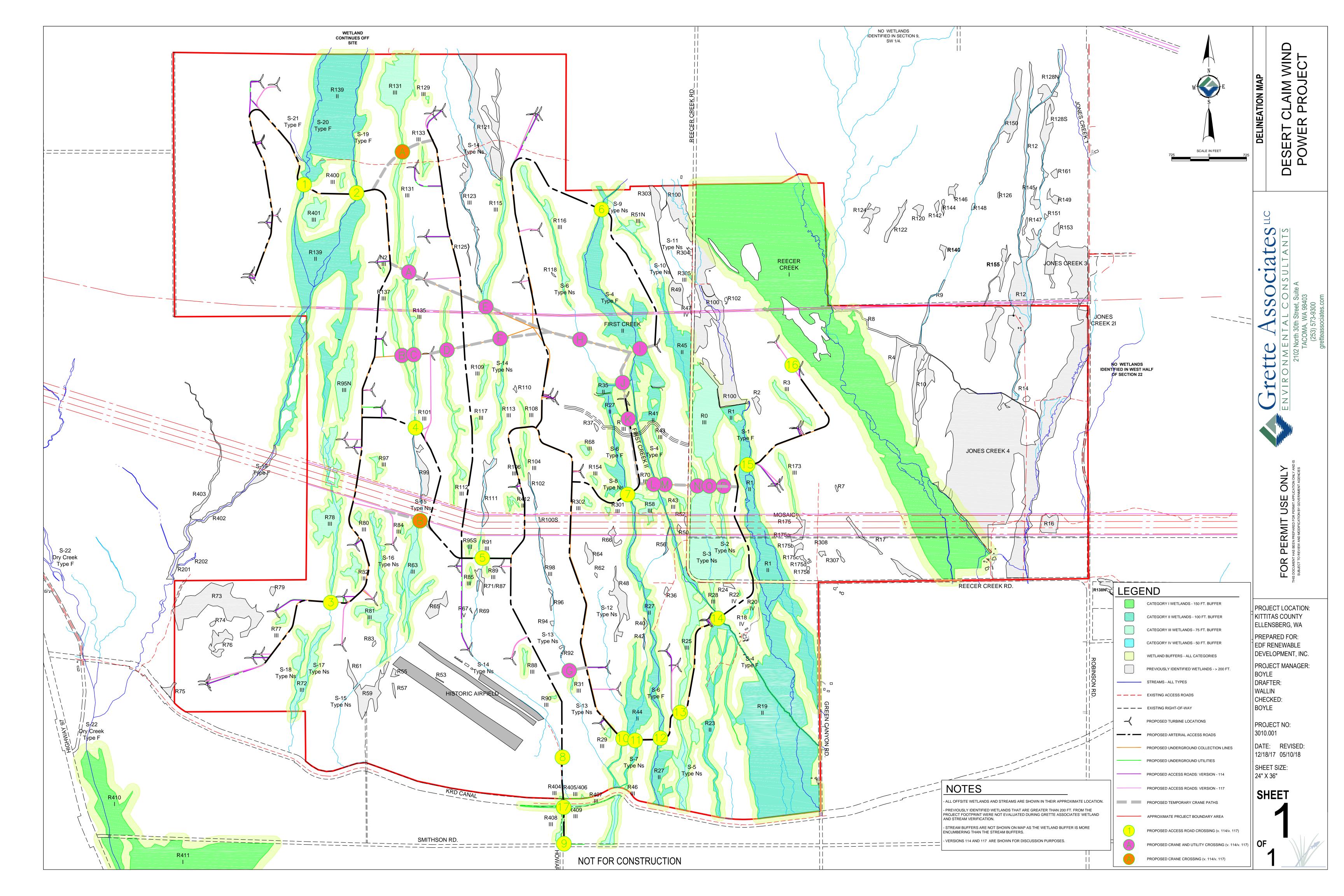
# **DESERT CLAIM WIND POWER LLC.**

# DESERT CLAIM WIND POWER PROJECT WETLAND DELINEATION AND ANALYSIS REPORT

APPENDIX E: CROSSING PHOTO EXHIBIT



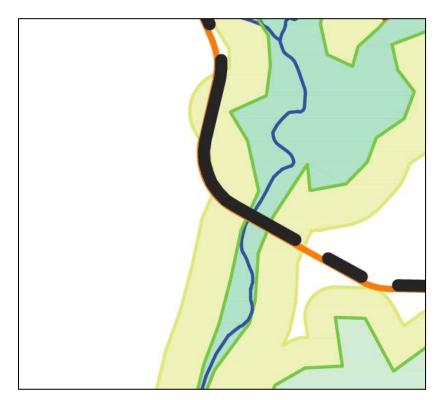
**Crossing RX-1**: Seasonal stream within the western portion of R139. Stream was observed dry in summer of 2017. Standard Duty Crossing.





