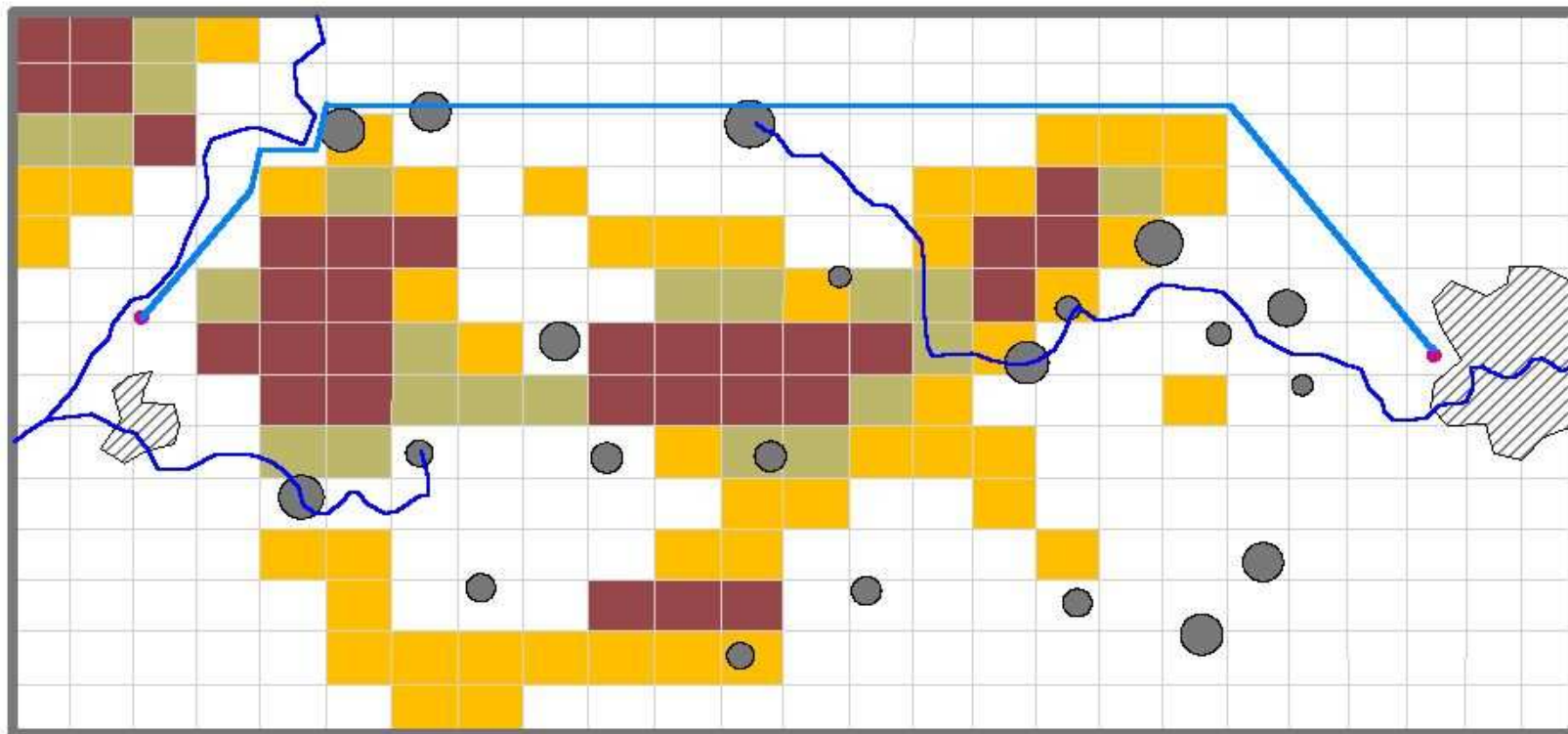


# Výběr trasy pro novou silnici

Drbůšek, Horáčková, Košík, Lalík,  
Putalová

# Terénní překážky

## FYZICKÁ OMEZENÍ



TERRAINGRID.SHP

NONE

+ 1 MILLION

+ 3 MILLION

+ 5 MILLION



ROAD2.SHP

+ 2 MILLION PER CROSSING

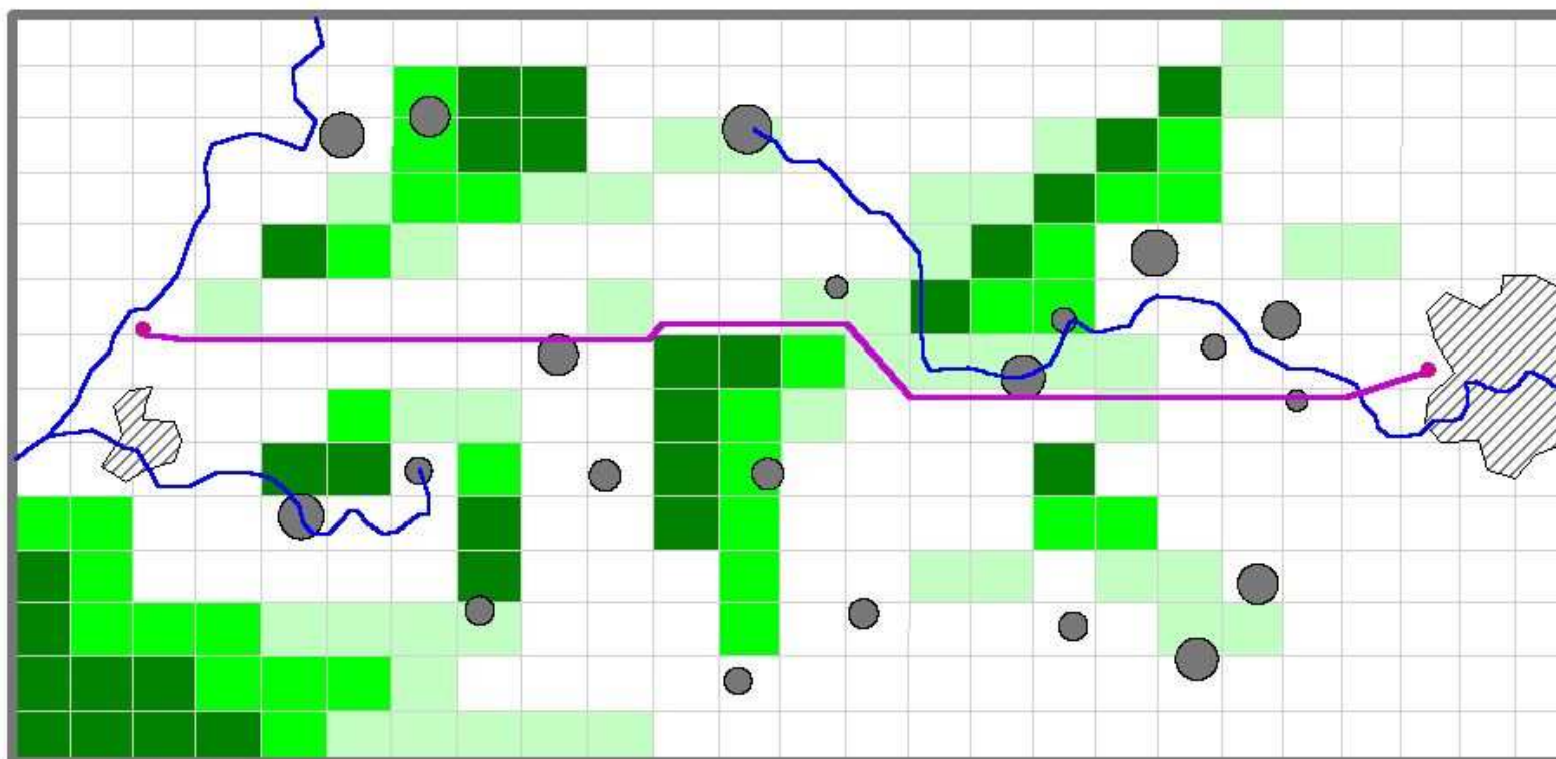
ALREADY SERVICED

TO BE SERVICED

Délka: 146 mil  
cena: 73 mil \$  
most: 0

# Environmentální překážky

## EKOLOGICKÁ OMEZENÍ



ROAD3.SHP  
+ 2 MILLION PER CROSSING

ALREADY SERVICED  
TO BE SERVICED  
ENVIRONGRID.SHP  
NONE  
1  
3  
5

Délka: 118 mil (29,5 units)

