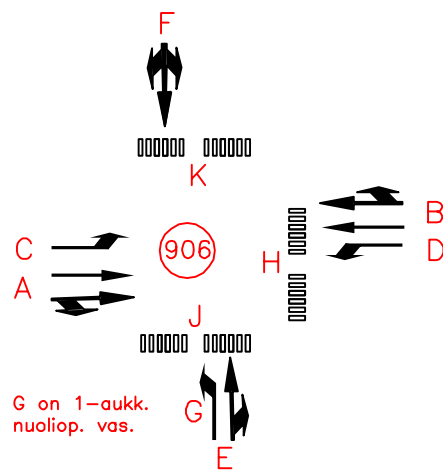
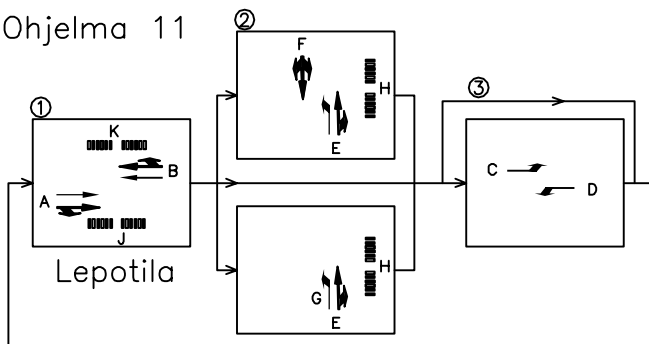


# RYHMÄT

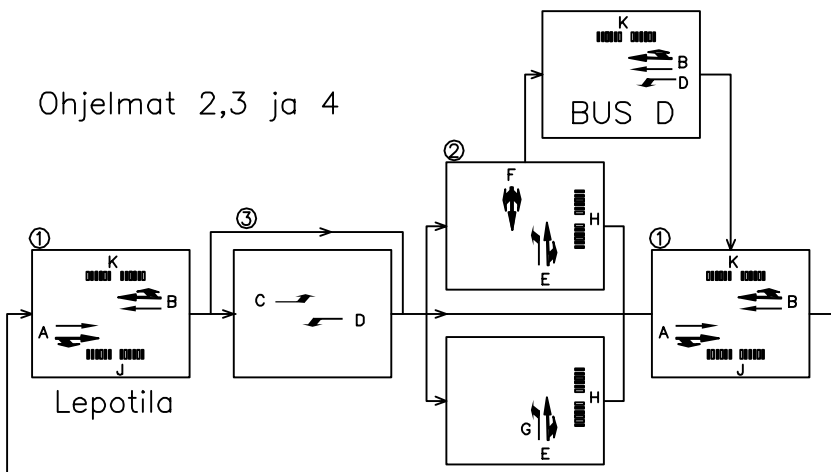


## VIHREIDEN TILOJEN KULKUKAAVIO

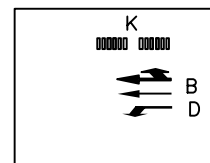
Ohjelma 11



Ohjelmat 2,3 ja 4



## PAKKO-OHJAUSTILA



| JOUKKOLIIKENNE-ETUUKSET |                                 |
|-------------------------|---------------------------------|
| A                       | PIDENNYS, AIENNUS               |
| B                       | PIDENNYS, AIENNUS               |
| D                       | PIDENNYS, AIENNUS, YLIM. VIHREÄ |
| F                       | PIDENNYS, AIENNUS               |

| AIENNUSNOLLAUKSET |                     |
|-------------------|---------------------|
| PYYTÄVÄ SUUNTA    | NOLLATTAVAT SUUNNAT |
| A                 | C*),D,E,F           |
| B                 | C,D*)E,F            |
| D                 | A,E,F               |
| E                 | A,B,C,D,            |

\*) OHJELMISSA 2-4

Ryhmäjärjestys ja kaistamuutos 11.9.13 PT  
Lisätty 1-aukk. ja bussietuudet 8.7.11 Traficon/JT



TAMPEREEN KAUPUNKI  
LIIKENNEVALOT

## VAIHEKAAVIO

LIITTYMÄ: [Hervannan valtavyöly/Teekkarinkatu/Korkeakoulunkatu](#)

NRO: 906

PIIR.NRO: 1

SUUNN.

PT

ARK.NRO:

TARK.