Activity	Wetland/Type	Impact /volume (ft²/yds³)	Stream/Type	Impact /volume (ft <sup>2</sup> /yds <sup>3</sup> )
Permanent Fill	R139 Riverine Cat II	1002/76	S20 Type F	174/13
Disturbance (<90 days)	Same	2222	Same	349

## Wetland R139, Stream S-20

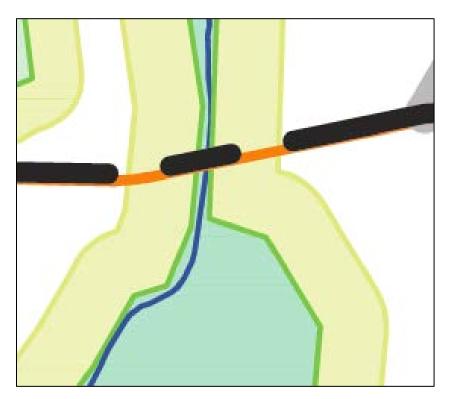


RX-2: Seasonal stream within the eastern portion of R139. Stream was observed dry in summer of 2017. Standard duty crossing.



Activity	Wetland/Type	Impact /volume (ft²/yds³)	Stream/Type	Impact /volume (ft²/yds³)
Permanent Fill	R-139 Riverine Cat II	392/28	S19 Type F	44/4
Disturbance (<90 days)	Same	828ft <sup>2</sup>	Same	131ft <sup>2</sup>

Wetland R-139, Stream S-19

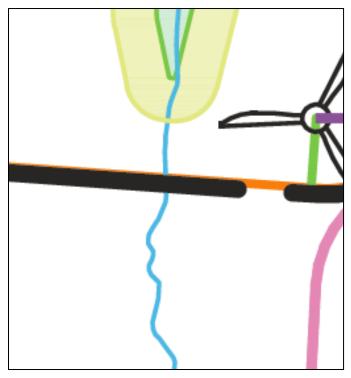


RX-3: Observed stream characteristics (bed and channel) are fragmented within a vegetated topographic swale. Channeled area was observed with no hydrology (S-17). The origin of any continuous feature would be situated south within R72. Standard duty crossing.



Activity	Wetland/Type	Impact /volume (ft²/yds³)	Stream/Type	Impact /volume (ft²/yds³)
Permanent Fill	N/A	N/A	S-17 Type Ns	44/4
Disturbance (<90 days)	N/A	N/A	Same	131ft <sup>2</sup>



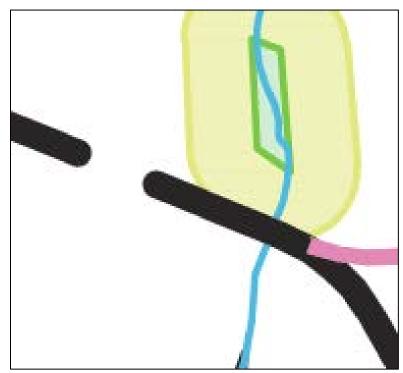


RX-4: Indication of periodic flow or ponding (non-flow) was observed. Area was dry. Based on observation, the more appropriate characterization of this feature (S-15) is an ephemeral swale. In addition, upslope observations at CCX-A, B, and C did not observe any channelized flow. Observed surface hydrology (sheet flow) was associated with wetland R1. Standard duty crossing.



Activity	Wetland/Type	Impact /volume (ft <sup>2</sup> /yds <sup>3</sup> )	Stream/Type	Impact /volume (ft²/yds³)
Permanent Fill	N/A	N/A	S-15 Type Ns	131/9
Disturbance (<90 days)	N/A	N/A	Same	262ft <sup>2</sup>

Stream S-15

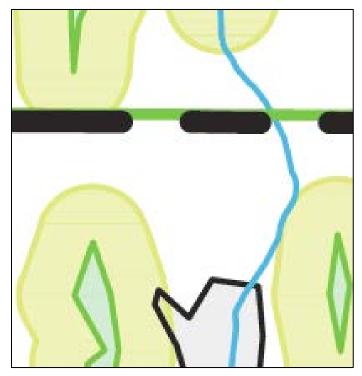


RX-5: Seasonal stream (S-14), no fringe wetland. Standard duty crossing.



