

CONCEPT PLAN PACKAGE
Site 2
76th Street/Kennedy Boulevard (North Bergen)

- List of Issues/Proposed Improvements
- Aerial
- Problems/Issues Map
- Improvement Concept Plan
- Preliminary Cost Estimate

North Hudson Pedestrian and Bicycle Concept Plans

Final Report

76th Street and Kennedy Boulevard

Problems/Issues

- Pedestrians crossing with the light along both roadways conflict with turning traffic, which has limited gaps to turn.
- Multiple threat along Kennedy Boulevard compounds this issue for pedestrians crossing 76th Street.
- Significant volumes of pedestrian traffic

Improvement Concepts

- Consider lead pedestrian interval to give pedestrians a head start before turning traffic begins to move.
- Curb extensions to improve pedestrian visibility and shorten crossing distances.
- Align 76th Street southbound approach (northerly leg) crosswalk to be parallel to Kennedy Boulevard.
- Ladder stripe crosswalk for increased visibility.



View northbound across 76th Street
on west side of JFK



View northbound across 76th Street
east side of JFK



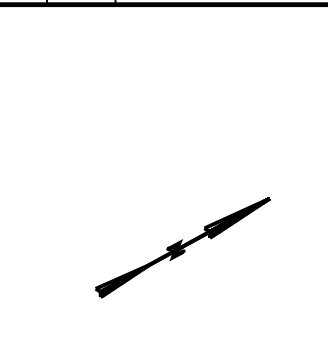
View westbound across JFK on
north side of 76th Street



PLANS PREPARED FOR:

The RBA Group
 ENGINEERS • ARCHITECTS • PLANNERS
 One Evergreen Place
 Morristown, New Jersey 07962
 N.J. AUTHORIZATION CERTIFICATE NO. 24GA27930500
 Phone (973) 898 0300, Fax (973) 898-9472