PVM: 11.9.2013

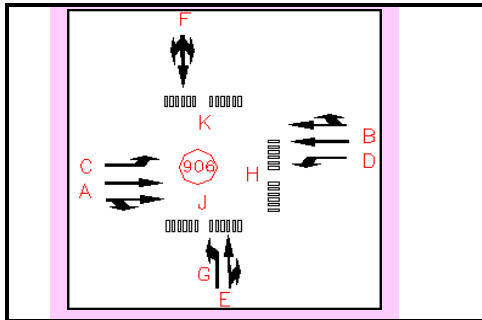
## SUOJA-AJAT

|                                      |    | A | L | K | A | V | A |   |   |   |    |  |  |  |  |  |  |
|--------------------------------------|----|---|---|---|---|---|---|---|---|---|----|--|--|--|--|--|--|
|                                      |    | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |  |  |  |  |  |  |
|                                      |    | A | B | C | D | E | F | G | H | J | K  |  |  |  |  |  |  |
| P<br>Ä<br>Ä<br>T<br>T<br>Y<br>V<br>Ä | 1  | A |   |   | 4 | 6 | 4 | 6 | 8 |   |    |  |  |  |  |  |  |
|                                      | 2  | B |   | 5 |   | 4 | 6 | 5 | 4 |   |    |  |  |  |  |  |  |
|                                      | 3  | C |   | 5 |   | 4 | 4 | 4 |   |   | 7  |  |  |  |  |  |  |
|                                      | 4  | D | 7 |   |   | 5 | 5 | 5 | 4 | 8 |    |  |  |  |  |  |  |
|                                      | 5  | E | 4 | 5 | 6 | 4 |   |   |   | 4 | 7  |  |  |  |  |  |  |
|                                      | 6  | F | 6 | 4 | 5 | 6 |   | 6 |   | 7 | 4  |  |  |  |  |  |  |
|                                      | 7  | G | 4 | 5 | 6 | 4 |   | 6 |   | 4 |    |  |  |  |  |  |  |
|                                      | 8  | H | 4 | 9 |   | 9 |   |   |   |   |    |  |  |  |  |  |  |
|                                      | 9  | J |   |   | 4 | 8 | 4 | 8 |   |   |    |  |  |  |  |  |  |
|                                      | 10 | K |   |   | 4 | 4 | 7 |   |   |   |    |  |  |  |  |  |  |

## VAIHTUMISAJAT

|                                      |    | A | L   | K | A | V | A   |     |   |   |    |  |  |  |  |  |  |
|--------------------------------------|----|---|-----|---|---|---|-----|-----|---|---|----|--|--|--|--|--|--|
|                                      |    | 1 | 2   | 3 | 4 | 5 | 6   | 7   | 8 | 9 | 10 |  |  |  |  |  |  |
|                                      |    | A | B   | C | D | E | F   | G   | H | J | K  |  |  |  |  |  |  |
| P<br>Ä<br>Ä<br>T<br>T<br>Y<br>V<br>Ä | 1  | A |     |   | 4 | 6 | 4   | 6   | 8 |   |    |  |  |  |  |  |  |
|                                      | 2  | B |     | 5 |   | 4 | 6   | 5   | 4 |   |    |  |  |  |  |  |  |
|                                      | 3  | C |     | 7 |   | 4 | 4   | 4   |   |   | 7  |  |  |  |  |  |  |
|                                      | 4  | D | 8   |   |   | 5 | 5   | 5   | 4 | 8 |    |  |  |  |  |  |  |
|                                      | 5  | E | 4   | 7 | 6 | 4 |     | 0,1 |   | 4 | 7  |  |  |  |  |  |  |
|                                      | 6  | F | 7   | 4 | 5 | 6 |     | 6   |   | 7 | 4  |  |  |  |  |  |  |
|                                      | 7  | G | 4   | 7 | 6 | 4 |     | 6   |   | 4 | 7  |  |  |  |  |  |  |
|                                      | 8  | H | 9   | 9 |   | 9 | 0,1 | 0,1 |   |   |    |  |  |  |  |  |  |
|                                      | 9  | J | 0,1 |   | 4 | 8 | 4   | 8   |   |   |    |  |  |  |  |  |  |
|                                      | 10 | K |     |   | 4 | 4 | 7   | 2   |   |   |    |  |  |  |  |  |  |

## OPASTINRYHMÄT



- > Ajoneuvoryhmä  
 - -> Apuryhmä (ajon.)  
 oooooo Jalankulkijaryhmä

Poistumis- ja saapumisnopeudet (m/s)

poistuva ajoneuvo: 10 (kääntyvät 8)  
 saapuva ajoneuvo: 11 (50km/h ja kääntyvät), 13 (60km/h)

