

Source:

Mike Hood

MH

TO: City Council
FROM: City Manager and Staff *[Signature]*
DATE: April 24, 2006
RE: Proposed Trail Access – Providence and Stewart MKT Underpass

Fiscal Impact

YES

NO

Other Info.

SUMMARY: At the March 6 Council Meeting , the Council requested a staff report on the potential to develop additional access points to the MKT Trail at the Stewart Road/Providence Road Intersection Underpass. Park and Recreation Department staff has completed a study of this issue and have determined that three additional accesses could be developed (see attached drawing). Estimated cost to develop the additional access points is \$24,900.

DISCUSSION: Upon direction from the City Council, Park and Recreation staff has reviewed the potential to develop additional access points to the City’s MKT Trail at the intersection of Stewart and Providence Roads. The access points would be developed in conjunction with the new trail underpass being built to provide trail users a below grade crossing of this high traffic intersection. Staff has concluded that three additional access points could be developed as shown on the attached drawing. Those access points are:

Access Point One: This access would be located northeast of the Providence/Stewart intersection and would connect the sidewalk running along the east side of Providence Road to the new underpass trail being constructed just east of the University Power Plant. This access would be located on University owned property and an agreement to construct this connection would need to be negotiated with the University. As proposed, this access would consist of 180 lineal feet of six foot wide concrete walkway. Estimated construction cost is \$5,400.

Access Point Two: This access would be located off the northwest corner of the intersection, on City owned property, and would connect the sidewalk along the north side of Stewart Road with the underpass trail. Because of the extremely steep terrain, the access would consist of a stairway with an adjacent ramp for walking bicycles down from the Stewart sidewalk to the trail. The access would be designed as a stairway having a 20 foot run with a 12 foot rise complete with railings and an adjacent ramp. Estimated cost is \$15,000.

