

Neil Rolnick

The Economic Engine

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The Economic Engine

1. Traffic

score v3

Neil Rolnick

♩ = 72

Musical score for measures 1-9 of 'Traffic'. The score is written for Erhu, Yangqin, Guzheng, Pipa, Violin I, Violin II, Viola, and Violoncello. The tempo is marked as ♩ = 72. The key signature is one sharp (F#). The time signature changes from 3/4 to 4/4 in measure 2 and remains 4/4 for the rest of the section. The Guzheng and Pipa parts feature 'ECHO ON' markings. The Viola part has a 'pizz' marking. The Violoncello part has a 'mute' marking and a 'ppp' marking. The score includes various musical notations such as slurs, ties, and dynamic markings.



Musical score for measures 10-18 of 'Traffic'. The score continues from the previous page. The tempo is marked as ♩ = 120. The key signature is one sharp (F#). The time signature changes from 4/4 to 3/4 in measure 10 and remains 3/4 for the rest of the section. The Guzheng and Pipa parts feature 'ECHO OFF' markings. The Violin I and II parts have 'ECHO ON' and 'pizz.' markings. The Viola part has an 'ECHO OFF' marking. The Violoncello part has a 'pp' marking. The score includes various musical notations such as slurs, ties, and dynamic markings.

20

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

mp

pp

mf

pp

arco.

mp

mf

gliss.



27

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

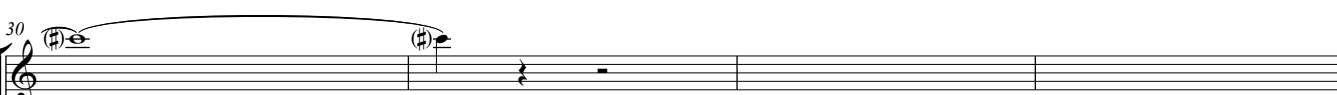
mp

p

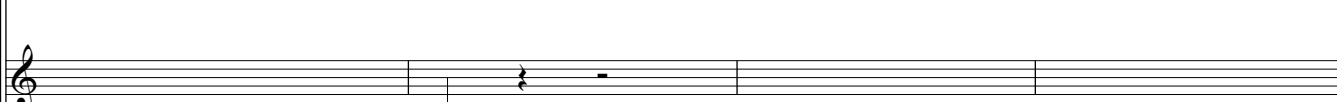
mp

arco.

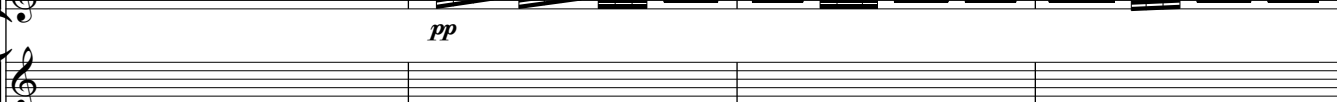
p

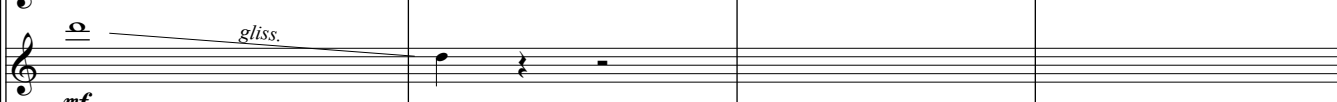
Er. 30 

Yqn. 

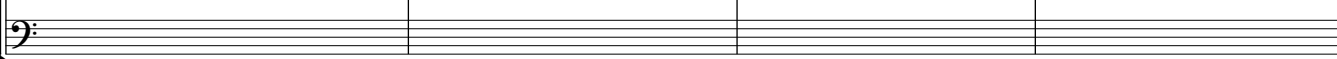
Gzhn. 

Pipa 

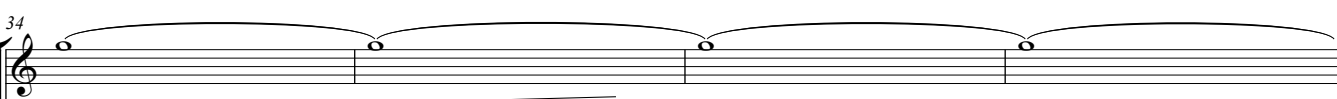
Vln. I 

Vln. II 

Vla. 

Vc. 



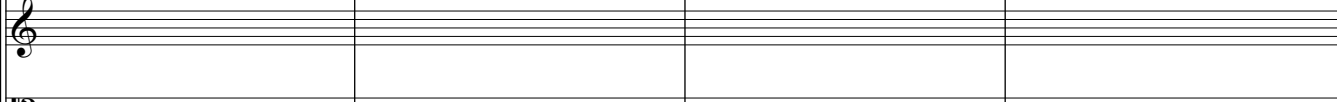
Er. 34 

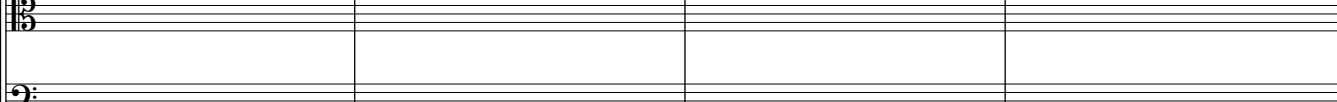
Yqn. 

