

Highway 16:20 Functional Planning Study Update**Report Purpose**

To provide an update to Council on the Highway 16:20 Functional Planning Study.

Council History

June 21, 2016 – Council approved a motion that referred item 9.1, Letter in Support of Highway 16 Improvements, be referred to Administration to prepare a presentation on the implications of requesting that Alberta Transportation undertake improvements as recommended within the Highway 16:20 Function Planning Study.

June 21, 2016 – Councillor Smith moved the following:

That the Mayor, on behalf of Council, write to the Minister of Transportation requesting Alberta Transportation to make geometric improvements on Highway 16 at the intersection of Highway 830 per the Stage 1 recommendations within the Highway 16:20 Functional Planning Study to improve intersection turning movements, highway operational conditions, and public safety. (motion withdrawn by consent)

Strategic Plan Priority Areas

Economy: Future upgrades will contribute to effective and efficient infrastructure to meet the needs of our growing community.

Governance: Highway 16 is maintained and operated under the jurisdiction of the Alberta government through Alberta Transportation.

Social: The future roadway upgrades support safe roads for Strathcona residents.

Culture: N/A

Environment: N/A

Other Impacts

Policy: N/A

Legislative/Legal: N/A

Interdepartmental: Planning & Development Services; Transportation & Agriculture Services.

Summary

Alberta Transportation (AT) has proactively undertaken the Highway 16:20 Functional Planning Study comprising the area from east of Highway 824 (Range Road 222) to Range Road 210 (Elk Island National Park). This study was undertaken with participation from Capital Planning & Construction's (CPC), Transportation Planning branch.

Finalized on December 21, 2015, the report provides a framework for AT to plan and implement future improvements along this corridor, the first of which will be Stage 1 at-grade improvements at the Highway 830 intersection.

Highway 16 Stage 1 improvements will see the realignment of the westbound lanes of Highway 16 to south of the Fairmount Cemetery at Range Road 220, the re-profiling of the hill between Range Road 220 and Highway 830, lengthening the eastbound deceleration lane for left-turning traffic proceeding north on Highway 830 and lengthening westbound acceleration lane for right-turning southbound traffic from Highway 830 merging onto Highway 16. Both Capital Planning & Construction and Transportation & Agriculture Services (TAS) support these improvements.

Stage 1 is not currently in AT's 3-year capital plan, however, CPC continues to raise awareness and press for this project at quarterly meetings with AT.

Stage 1 improvements would lead to improved standards and safety features to accommodate on-going increases of truck traffic utilizing the intersection.

Stage 1 improvements would initiate both the closure and relocation of five private accesses encompassing nine properties in addition to closure of both the northbound and southbound Range Road 220 intersections.

Public engagement for planning purposes only was undertaken by AT staff and their consultants on September 22, 2011 and November 4, 2013.

Enclosure

1 Map – Highway 16:20 Stage 1 improvements