Activity	Wetland /Type	Impact /volume (ft <sup>2</sup> /yds <sup>3</sup> )	Stream/Type	Impact /volume (ft <sup>2</sup> /yds <sup>3</sup> )
Permanent Fill	N/A	N/A	S-14, Type Ns	131/10
Disturbance (<90 days)	N/A	N/A	Same	262ft <sup>2</sup>

Stream S-14

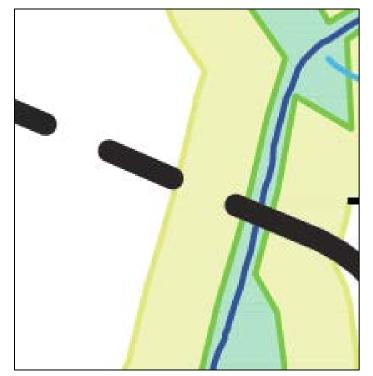


RX-6: First Creek (S-4) crossing. Standard duty crossing with culvert.



Activity	Wetland/Type	Impact /volume (ft <sup>2</sup> /yds <sup>3</sup> )	Stream/Type	Impact /volume (ft <sup>2</sup> /yds <sup>3</sup> )
Permanent Fill	First Creek Riverine Cat II	653/47	S-4, Type F	87/7
Disturbance (<90 days)	Same	1394ft <sup>2</sup>	Same	218ft <sup>2</sup>

# First Creek (S-4)



RX-7: Perennial stream with fringe wetland. Standard duty crossing.



Activity	Wetland/Type	Impact /volume (ft <sup>2</sup> /yds <sup>3</sup> )	Stream/Type	Impact /volume (ft <sup>2</sup> /yds <sup>3</sup> )
Permanent Fill	R27 Riverine Cat II	1020/76	S-6, Type F	44/4
Disturbance (<90 days)	Same	2090ft <sup>2</sup>	Same	131ft <sup>2</sup>

## Wetland R2, Stream S-6

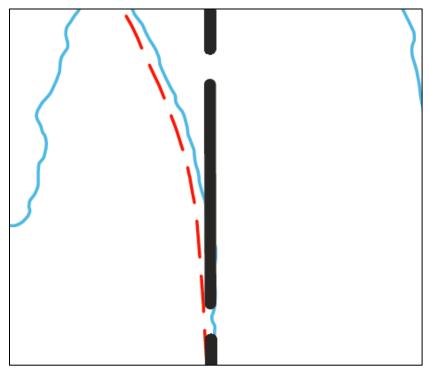


RX-8: Ditched ephemeral stream (S-14). Standard duty crossing.



Activity	Wetland/Type	Impact /volume (ft <sup>2</sup> /yds <sup>3</sup> )	Stream/Type	Impact /volume (ft²/yds³)
Permanent Fill	N/A	N/A	S-14, Type Ns	44/4
Disturbance (<90 days)	N/A	N/A	Same	131ft <sup>2</sup>



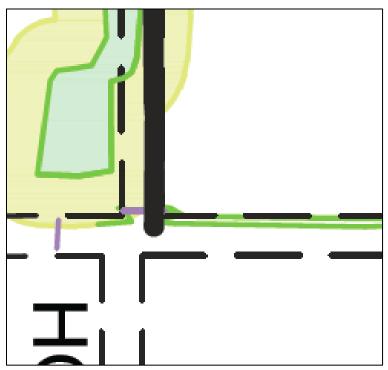


RX-9: Ditch along Smithson Rd.