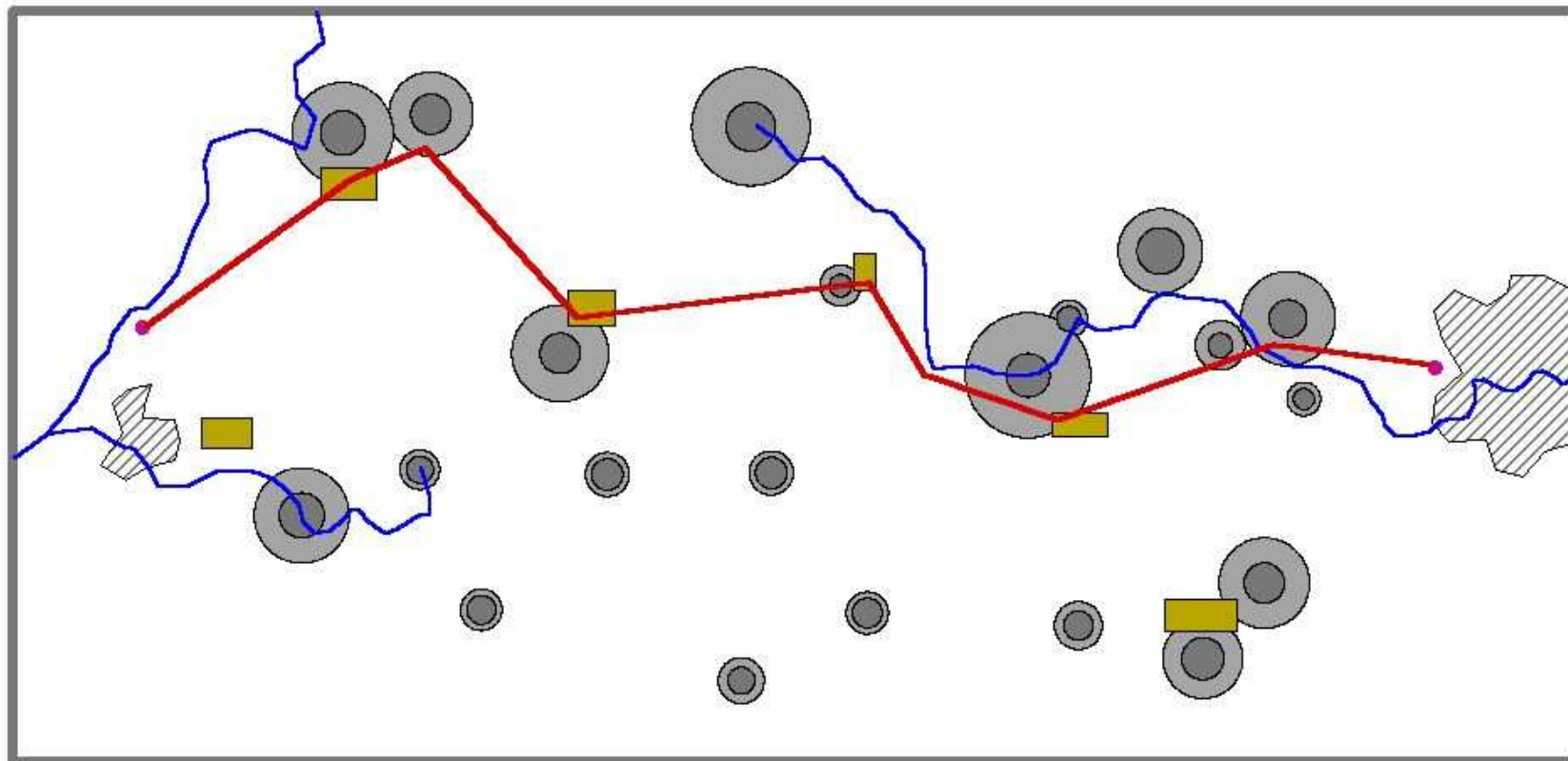
most: 2 mil\$

protíná: 5 oblastí s úrovní 1

cena: 34,5 mil\$

# Ekonomický potenciál

## EKONOMICKÝ POTENCIÁL



■ 5 MILLION SUBSIDY  
▨ ALREADY SERVICED  
● TO BE SERVICED  