- Lopetus vaihtumisaikojen mukaisesti  
 ▽ Välitön lopetus  
 □ Ei lopetusta  
 □ Ohjelmallinen vaihtumisaika (ei-todellinen konflikti)  
 □ Estävä aloitusviive (päättävä ryhmä = määräävä ryhmä)  
 □ Salliva aloitusviive (päättävä ryhmä = määräävä ryhmä)

### MUUT YHTEISET AJOITUKSET

Minimipunainen \_\_\_\_\_ S  
 Minimivihreä 2 \_\_\_\_\_ S  
 Maksimiodotusaika \_\_\_\_\_ S  
 Käynnistysjakso 1 \_\_\_\_\_ S  
 Käynnistysjakso 2 \_\_\_\_\_ S  
 Lopetusjakso \_\_\_\_\_ S

BUSSIETUUS  
 ryhmät:  
 A,B,D,E

PAKKO-OHJAUS  
 ryhmät:  
 B,D

PÄIVYSTYSLIITTYMÄ  
 KYLLÄ

| VILKKUVIHEREÄ: |     |     |
|----------------|-----|-----|
| H              | J   | K   |
| 2,5            | 2,5 | 2,5 |

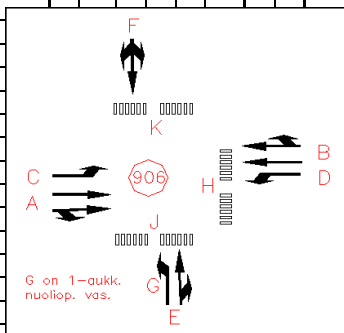
Ryhmäjärjestys (kaistamuutos) 11.9.13 PT

Lisätty 1-aukk. + vilkkuvihereät, poistettu fikt.al.viiveet + estävä al.viive 22.11.11 Traficon/JT

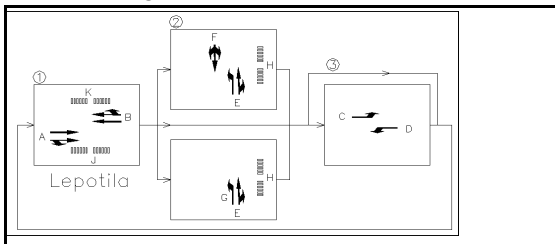
| Merkki                                                                                                                                                                          | Muutos | Pvm.     | Suunn.           | Tark. |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|------------------|-------|
|  <b>TAMPEREEN KAUPUNKI</b><br><b>LIIKENNEVALOT</b>                                         |        |          |                  |       |
| <b>LIIKENNEVALOSUUNNITELMA, AJOITUS</b><br>OPASTINRYHMIEN PERUSOHJELMOINTI<br>Liittymä: <a href="#">Hervannan valtavyälyä/Teekkarinkatu/Korkeakoulunkatu</a><br>Nro: <b>906</b> |        |          |                  |       |
| Suunn.                                                                                                                                                                          | PT     | Piir.no. | Pvm.             |       |
| Tark.                                                                                                                                                                           |        | <b>2</b> | <b>11.9.2013</b> |       |

