

A black and white photograph of a modern, two-story brick building with a grid of windows. The building is identified as the International School Hamburg. A blue semi-transparent banner is overlaid on the lower portion of the image. In the foreground, a paved plaza with bollards and a group of people walking is visible.

# SAFE ROUTE TO SCHOOL

Project Progress Report 2

GROUP 1

**Xiaoyi Wang, Mandi Xu, Yang Li, Haochen Zhang**

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# CONTENTS

**PART 01** INVESTIGATION FEEDBACK

**PART 02** TRANSPORTATION RENEWAL

**PART 03** CONSCIOUSNESS-RAISING



## **PART 01**

# **INVESTIGATION FEEDBACK**

## INVESTIGATION FEEDBACK



### ■ Investigation Feedback

- ❑ Ambiguous Traffic Flow Direction
- ❑ Traffic Congestion after School
- ❑ Illegal Parking
- ❑ Parking Lot Nearby
- ❑ Parking Condition of Private & Shared Bikes
- ❑ Unsafely Crossing the Street
- ❑ Parents' Concern on Traffic Safety

## INVESTIGATION FEEDBACK

### ■ Ambiguous Traffic Flow Direction



Ambiguous traffic sign leads to driving in the wrong direction

## INVESTIGATION FEEDBACK

### ■ Traffic Congestion after School



## INVESTIGATION FEEDBACK

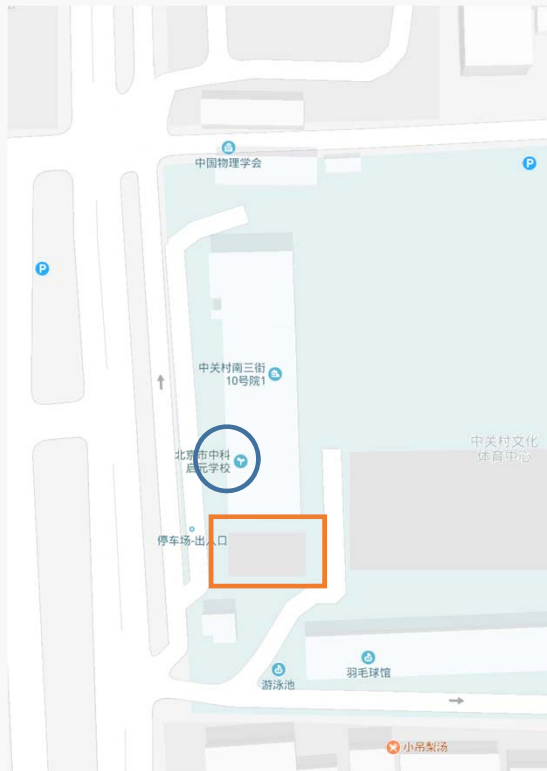
### ■ Illegal Parking



Illegal parking of some private cars and waste recycling trucks

# INVESTIGATION FEEDBACK

## ■ Parking Lot Nearby



- Scale : About 45 parking spaces
- Charges : 1.25 yuan per quarter
- Occupation rate : less than 50%



