



CITY OF KIRKLAND
Department of Public Works
123 Fifth Avenue, Kirkland, WA 98033 425.587.3800
www.kirklandwa.gov

MEMORANDUM

To: Kurt Triplett, City Manager

From: David Snider, P.E., Capital Projects Manager
Ray Steiger, P.E., Public Works Director

Date: January 26, 2012

Subject: ELEMENTARY SCHOOL WALK ROUTE ENHANCEMENTS
ACCEPT WORK

RECOMMENDATION:

It is recommended that City Council accept the work on the Elementary School Walk Route Enhancements, as completed by Pellco Construction, Mountlake Terrace, Washington, and establish the statutory lien period.

BACKGROUND:

The Elementary School Walk Route Enhancements consisted of constructing missing segments of sidewalk on designated school walk routes for each of seven public elementary schools located in Kirkland (Attachment A). In addition to the construction of new sidewalks, the Project also involves an educational and incentive element for children and parents to promote walking and biking to school as well as the purchase of a portable radar speed limit board to be used for enforcement of the speed limit in school zones. The goal of the Project is to promote pedestrian safety, decrease traffic speeds near schools, and to increase the number of children walking and biking to and from school.

In June 2009, the City was selected to receive State funding through the Safe Routes to School Grant Program. The City was awarded \$498,000 in grant funds. Through the Capital Improvement Program (CIP), City Council approved an additional \$700,000 of City funds for a total Project budget of \$1,198,000 (Attachment B).

At their regular meeting of May 17, 2011, City Council awarded the construction contract to Pellco Construction in the amount of \$610,092. The work began on June 20th and was substantially complete in November, 2011. The total amount paid to the contractor was \$602,651 and included four change orders totaling \$10,739; the overall reduction in the contract amount came as a result of material quantity reductions during construction.

With the completion of these elementary school walk routes and others that were identified by the 2001 School Walk Route Advisory Committee (Attachment C), nearly 90% of the identified routes have been completed. Two more improvements, NE 68th at 108th Avenue NE signal improvements (LV3f) and NE 100th Street sidewalk improvements (PK6) have received external grant funding and are scheduled to be completed in 2012.



The Safe Routes to School Grant also has an identified amount of \$34,000 for education and outreach with an incentive element to promote walking and biking to school, and it also covered the cost of purchasing a radar board for enforcement of the speed limit in school zones. To date, \$13,500 has been spent on the purchase of a new trailer mounted radar board together with an additional \$7,000 on staff time for public education and enforcement. The Police Department will maintain efforts on the enforcement element of the Grant funds while Public Works staff continues to work with the school principals on a new round of outreach, education, and incentives for walking to school this spring.

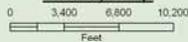
The City remains eligible for the entire grant amount of \$498,000; all residual City funds will be returned to REET II, as the original City funding source and will be programmed into future CIP projects.

Attachments: (3)

CNM 0067 | Elementary School Walk Route Enhancements



Vicinity Map



JUANITA



A.G. BELL



PETER KIRK



LAKEVIEW



MARK TWAIN



BEN FRANKLIN



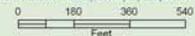
ROSE HILL

Map Legend

- School Walk Routes
- Existing Sidewalk or Path
- Fire Station
- Building Footprint
- Tax Parcel Boundary
- Street Centerline
- Pavement Edge
- Park
- School



