TAXIWAY E)	3	NEW APPROACH HOLD SIGN SIZE 2	R5
S43	(W/R) 5-APCH (B/Y)	4+54.11, 43.95' RT (TAXIWAY E)	3	NEW APPROACH HOLD SIGN SIZE 1	R5
S44	(W/R) 5-APCH (B/Y)	7+38.56, 31.90' RT (TAXIWAY E)	3	NEW APPROACH HOLD SIGN SIZE 1	R5

LIGHT NO.	STATION	OFFSET	CIRCUIT
E20 (1)	6+98.71 T/W 'E'	27.50' LT	TN
E21 (1)	7+48.71 T/W 'E'	27.50' Lt	TN
E22 (1)	7+80.06 T/W 'E'	22.59' LT	TN
E23 (1)	8+08.40 T/W 'E'	8.33' LT	TN
E24 (1)	8+41.23 T/W 'E'	0.27' RT	TN
E25 (2)	8+71.43 T/W 'E'	15.25' LT	TN
E26 (2)	8+83.56 T/W 'E'	46.95' LT	TN

1. RELOCATED TAXIWAY EDGE LIGHT

2. NEW TAXIWAY EDGE LIGHT

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PROJECT NAME: E.F. KNAPP STATE AIRPORT
A.I.P. 3-50-0001-011-2009
PROJECT NUMBER: BERLIN AIR 04-3216

FILE NAME: MARKING-SIGNING-C011.dgn PLOT DATE: 11/22/2011
PROJECT LEADER: S. FORTNEY
DESIGNED BY: S. BOUCHARD
TAXIWAY 'E' MARKING MODIFICATIONS

DRAWN BY: D. STANDISH
CHECKED BY: J. DOWNAR
SHEET 115A OF 173