REVISIONS		
NO.	DATE	COMMENTS

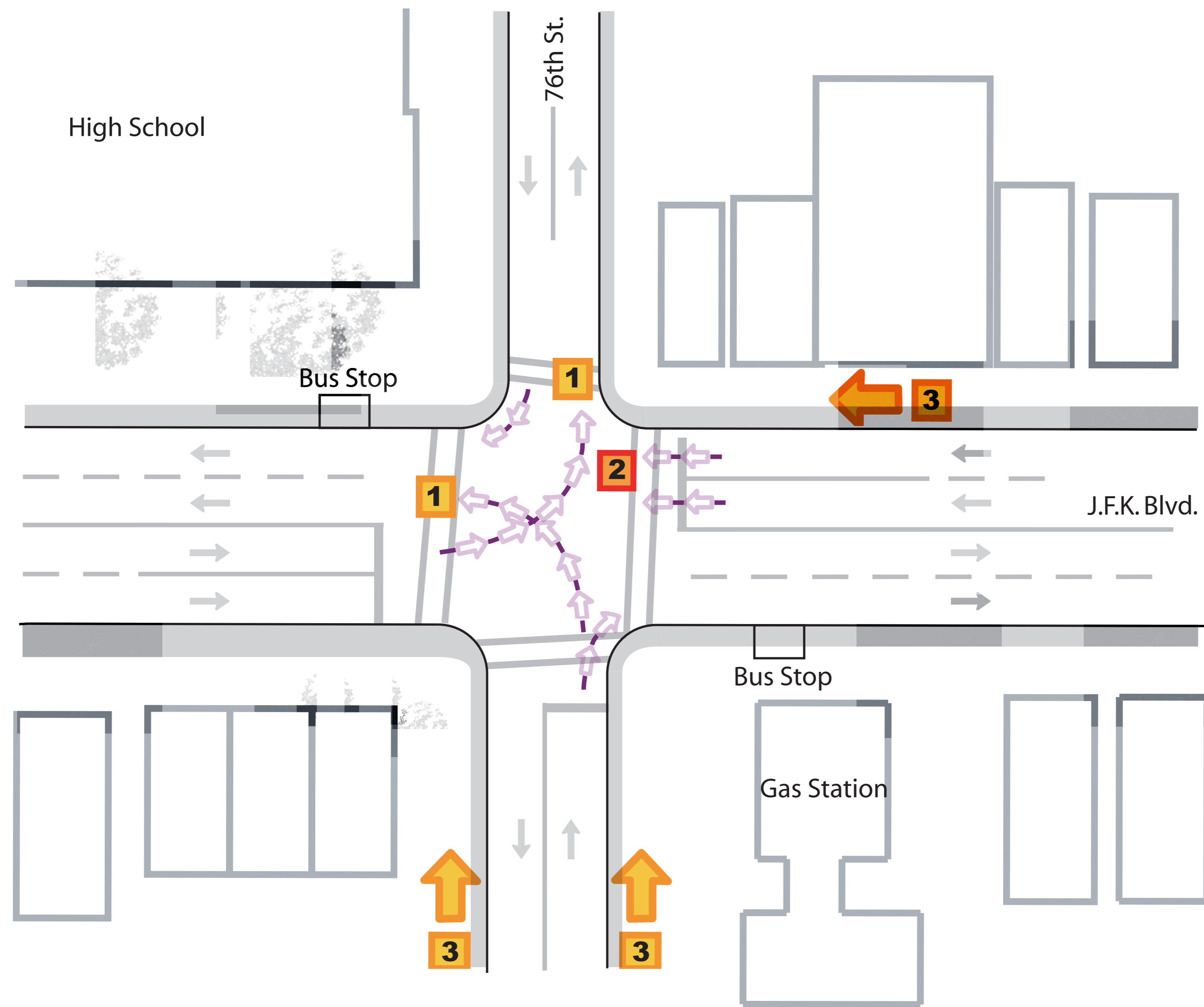


NORTH HUDSON COUNTY -
 BICYCLE AND PEDESTRIAN STUDY

76th STREET AND
 KENNEDY BOULEVARD

DATE:
 JOB NUMBER: J3536.00
 SCALE: 1"=50'
 DRAWN BY:
 CHK. BY:
 SHEET NUMBER

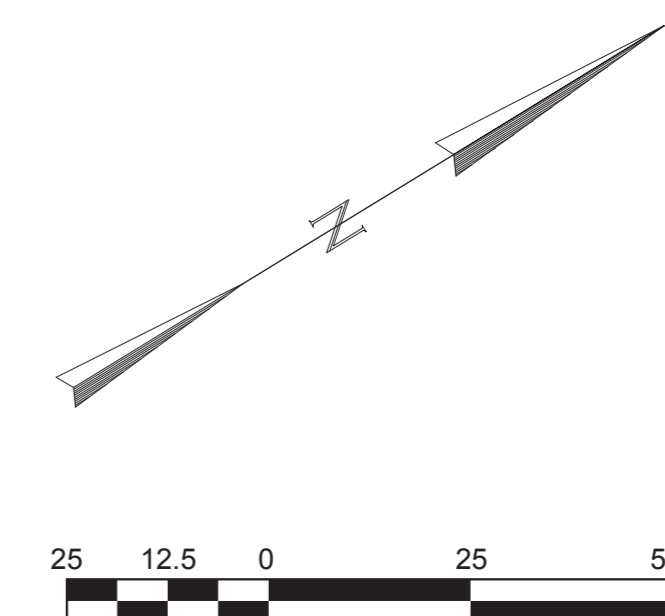
PLOT DATE: 04/28/2005
 PLOT TIME: 01:52:48 PM



TRAFFIC ISSUES AND CONFLICTS

- Motorized Conflicts
- Pedestrian Conflicts
- ← Pedestrian Movement Direction
- ↔ Traffic Flow

1. Pedestrians crossing with the light along both roadways conflict with turning traffic, which has limited gaps to turn
2. Multiple threat along Kennedy Blvd. compounds this issue for pedestrians crossing 76th St.
3. Major pedestrian movement



PLANS PREPARED FOR:
**NORTH HUDSON COUNTY
 BICYCLE AND PEDESTRIAN STUDY**

The RBA Group, Inc.
 ENGINEERS ARCHITECTS PLANNERS
 One Evergreen Place
 Morristown, New Jersey 07062
 Phone (973) 898 0300, Fax (973) 898-9472