## INVESTIGATION FEEDBACK

### ■ Parking Condition of Private & Shared Bikes



Parking of private & shared bikes occupies the non-motor vehicle lane

## INVESTIGATION FEEDBACK

### ■ Unsafely Crossing the Street



### ■ Parents' Concern on Traffic Safety



## PART 02

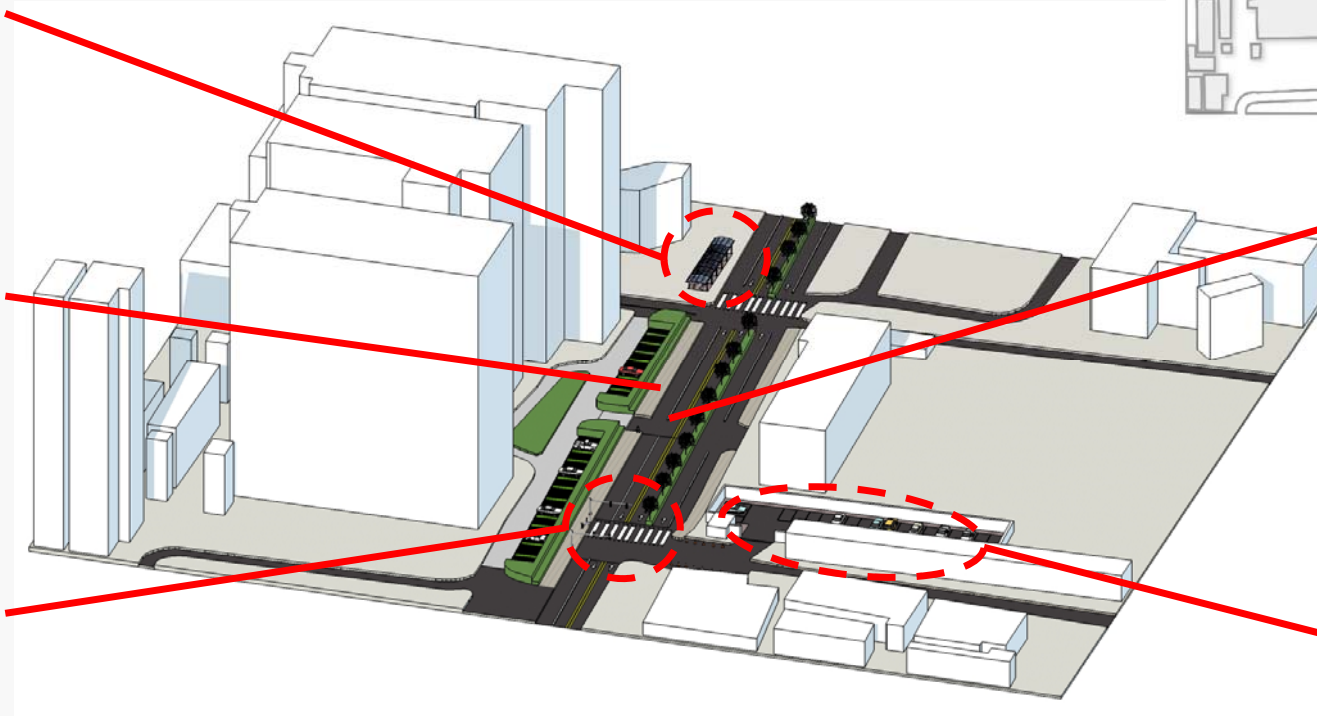
# TRANSPORTATION RENEWAL

# TRANSPORTATION RENEWAL

**New Parking Place for Shared Bikes**

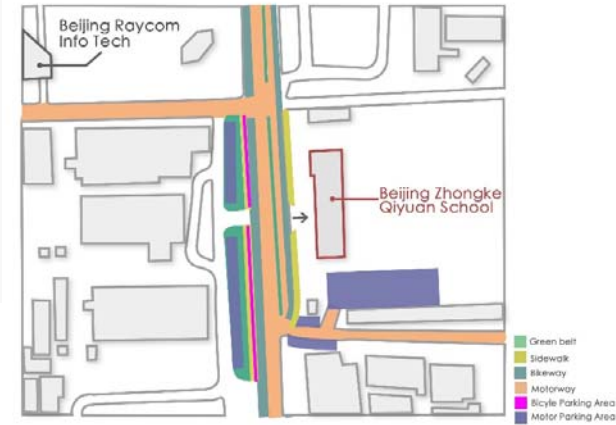
