

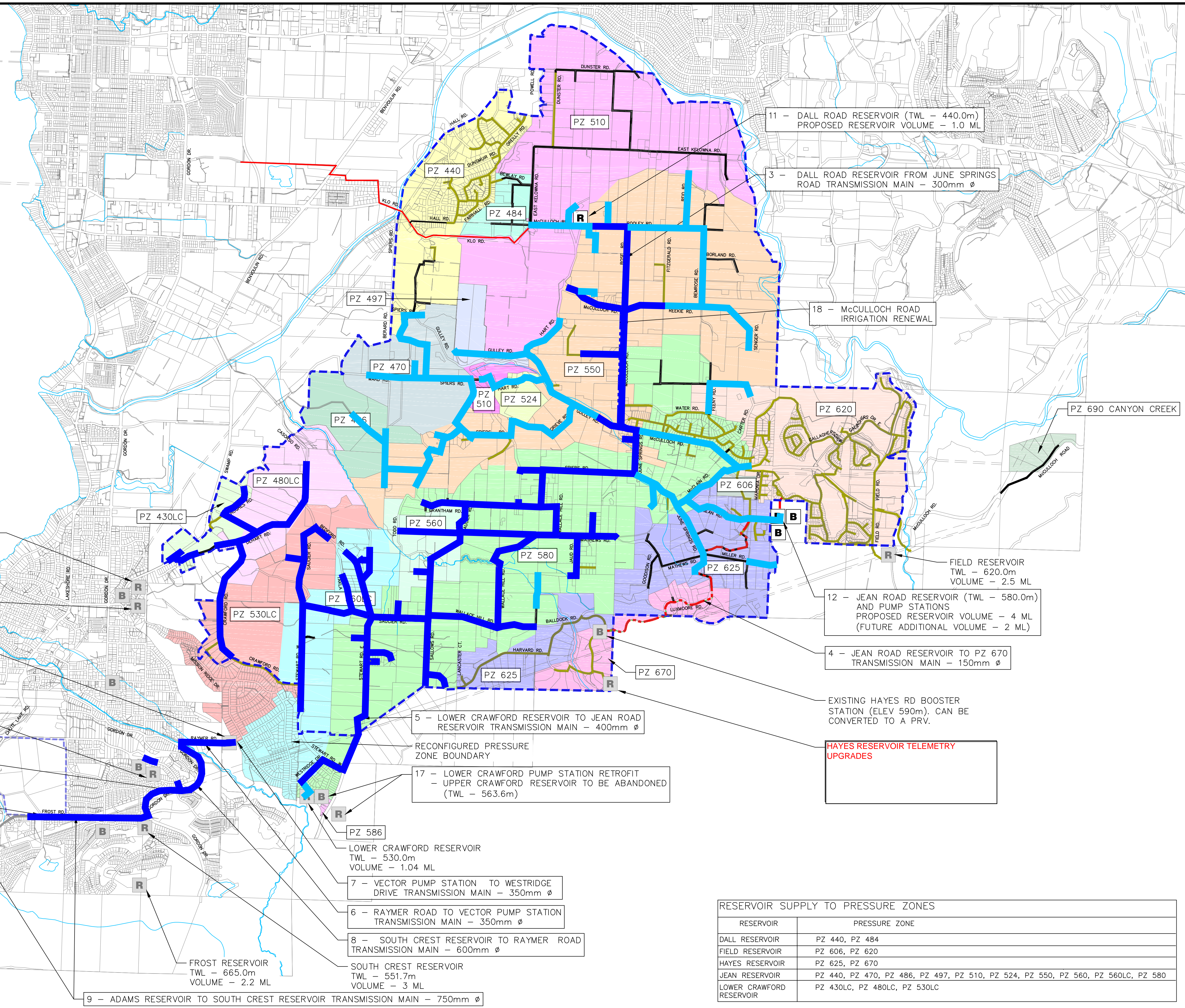
**PIPE CONSTRUCTION PROGRESS**  
**2019-09-01**

TOTAL LENGTH OF PIPE INSTALLED  
 APPROXIMATELY: 66,900m of 78,932m

PIPE INSTALLED █

COMMISSIONED WATERMAIN █

TOTAL SERVICES CONNECTED: 363



16 - VECTOR ROAD PUMP STATION  
 RECONFIGURATION (ELEV 427.5m)  
 EXISTING PUMP OUTLET @ 150 psi  
 REPLACE WITH PRV @ 150 psi

STEEL RESERVOIR  
 TWL - 452.6m

SOMID TIE IN SERVICING  
 SPRING 2019

STEEL ROAD CONNECTION  
 FOR STEEL ROAD RESERVOIR  
 SUPPLY

SOMID TIE IN LOCATION  
 (FROST ROAD)