REVISIONS

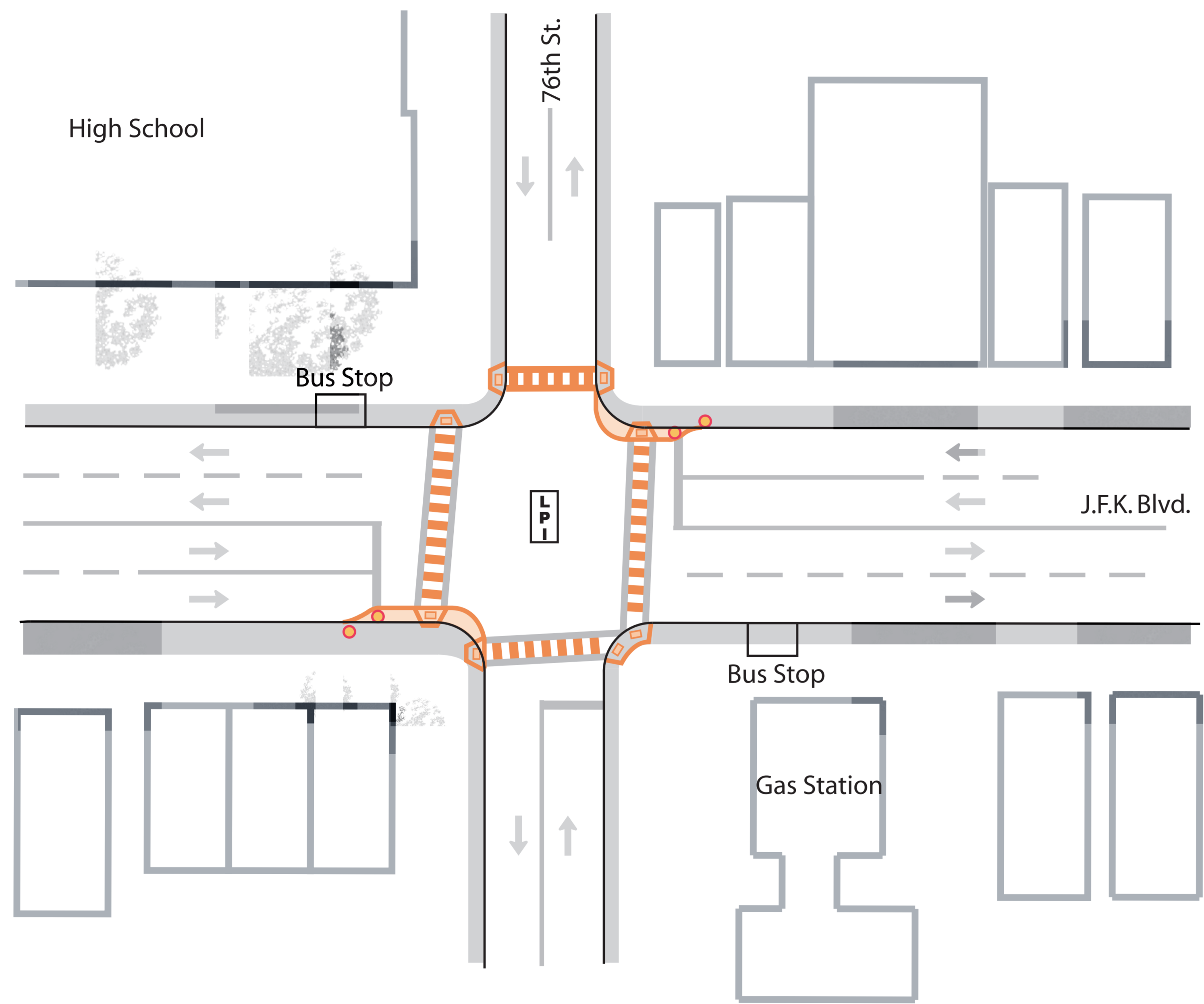
NO.	DATE	COMMENTS

TRAFFIC ISSUES & CONFLICTS

76TH STREET AND KENNEDY BOULEVARD

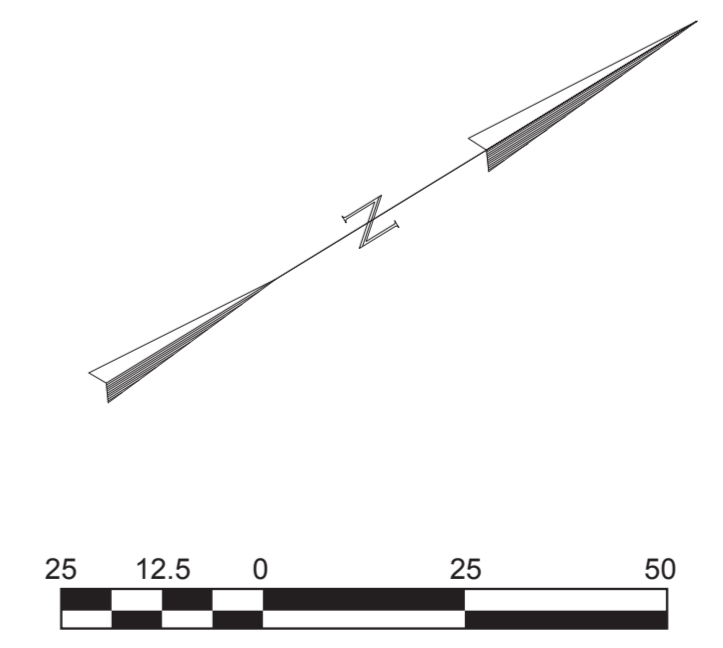
DATE: MAY 17, 2005
 JOB NUMBER: J3536.00
 SCALE: 1"=50'
 DRAWN BY: KC
 CHK. BY: MD

SITE NUMBER
2



RECOMMENDATIONS

1. Consider lead pedestrian interval to give pedestrians a head start before turning traffic begins to move
2. Provide curb extensions to improve pedestrian visibility and shorten crossing distances
3. Align 76th Street southbound approach (northerly leg) crosswalk to be parallel to Kennedy Blvd.
4. Ladder stripe crosswalks for increased visibility
5. Provide detectable warnings on all curb ramps
6. Provide object markers to highlight location of curb extension



PLANS PREPARED FOR:
**NORTH HUDSON COUNTY
 BICYCLE AND PEDESTRIAN STUDY**

REVISIONS		
NO.	DATE	COMMENTS

RECOMMENDATIONS

**76TH STREET AND
 KENNEDY BOULEVARD**

DATE: MAY 17, 2005
 JOB NUMBER: J3536.00
 SCALE: 1"=50'
 DRAWN BY: KC
 CHK. BY: MD

SITE NUMBER
2

North Hudson County Pedestrian and Bicycle Study
