

A black and white photograph of a modern, multi-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 building entrance. A semi-transparent blue banner is overlaid on the lower portion of the image, containing white text.

SAFE ROUTE TO SCHOOL

Project Progress Report 1

GROUP 1

Xiaoyi Wang, Mandi Xu, Yang Li, Haochen Zhang

2018.10.22



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PART 01

INVESTIGATION FEEDBACK

INVESTIGATION FEEDBACK

INVESTIGATION LIST



4 PRIMARY SCHOOLS

- NO.3 EXPERIMENTAL PRIMARY SCHOOL OF HAIIDIAN, BEIJING
- ZHONGGUANCUN SECOND PRIMARY SCHOOL
- ZHONGGUANCUN FIRST PRIMARY SCHOOL
- ZHONGKEQIYUAN PRIMARY SCHOOL

2 MIDDLE SCHOOLS

- TSINGHUA ZHIXIN MIDDLE SCHOOL
- THE HIGH SCHOOL ATTACHED TO TSINGHUA UNIVERSITY

INVESTIGATION FEEDBACK

- TSINGHUA ZHIXIN MIDDLE SCHOOL
- THE HIGH SCHOOL ATTACHED TO TSINGHUA UNIVERSITY



TSINGHUA ZHIXIN MIDDLE SCHOOL

- The road to the school is an end road, but the notice is inconspicuous

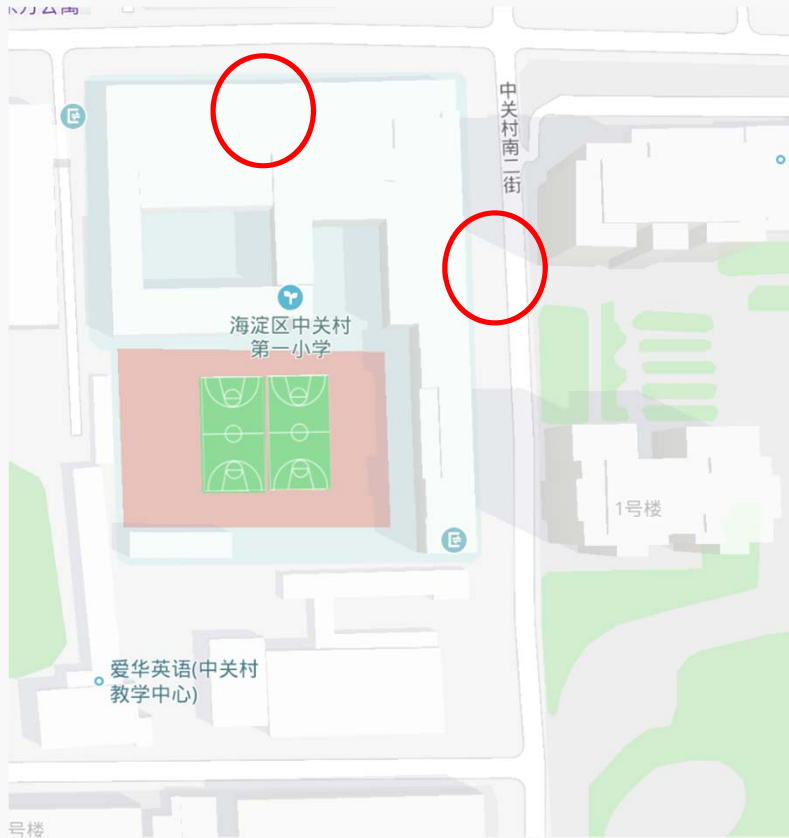


THE HIGH SCHOOL ATTACHED TO TSINGHUA UNIVERSITY

- There isn't a traffic light at the crossroad
- Lack of streetlights

INVESTIGATION FEEDBACK

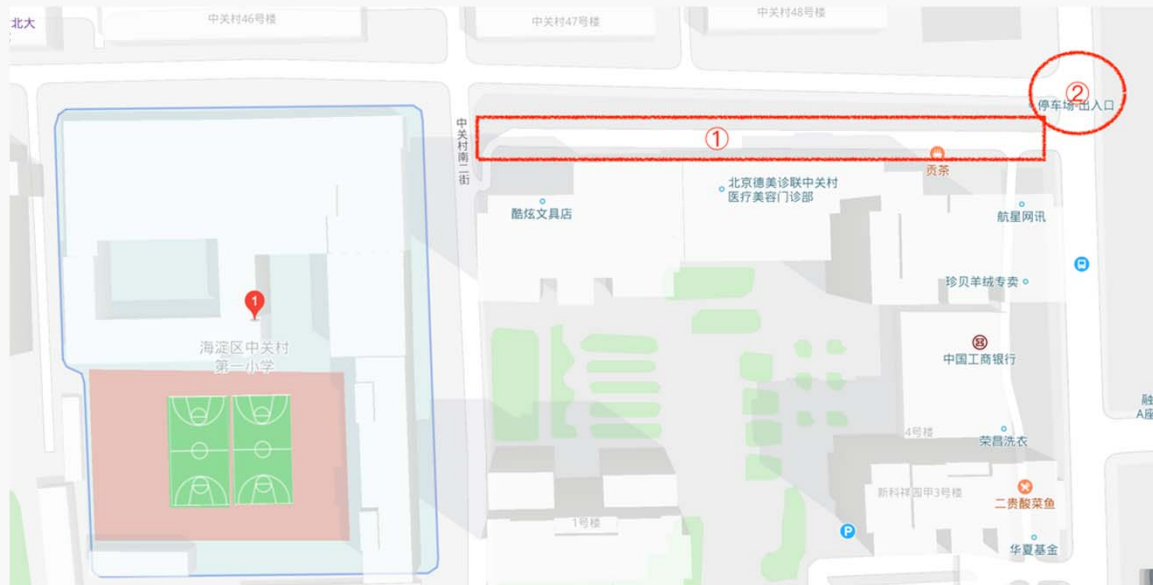
ZHONGGUANCUN FIRST PRIMARY SCHOOL



- Motor vehicles are forbidden around the school
- Each class has a place for parents waiting