STELLAR RESERVOIR  
 TWL - 465.9m

15 - STELLAR PUMP  
 STATION UPGRADE  
 WITH 750mm Ø  
 TRANSMISSION MAIN  
 CONNECTED AT  
 QUILCHENA DRIVE

EXISTING TRANSMISSION MAIN

14 - ADAMS RESERVOIR EXPANSION (KVR)  
 TWL - 551.7m, VOLUME - 5 ML  
 PROPOSED 2 ML EXPANSION,  
 TOTAL VOLUME - 7 ML

FROST RESERVOIR  
 TWL - 665.0m  
 VOLUME - 2.2 ML

9 - ADAMS RESERVOIR TO SOUTH CREST RESERVOIR TRANSMISSION MAIN - 750mm Ø

5 - LOWER CRAWFORD RESERVOIR TO JEAN ROAD  
 RESERVOIR TRANSMISSION MAIN - 400mm Ø

17 - LOWER CRAWFORD PUMP STATION RETROFIT  
 - UPPER CRAWFORD RESERVOIR TO BE ABANDONED  
 (TWL - 563.6m)

LOWER CRAWFORD RESERVOIR  
 TWL - 530.0m  
 VOLUME - 1.04 ML

7 - VECTOR PUMP STATION TO WESTRIDGE  
 DRIVE TRANSMISSION MAIN - 350mm Ø

6 - RAYMER ROAD TO VECTOR PUMP STATION  
 TRANSMISSION MAIN - 350mm Ø

8 - SOUTH CREST RESERVOIR TO RAYMER ROAD  
 TRANSMISSION MAIN - 600mm Ø

SOUTH CREST RESERVOIR  
 TWL - 551.7m  
 VOLUME - 3 ML

11 - DALL ROAD RESERVOIR (TWL - 440.0m)  
 PROPOSED RESERVOIR VOLUME - 1.0 ML

3 - DALL ROAD RESERVOIR FROM JUNE SPRINGS  
 ROAD TRANSMISSION MAIN - 300mm Ø

18 - McCULLOCH ROAD  
 IRRIGATION RENEWAL

PZ 620

FIELD RESERVOIR  
 TWL - 620.0m  
 VOLUME - 2.5 ML

12 - JEAN ROAD RESERVOIR (TWL - 580.0m)  
 AND PUMP STATIONS  
 PROPOSED RESERVOIR VOLUME - 4 ML  
 (FUTURE ADDITIONAL VOLUME - 2 ML)

4 - JEAN ROAD RESERVOIR TO PZ 670  
 TRANSMISSION MAIN - 150mm Ø

EXISTING HAYES RD BOOSTER  
 STATION (ELEV 590m). CAN BE  
 CONVERTED TO A PRV.

HAYES RESERVOIR TELEMTRY  
 UPGRADES

RESERVOIR	PRESSURE ZONE
DALL RESERVOIR	PZ 440, PZ 484
FIELD RESERVOIR	PZ 606, PZ 620
HAYES RESERVOIR	PZ 625, PZ 670
JEAN RESERVOIR	PZ 440, PZ 470, PZ 486, PZ 497, PZ 510, PZ 524, PZ 550, PZ 560, PZ 560LC, PZ 580
LOWER CRAWFORD RESERVOIR	PZ 430LC, PZ 480LC, PZ 530LC

**LEGEND**

SEKID BOUNDARY	<span style="color: blue;">---</span>	EXISTING RESERVOIR	<b>R</b>
SOMID BOUNDARY	<span style="color: blue;">---</span>	PROPOSED RESERVOIR	<b>R</b>
WATER TRANSMISSION MAIN	<span style="color: red;">---</span>	EXISTING BOOSTER STATION	<b>B</b>
IRRIGATION RENEWAL	<span style="color: blue;">---</span>	PROPOSED BOOSTER STATION	<b>B</b>
DISTRIBUTION WATER MAIN	<span style="color: black;">---</span>		
CONVERTED WATER MAIN	<span style="color: yellow;">---</span>		

**NAD 83**  
 INSERTION BASE POINT= 300,000 , 5,500,000

Locations and offsets of existing utilities shown on this plan are not guaranteed to be accurate and must be verified in the field PRIOR TO CONSTRUCTION. The City of Kelowna does not guarantee their accuracy. Concerned persons should not rely on these documents and should verify all information shown by way of site survey and other appropriate methods. The City of Kelowna accepts no liability for use of these files or information.

NO.	18/05/24	RT	RE-ISSUED FOR INFORMATION	BdW
BY			REVISION	CH'KD

BASE	RT	DESIGN	RT
APPROVED		BdW	
DATE		OCTOBER 2017	
SCALE		1:20,000	
SCALE NOT ACCURATE OVER LONG DISTANCES			

**THE CITY OF KELOWNA**  
 DESIGN AND CONSTRUCTION

**AECOM**

KELOWNA INTEGRATED WATER PROJECT  
 PHASE 1 - OVERVIEW MAP  
 OPTION 1

DRAWING NO. KEY MAP  
 REV NO. G