**Wider Sidewalk**

**New Traffic Light**



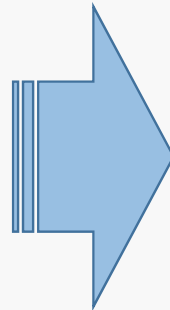
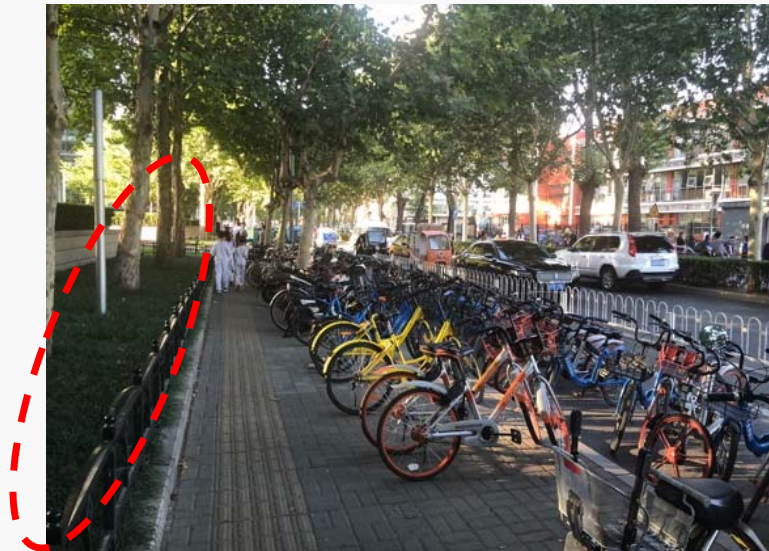
**Clearer Traffic Lane**

**Take full advantage of existing Parking lots**



# TRANSPORTATION RENEWAL

## ■ 1 WIDER SIDEWALK

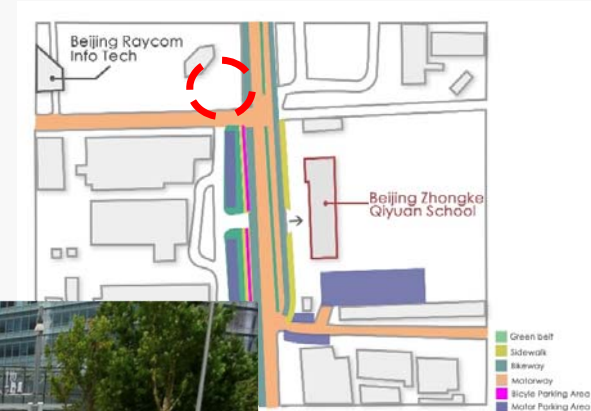
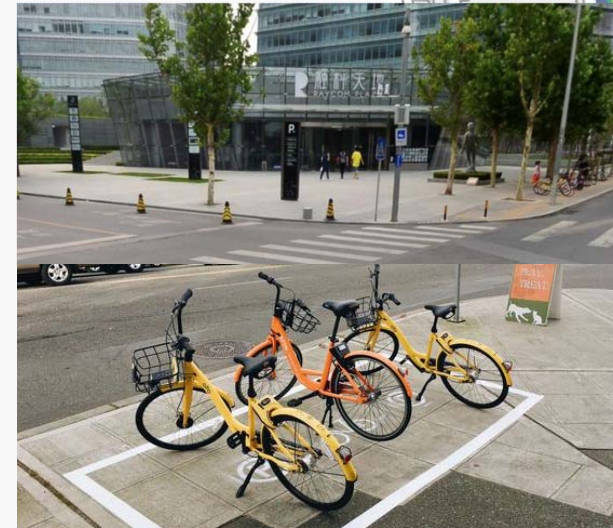
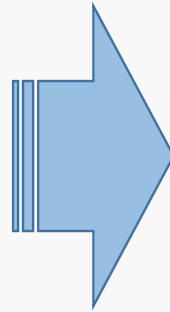
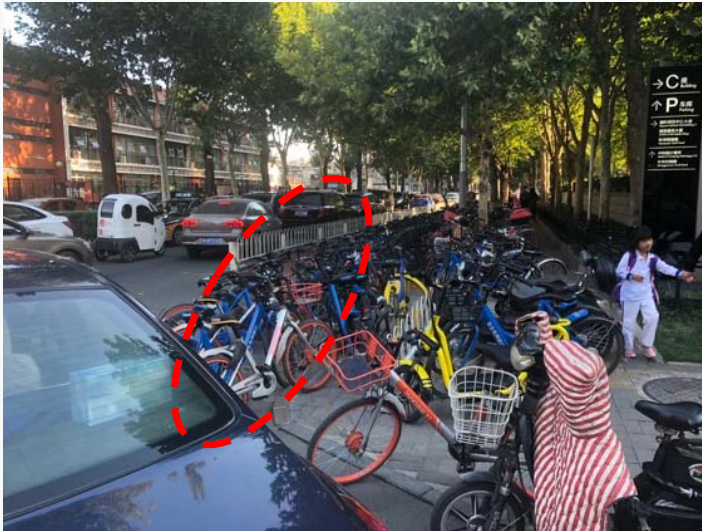