# OPASTINRYHMIEN OHJELMOINTI

| Ryhmän tunnus            |                        | Vaihe-jako                                           | Minimi- ja maksimijat (s) |                             |                |              |                     |                      |            | Vihreän aloitustapa |          | Oheispyynnöt |               | Maksimiakka-laskennan käynnistystapa |                | Vihreän lopetustapa                      |                | Lopetus-viive (s)                          | Lepotila                               |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|--------------------------|------------------------|------------------------------------------------------|---------------------------|-----------------------------|----------------|--------------|---------------------|----------------------|------------|---------------------|----------|--------------|---------------|--------------------------------------|----------------|------------------------------------------|----------------|--------------------------------------------|----------------------------------------|-----------------------------------|----------------------------------|----------------------------------------|-----------------------------------|----------------------------------|--------|-----------------|----------|-----------|--------|---|
| Likennetekninen merkintä | Ryhmän numero kojeessa | Vihreän aloituslupa vaiheessa (vaihe bussipyynnöstä) | Punakeltainen             | Keltainen (kintea+nuuttuva) | Minimivihreä 1 | Takuumaksimi | Synkronointimaksimi | Etuumaksimi (lisäys) | Oma pyyntö | Kintea pyyntö       | Ryhmittä | Vaiheelta    | Muiden mukana | Erikoispyyntö                        | Vihreän alusta | Konfliktiryhmän pyynnöstä vihreän aikana | Vaiheen alusta | Konfliktiryhmän pyynnöstä omassa vaiheessa | Lopetus konfliktiryhmän käynnistytessä | Lopetus konfliktiryhmän pyynnöstä | Itse punaiseksi ilman lisäehtoja | Lopetus konfliktiryhmän käynnistytessä | Lopetus konfliktiryhmän pyynnöstä | Itse punaiseksi ilman lisäehtoja | Kintea | Liikenneohjattu | Punainen | Ennallaan | Vihreä |   |
| A                        | 1                      | 1                                                    |                           | 1                           | 3              | 6            | 10                  | 30 + 20              |            | X                   |          |              |               |                                      |                | X                                        |                |                                            | X                                      |                                   |                                  |                                        | X                                 |                                  |        |                 |          |           |        | X |
| B                        | 2                      | 1                                                    |                           | 1                           | 3              | 6            | 10                  | 30 + 30              |            | X                   |          |              |               |                                      |                | X                                        |                |                                            | X                                      |                                   |                                  |                                        | X                                 |                                  |        |                 |          |           |        | X |
| C                        | 3                      |                                                      | 3                         | 1                           | 3              | 4            | 5                   | 10                   |            | X                   |          |              |               |                                      |                | X                                        |                |                                            | X                                      |                                   |                                  |                                        | X                                 |                                  |        |                 |          | X         |        |   |
| D                        | 4                      |                                                      | 3                         | 1                           | 3              | 4            | 5                   | 10 + 20              | X          |                     |          |              |               |                                      |                | X                                        |                |                                            | X                                      |                                   |                                  |                                        | X                                 |                                  |        |                 |          | X         |        |   |
| E                        | 5                      | 2                                                    |                           | 1                           | 3              | 4            | 10                  | 15 + 20              | X          |                     | F        |              |               |                                      |                | X                                        |                |                                            | X                                      |                                   |                                  |                                        | X                                 |                                  |        |                 |          | X         |        |   |
| F                        | 6                      | 2                                                    |                           | 1                           | 3              | 4            | 10                  | 15                   | X          |                     |          |              |               |                                      |                | X                                        |                |                                            | X                                      |                                   |                                  |                                        | X                                 |                                  |        |                 |          | X         |        |   |
| G                        | 7                      |                                                      |                           |                             | 4              |              |                     |                      | X          |                     |          |              |               | 2)                                   |                | X                                        |                |                                            | X                                      |                                   |                                  |                                        | X                                 |                                  |        |                 |          |           |        |   |
| H                        | 8                      | 2                                                    |                           |                             | 13             |              |                     |                      | X          |                     |          |              |               |                                      |                | X                                        |                |                                            | X                                      |                                   |                                  |                                        | X                                 |                                  |        |                 |          | X         |        |   |
| J                        | 9                      | 1                                                    |                           |                             | 12             |              |                     |                      |            | X                   |          |              |               |                                      |                | X                                        |                |                                            | X                                      |                                   |                                  |                                        | X                                 |                                  |        |                 |          |           | X      |   |
| K                        | 10                     | 1                                                    |                           |                             | 11             |              |                     |                      |            | X                   |          |              |               |                                      |                | X                                        |                |                                            | X                                      |                                   |                                  |                                        | X                                 |                                  |        |                 |          |           | X      |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |
|                          |                        |                                                      |                           |                             |                |              |                     |                      |            |                     |          |              |               |                                      |                |                                          |                |                                            |                                        |                                   |                                  |                                        |                                   |                                  |        |                 |          |           |        |   |



## VAIHEKAAVIO



## RYHMIEN TOIMINTAKUVAUS

Ryhmä Vaihekuuluvuus, aloitus- ja lopetustavat

## MUU OHJELMOINTI

2) G saa luvan ja pyynnön E:n vihreästä, jos F ei ole vihreänä, G punaiseksi E:n keltaisesta

|            |                |
|------------|----------------|
| OHJAUSTAPA | Erillisohjattu |
| OHJELMA    | 11             |