INVESTIGATION FEEDBACK

ZHONGGUANCUN FIRST PRIMARY SCHOOL



- The students has to cross the parking lot with a salvage station, but a new road is being built to solve the problem.



INVESTIGATION FEEDBACK

■ ZHONGGUANCUN SECOND PRIMARY SCHOOL



- Two gates (North & West)
- Each class has a place for parents waiting
- The pavement outside North gate is narrow and lacks traffic sign

INVESTIGATION FEEDBACK

■ NO.3 EXPERIMENTAL PRIMARY SCHOOL OF HAIDIAN, BEIJING



- The gate is close to the crossroad and there is always a traffic jam near the crossroad, especially during the morning & evening peak.
- Because of the fence, the pavement became narrow and students have to walk on the motor way.

INVESTIGATION FEEDBACK

■ NO.3 EXPERIMENTAL PRIMARY SCHOOL OF HAIDIAN, BEIJING



- There are pylons near the school gate without protective devices.
- There are trash cars, express cars and tankers going pass the roads.

INVESTIGATION FEEDBACK

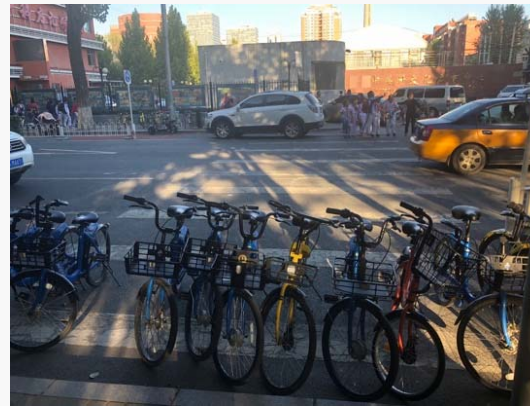
ZHONGKEQIYUAN PRIMARY SCHOOL



- There is always a traffic jam at the northern & southern cross of the school.
- The parents are crowded at the gate and standing on the bicycle way.

INVESTIGATION FEEDBACK

■ ZHONGKEQIYUAN PRIMARY SCHOOL



- Lots of shared bikes, even blocked the pedestrian crossing.
- Pavement is quite narrow.

