



Staff Report

RESOLUTION APPROVING PLANS AND SPECIFICATIONS, AUTHORIZING ADVERTISEMENT FOR SEALED BIDS, APPROVING AWARD OF CONTRACT TO THE LOWEST RESPONSIBLE BIDDER FOR AN AMOUNT NOT TO EXCEED \$195,000, APPROVING A CONSTRUCTION CONTINGENCY NOT TO EXCEED \$19,500, AND AUTHORIZING THE CITY MANAGER TO EXECUTE A CONTRACT FOR LYALL WAY PAVEMENT REHABILITATION, CITY CONTRACT NUMBER 465B

Honorable Mayor and City Council:

Summary

Council is requested to approve advertisement and award of a construction contract for pavement rehabilitation construction on Lyall Way between Ralston Avenue and Lake Road.

Background

Lyall Way between Ralston Avenue and Lake Road was constructed in the mid-1960s. It serves as a collector road for the Carlmont neighborhood area. Parents who drop off and pick up their children at Belmont Oaks Academy and Merry Moppet Preschool also depend on this road.

Public Works staff researched the city's street improvement project files and found no record that this street segment surface has ever been treated or overlaid in the 40 years since its construction. The pavement is severely cracked and broken. Its condition was recently assessed and assigned a PCI of 13.

Public Works staff was aware of the poor condition of the Lyall pavement when it designed CCN 465 - Lyall Way Sewer Rehabilitation project currently under construction. This sewer project trenched through Lyall Way for installation of a 12-inch diameter sewer line serving almost all of western Belmont. The project designer specified an oversized sawcut and removal of existing pavement to bridge to pavement with sufficient structural integrity to produce a clean trenchline repair. It became apparent during construction that even an oversized trench repair would be inadequate. The repeated loading of the heavy construction equipment reduced the integrity of the surrounding pavement to the extent that it will not be possible to join it to the new asphalt.

Discussion

Public Works staff proposes to omit the oversize trench repair in CCN 465 and instead award a new project to reconstruct the pavement on Lyall Way between Lake Road and Ralston Avenue. Staff has completed a pavement rehabilitation design, CCN 465B for Council approval. The design calls for removal of the existing pavement and base material and replacement with installation of a deep lift of 7 inches of asphalt. The new road will have a standard crossslope in the road to facilitate drainage and new striping. Additional items of work include repair of various sections of curb, gutter and sidewalk and installation of three sidewalk curb ramps at Lake Road and Carlmont Drive. The curb ramp work was requested for the access-impaired residents near this intersection several months ago, but construction was held until the next contract including specialty concrete work.

To achieve a better quality road surface over a shorter period of construction time, staff recommends that Lyall Way between Ralston Avenue and Lake Road be closed to all through traffic, except emergency vehicles, during construction.

Residents at 2220 Lake Road will have emergency only access to their driveway off Lyall Way, during the construction hours of 8 a.m. to 5 p.m. During non-construction hours, residents will be allowed to enter and exit their driveway. Access to their driveway will be permitted via Lake Road only. On-street residential parking is available on nearby streets and Lake Road.

Parents who access Merry Moppet Lane to drop off their children at Belmont Oaks Academy and Merry Moppet Preschool will not be permitted access to the Merry Moppet Lane during the road closure period. The parents will have alternate access to the schools from Carlmont Drive.

It is anticipated that the road closure will be in affect for up to 15 weekdays, favorable weather conditions permitting. Despite the inconvenience, the benefits are that the roadway will be completed quicker, safer, and with less expense.

Fiscal Impact

The engineer's estimate for the construction contract work is \$195,000. Staff also requests a 10 percent construction contingency up to \$19,500. Funding for the majority of this pavement work will be drawn from the Sewer Enterprise budget as a consequence of construction for CCN 465 – Lyall Way Sewer Rehabilitation. The remaining funds will be drawn from the Street Improvement budget.

