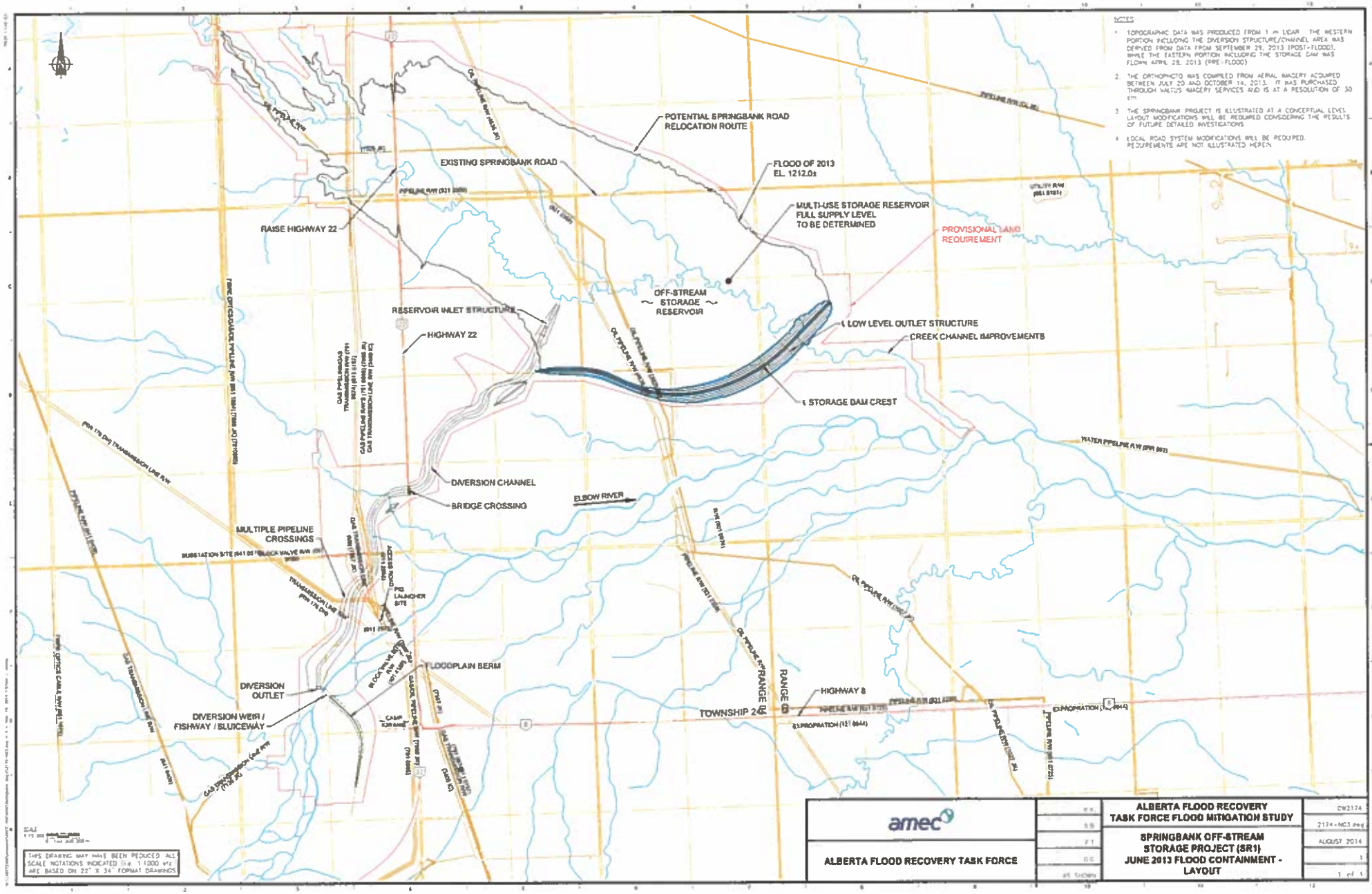
NOTES
1 TOPOGRAPHIC DATA WAS PRODUCED FROM 1 m LIDAR. THE WESTERN PORTION INCLUDING THE DIVERSION STRUCTURE/CHANNEL AREA WAS DERIVED FROM DATA FROM SEPTEMBER 29, 2013 (POST-FLOOD), WHILE THE EASTERN PORTION INCLUDING THE STORAGE DAM WAS FLOWN APRIL 29, 2013 (PRE-FLOOD)
2 THE ORTHOPHOTO WAS COMPILED FROM AERIAL IMAGERY ACQUIRED BETWEEN JULY 29 AND OCTOBER 14, 2013. IT WAS PURCHASED THROUGH VALTUS IMAGERY SERVICES AND IS AT A RESOLUTION OF 30 cm
3 THE SPRINGBANK PROJECT IS ILLUSTRATED AT A CONCEPTUAL LEVEL LAYOUT MODIFICATIONS WILL BE REQUIRED CONSIDERING THE RESULTS OF FUTURE DETAILED INVESTIGATIONS
4 LOCAL ROAD SYSTEM MODIFICATIONS WILL BE REQUIRED. REQUIREMENTS ARE NOT ILLUSTRATED HEREIN
POTENTIAL SPRINGBANK ROAD RELOCATION ROUTE
EXISTING SPRINGBANK ROAD
FLOOD OF 2013 EL. 1212.0±
MULTI-USE STORAGE RESERVOIR FULL SUPPLY LEVEL TO BE DETERMINED
PROVISIONAL LAND REQUIREMENT
RAISE HIGHWAY 22
OFF-STREAM STORAGE RESERVOIR
RESERVOIR INLET STRUCTURE
HIGHWAY 22
℄ LOW LEVEL OUTLET STRUCTURE
CREEK CHANNEL IMPROVEMENTS
℄ STORAGE DAM CREST
DIVERSION CHANNEL
BRIDGE CROSSING
ELBOW RIVER
MULTIPLE PIPELINE CROSSINGS
FLOODPLAIN BERM
DIVERSION OUTLET
DIVERSION WEIR / FISHWAY / SLUICEWAY
HIGHWAY 8
TOWNSHIP 24
RANGE 8
RANGE 7
THIS DRAWING MAY HAVE BEEN REDUCED. ALL SCALE NOTATIONS INDICATED (i.e. 1:1000 etc) ARE BASED ON 22" x 34" FORMAT DRAWINGS
amec
ALBERTA FLOOD RECOVERY TASK FORCE
ALBERTA FLOOD RECOVERY TASK FORCE FLOOD MITIGATION STUDY
SPRINGBANK OFF-STREAM STORAGE PROJECT (SR1) JUNE 2013 FLOOD CONTAINMENT - LAYOUT
CW2174
2174-NC5.dwg
AUGUST 2014
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