

Title: Use of Roundabouts on the NEAHD Design-Build-Finance-Operate Project

Memorandum Date: September 27, 2011
 Design Exception Request Date: September 26, 2011
 Region: North Central
 Approval Status: Approved

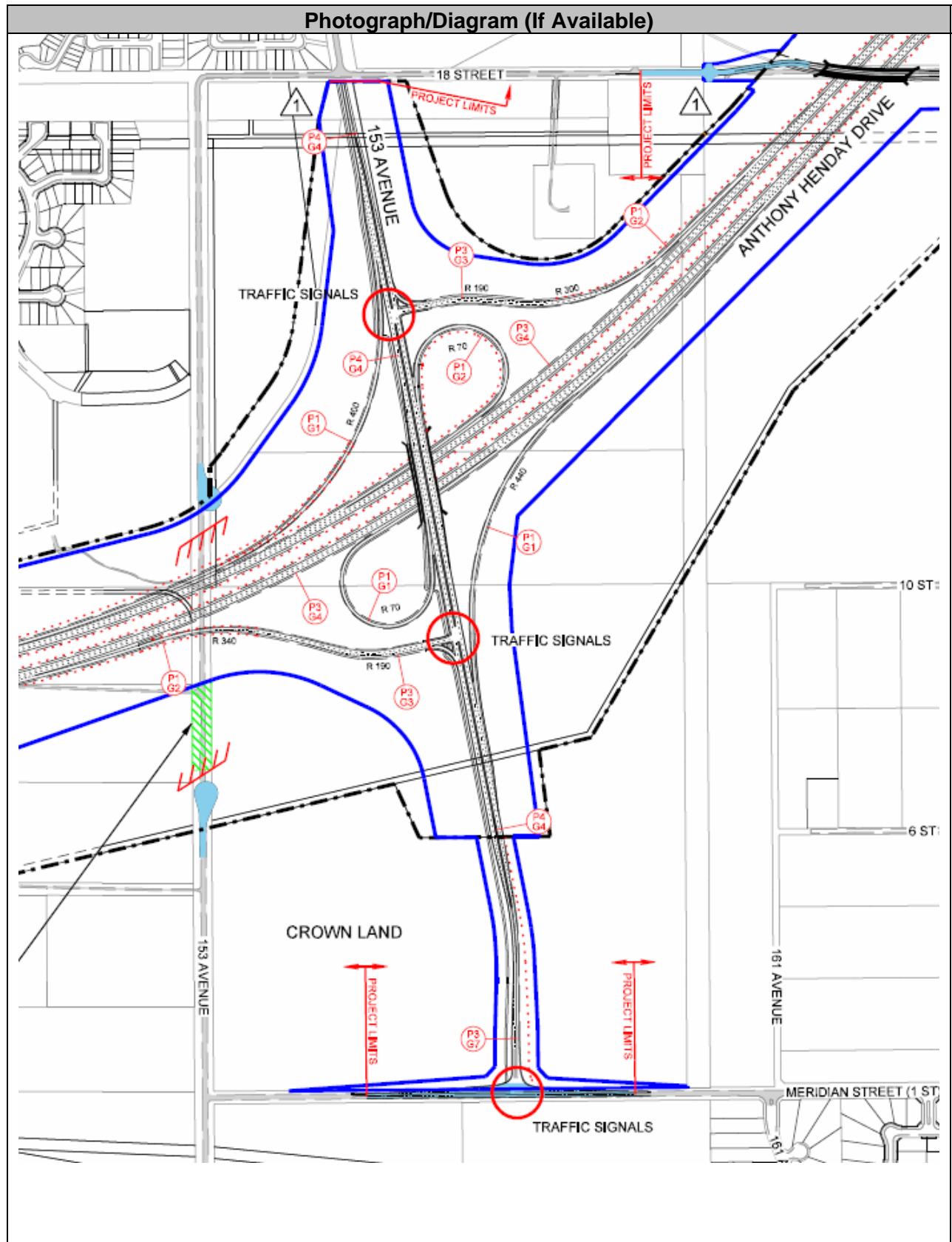
| Project Location | | | | | |
|------------------|-----------------|-------|---------|-------|---------------|
| Highway | Control Section | At km | From km | To km | Existing AADT |
| 216 | 02 | | | | |
| 16 | 18 | | | | |

| Project Type (Mark all that apply with an X) | | | |
|--|----------------------------|-----------------|-------------------|
| Functional Planning: | New Construction: X | Reconstruction: | Paving/Surfacing: |
| Bridge: | Operations: | Geotechnical: | Environmental: |
| Other: | | | |

| Summary |
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| The request asks that Design Bulletin 68 (stipulating that AT shall consider roundabouts to be the first choice for traffic control where a greater degree of control other than a two-way stop is required) not be applied to this project. |
| Rationale for Approval/Rejection |
| <ul style="list-style-type: none"> The policy outlined in Design Bulletin 68 was created with a traditional construction and consulting agreements in mind. Considering the nature of the Design-Build-Finance-Operate contract for the NEAHD project it could be problematic to deliver this type of infrastructure using this type of contract. This is partly due to the evolving nature of standards and practices for roundabout design on Alberta highways at this time. |

| Additional Mitigation Required |
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| No mitigation is required. |

| Key Words |
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| Roundabouts, Design Bulletin 68, Design-Build-Finance-Operate |



DESIGN STANDARDS/PRACTICE
EXCEPTION REQUEST SUMMARY