### **Solutions: Change the green belt to the permeable bricks**

- Make the sidewalk wider
- Guarantee the greening rate

## TRANSPORTATION RENEWAL

### ■ 2 NEW PARKING PLACE FOR SHARED BIKES

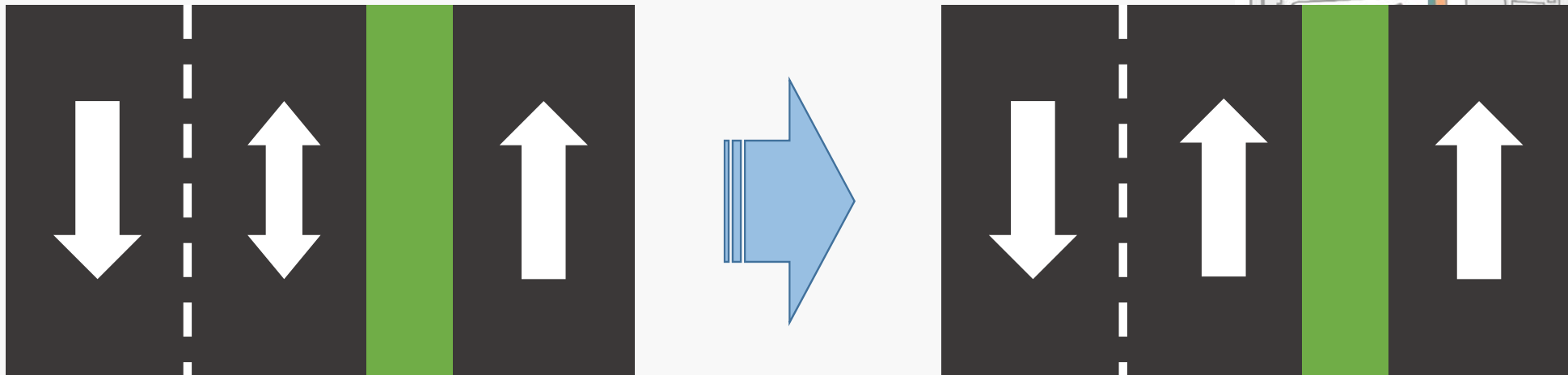


**Solutions: Create new parking places for the shared bikes at the northwestern square of the crossing road**

- Forbid parking the bike on the bicycle lane
- Enough place on the square

## TRANSPORTATION RENEWAL

### ■ 3 CLEARER TRAFFIC LANE

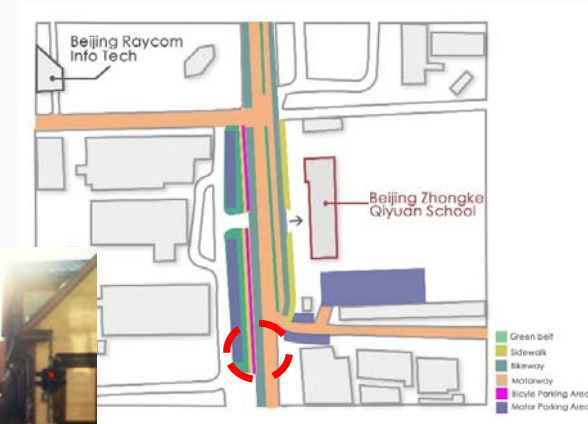
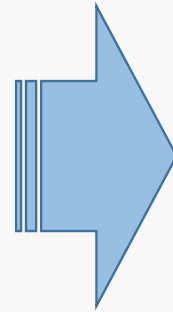
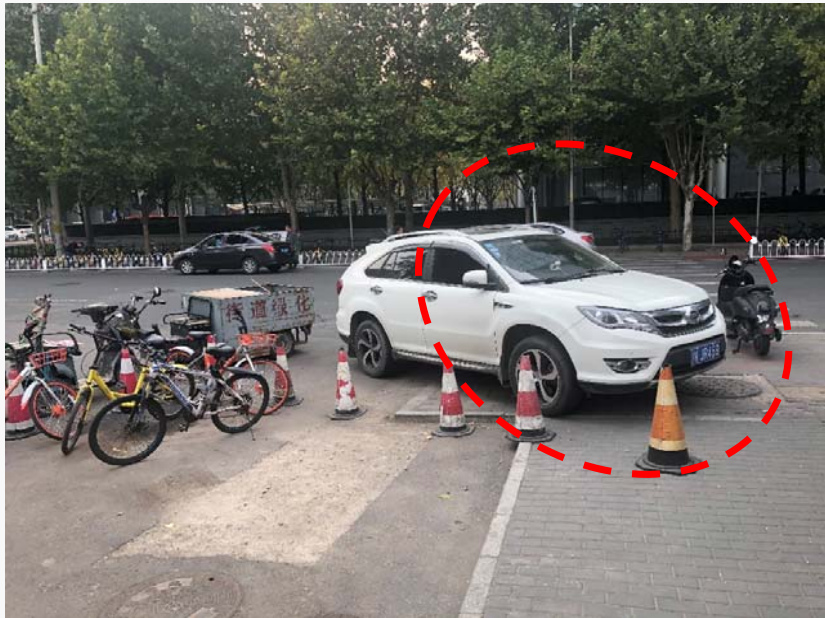


#### **Solutions: Change the double lane to single lane**

- Reduce Traffic congestion