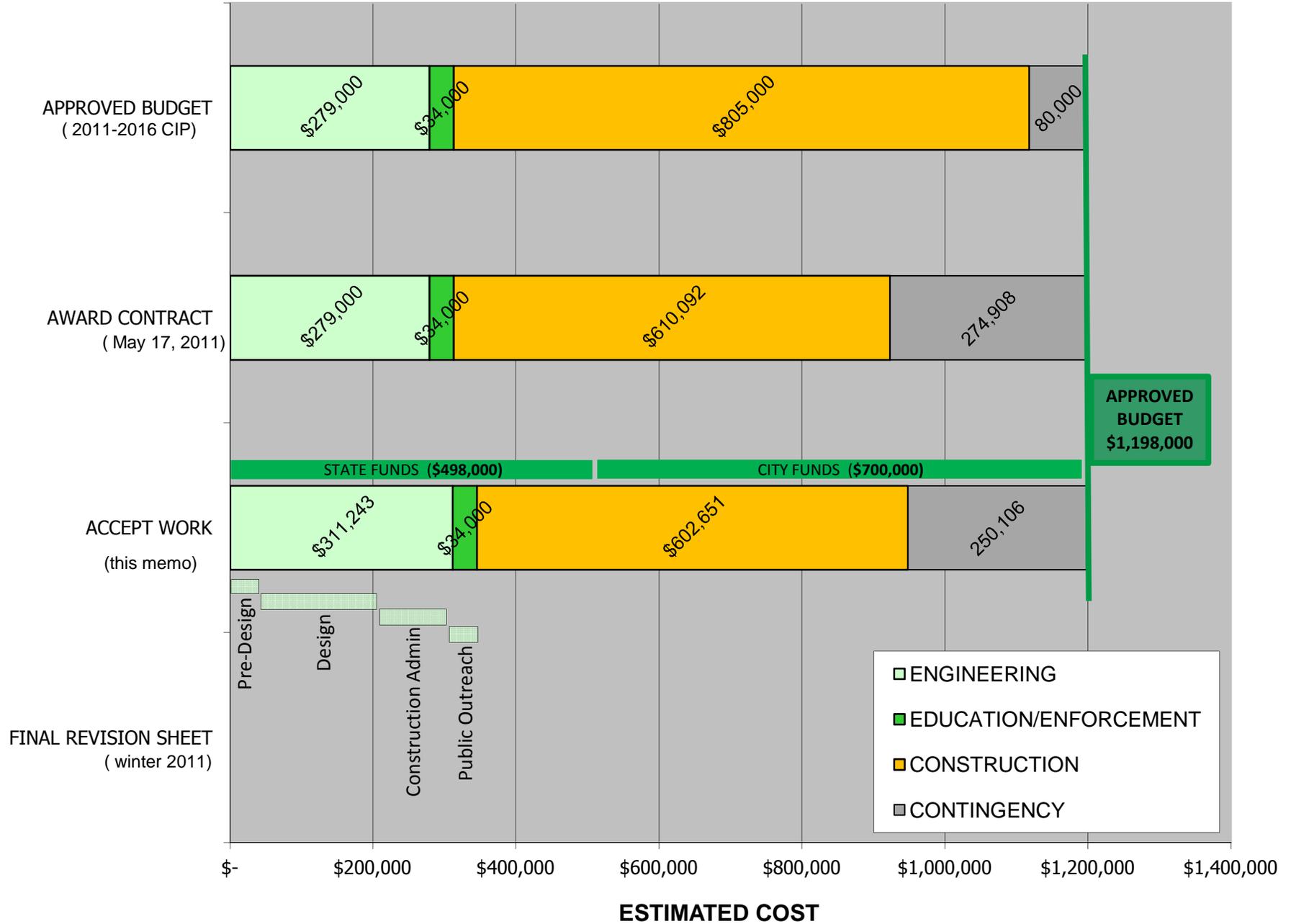
Produced by the City of Kirkland.
 © 2009, the City of Kirkland, all rights reserved.
 No warranties of any sort, including but not limited to accuracy,
 fitness or merchantability, accompany this product.



**ELEMENTARY SCHOOL WALK ROUTE ENHANCEMENTS
(CNM -0067)
PROJECT BUDGET REPORT**

Attachment B

PHASE



Original School Walk Route Committee Projects (2001)