Ryhmäjärjestys (kaistamuutos) 11.9.2013 PT

Lisätty 1-aukkoinen+ bussietuudet, 8.7.11 JT/Traficon

|                                                                |        |          |           |       |
|----------------------------------------------------------------|--------|----------|-----------|-------|
| Merkki                                                         | Muutos | Pvm.     | Suunn.    | Tark. |
| TAMPEREEN KAUPUNKI                                             |        |          |           |       |
| LIIKENNEVALOT                                                  |        |          |           |       |
| LIIKENNEVALOSUUNNITELMA, AJOITUS                               |        |          |           |       |
| OPASTINRYHMIEN OHJAUSTAPAKOHTAINEN OHJELMOINTI                 |        |          |           |       |
| Liittymä: Hervannan valtavyäylä/Teekkarinkatu/Korkeakoulunkatu |        |          |           |       |
| Nro: 906                                                       |        |          |           |       |
| Suunn.                                                         | PT     | Piir.no. | Pvm.      |       |
| Tark.                                                          |        | 3.11     | 11.9.2013 |       |

| ILMAISIN                                              |                       |                       |                   | PYyntÖ     |                       |                    |                  | PIDENNYS          |                        |                                     |                                       |                  |               | TOIMINTAKUVAUS   |                          |
|-------------------------------------------------------|-----------------------|-----------------------|-------------------|------------|-----------------------|--------------------|------------------|-------------------|------------------------|-------------------------------------|---------------------------------------|------------------|---------------|------------------|--------------------------|
| Ryhmä<br>Etäisyys pysäytysviivasta<br>Järjestysnumero | Ilmaisilogikan numero | Ohjattava opastinyhmä | Ohjaa aliohjelmää | Pyyntötapa | Muuttuva minimivihreä |                    | Käynnistyvyys    | Normaali-vihreä   | Muu pidennys           | Jatkuva ilmaisu vikatilanteessa     |                                       |                  |               |                  |                          |
|                                                       |                       |                       |                   | Muistiin   | Ei muistiin           | Minimi-ilmaisu (s) | Ilmaisuviive (s) | Kertakäynnistystä | Uudelleen käynnistystä | Ehdollisesti uudelleen käynnistystä | alkuarvo / loppuarvo / muutosaika (s) | Lopetusviive (s) | Keltainen (s) | Vahtumisaika (s) |                          |
| A45-1                                                 |                       | A                     |                   | X          |                       | 3/1.5/12           |                  |                   | X                      |                                     | 5.0/4.0/10                            |                  |               |                  |                          |
| A45-1                                                 |                       | E                     |                   |            |                       |                    |                  |                   |                        |                                     |                                       |                  |               |                  | POISTETAAN               |
| A45-2                                                 |                       | A                     |                   | X          |                       | 3/1.5/12           |                  |                   | X                      |                                     | 4.5/3.5/10                            |                  |               |                  |                          |
| A120-1                                                |                       | A                     |                   | X          |                       |                    |                  |                   | X                      |                                     | 7.0/6.0/10                            |                  |               |                  | VAIN OHJELMASSA 11       |
| A120-2                                                |                       | A                     |                   | X          |                       |                    |                  |                   | X                      |                                     | 7.0/6.0/10                            |                  |               |                  | VAIN OHJELMASSA 11       |
| B50-1                                                 |                       | B                     |                   | X          |                       | 3/1.5/12           |                  |                   | X                      |                                     | 5.0/4.0/10                            |                  |               |                  |                          |
| B50-2                                                 |                       | B                     |                   | X          |                       | 3/1.5/12           |                  |                   | X                      |                                     | 5.0/4.0/10                            |                  |               |                  | UUSI                     |
| B120-1                                                |                       | B                     |                   | X          |                       |                    |                  |                   | X                      |                                     | 6.5/5.5/10                            |                  |               |                  | VAIN OHJELMASSA 11       |
| B120-2                                                |                       | B                     |                   | X          |                       |                    |                  |                   | X                      |                                     | 6.5/5.5/10                            |                  |               |                  | UUSI. VAIN OHJELMASSA 11 |
| C1                                                    |                       | C                     |                   |            | X                     |                    |                  |                   | X                      |                                     | 2.0                                   |                  |               |                  |                          |
| C45                                                   |                       | C                     |                   | X          |                       |                    |                  |                   | X                      |                                     | 4.0                                   |                  |               |                  |                          |
| D1                                                    |                       | D                     |                   |            | X                     |                    |                  |                   | X                      |                                     | 2.0                                   |                  |               |                  |                          |
| D50                                                   |                       | D                     |                   | X          |                       |                    |                  |                   | X                      |                                     | 4.0                                   |                  |               |                  |                          |
| E1-1                                                  |                       | E                     |                   |            | X                     |                    |                  |                   | X                      |                                     | 2.0                                   |                  |               |                  |                          |
| E1-2                                                  |                       | E                     |                   |            | X                     |                    |                  |                   | X                      |                                     | 2.0                                   |                  |               |                  |                          |
| E45                                                   |                       | E                     |                   | X          |                       |                    |                  |                   | X                      |                                     | 4.0                                   |                  |               |                  |                          |
| F1                                                    |                       | F                     |                   |            | X                     |                    |                  |                   | X                      |                                     | 2.0                                   |                  |               |                  |                          |
| F40                                                   |                       | F                     |                   | X          |                       |                    |                  |                   | X                      |                                     | 4.0                                   |                  |               |                  |                          |
| H21-23                                                |                       | H                     |                   | X          |                       |                    |                  |                   |                        |                                     |                                       |                  |               |                  | PAINONAPIT               |
| Valopilkku A                                          |                       | A                     |                   | X          |                       |                    |                  |                   | X                      |                                     | 0.1                                   |                  |               |                  | estoaika 5 s             |
| Valopilkku B                                          |                       | B                     |                   | X          |                       |                    |                  |                   | X                      |                                     | 0.1                                   |                  |               |                  | estoaika 15 s            |
| Valopilkku D                                          |                       | D                     |                   | X          |                       |                    |                  |                   | X                      |                                     | 0.1                                   |                  |               |                  | estoaika 15 s            |
| Valopilkku E                                          |                       | E                     |                   | X          |                       |                    |                  |                   | X                      |                                     | 0.1                                   |                  |               |                  | estoaika 6s              |
| Pyyntö A50                                            |                       |                       |                   |            |                       |                    |                  |                   |                        |                                     |                                       |                  |               |                  | output 1                 |
| Kuitti A-10                                           |                       |                       |                   |            |                       |                    |                  |                   |                        |                                     |                                       |                  |               |                  | output 2                 |
| Pyyntö B150                                           |                       |                       |                   |            |                       |                    |                  |                   |                        |                                     |                                       |                  |               |                  | output 3                 |
| Kuitti B-10                                           |                       |                       |                   |            |                       |                    |                  |                   |                        |                                     |                                       |                  |               |                  | output 4                 |
| Pyyntö D150                                           |                       |                       |                   |            |                       |                    |                  |                   |                        |                                     |                                       |                  |               |                  | output 5                 |
| Kuitti D-10                                           |                       |                       |                   |            |                       |                    |                  |                   |                        |                                     |                                       |                  |               |                  | output 6                 |
| Pyyntö E60                                            |                       |                       |                   |            |                       |                    |                  |                   |                        |                                     |                                       |                  |               |                  | output 7                 |
| Kuitti E-10                                           |                       |                       |                   |            |                       |                    |                  |                   |                        |                                     |                                       |                  |               |                  | output 8                 |
|                                                       |                       |                       |                   |            |                       |                    |                  |                   |                        |                                     |                                       |                  |               |                  |                          |

