



- NOTES**
1. SEE DRAWING CV-003-01 FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS.
  2. EXISTING DAM WILL BE OPERATED BY PARKS CANADA DURING CONSTRUCTION PERIOD.
  3. EXISTING CONCRETE DAM TO BE DEMOLISHED AFTER COMPLETION OF NEW DAM COMMISSIONING.
  4. REFER TO DRAWING CV-010-01 FOR STREAM CHANNEL DEVELOPMENT AND DRAW DOWN REQUIREMENTS FOR AREA BETWEEN NEW DAM AND OLD DAM.
  5. MAINTAIN MINIMUM ENVIRONMENTAL FLOW OF 1.5 CMS UP TO 2.5 CMS BY PUMPING AND PIPING OR OTHER MEANS IN ORDER TO PASS CLEAN LAKE WATER FROM UPSTREAM OF NEW DAM TO DISCHARGE POINT DOWNSTREAM OF OLD DAM DURING STREAM CHANNEL DEVELOPMENT AND OLD DAM DEMOLITION.
  6. DISPOSE ALL DEBRIS FROM DEMOLITION AT APPROVED SITE.
  7. SALVAGE LIFTING MECHANISM AND DELIVER TO PARKS CANADA COMPOUND IN SMITHS FALLS ONTARIO. DISPOSE ALL OTHER ITEMS.
  8. CONCRETE TO BE DEMOLISHED TO ELEVATION GRADE CORRESPONDING TO LAKE BOTTOM PROFILE IMMEDIATELY UPSTREAM AND ALONG EXISTING DAM PROFILE. CONCRETE SILL AND SOUTH WING WALL TO REMAIN.
  9. STREAM BED ENVIRONMENTAL REHABILITATION AND DAM DEMOLITION MUST BE SUBSTANTIALLY COMPLETE WITHIN A THREE WEEK PERIOD TO ALLOW FOR PASSAGE OF WATER THROUGH THE NEW STREAM CHANNEL. SCHEDULING OF THIS WORK IS DEPENDENT ON WATER WORK RESTRICTION AND FLOW CONDITIONS REQUIREMENTS AT BOBS LAKE.
  10. PROCESS WOULD BE:
    - 1) PARTIAL DRAW DOWN OF AREA BETWEEN NEW DAM AND OLD DAM IN A MANNER TO PREVENT EROSION AND TURBIDITY
    - 2) CONSTRUCTION AND COMMISSIONING OF BYPASS SYSTEM TO PASS MINIMUM 1.5 cms UP TO 2.5 cms THROUGH STREAM BED REHABILITATION AND DEMOLITION AREA
    - 3) FULL DRAW DOWN OF AREA BETWEEN OLD DAM AND NEW DAM
    - 4) MEASURES TO CONTROL SEEPAGE FROM NEW DAM DIVERS SEEPAGE TO SEDIMENT TREATMENT, AND RELEASE IN ORDER TO FACILITATE STREAM BED REHABILITATION WORK IN THE DRY
    - 5) CONSTRUCTION OF STREAM BED REHABILITATION AND OLD DAM DEMOLITION
    - 6) SUBSTANTIALLY COMPLETION OF STREAM BED REHABILITATION AND OLD DAM DEMOLITION WITHIN THREE WEEK PERIOD TO ALLOW FOR COMMISSIONING OF NEW DAM AND FLOWS THROUGH NEW STREAM CHANNEL.

- LEGEND:**
- CLEARING AREA
  - DEMOLITION AREA

no	date	issue and/or modifications	by
4	2018-02-22	ISSUED FOR TENDER	J.K.
3	2017-02-23	ISSUED FOR REVIEW	J.K.
2	2016-11-04	ISSUED FOR REVIEW	J.K.
1	2016-08-02	PRELIMINARY DESIGN - 66% STAGE	J.K.
0	2016-06-02	PRELIMINARY	J.K.

Parks Canada  
**Canada**  
**CIMA**  
 600-3400 du Souvenir Blvd  
 Level CC, Rm 322  
 Phone: 514 337-2462  
 Fax: 450 682-1013  
 www.cima.ca

ISO 9001

project		BOBS LAKE DAM REPLACEMENT BOLINGBROKE - ONTARIO	
site		EXISTING SITE PLAN DEMOLITION	
drawn	H. OTMANI	scale	1:250
checked	J. CARON	date	2015-07-28
designed	Y. BERTON	reference	
approved	J. KONCZYNSKI		
drawing no		A0138 A000492B CV 003 01 4	

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