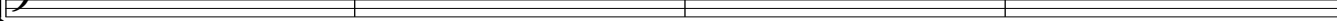
Gzhn. 

Pipa 

Vln. I 

Vln. II 

Vla. 

Vc. 

38

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

p

mp

p

arco.



41

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

mf

p

gliss.

mp

mf

45

Er. *mf* *gliss.*

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla. *mp*

Vc.



48

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

50

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.



52

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

55

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

mp

mf gliss.

p

mute off



58

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

60

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.



62

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

65

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.



68

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

71

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.



74

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

78

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

==

82

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

86

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.



90

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

f

p

gliss.

f

mp

mp

f

95

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

98

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

102

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

106

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

110

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

114

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

118

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.



121

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

p

pp

pizz.

p

126

Er. *pp*

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.



135

Er. *mp*

Yqn. *mp*

Gzhn. *mp*

Pipa *mp* *mf*

Vln. I *mp*

Vln. II

Vla.

Vc. *mf*

143

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

pp

mf

mf

151

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

p

mp

f

f

ff

strum

p

mp

f

p

mp

f

f

ff

♩ = 72

159

Er.

Yqn.

Gzhn.

Pipa

ECHO ON

mp

3

♩ = 72

Vln. I

Vln. II

Vla.

ECHO ON

mp

pizz.

arco.

3

Vc.

ppp



168

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

175

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

ECHO OFF

ECHO OFF

score v5

Neil Rolnick

score v3

♩ = 66

Erhu

Yangqin

Guzheng

Pipa

Violin I

Violin II

Viola

Violoncello

mp

tr

mp

♩ = 66



9

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

FADE IN PROCESS

mf

tr

mp

pizz.

mf

pizz.

mp

pizz.

mf

17

Er. *tr* **PROCESS**

Yqn.

Gzhn. **PROCESS** *mf*

Pipa

Vln. I

Vln. II

Vla. **ECHO** pizz. *mf*

Vc. *mf*



24

Er. *gliss.* *tr* $\text{♩} = 132$

Yqn.

Gzhn. *gliss.*

Pipa

Vln. I $\text{♩} = 132$ arco *f*

Vln. II

Vla.

Vc. **ECHO OFF** arco. *f*

31

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

arco

ECHO OFF

f



37

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

mf

mf

mf

pp $\leftarrow$ *mf*

mf *arco.*

pp $\leftarrow$ *mf*

pp $\leftarrow$ *mf*

mf

47

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

51

Er. *mp* **PROCESS**

Yqn.

Gzhn. *mp* **PROCESS**

Pipa *f* **ECHO**

Vln. I *pp* *f*

Vln. II *pp* *f*

Vla. *pp* *f*

Vc. *f*

56

Er. *gliss.* *p* *tr* *gliss.*

Yqn.

Gzhn. *p* **PROCESS**

Pipa

Vln. I *pp* *f*

Vln. II *pp* *f*

Vla. *pp* *f* **PROCESS** *pizz.* *p*

Vc.

72

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

pp

mf

PROCESS OFF

77

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

ECHO

f *pp* *f* *pp* *f* *pp* *f* *pp* *f*

82

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

ECHO OFF

mf *pp* *f* *pp* *f* *pp* *f* *pp* *f*

86

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.



89

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

The Economic Engine
3. Opaque Air
score v6

Neil Rolnick

♩ = 120

FADE IN PROCESSING

Erhu

Yangqin

Guzheng

Pipa

Violin I

Violin II

Viola

Violoncello

p *mp* *mf* *pp*

Glas.

10

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

pp *mf*

14

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.



18

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

22

Er. *mf* *p*

Yqn.

Gzhn. PROCESSING ON

Pipa

Vln. I

Vln. II *pp*

Vla. *pp*

Vc. *pp*

31

Er. *p* *mf*

Yqn.

Gzhn.

Pipa

Vln. I *mf*

Vln. II *mf* *pp*

Vla. *mf* *pp*

Vc. *mf* *pp*

38

Er. *pp* *mf*

Yqn.

Gzhn. *f*

Pipa

Vln. I *mf*

Vln. II *mf*

Vla. *mf*

Vc. *mf*

44

Er. *p*

Yqn.

Gzhn. *f*

Pipa

Vln. I *mf*

Vln. II *pp*

Vla. *pp*

Vc. *pp*

50

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

f

mf

pp

FADE UP PROCESSING



65

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

p

pp

mf

72

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

ECHO ON

mf

3

76

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

mp

mf

ECHO OFF

f

3

3

3

3

3



82

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

pp

pp

91

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

f

p

mf

pp

PROCESSING ON



95

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

mp

p

mf

99

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

f

mf

pp

103

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

f

mf

pp

107

Er. *mp*

Yqn.