| ID | DESCRIPTION | COMMENTS | TOTAL ESTIMATED COST (2001) | OTHERS ADDED OR GRANTS SCORED | TOTAL EXPENDITURES | Completed | Year Completed (or anticipated) | CIP Project |
|------|--|---|-----------------------------|-------------------------------|--------------------|-----------|---------------------------------|------------------------------|
| J1 | Approximately 900 feet of pathway along the south side of NE 128th St between 94th Ave NE and approximately 98th Ave NE; pathway could be constructed by narrowing current roadway with new or extruded curbing, filling the created area and paving with asphalt. | 2002 overlay project; will look at adding extruded curbing to contract as a fall back | \$ 99,000 | | \$ 953,000 | ✓ | 2002 (all schedules) | CNM-0039 |
| J2 | Approximately 900 feet of raised or separated pathway along the east side of 94th Ave NE from approximately NE 124th Street to NE 128th St. NE | need add1 r-o-w? | \$ 226,200 | | | | unfunded | TBD |
| J3a | Refurbish 124th St crossings | Crosswalks are in exc. Condition; will revisit and do with annual striping program | \$ 1,000 | | | ✓ | 2002 | 2002 striping |
| J3b | No school signs | Will review during inventory of schools | \$ - | | | | NA | NA |
| | Sidewalk on the west side of 97th PL NE, from NE 128th ST to NE 129th PL. | 2010-2011 SRTS grant program | | \$ 111,553 | \$ 1,198,000 | ✓ | 2011 (all schedules) | CNM-0067 |
| AGB1 | Pathway/sidewalk along south side of NE 112th Street between 112th Ave NE and approximately 115th Ave NE adjacent to the school. | funded CIP 2001-2 project; \$1,062,000 | \$ 350,000 | | | ✓ | 2002 | CNM-0039 |
| AGB2 | Sidewalk/pathway along 108th Ave NE from NE 116th st to NE 112th St (request from LWSK 4/12/00) | west side (some exist slw & xwalk @ 116th) | \$ 266,900 | | | | unfunded | TBD |
| | Sidewalk on east side of 110th Ave NE from NE 116th ST south to the end of the cul-de-sac which is the back entrance to A.G. Bell. | 2010-2011 SRTS grant program | | \$ 106,576 | | ✓ | 2011 | CNM-0067 |
| MT1 | Improve facilities along 132nd Ave between NE 95th St and NE 104th St. (improvements could include: signage, speed bumps, traffic calming, lighting at crosswalk) | exist. ACP path w/ extruded curb | \$ 50,000 | | | | unfunded | CST-0056 |
| MT2 | Sidewalk improvements along NE 95th Street between 124th Ave NE and 130th Ave NE (These improvements are currently funded in the 2001 CIP and are in process). | funded CIP 2001-2 project; \$461,000 | \$ 314,000 | | \$ 503,000 | ✓ | 2003 | CNM-0003 |
| MT3 | Pathway/improvements along the south side of 104th Street between 132nd Ave NE and existing improvements; remove existing vegetation that blocks walking on shoulder | Ultimately concrete, but use asphalt for now | \$ 92,500 | | | | unfunded | CNM-0061 |
| MT4 | Sidewalk improvements along west side of 130th Ave NE from NE 100th Street to NE 95th Street (currently funded in the CIP) | 2010-2011 SRTS grant program | \$ - | \$ 104,404 | | ✓ | 2011 | CNM-0067 |
| MT5 | Intersection improvements at 128th Ave NE and NE 107th Place | assume 50' of concrete curb, gutter, and "bump-out landings" at each corner | \$ 58,000 | | | ✓ | 2002 | CNM-0039 |
| MT6 | Sidewalk on 126th Ave NE from NE 85th St to NE 95th St (approximately 2500 request from LWSK 4/12/00) | | \$ 571,300 | | | | unfunded | TBD |
| PK1 | Sidewalk improvements along 110th Ave NE between existing improvements at 97th Ave NE and the back entrance to the School at the BNSFRR crossing (area includes concomitant agreement properties) | concomitant needs to be pursued; remaining issues with BNSFRR xing | \$ 25,000 | | \$ 25,000 | ✓ | 2002 | concomitant |
| PK2 | Sidewalk along west side of 6th Street between 8th Ave and 12th Ave | | \$ 195,000 | | | ✓ | 2002 | CNM-0039 |
| PK3 | 95th/97th /112th Ave Intersection improvements (traffic calming, circle, sight distance, 5-way stop??) | assume 50' of concrete curb, gutter, and "bump-out landings" at each corner | \$ 43,500 | | \$ 15,000 | ✓ | ~2003 | neighborhood traffic calming |
| PK4 | Sidewalk along south side of 13th Ave from Van Aalst Park to the school entrance (currently funded in the CIP) | | \$ 144,000 | | \$ 191,000 | ✓ | 2005 | CNM-0040 |
| PK5 | Sidewalk along south side of 12th Ave between 6th St and back entrance to the School at the BNSFRR crossing (this is not currently a LWSK identified walk route) | | \$ 275,500 | | \$ 472,000 | ✓ | 2011 | CNM-0066 |