● CITYBUFFER.SHP

— ROAD4.SHP  
— + 2 MILLION PER CROSSING  
— RANGE.SHP  
● OD.SHP

Délka: 141 mil

Most: 2 mil \$

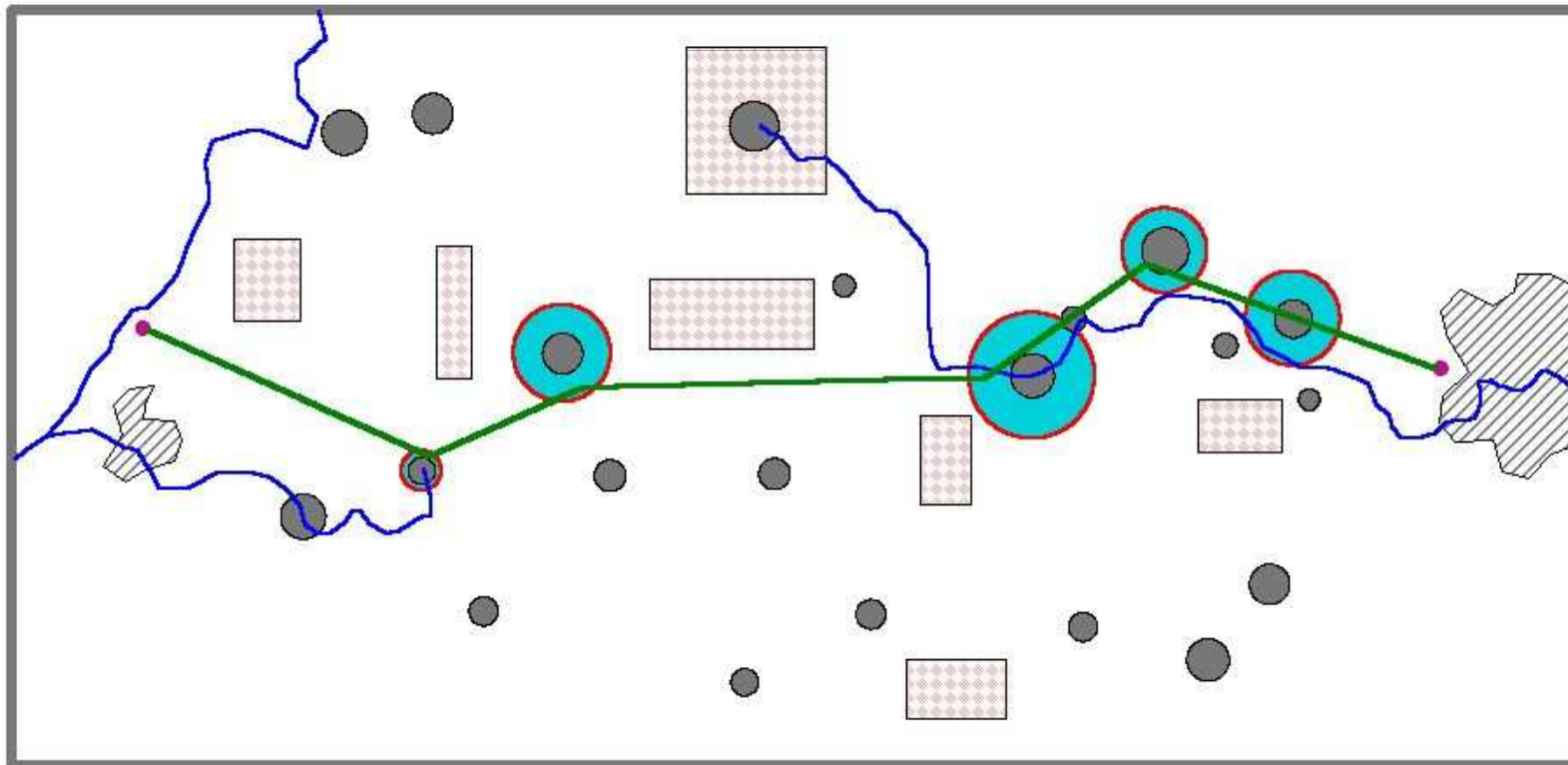
Obsloužených obyvatel: 540 000 (8,1 mil\$)

Ekonomické zóny: 4 (20 mil \$)