INVESTIGATION FEEDBACK

INVESTIGATION LIST



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2 MIDDLE SCHOOLS

- TSINGHUA ZHIXIN MIDDLE SCHOOL
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PART 02 TRAFFIC CONDITION TRANSFORMATION

TRAFFIC CONDITION TRANSFORMATION

■ 1 NARROW SIDEWALK

Problems

- Limited space to pass — —4 meters
- Trees on the sidewalk
- Road width is limited, difficult to widen

Solutions

- Consultation with CSTC professionals
- Reduce the green belt occupancy
- Lay permeable bricks



TRAFFIC CONDITION TRANSFORMATION

■ 2 TRAFFIC JAMS

Problems

- T-junction 200 meters
- Rush hour brought by office buildings nearby
- Random parking
- Lack of traffic mitigation

Solutions

- Add traffic lights to regulate traffic flow
- Temporary parking area
- Divert parking flow out of the main road
- Prohibit motor vehicles from the school hours



TRAFFIC CONDITION TRANSFORMATION

■ 3 SHARED BICYCLES

Problems

- Rows of bikes block the sidewalk
- Primary school students cannot use bikes
- People in office don't leave at four o'clock

Solutions

- Adjust the delivery time of bicycles
- Shared bicycle delivery area





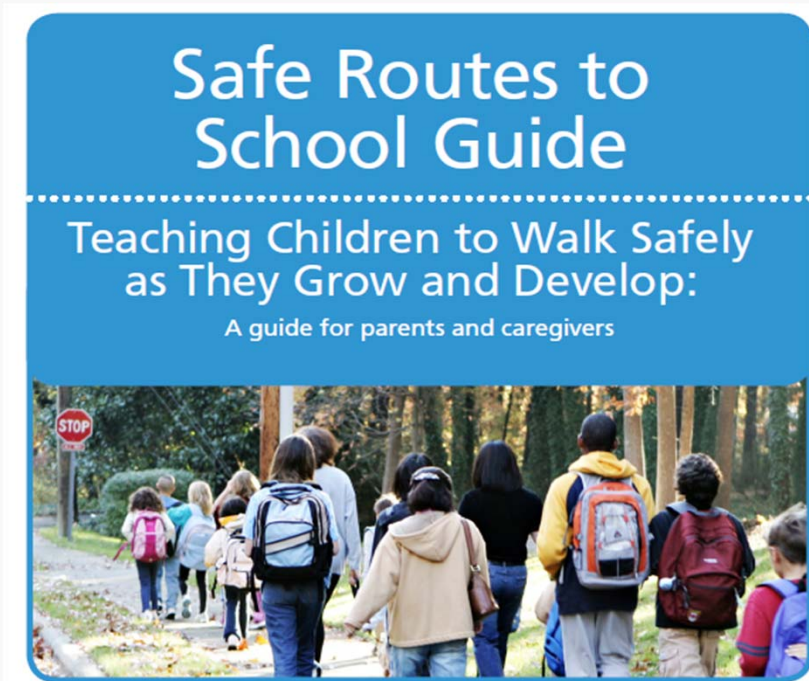
PART 03 CONSCIOUSNESS-RAISING TOOLS

Based on the blueprint of project deliverables, we should simultaneously conduct modelling and provide various promotional materials to raise public awareness on children' s safety during the route to school.

CONSCIOUSNESS-RAISING TOOLS

PROMOTIONAL MATERIALS FOR PUBLIC EDUCATION

WHO ARE WE DEALING WITH IN THE PROPOSAL



Growth and Development Key Points

1. Children need to be able to choose the safest places to walk.
2. Children need to learn where to cross streets and how to cross safely.
3. Children will demonstrate these skills some of the time, so continued practice is needed until they are consistent.
4. Attention-switching and concentration skills are essential for safe walking and develop as children mature.

Growth and Development Key Points

Children age seven to nine:

1. Still need supervision.
2. Are ready to learn more complicated skills.
3. Benefit from walking with an adult who explains more complex pedestrian safety tasks, such as where and when to cross at a new location.