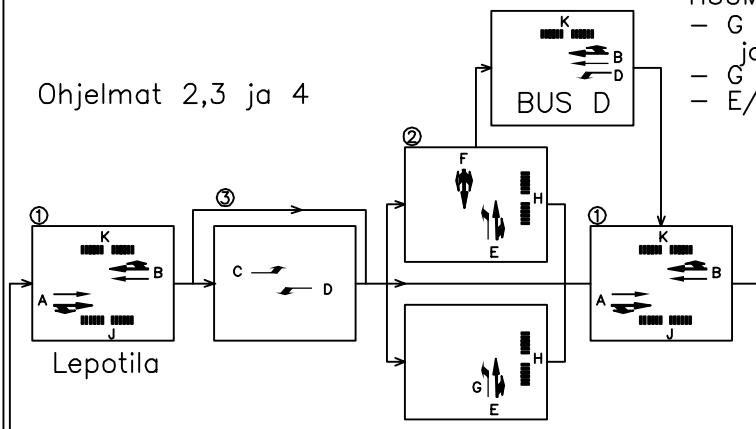
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|                                                                                                                                                                                  |        |                                         |      |           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------------------------------------|------|-----------|
| Merkki                                                                                                                                                                           | Muutos | Pvm.                                    |      | Tark.     |
|  <div style="text-align: center;"> <h1>TAMPEREEN KAUPUNKI</h1> <h2>LIIKENNEVALOT</h2> </div> |        |                                         |      |           |
| <h3>LIIKENNEVALOSUUNNITELMA, AJOITUS</h3> <h4>PAKKOETUUKSIEN OHJELMOINTI</h4>                                                                                                    |        |                                         |      |           |
| Liittymä:                                                                                                                                                                        |        | Hervannan vv/Teekkarink./Korkeakoulunk. |      |           |
| Nro:                                                                                                                                                                             |        | 906                                     |      |           |
| Suunn.                                                                                                                                                                           | PT     | Piir.no.                                | Pvm. |           |
| Tark.                                                                                                                                                                            |        | 7                                       |      | 11.9.2013 |