Celková cena: 44,4 mil\$

# Politické překážky

## POLITICKÁ OMEZENÍ





Délka: 126 mil

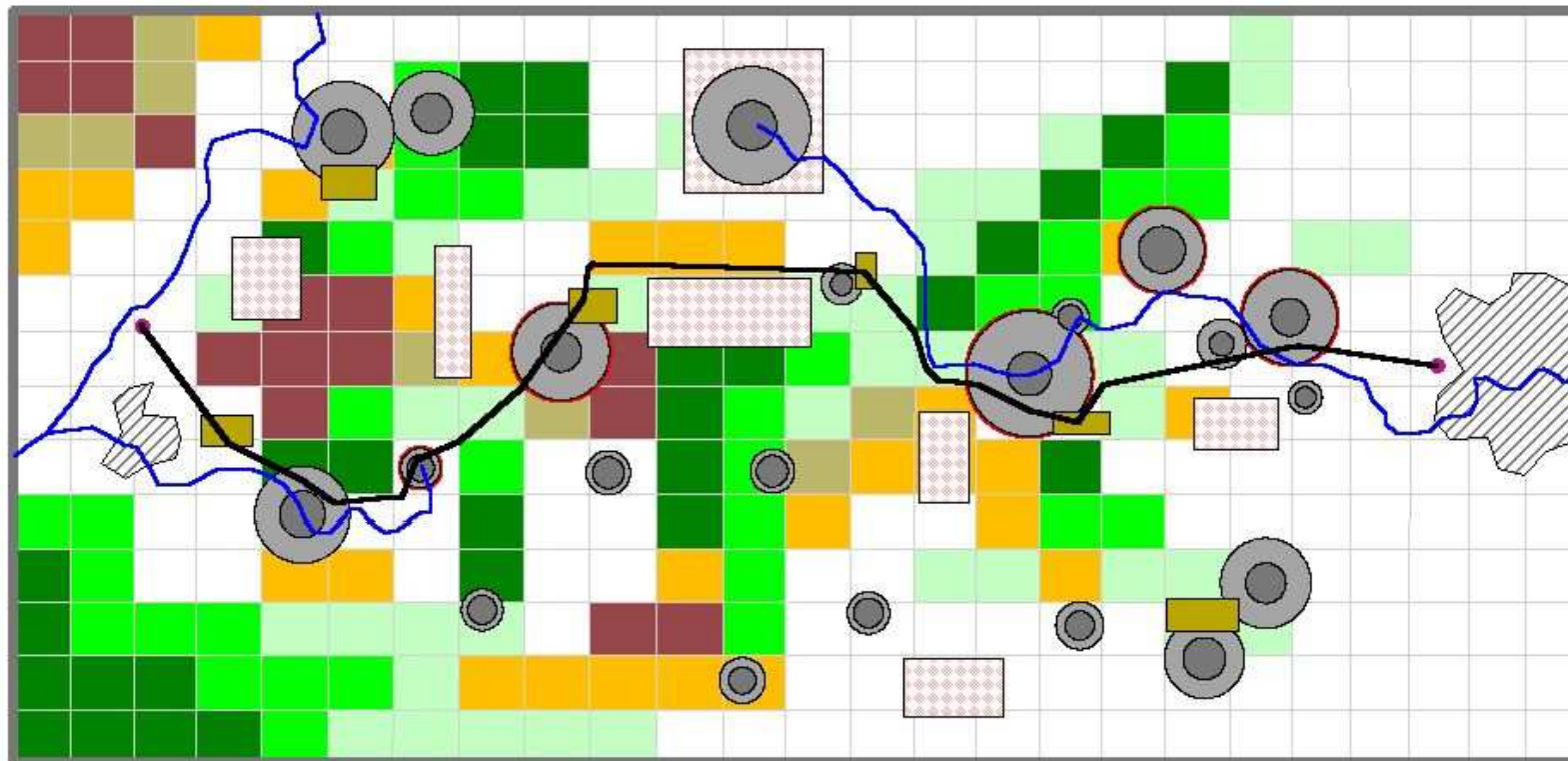
Most : 2 mil\$


Dotace od měst: 15 mil\$

Cena: 50 mil\$

# Kombinace

?



 ROADI.SHP  
+ 2 MILLION PER CROSSING


 5 MILLION SUBSIDY


 ALREADY SERVICED

 TO BE SERVICED


 CITYBUFFER.SHP


POLITICAL.SHP


 NO (+3 MILLION)


 YES (-3 MILLION)

ENVIRONGRID.SHP

 NONE

 1

 3

 5

TERRAINGRID.SHP

 NONE

 + 1 MILLION

 + 3 MILLION

 + 5 MILLION

**(1) Road length 153,5 miles**

- **Construction costs**

- (a) Basic construction costs (\$0.5 million per mile) **\$M 76,75**
- (b) Additional costs for rugged terrain **\$M 15**
- (c) Additional costs for river crossing (\$2 million per bridge) **\$M 2**
- **Gross construction cost (a + b +c) \$M 93,75**
- (d) Additional costs for public audiences (\$3 millions per unit) **\$M 0**
- (e) Costs saved from collaboration (\$3 millions per city in favor) **\$M 12**
- (f) To serve an industrial development zone (\$5 millions per zone) (b) **\$M 20**
- (g) Savings (benefit) from providing new roads to additional population (\$15 per person)
- **\$M 7,2**

**(2) Total cost = Gross cost + d - e - f - g \$M 54,55**

- **Environmental impacts**

- (h) Level of environmental damage **9 units**
- (i) Level of environmental damage for road construction (0.25 per mile) **38,4 units**

**(3) Environmental score (h + i) 47,4 units**