**ALTERNATIVE #1 - Overpass at 101st Avenue**

**Alternative #1 – Overpass at 101st Avenue**
- TH 169 access closure at 101st Avenue
- Maintains current trail alignment

**Summary**
- The overpass alternative is defined as a future scenario in which access to TH 169 would be closed at 101st Avenue and a bridge over TH 169 would be constructed.
- Does not accommodate projected build-out traffic demands to and from the south.
- Does not impact the Rush Creek Regional Trail.
- Limits the function of Oak Grove Parkway in the overall street network.
- Requires trips to and from the regional transportation system to use current access points at TH 169/109th Avenue and/or TH 610/W Broadway Avenue. These access points are expected to require significant improvements to address operational problems.
- Accommodates future plans for Bottineau LRT with modifications to the local street system.
- Results in a slight loss of access to and from the regional transportation system.
ALTERNATIVE #2 – Folded Diamond Interchange at 101st Avenue

• TH 169 auxiliary lanes (TH 610 to 109th Avenue)
• Maintains current trail alignment

Summary
• Accommodates projected build-out traffic demands to and from the south.
• Limited impacts to existing and planned development.
• Minimizes impacts to the Rush Creek Regional Trail.
• Balances trips at the regional access points while providing reasonable local access and circulation.
• Accommodates future plans for Bottineau LRT with modifications to the local street system.
• Potential to stage improvements as redevelopment/development occurs, but requires temporary loss of access at 101st Avenue.
• Concerns with close spacing to the TH 610 interchange.
Alternative #3 – Folded Diamond Interchange North at 103rd Avenue

- TH 169 northbound auxiliary lane (Interchange to 109th Avenue)
- Overpass at 101st Avenue
- Maintains current trail alignment

Summary

- Accommodates projected build-out traffic demands to and from the south.
- Limited impacts to existing and planned development.
- Does not impact the Rush Creek Regional Trail.
- Limits the function of Oak Grove Parkway in the overall street system.
- Balances trips at the regional access points while providing reasonable local access and circulation.
- Accommodates future plans for Bottineau LRT with modifications to the local street system.
- Concerns with higher costs due to two bridges.
- Potential to stage improvements as redevelopment/development occurs, but requires temporary loss of access at 101st Avenue.
- Provides better spacing to the TH 610 interchange, while requiring a northbound auxiliary lane along TH 169 to address spacing to 109th Avenue.
- Creates additional major intersections at Winnetka Avenue and Jefferson Highway, which results in heavy turning movements at some intersections.
ALTERNATIVE #4 - Buttonhook Interchange at 101st Avenue

Alternative #4 – Buttonhook Interchange at 101st Avenue

• TH 169 auxiliary lanes (TH 610 to Interchange)
• Overpass at Oak Grove Parkway
• Maintains current trail alignment

Summary

• Accommodates projected build-out traffic demands to and from the south.
• Limited impacts to existing and planned development.
• Minimizes impacts to the Rush Creek Regional Trail.
• Balances trips at the regional access points while providing reasonable local access and circulation.
• Accommodates future plans for Bottineau LRT with modifications to the local street system.
• Potential to stage improvements as redevelopment/development occurs, without loss of 101st Avenue access.
• Concerns with close spacing to the TH 610 interchange.
ALTERNATIVE #5 – Buttonhook Interchange North at 103rd Avenue

TH 169 northbound auxiliary lane (Interchange to 109th Avenue)
Overpass at 101st Avenue
Maintains current trail alignment

Summary
Accommodates projected build-out traffic demands to and from the south, but requires increased travel to access the 101st Avenue overpass.
Minimal impacts to existing and planned development.
Minimizes impacts to the Rush Creek Regional Trail.
Limits the function of Oak Grove Parkway in the overall street system.
Balances trips at the regional access points, but requires circuitous travel for adjacent properties.
Accommodates future plans for Bottineau LRT with modifications to the local street system.
Potential to stage improvements as redevelopment/development occurs, but requires temporary loss of 101st Avenue access.
Provides better spacing to the TH 610 interchange, while requiring a northbound auxiliary lane along TH 169 to address spacing to 109th Avenue.
Creates additional major intersections at Winnetka Avenue and Jefferson Highway, which results in heavy turning movements at some intersections.
**ALTERNATIVE #6 - Diamond Interchange at 105th Avenue and Overpass at 109th Avenue**

- Re-alignment of Winnetka Avenue
- Overpass at 101st Avenue
- Maintains current trail alignment

**Summary**

- Does not accommodate projected build-out traffic demands to and from the south and eliminates access at 109th Avenue. Similar to existing conditions with no increase in TH 169 access.
- Significant impacts to planned development in Brooklyn Park and existing development in Champlin.
- Does not impact to the Rush Creek Regional Trail.
- Eliminates north-south continuity on County road system (W Broadway Avenue and Winnetka Avenue)
- Limits the function of Oak Grove parkway in the overall street system.
- Requires trips to and from the regional transportation system to access the future TH 169 interchange and/or the W Broadway Avenue interchange at TH 610. Removal of access at 109th Avenue will impact nearby intersections.
- Accommodates future plans from Bottineau LRT.
- Potential to stage improvements as redevelopment/development occurs, without loss of 101st Avenue access.
- Concerns with higher costs due to two bridges.
- Provides better spacing to the TH 610 interchange.
- Creates additional major intersections at Winnetka Avenue and Jefferson Highway, which results in heavy turning movements at some intersections.
**ALTERNATIVE #7 - Folded Diamond North Interchange at Oxbow Creek Drive**

**Alternative #7 – Folded Diamond North Interchange at Oxbow Creek Drive**

- TH 169 northbound auxiliary lane (Interchange to 109th Avenue)
- Maintains current trail alignment

**Summary**

- Accommodates projected build-out traffic demands to and from the south.
- Moderate impacts to existing and planned development.
- Minimizes impacts to the Rush Creek Regional Trail.
- Conflicts with the function of Oak Grove Parkway in the overall street system.
- Balances trips at the regional access points while providing reasonable local access and circulation.
- Accommodates future plans for Bottineau LRT with modifications to the local street system.
- Potential to stage improvements as redevelopment/development occurs, but requires temporary loss of access at 101st Avenue.
- Provides better spacing to the TH 610 interchange, while requiring a northbound auxiliary lane along TH 169 to address spacing to 109th Avenue.
- Creates additional major intersections at Winnetka Avenue and Jefferson Highway, which results in heavy turning movements at some intersections.