- Make it more convenient for the parents send students to school by car

## TRANSPORTATION RENEWAL

### ■ 4 NEW TRAFFIC LIGHT AND SIGNALS



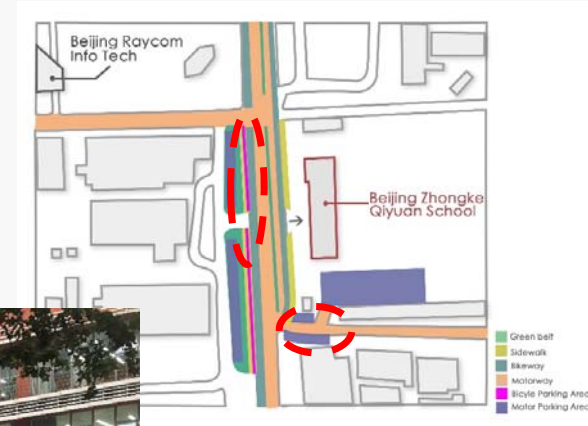
### **Solutions: Bring in traffic signals in the major crossings near school**

- Activate the system in specific periods with the assistance of local supervisor
- Set handy switches for the traffic lights when necessary



## TRANSPORTATION RENEWAL

### ■ 5 TAKE FULL ADVANTAGE OF EXISTING PARKING LOTS



### Temporary Issues

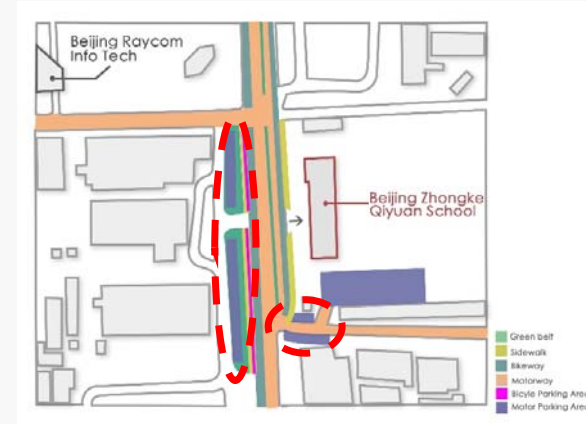
- Without explicit signals on the road, illegal parking arises frequently
- Drivers avoid to use parking lots for lack of information and inconvenience