Preliminary Cost Estimate for Site Work
El Taller Colaborativo, P.C.

June, 2005

Site Number 2 - 76th Street and Kennedy Boulevard

<i>IMPROVEMENT</i>	<i>QUANTITY</i>	<i>UNIT</i>	<i>UNIT PRICE</i>		<i>TOTAL</i>
Clearing Site				\$	2,000.00
Construction Layout				\$	3,000.00
Remove existing concrete sidewalk	1,320	sq.ft.	\$ 2.30	\$	3,036.00
Remove existing concrete curb	190	lin.ft.	\$ 4.30	\$	817.00
New concrete curb	240	lin.ft.	\$ 18.00	\$	4,320.00
New concrete pavement	1,770	sq.ft.	\$ 4.00	\$	7,080.00
Detectable warning panel at ramps	8	each	\$ 385.00	\$	3,080.00
Asphalt pavement replacement along new curb	720	sq.ft.	\$ 5.00	\$	3,600.00
Crosswalk striping	624	lin.ft.	\$ 2.00	\$	1,248.00
Object markers at sidewalk	4	each	\$ 650.00	\$	2,600.00
Relocation of drainage structures and other utilities	1	l.s.	\$ -	\$	14,850.00
			Sub-total	\$	45,631.00
Traffic Maintenance			7%	\$	3,194.17
Mobilization			9%	\$	4,106.79
			20% contingency	\$	9,126.20
(Assumes existing signal can accommodate phasing adjustment)			Total	\$	62,058.16