Growth and Development Key Points

Children age ten and older:

1. Are usually ready for a mix of independence and supervision.
2. May need reinforcement and reminders about safe walking behaviors.
3. Benefit from practicing a specific route with an adult to talk about where to walk, where to cross and any other safety considerations before walking the route alone.

■ PROJECT FOCUS

- Understand how children learn pedestrian safety skills
- Provide guidance for parents and caregivers

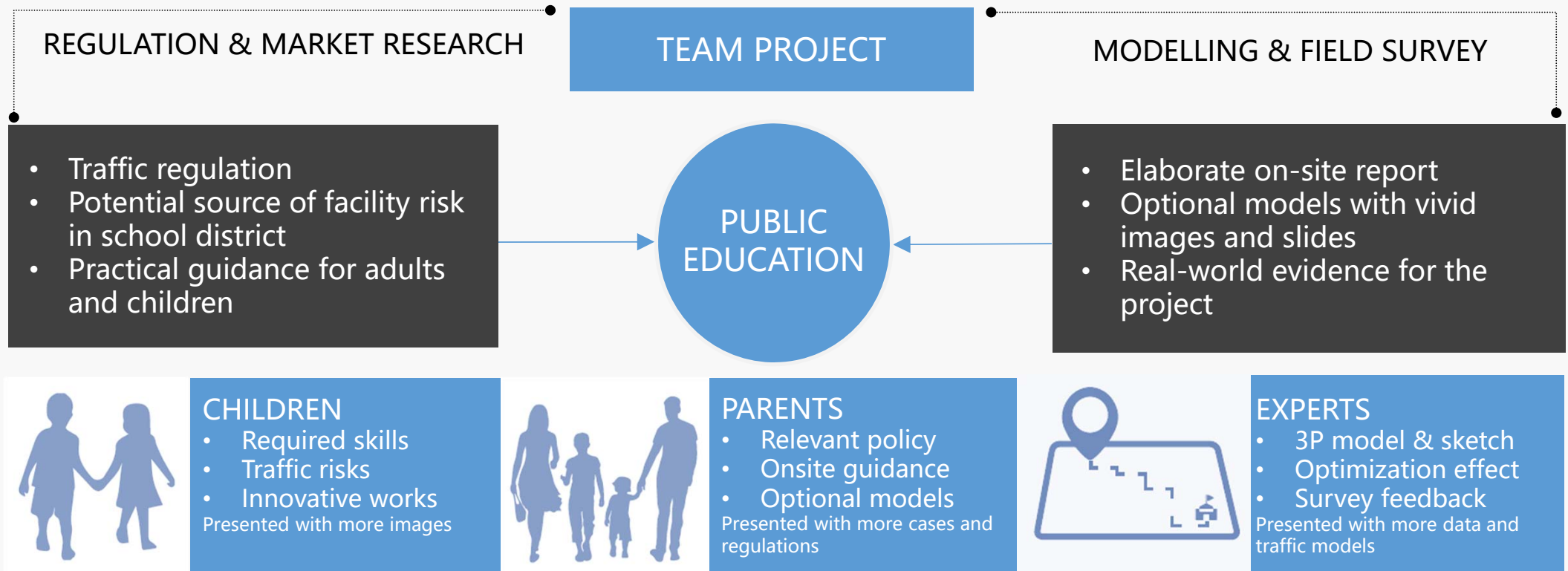
■ PROJECT INITIATIVE

- Consider the learning pattern of children in different ages
- Manage to let children and adults cooperate efficiently
- Using vivid and explicit instructions