Gzhn. **PROCESSING OFF**

Pipa

Vln. I

Vln. II *mf*

Vla. *mf*

Vc. *mf*



111

Er. *mf*

Yqn. *p*

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

115

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

mp

p

pp

The musical score for measures 115-120 is presented. The Erhu (Er.) part is the only instrument with notation. It begins with a treble clef and a key signature of one sharp (F#). The melody starts with a series of eighth and sixteenth notes, followed by a half note, and then a series of quarter and eighth notes. The dynamics are marked as *mp* (mezzo-piano) at measure 115, *p* (piano) at measure 117, and *pp* (pianissimo) at measure 119. The other instruments (Yqin, Guzheng, Pipa, Violins I & II, Viola, and Cello) are shown as empty staves, indicating they are silent during this passage.

The Economic Engine
4. Hutong to Highrise
score v2

Neil Rolnick

$\text{♩} = 120$ (freely)

PROCESSING ON

Erhu *mp*

Yangqin *mp*

Guzheng *p*

Pipa

$\text{♩} = 120$ (freely)

Violin I *mp*

Violin II *mp*

Viola

Violoncello

==

8

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

PROCESSING ON

mf

p

p

15

Er. *mf* *p*

Yqn. *mf*

Gzhn.

Pipa *p* *mf*

Vln. I

Vln. II

Vla.

Vc.

22

A tempo **PROCESSING OFF** **accel.** $\text{♩} = 144$

Er. *mf* **PROCESSING OFF**

Yqn. *mf* **PROCESSING OFF**

Gzhn. *mp* **PROCESSING OFF**

Pipa

A tempo **accel.** **PROCESSING OFF** $\text{♩} = 144$

Vln. I *mf* **PROCESSING OFF**

Vln. II *mp* **PROCESSING OFF**

Vla.

Vc. *mp* *mf*

28

Er.

Yqn.

Gzhn.

Pipa PROCESSING OFF
mp

Vln. I

Vln. II

Vla. PROCESSING OFF

Vc.

34

Er.

Yqn.

Gzhn.

Pipa *mf*

Vln. I

Vln. II

Vla. PROCESSING OFF
mf
pizz.

Vc. *mp*

40

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.



45

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

f

mp

f

mp

arco

p

51

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

56

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

63

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.



70

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

76

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.



82

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

88

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

mp

mp

p

p

94

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

p

mf

p

pp

pp

pp

f

f

f

103

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

mf

mp

p

pp

PROCESSING OFF



111

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

mp

pizz.

p

PROCESSING OFF

117

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

pp

pp

pp

p
arco

pp



123

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

p

129

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

mf

mp

135

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

mf

mp

141

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

p

pp

mf

p

pp

pp

pp



148

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

mf

pp

PROCESSING ON

mf

pp

mf

pp

pp

mf

pp

pp

pp

156

Er. *pp* *mf*

Yqn.

Gzhn. *mf*

Pipa *mf* PROCESSING ON

Vln. I *mf*

Vln. II *pp* *mf*

Vla. *mf* *pp*

Vc. *mf* *pp*

==

163

Er. *pp* *mf* *pp*

Yqn.

Gzhn. *mf*

Pipa *mp*

Vln. I *mf*

Vln. II *pp* *mf* *pp*

Vla. *mf* *pp*

Vc. *mf* *pp*

171

Er. *p* *p*

Yqn. *mf*

Gzhn.

Pipa *mf*

Vln. I *mf*

Vln. II *p* *p*

Vla. *p* *p*

Vc. *p* *p*



177

Er. *mf* *pp*

Yqn. *mf*

Gzhn.

Pipa

Vln. I *mf*

Vln. II *mf* *pp*

Vla. *mf* *pp*

Vc. *mf* *pp* *pp*

186 ♩ = 120 (freely)

Er.

Yqn. **PROCESSING ON**
mp

Gzhn. **PROCESSING ON**
p

Pipa **PROCESSING ON**
mp

♩ = 120 (freely)

Vln. I *p*

Vln. II **PROCESSING ON**
mp

Vla. **PROCESSING ON**
mf

Vc.

194 **PROCESSING ON**

Er. *mf*

Yqn. *mf*

Gzhn.

Pipa *p* *mf*

Vln. I

Vln. II

Vla.

Vc.

A tempo PROCESSING OFF **accel.** ♩ = 144

200

Er. *mf*

Yqn. *mf* PROCESSING OFF

Gzhn. *mf* PROCESSING OFF

Pipa

A tempo **accel.** ♩ = 144

Vln. I

Vln. II *mf* PROCESSING OFF

Vla.

Vc. *mf* *p*

206

Er.

Yqn.

Gzhn.

Pipa PROCESSING OFF *pp* *~*

Vln. I

Vln. II

Vla.

Vc. *pp*

212

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

p

p

p

217

Er.

Yqn.

Gzhn.

Pipa

Vln. I

Vln. II

Vla.

Vc.

p

p

[illegible]

231

Er. *f* *ff*

Yqn. *f* *ff*

Gzhn. *f* *ff*

Pipa *f* *ff*

Vln. I *f* *ff*

Vln. II *f* *ff*

Vla. *f* *ff*

Vc. *f* *ff*