| OPASTINRYHMÄT |   |  | 10 20 30 40 50 60 70 80 90 100 110 120 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | PYYNTÖ  |                 | PYYDETTÄVÄ VAIHE |                 | MAKSIMIAIKA       |                   |                   | SYNKRO-<br>NOINTI |        | SYNK.<br>NOLLAUS |        | PASSIM-<br>VIHREÄN<br>ESTO |        | SYNK.<br>VIIVYYS |        |
|---------------|---|--|----------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---------|-----------------|------------------|-----------------|-------------------|-------------------|-------------------|-------------------|--------|------------------|--------|----------------------------|--------|------------------|--------|
|               |   |  |                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | KIINTEÄ | OHJES-<br>PYNTÖ | PERUS-<br>VIHREÄ | YLIM-<br>VIHREÄ | TAKUU-<br>MAKSIMI | SYNKR.<br>MAKSIMI | ETUUS-<br>MAKSIMI | ALKAA             | PÄÄTTY | ALKAA            | PÄÄTTY | ALKAA                      | PÄÄTTY | ALKAA            | PÄÄTTY |
| 1             | A |  |                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X       |                 | 1                |                 | 10                | 70                | +20               | 20                | 72     | 2                | 12     |                            |        |                  |        |
| 2             | B |  |                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X       |                 | 1                |                 | 10                | 70                | +30               | 20                | 74     | 4                | 14     |                            |        |                  |        |
| 3             | C |  |                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |         |                 | 2                |                 | 5                 | 15                | -                 | 72                | 10     | 15               | 50     |                            |        |                  |        |
| 4             | D |  |                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |         |                 | 2                | 4               | 5                 | 20                | +20               | 72                | 10     | 15               | 35     |                            |        |                  |        |
| 5             | E |  |                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |         | F               | 3                |                 | 10                | 20                | +20               | 10                | 23     | 33               | 60     |                            |        |                  |        |
| 6             | F |  |                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |         |                 | 3                |                 | 10                | 20                | -                 | 10                | 23     | 33               | 60     |                            |        |                  |        |
| 7             | G |  |                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |         |                 |                  |                 |                   |                   |                   |                   |        |                  |        |                            |        |                  |        |
| 8             | H |  |                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |         | E               | 3                |                 |                   |                   |                   |                   |        |                  |        |                            |        |                  |        |
| 9             | J |  |                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X       |                 | 1                |                 |                   |                   |                   |                   |        |                  |        |                            |        |                  |        |
| 10            | K |  |                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X       |                 | 1                |                 |                   |                   |                   |                   |        |                  |        |                            |        |                  |        |

Ohjelmat 2,3 ja 4



HUOM:

- G saa luvan ja pyynnön E:n vihreästä, jos F ei ole vihreänä
- G punaiseksi E:n keltaisesta
- E/F etuusaika (=al.luvan poisto) 0s.

Tre-pohjalle + Ryhmäjärjestys + suoja-aikamuutos 11.9.2013 PT



TAMPEREEN KAUPUNKI  
LIIKENNEVALOT

RYHMÄKOHTAINEN AJOITUSKAAVIO

LIITTYMÄ: [Hervannan vv/Teekkarink./Korkeakoulunk.](#)