CONSCIOUSNESS-RAISING TOOLS

PROMOTIONAL MATERIALS FOR PUBLIC EDUCATION

WHAT CAN WE PROVIDE FOR LOCAL COMMUNITIES

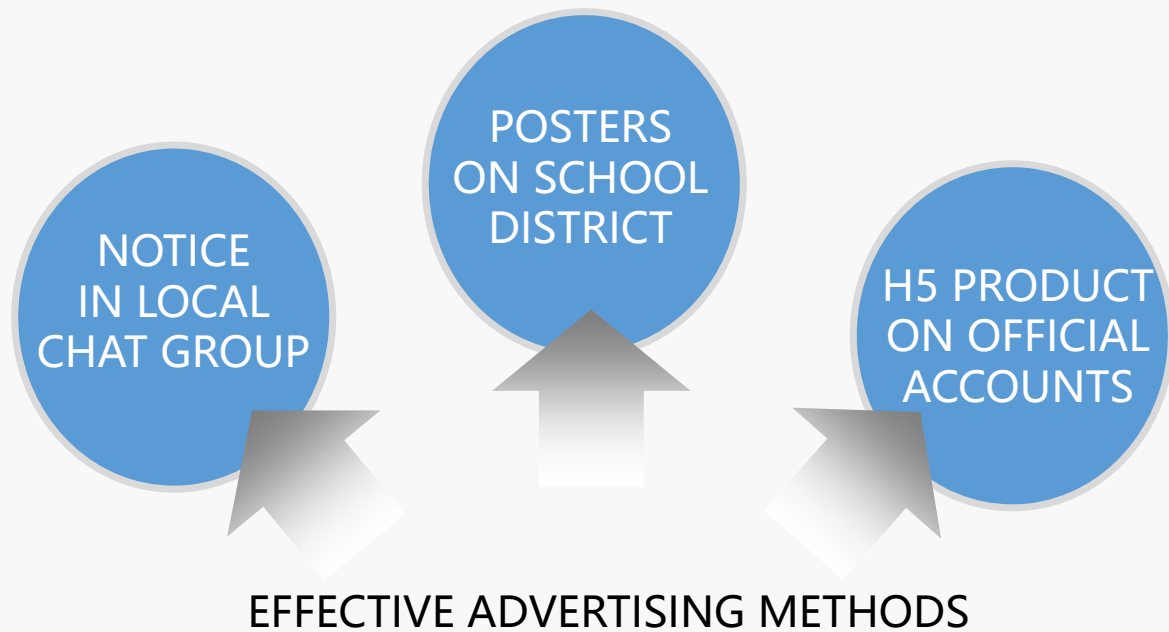


Since the end users of the project would be adults and children in the school district, we may consider their demands and learning pattern, thus provide divergent educational materials

CONSCIOUSNESS-RAISING TOOLS

PROMOTIONAL MATERIALS FOR PUBLIC EDUCATION

HOW CAN WE SPREAD OUR IDEAS IN LOCAL COMMUNITIES



EFFECTIVE ADVERTISING TOOLS

- Offer printed posters and slogans in the school area with the promise of dean' s office
- Contact local communities and spread updated proposal online through various chat groups
- Publish the survey report and information feedback on the CSTC official accounts for higher social exposure

CONSCIOUSNESS-RAISING TOOLS

PROMOTIONAL MATERIALS FOR PUBLIC EDUCATION

HOW CAN WE SPREAD OUR IDEAS IN LOCAL COMMUNITIES

 **路见PinStreet**

路见是一个聚焦城市空间品质和民生问题的公众互动平台，致力于为每个人参与城市治理提供...

[发消息](#)

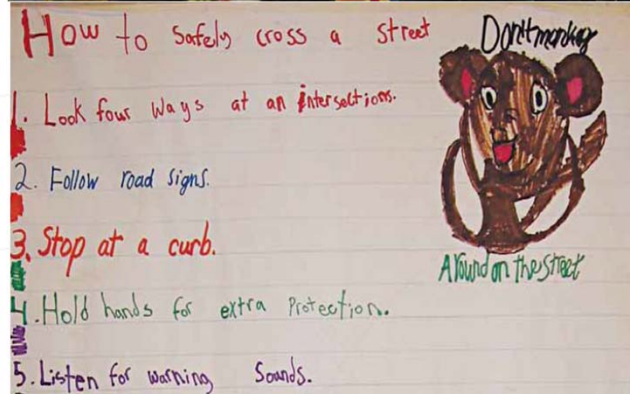
南方周末报道 | 放学接孩子，为什么家长“很痛苦”？
2018年9月22日




922无车日，封掉大马路，变身游乐场！（文末有彩蛋）
2018年9月22日



超四分之一的中小学上学路存在多处安全隐患！这还是北...
2018年9月11日 [原创](#)