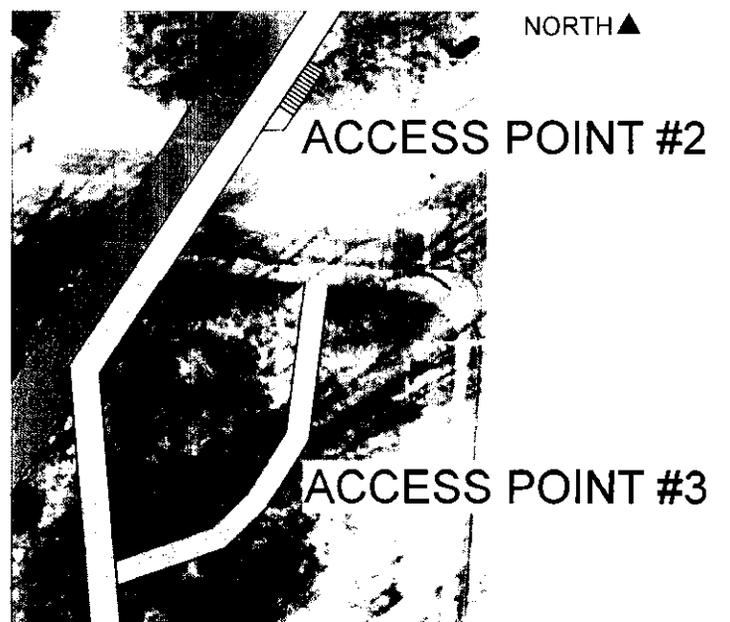
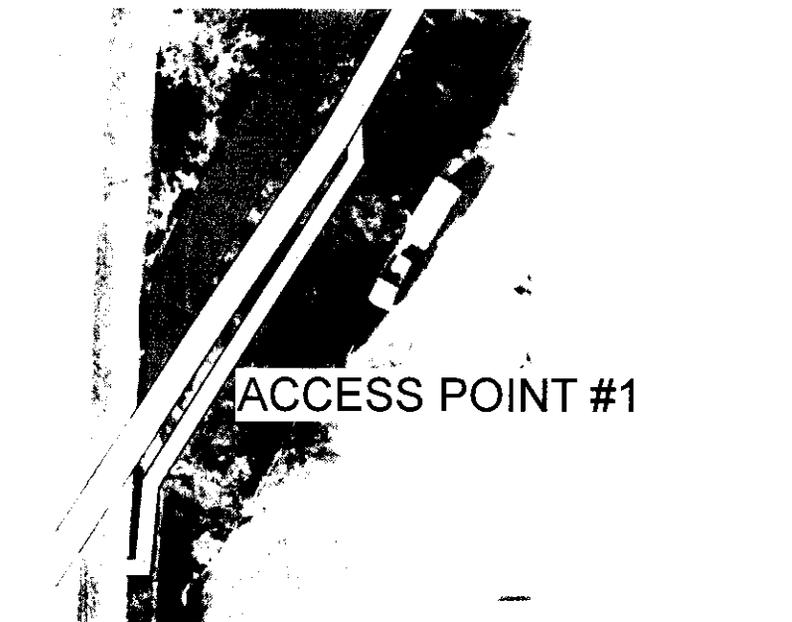
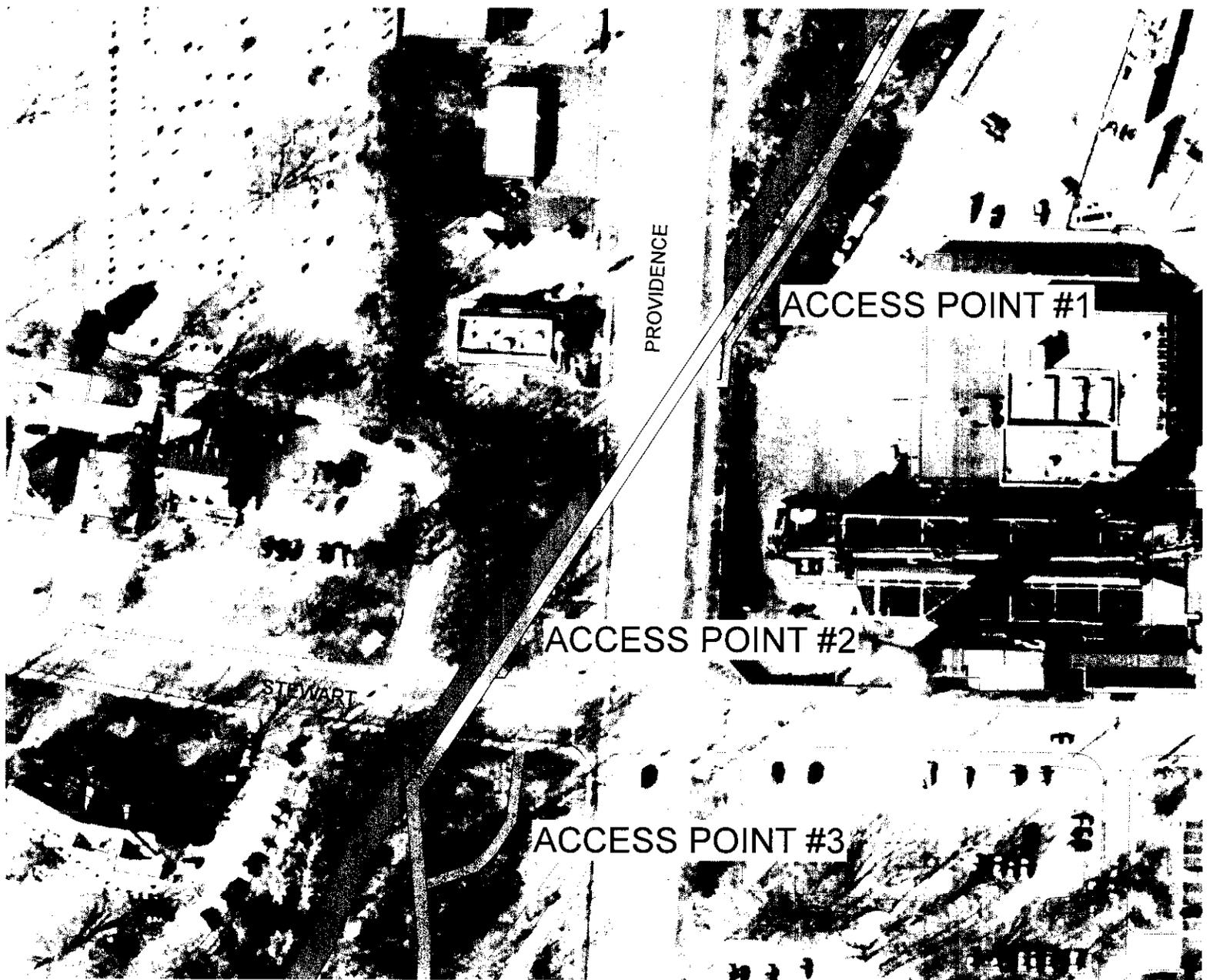
Access Point Three: This access would be located on City owned land just off the southwest corner of the intersection and would connect the sidewalk along the south side of Stewart to the underpass trail. This connection would consist of 150 lineal feet of six foot wide concrete trail and is estimated to cost \$4,500.

The proposed locations for the trail access points are believed to provide effective and safe routes for pedestrians and bicyclists to access the MKT Trail at the extremely high traffic Providence and Stewart Road intersection. Such access points should provide users an alternative to attempting the higher risk on-grade crossing.

Staff Recommendation: As noted above, the total estimated cost for the three accesses is \$24,900. If additional funding can be provided, staff believes that it would be appropriate to proceed with the construction of the accesses points at the same time construction of the underpass trail is being completed. Should Council wish to proceed in this manner, staff would recommend that the necessary funds be transferred from the City's greenbelt /trail account to the MKT Providence /Stewart underpass account, and staff be directed to implement the improvements as part of the underpass project.

An alternative to using greenbelt/trail funds for these additional access points would be to use funds from the alternative transportation pilot grant the City recently received. If this funding source is utilized, construction of the access points would need to be delayed until all guidelines and regulations for use of those funds are established.

SUGGESTED COUNCIL ACTION: Provide staff with direction as to how Council would like to proceed. If Council wishes to move forward with construction of the access points as part of the current trail underpass project, direct staff to transfer the necessary funds from the City's greenbelt/trails account and proceed with implementation.



TRAIL ACCESS POINTS

Providence and Stewart Trail Project
Trail intersection access points
Cost estimates 4-19-06

#1 ACCESS LOCATION

180 lineal feet of 6' wide concrete trail

\$30/ lineal foot

\$5400

#2 ACCESS LOCATION

12' rise, 20' run stairs with railing

\$15,000 lump sum

#3 ACCESS LOCATION

150 lineal feet of 6' wide concrete trail

\$30/ lineal foot

\$4500

TOTAL:

\$24,900