# TRANSPORTATION RENEWAL

## 5 TAKE FULL ADVANTAGE OF EXISTING PARKING LOTS

Parking Lots	PCCW Information Center (Ground)	PCCW Information Center (Underground)	Parking Lots attached to culture and Sports Center
Num of Parking Units	264	264	50*
Usage Rate	40%	70%	50%
Parking Price	¥2/ 12 min Free when less than a complete time unit	¥1.25/ 15 min Free when less than a complete time unit	

Resource: Field survey & Open data on anjuke.com

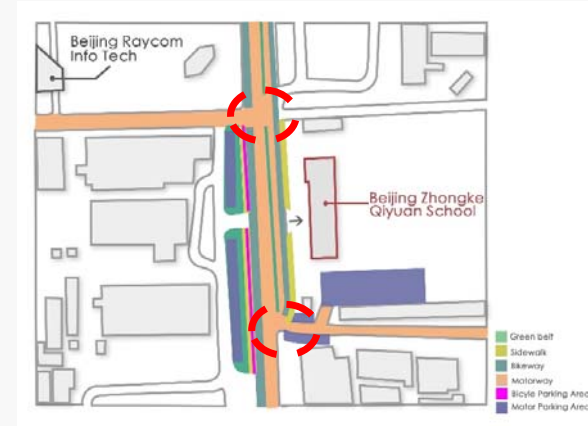
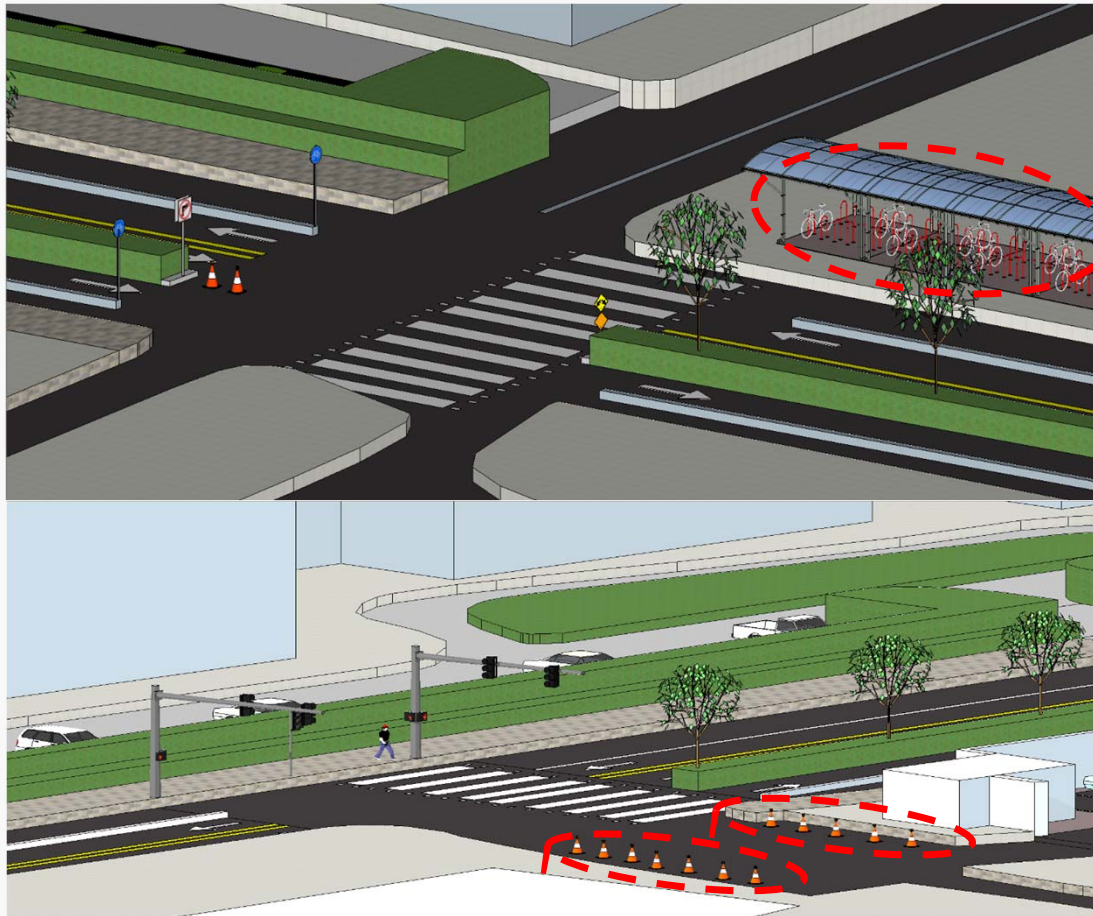