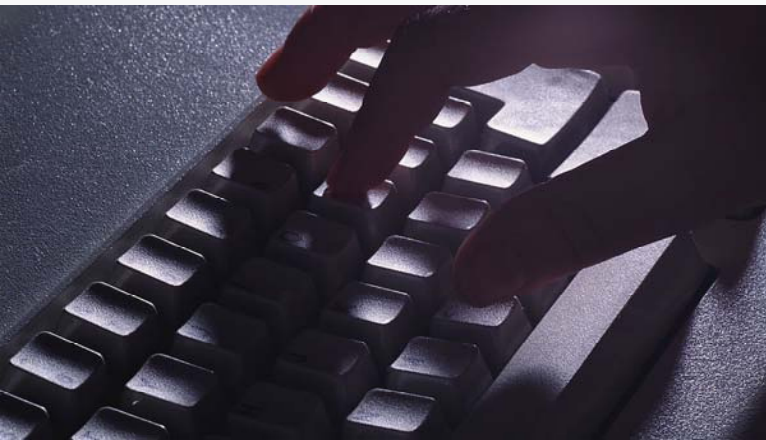
EDUCATIONAL


COLLABORATIVE

USER-FRIENDLY



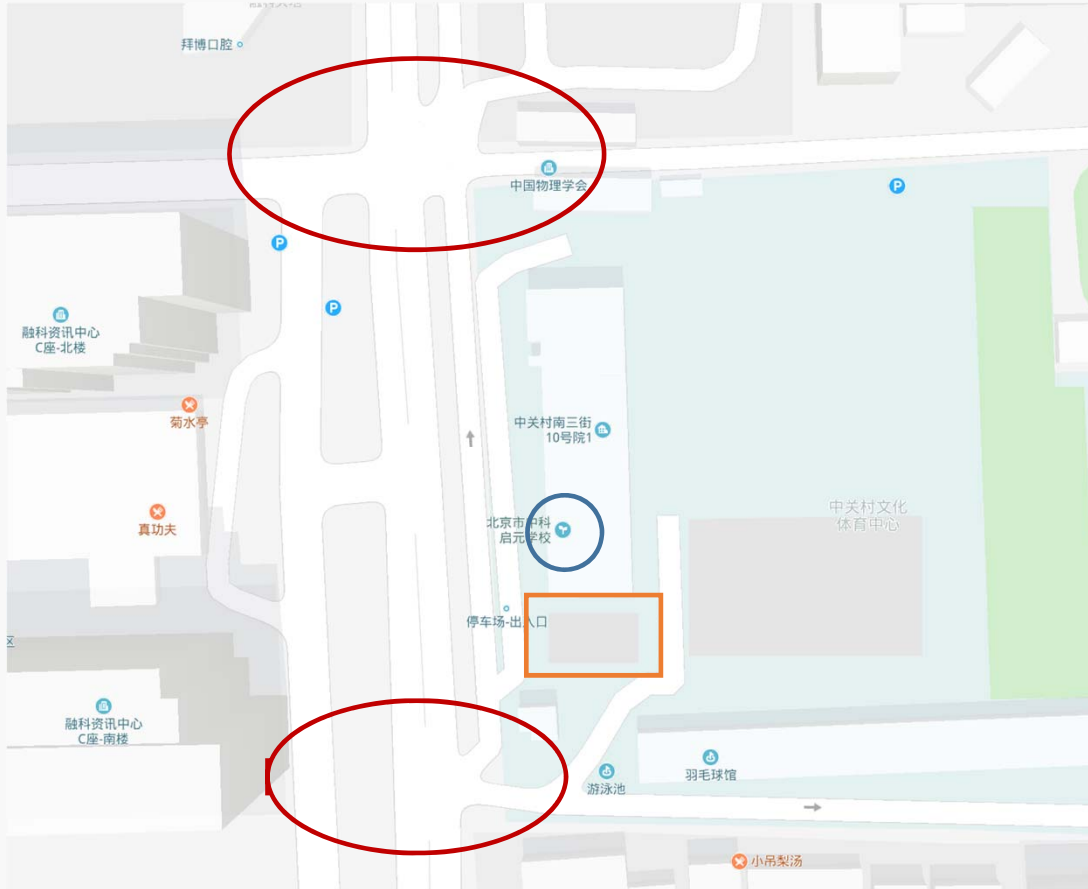
DIVERSIFIED



PART 04

FURTHER INVESTIGATION PLAN

Further Investigation Plan

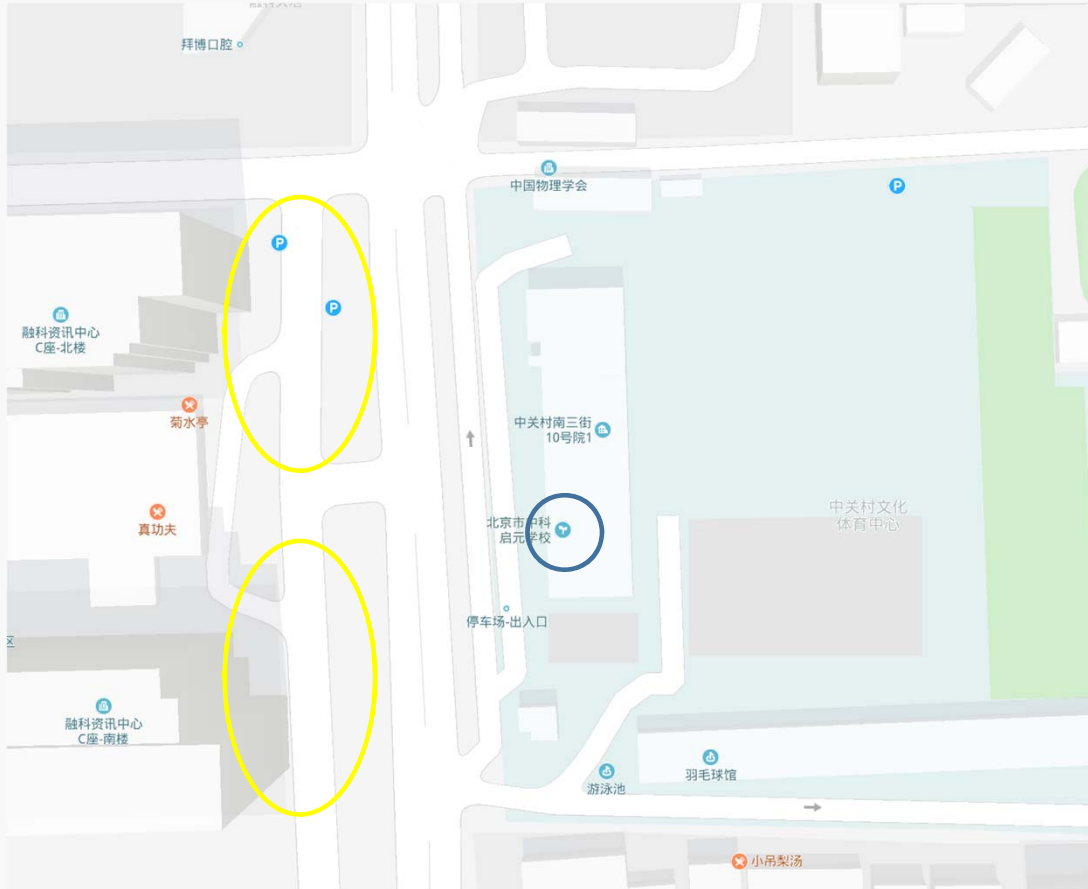


■ Time: Oct.24 & Oct.25

■ Traffic Congestion & Parking

- Interview parents & teachers for their concern
- Count vehicle flow from different direction, to different destination & by different types of vehicles
 - To school : “stop for unloading only”
 - After school : parking & waiting
- Condition of the nearby parking lot

Further Investigation Plan



■ Shared Bicycles

- Staff hours & transportation means of employees in nearby office buildings
- Contact the operators of shared bicycles in this area for some operation data (when and where they put the bikes)

■ Narrow Sidewalk

- Trees & plants along the roadside

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