| PK6 | Sidewalk along NE 100th Street between 116th Ave NE and 112th Ave NE | receipt of 2012 TIB grant pending; design is complete, construction in 2012 | \$ 188,500 | | \$ 540,000 | | 2012 | CNM-0034 |
| PK7 | Improvements to gravel pathway along 116th Ave from approximately NE 95th Street to NE 97th Street by addition of curbing or protection from vehicles | | \$ 4,500 | | \$ 4,500 | ✓ | 2010 | CNM-0044 |
| PK8 | Sidewalk along south side of NE 95th St from 116th Ave NE to 112th Ave NE | | \$ 353,800 | | | | unfunded | CNM-0045 |
| PK9 | Sidewalk along 116th Ave from approximately NE 87th Street to NE 100th Street | | \$ 812,000 | | \$ 837,000 | ✓ | 2010 | CNM-0044 |
| PK10 | Sidewalk along 13th Ave from 3rd St to 4th St at Van Aalst Park (this is not currently a LWSK identified walk route) | | \$ 118,500 | | \$ 118,500 | ✓ | 2005?? | CNM-0040 |
| PK11 | Sidewalk along 111th Ave from NE 104th St to NE 100th St (this is not currently a LWSK identified walk route) | | \$ 284,200 | | | | unfunded | TBD |
| | Sidewalk on west side of 6th St, between 13th Ave and 15th Ave | 2010-2011 SRTS grant program | | \$ 99,948 | | ✓ | 2011 | CNM-0067 |
| RH1 | Install concrete sidewalk along east side of 126th Ave NE from NE 80th St to existing sidewalk at Mormon Church (some existing area is subject to concomitant agreement) | | \$ 72,500 | | | ✓ | 2002 | CNM-0039 |
| RH1 | Install "modified" sidewalk along west side of 130th Ave NE from NE 80th St to NE 78th St/Flashing crosswalks 75th Su/132nd Ave | modified eliminates planter strip...minimal cost impact | \$ 182,700 | | | ✓ | 2002 | CNM-0039 |
| RH1 | Install gravel path/shoulder between Mormon Church improvements on 126th Ave to NE 73rd St. | assumes no extruded curbing associated | \$ 26,250 | | | ✓ | 2002 | CNM-0039 |
| RH2 | Install concrete sidewalk along south side of NE 80th St between 125th Lane NE to 130th Ave NE (include bikelane along this section); design would include raised or striped brick crosswalk at 128th, bump outs at 128th, add textured granite signs | 2010-2011 SRTS grant program | \$ 406,000 | \$ 172,049 | | ✓ | 2011 | CNM-0067 |
| RH3a | Pathway/Sidewalk along north side of NE 73rd St from 132nd Ave NE to 130th Ave NE | explore three options | \$ 233,100 | | \$ 588,000 | ✓ | 2009 | CNM-0052 |
| RH3b | Flashing crosswalk at intersection of NE 75th St and 132nd Ave NE | on current list of proposed flashing crosswalks | \$ 30,000 | | \$ 35,000 | ✓ | 2011 | 2011 Crosswalk |
| RH3c | Covered bus stops at 120th Ave (Metro Transit)/ NE 80th St | | \$ 5,000 | | | | unfunded | KC Metro |
| LV1 | Install sidewalk along north side of NE 64th Street between 103rd and Lakeview drive (if gravel or asphalt used, install curbing to prevent parking). | include improvements to steps | \$ 37,500 | | | ✓ | 2002 | CNM-0039 |
| LV1 | 6400 - 6500 Lakeview Drive - install sidewalks on east side of Lakeview including the corner of NE 64th St/Lakeview Drive. | replacing broken sections and landings with 2001 overlay project | \$ - | | \$ - | ✓ | 2001 | 2001 overlay |
| LV2a | Repair and complete sections of sidewalk on both sides of 103rd Ave NE EAST | significant (special) trees would be affected by repair; need to have buy-off with neighborhood association | \$ 37,500 | | \$ 5,000 | ✓ | 2005 | rubber sidewalk |
| LV2b | (Above) WEST | significant (special) trees would be affected by repair; need to have buy-off with neighborhood association | \$ 18,750 | | \$ 5,000 | ✓ | 2005 | rubber sidewalk |
| LV3a | Look at sight distance for crosswalks at 106th/NE 68th | maybe VERIFY; however sight dist appears much more than adequate | \$ - | | | | | NA |
| LV3b | a speed hump with a crosswalk painted on top at 7th Ave S crossing at 4th St S (similar to that on 6th Street in front of Peter Kirk School | this location needs markings; will add in 2001; overlay scheduled for 2002 | \$ - | | | | | |
| LV3c | Add crosswalks at NE 60th and 106th to guide walkers to the sidewalks | 2001 PM?; check with Godfrey; this request was also submitted by Houghton Community Council | \$ 500 | | | | | |
| LV3d | Paint crosswalk on 108th Ave at NE 61st as indicated on walk route map | 1) there is no "61st St" on 108th; 2) exist flashing xwalk at 60th; 3) exist xwalk in 6200 block | \$ 500 | | | | | |