NRO: 906 OHJ.NRO: 2 ja 4 KIERTO: 80s

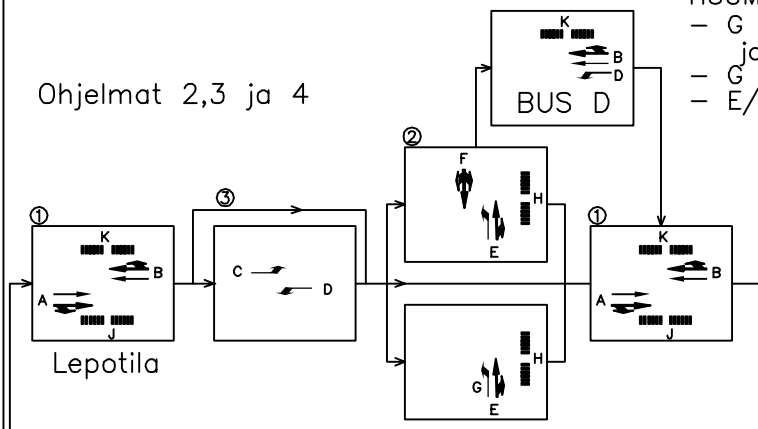
KÄYTTÖTARKOITUS: [Päiväliikenne ja iltaruuhka](#)

SUUNN. Traficon/JT PIIR.NRO: 5.2\_4

TARK. PVM: 22.11.2011

| OPASTINRYHMÄT |   |  | 10 20 30 40 50 60 70 80 90 100 110 120 |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  | PYYNTÖ |   | PYYDETTÄVÄ VAIHE |   | MAKSIMIAIKA |    |    | SYNKRO-<br>NOINTI |    | SYNK.<br>NOLLAUS |    | PASSIMI-<br>VIHREÄN<br>ESTO |  | SYNK.<br>VIIVYTYS |  |  |
|---------------|---|--|----------------------------------------|------------------|------------------|----------------|-------------------|-------------------|-------------------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--|--|--|--|--|--|--|--------|---|------------------|---|-------------|----|----|-------------------|----|------------------|----|-----------------------------|--|-------------------|--|--|
|               |   |  | KIINTEÄ                                | OHJES-<br>PYYNTÖ | PERUS-<br>VIHREÄ | YLM.<br>VIHREÄ | TAKUU-<br>MAKSIMI | SYNKR.<br>MAKSIMI | ETUUS-<br>MAKSIMI | ALKAA | PÄÄTTY | ALKAA | PÄÄTTY | ALKAA | PÄÄTTY | ALKAA | PÄÄTTY | ALKAA | PÄÄTTY |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
| 1             | A |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  | A      | X |                  | 1 |             | 10 | 70 | +20               | 30 | 79               | 9  | 19                          |  |                   |  |  |
| 2             | B |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  | B      | X |                  | 1 |             | 10 | 70 | +30               | 30 | 79               | 9  | 19                          |  |                   |  |  |
| 3             | C |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  | C      |   |                  | 2 |             | 5  | 0  | -                 | 79 | 15               | 25 | 60                          |  |                   |  |  |
| 4             | D |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  | D      |   |                  | 2 | 4           | 5  | 20 | +20               | 79 | 15               | 25 | 45                          |  |                   |  |  |
| 5             | E |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  | E      |   | F                | 3 |             | 10 | 20 | +20               | 15 | 32               | 43 | 70                          |  |                   |  |  |
| 6             | F |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  | F      |   |                  | 3 |             | 10 | 20 | -                 | 15 | 32               | 43 | 70                          |  |                   |  |  |
| 7             | G |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  | G      |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
| 8             | H |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  | H      |   | E                | 3 |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
| 9             | J |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  | J      | X |                  | 1 |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
| 10            | K |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  | K      | X |                  | 1 |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |
|               |   |  |                                        |                  |                  |                |                   |                   |                   |       |        |       |        |       |        |       |        |       |        |  |  |  |  |  |  |  |        |   |                  |   |             |    |    |                   |    |                  |    |                             |  |                   |  |  |

Ohjelmat 2,3 ja 4



HUOM:

- G saa luvan ja pyynnön E:n vihreästä, jos F ei ole vihreänä
- G punaiseksi E:n keltaisesta
- E/F etuusaika (=al.luvan poisto) 0s.

Tre-pohjalle + Ryhmäjärjestys + suoja-aikamuutos 11.9.2013 PT



TAMPEREEN KAUPUNKI  
LIIKENNEVALOT

RYHMÄKOHTAINEN AJOITUSKAAVIO

LIITTYMÄ: [Hervannan vv/Teekkarink./Korkeakoulunk.](#)

NRO: 906 OHJ.NRO: 3 KIERTO: 80s

KÄYTTÖTARKOITUS: Aamuruuhka

SUUNN. Traficon/JT PIIR.NRO: 5.3

TARK. PVM: 22.11.2011