### Solutions: Clear out enough entrance space for parking lots

- Combine green belt with railings to avoid jaywalking
- Regulate working hours for garbage trucks to clear out entrance space around depot
- Paste conspicuous notices and use double yellow lines to encourage drivers park in denoted areas temporarily

# TRANSPORTATION RENEWAL

## ■ EFFECT DIAGRAM THROUGH MODELLING



### Figure I---North Crossing

- Signals: bicycle, double yellow line, no-left turn, road direction
- Facility: bicycle depot, entrance for PCCW parking lots

### Figure II---South Crossing

- Signals: bicycle, double yellow line, children crossing, road direction
- Facility: traffic lights, entrance for all parking lots



## PART 03 CONSCIOUSNESS-RAISING

## CONSCIOUSNESS-RAISING

### ■ Character-students

- Weak safety consciousness: can't realize the danger around them
- Unique behavior patterns: lose concentration because addicted to playing; make sudden intense and uncontrolled movements
- The greatest impact: long-term congestion can bring negative emotions; students are most likely to be injured in accidents

## SAFETY EDUCATION

IMPORTANCE OF TRAFFIC SAFETY & WHAT TO DO TO PROTECT THEMSELVES

## CONSCIOUSNESS-RAISING

### ■ Character-students

- Guardians of children: responsible for their children's behavior
- Main character of traffic: have a great impact on the traffic situation
- Demonstration effect and educational: their behavior can be transmitted to children

## PROVIDE SUGGESTIONS

PROPAGANDA FOR RENEWAL & APPROPRIATE GUIDANCE

# CONSCIOUSNESS-RAISING

## ■ Specific measures



### LEAFLETS: TEAR-APART STYLE FOR CHILDREN & PARENTS

### 给孩子的安全提示

放学路上，你的安全是家长最大的牵挂  
学好交通安全知识，更好地保护自己

请你：

- 停止玩耍，不要奔跑
- 过马路时，注意车辆
- 看交通灯，听从指挥
- 遵守规则，小心避让



绿色出行，小朋友们可以从一点一滴做起  
你可以：


- 如果家近，建议爸爸妈妈步行或骑车接送你
- 如果家远，建议爸爸妈妈选择公共交通方式
- 如果你已经高年级并且有同学顺路，可以尝试自己回家，不麻烦爸爸妈妈接送啦

CSTC路见安全上学路&THU小组


### 给家长的出行建议


为了您和孩子的交通安全  
为了校园周边的出行秩序

请您在驾车时：



- 礼让慢行，注意行人
- 按照规定车道行驶
- 泊车至专用停车位，减少道路占用
- 接送完毕，避免长时间在校门口拥挤停留



绿色出行，做好孩子的环保榜样 

建议您：

- 接送孩子，步行或者自行车也是不错的选择
- 选择公共交通，带孩子熟悉这座城市
- 鼓励高年级孩子独自上下学，培养独立意识

可撕开分别阅读

CSTC路见安全上学路&THU小组

## CONSCIOUSNESS-RAISING

### ■ Specific measures

#### RECRUIT PARENTS AS VOLUNTEERS

- Serve as street observers, intersection commanders, school safety instructors
- Enhance parents' sense of participation
- Stimulate children's sense of responsibility and pride





A black and white photograph of a modern, two-story brick building with a grid of windows. The building is identified as the International School Hamburg. In the foreground, a paved plaza with bollards is visible, and a group of people, including children and adults, are walking towards the school entrance. A blue semi-transparent banner is overlaid on the bottom left of the image.

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