ATTACHMENT C

| ID | DESCRIPTION | COMMENTS | TOTAL ESTIMATED COST (2001) | OTHERS ADDED OR GRANTS SCORED | TOTAL EXPENDITURES | Completed | Year Completed (or anticipated) | CIP Project |
|------|---|---|-----------------------------|-------------------------------|--------------------|-----------|------------------------------------|--------------------------|
| LV3e | Trim vegetation from the sidewalk along Lakeview Drive along curve between 64th and State | street dept request? | \$ - | | | | | property owner |
| LV3f | Improve signal timing at 108th and 68th to favor school children/pedestrians | being incorporated to current 108th and 68th Signal improvements | \$ - | | \$ - | | 2012 | CTR-0085 |
| LV3g | Install "No free right turns in school zones" signs at signalized intersections | concurrent with right turn lane at NE 68th St/State St | \$ - | | \$ 500 | √ | 2003 | CTR-0061 |
| LV3h | More effective school crossing sign on BNSFRR at NE 68th St (request from LWSD 4/12/00) | more effective than big yellow sign with flashing lights? | \$ - | | \$ 15,000 | √ | ~2008 | completed |
| | Sidewalk on east side of 103rd Ave NE @ NE 65th St, which will eliminate the gap between NE 64th st and NE 67th St. | 2010-2011 SRTS grant program | | \$ 66,972 | | √ | 2011 | CNM-0067 |
| BF1 | Eliminate parking at entrance to 60th in front of school to improve sightdistance issue | will require school sign-off and parent notification | \$ 500 | | \$ 500 | √ | 2002 | CNM-0039 |
| BF2 | Provide wider parking to serve GT&E vaults @ 60th /122nd to keep repair vehicles off gravel pathway | will require keystone wall | \$ 4,500 | | \$ 4,500 | √ | 2002 | CNM-0039 |
| BF3 | Curbing and landings at corner of 122nd/NE 60th | will expand 122nd overlay project to include extruded asphalt curb and landings | \$ - | | \$ 12,000 | √ | 2002 | CNM-0039 |
| BF4a | Sidewalks both sides of NE 60th St between 116th Ave NE and 132nd Ave NE (NORTH) request from LWSD on 4/12/00 | equestrian issues with concrete; need Bridle Trails buy-off | \$ 1,450,000 | | | √ | 2011 | Central Park Tennis Club |
| BF4b | (Above) SOUTH request from LWSD on 4/12/00 | equestrian issues with concrete; need Bridle Trails buy-off | \$ 1,392,000 | | | | will not be done per Bridle Trails | NA |
| BF5a | Where is the "school zone"? | inventory | \$ - | | | | | NA |
| BF5b | Post "double fines" in school zone | inventory | \$ - | | | | | NA |
| BF5c | Explore obtaining easements through NE 61st @ 124th Ave | | \$ 46,000 | | | | NA | NA |
| | Sidewalk on the east side of 125th Ave from approximately 100' south of NE 65th Ct to southerly property line of 6547 125th, and from southerly property line of 6916 125th Ave north to NE 70th St. Includes new crosswalk locations and markings on 122nd Ave NE @ NE 61st St & NE 62nd St. | 2010-2011 SRTS grant program | | \$ 72,981 | | √ | 2011 | CNM-0067 |
| | Sub-Total improvements (identified by SWRC) | | \$ 8,416,700 | | | | | |
| | less NE 60th Street (equestrian routes and community feedback) | | \$ 5,574,700 | \$ 734,483 | | | | |
| | Total | | | \$ 6,309,183 | \$ 5,522,500 | | 88% | |