<u>Fund (Account)</u>	<u>Amount</u>
Sewer Enterprise Fund (503-4326-7003-9030)	\$134,945
Street Improvement (234-4312-3100-9030)	<u>\$ 79,555</u>
Total	\$214,500

If the lowest responsible bid exceeds the engineer's estimate, staff will bring a recommendation to Council to either award with justification or to reject all bids.

Public Contact

The City Council agenda for this meeting was posted. After the project is awarded, the schools will be notified by the Public Works staff as well as by the construction contractor.

Recommendation

Staff recommends that the City Council take the following actions for City Contract Number 465B, the Lyall Way Pavement Rehabilitation:

1. Approve the construction plans and specifications,
2. Authorize advertisement for sealed bids,
3. Approve award of contract to the lowest responsible bidder for an amount not to exceed \$195,000,
4. Approve a construction contingency equal to 10 percent of the contract price, and
5. Authorize the City Manager to execute a contract with the lowest responsible bidder.

Alternatives

1. Refer back to staff for further information or other options.
2. Deny the request

Attachments

1. Resolution

Respectfully submitted,

Bennett Chun, P.E.
Associate Engineer

Raymond E. Davis, III
Director of Public Works

Jack Crist
Interim City Manager

RESOLUTION NO. _____

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BELMONT
APPROVING PLANS AND SPECIFICATIONS, AUTHORIZING ADVERTISEMENT
FOR SEALED BIDS, APPROVING AWARD OF CONTRACT TO THE LOWEST
RESPONSIBLE BIDDER FOR AN AMOUNT NOT TO EXCEED \$195,000 APPROVING
A CONSTRUCTION CONTINGENCY NOT TO EXCEED \$19,500, AND
AUTHORIZING THE CITY MANAGER TO EXECUTE A CONTRACT FOR LYALL
WAY PAVEMENT REHABILITATION,
CITY CONTRACT NUMBER 465B**

WHEREAS, Lyall Way between Ralston Avenue and Lake Road has not been treated or overlaid in the 40 years since its construction; and,

WHEREAS, the existing PCI of this segment of Lyall Way is 13; and,

WHEREAS, CCN 465 – Lyall Way Sewer Rehabilitation project is currently under construction; and,

WHEREAS, an oversized trench repair is inadequate to bridge to pavement with sufficient structural integrity; and,

WHEREAS, it is necessary to close Lyall Way between Ralston Avenue and Lake Road to all through traffic during construction hours, to achieve a better quality road surface over a shorter period of construction time; and,

WHEREAS, provisions will be made for emergency only access for residents at 2220 Lake Road during construction hours and permitted access during non-construction hours via Lake Road; and,

WHEREAS, the Department of Public Works has prepared plans and specifications for the pavement rehabilitation of Lyall Way between Ralston Avenue and Lake Road; and,

WHEREAS, the Sewer Enterprise Funds and the Street Improvement Funds have sufficient budget to fund this project.

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Belmont:

1. The City Council approves City Contract Number 465B plans and specifications.
2. The City Council authorizes advertisement for sealed bids for this work.
3. The City Council approves award of contract to the lowest responsible bidder for an amount not to exceed \$195,000.
4. The City Council approves a construction contingency to be administered by the City Manager for an amount equal to 10 percent of the construction contract.
5. The City Council authorizes the City Manager to execute a contract with the lowest responsible bidder.
6. Funding shall be from the FY2006 budget, project account 503-4326-7003-9030 and 234-4312-3100-9030.

I hereby certify that the foregoing Resolution was duly and regularly passed and adopted by the City Council of the City of Belmont at a regular meeting thereof held on September 13, 2005.

AYES, COUNCILMEMBER(S): _____

NOES, COUNCILMEMBER(S): _____

ABSTAIN, COUNCILMEMBER(S) _____

ABSENT, COUNCILMEMBER(S): _____

City Clerk of the City of Belmont

APPROVED:

Mayor of the City of Belmont