



Progetto per la realizzazione impianto per la produzione di energia elettrica da **fonte eolica**, ai sensi del Dlgs n. 387 del 2003, composto da n° 7 aerogeneratori, per una potenza di 39,2 MW, sito nel comune di **Castelpagano (BN)**



PROPONENTE

Cogein Energy

Cogein Energy S.r.l.
Via Diocleziano, 107 - 80125 Napoli
Tel. 081.19566613 - Fax. 081.7618640
www.newgreen.it
compinvestimenti@libero.it
cogeinenergy@pec.it

ELABORATO

TAV-AT3 Raccordi e curvatures specifiche per la viabilità di nuova realizzazione e da adeguare

SCALA _____ REVISIONE **0** DATA **01/2021**

PROGETTAZIONE

Ing. Giuseppe De Masi

REDATTO

Ing. Federica Mallozzi
Dott. Rino Castaldo
Arch. Rosario Manco

VERIFICATO

Ing. Federica Mallozzi

APPROVATO

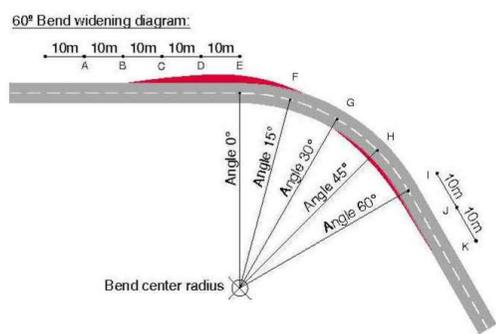
Ing. Giuseppe De Masi



Raccordi e curvatures specifiche per la viabilità di nuova realizzazione e da adeguare

60° BEND WIDENING - 5 METERS WIDE ROAD

Radius	External					Internal					
	A	B	C	D	E	F	G	H	I	J	K
70m	-	0.2	1.2	1.6	1.2	0.1	-	1.3	1.1	0.4	0.2
75m	-	-	0.8	1.4	0.8	-	-	1.0	0.8	0.3	-
80m	-	-	0.8	1.1	0.7	-	-	1.0	0.7	0.3	-



60° BEND WIDENING - 6 METERS WIDE ROAD

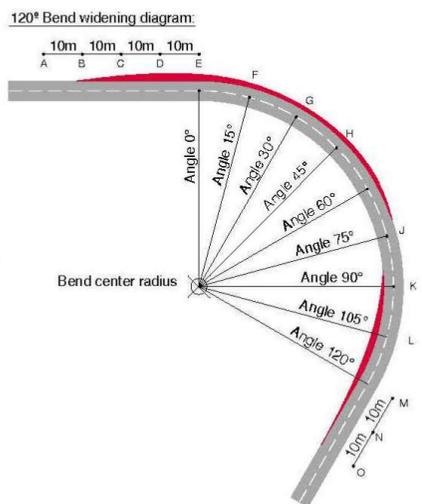
Radius	External					Internal					
	A	B	C	D	E	F	G	H	I	J	K
70m	-	-	0.4	0.8	0.4	-	-	0.2	0.2	-	-
75m	-	-	0.2	0.6	0.2	-	-	0.2	-	-	-
80m	-	-	-	0.2	-	-	-	0.2	-	-	-

60° BEND WIDENING - 6.5 METERS WIDE ROAD

Radius	External					Internal					
	A	B	C	D	E	F	G	H	I	J	K
70m	-	-	-	0.4	-	-	-	-	-	-	-
75m	-	-	-	0.2	-	-	-	-	-	-	-
80m	-	-	-	-	-	-	-	-	-	-	-

120° BEND WIDENING - 5 METERS WIDE ROAD

Radius	External					Internal									
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
70m	-	0.9	1.8	2.0	1.2	0.1	-	-	-	-	0.7	1.6	0.9	0.2	-
75m	-	0.6	1.5	1.6	1.0	-	-	-	-	-	0.5	1.2	0.8	0.2	-
80m	-	0.3	1.1	1.4	1.0	-	-	-	-	-	-	0.9	0.7	0.2	-



120° BEND WIDENING - 6 METERS WIDE ROAD

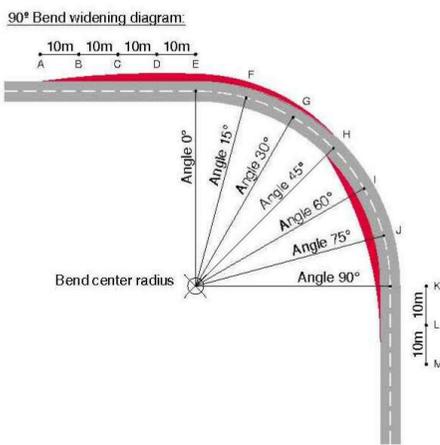
Radius	External					Internal									
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
70m	-	-	0.6	0.8	0.2	-	-	-	-	-	0.5	0.3	-	-	-
75m	-	-	0.4	0.5	-	-	-	-	-	-	0.4	0.2	-	-	-
80m	-	-	0.2	0.3	-	-	-	-	-	-	-	-	-	-	-

120° BEND WIDENING - 6.5 METERS WIDE ROAD

Radius	External					Internal									
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
70m	-	-	0.2	0.4	-	-	-	-	-	-	-	-	-	-	-
75m	-	-	-	0.2	-	-	-	-	-	-	-	-	-	-	-
80m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

90° BEND WIDENING - 5 METERS WIDE ROAD

Radius	External					Internal							
	A	B	C	D	E	F	G	H	I	J	K	L	M
70m	-	0.7	1.5	1.7	1.3	0.2	-	-	-	1.2	1.7	1.1	0.4
75m	-	0.5	1.2	1.4	1.0	-	-	-	-	1.0	1.4	0.8	0.2
80m	-	0.2	1.0	1.3	0.9	-	-	-	-	0.6	0.9	0.6	0.2



90° BEND WIDENING - 6 METERS WIDE ROAD

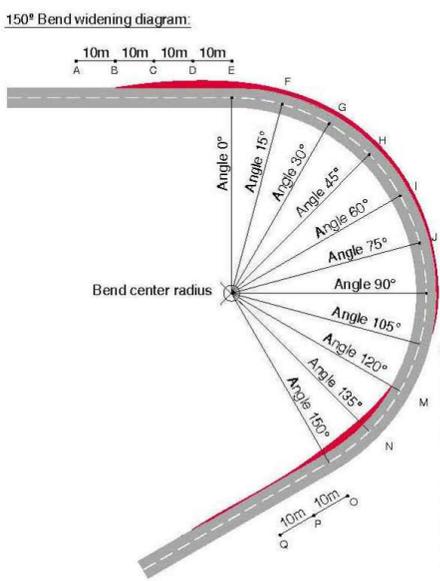
Radius	External					Internal							
	A	B	C	D	E	F	G	H	I	J	K	L	M
70m	-	-	0.5	0.6	0.2	-	-	-	-	0.6	0.1	-	-
75m	-	-	0.4	0.6	-	-	-	-	-	0.4	-	-	-
80m	-	-	0.3	0.6	-	-	-	-	-	-	-	-	-

90° BEND WIDENING - 6.5 METERS WIDE ROAD

Radius	External					Internal							
	A	B	C	D	E	F	G	H	I	J	K	L	M
70m	-	-	0.2	0.4	-	-	-	-	-	-	-	-	-
75m	-	-	-	0.4	-	-	-	-	-	-	-	-	-
80m	-	-	-	-	-	-	-	-	-	-	-	-	-

150° BEND WIDENING - 5 METERS WIDE ROAD

Radius	External					Internal										
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
70m	-	0.7	1.7	2.0	1.4	-	-	-	-	-	-	0.3	1.3	1.1	0.8	0.4
75m	-	0.5	1.4	1.6	1.2	-	-	-	-	-	-	0.2	1.0	0.8	0.6	0.3
80m	-	0.2	1.1	1.3	0.9	-	-	-	-	-	-	-	0.6	0.7	0.5	0.3



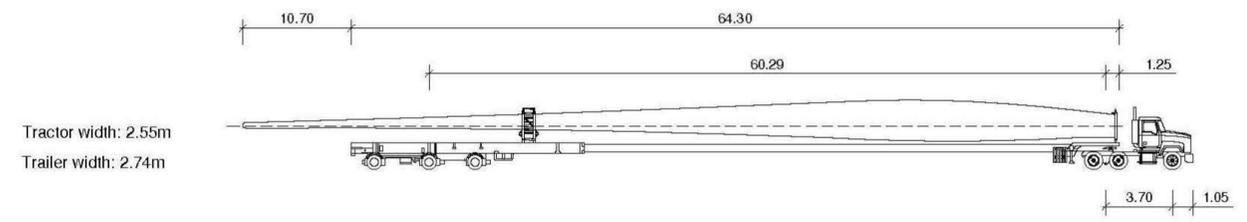
150° BEND WIDENING - 6 METERS WIDE ROAD

Radius	External					Internal										
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
70m	-	-	0.8	1.0	0.4	-	-	-	-	-	-	-	0.4	-	-	-
75m	-	-	0.4	0.7	0.2	-	-	-	-	-	-	-	0.2	-	-	-
80m	-	-	0.2	0.3	0.2	-	-	-	-	-	-	-	-	-	-	-

150° BEND WIDENING - 6.5 METERS WIDE ROAD

Radius	External					Internal										
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
70m	-	-	0.4	0.5	-	-	-	-	-	-	-	-	-	-	-	-
75m	-	-	-	0.3	-	-	-	-	-	-	-	-	-	-	-	-
80m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Design has been defined considering the following truck dimensions:
 -Different truck dimensions will lead to substantially different results
 -Trailer based on the largest configuration of "Nootboom Super Wing Carrier OVB-67-03V".



DESIGN REQUIREMENTS

Minimum vertical curve parameter	$K_v = L / i_1 - i_2 = 500$
Maximum slope on gravel road	9%
Maximum slope on concrete road	14%
Minimum radius	70m
Min. straight length before/after the bend *	160m

* Additional bend widens provided in this drawing, will not be valid if this minimum straight length are not respected.

T13_0054-6051 Ver.02 - Approved - Exported from DMS: 2018-01-08 by FRPIC