Activity	Wetland/Type	Impact /volume (ft²/yds³)	Stream/Type	Impact /volume (ft²/yds³)
Permanent Fill	N/A	N/A	Ditch	N/A
Disturbance (<90 days)	N/A	N/A	Same	828ft <sup>2</sup>

# Smithson Rd ditch

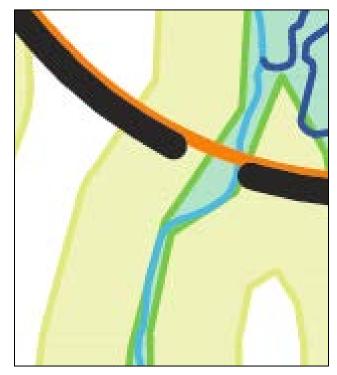


RX-10: Very little surface water observed. No stream indicators observed at crossing location. Standard duty crossing.



Activity	Wetland/Type	Impact /volume (ft <sup>2</sup> /yds <sup>3</sup> )	Stream/Type	Impact /volume (ft <sup>2</sup> /yds <sup>3</sup> )
Permanent Fill	R44	871/64	S-12	44/3
	Riverine Cat II		Type Ns	
Disturbance (<90 days)	Same	1742ft <sup>2</sup>	Same	88ft <sup>2</sup>

#### Wetland R44, Stream S-12

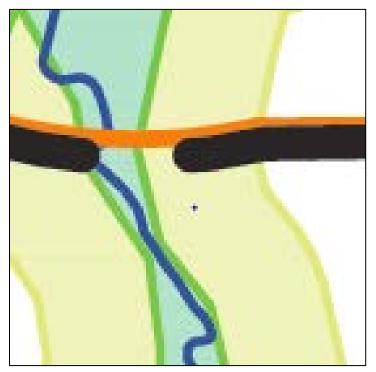


RX-11: Surface water and flow was observed. Flow was confined in a vegetated area within the wetland. Standard duty crossing.



Activity	Wetland/Type	Impact /volume (ft <sup>2</sup> /yds <sup>3</sup> )	Stream/Type	Impact /volume (ft²/yds³)
Permanent Fill	R44 Riverine Cat II	915/68	S-6 Type F	44/3
Disturbance (<90 days)	Same	1873ft <sup>2</sup>	Same	88ft <sup>2</sup>

Wetland R44, Stream S-6

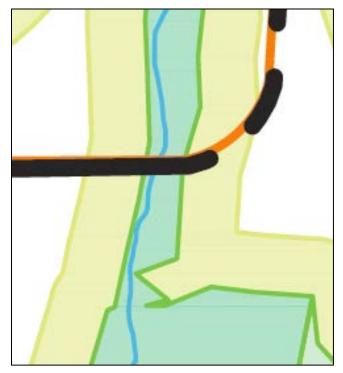




RX-12: This portion of stream was dry in summer of 2017. Standard duty crossing.

Activity	Wetland/Type	Impact /volume (ft <sup>2</sup> /yds <sup>3</sup> )	Stream/Type	Impact /volume (ft <sup>2</sup> /yds <sup>3</sup> )
Permanent Fill	R27 Riverine Cat II	1263/93	S-7 Type Ns	44/3
Disturbance (<90 days)	Same	2570ft <sup>2</sup>	Same	88ft <sup>2</sup>

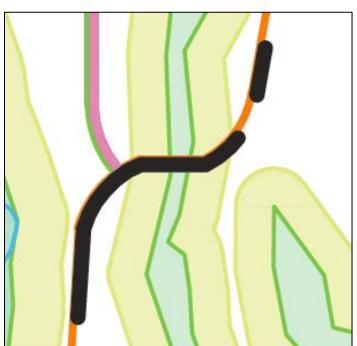
Wetland R27, Stream S-7



RX-13: Ephemeral channel associated with the irrigation system up slope. Standard duty crossing.



Activity	Wetland/Type	Impact /volume (ft <sup>2</sup> /yds <sup>3</sup> )	Stream/Type	Impact /volume (ft <sup>2</sup> /yds <sup>3</sup> )
Permanent Fill	R25 Slope Cat III	741/56	N/A	N/A
Disturbance (<90 days)	Same	1481ft <sup>2</sup>	N/A	N/A



Wetland R25

RX-14: First Creek crossing. Standard duty crossing with culvert.



Activity	Wetland/Type	Impact /volume (ft <sup>2</sup> /yds <sup>3</sup> )	Stream/Type	Impact /volume (ft²/yds³)
Permanent Fill	First Creek Riverine Cat II	348/25	S-4 Type F	44/4
Disturbance (<90 days)	Same	740ft <sup>2</sup>	Same	131ft <sup>2</sup>

## First Creek Wetland, Stream S-4

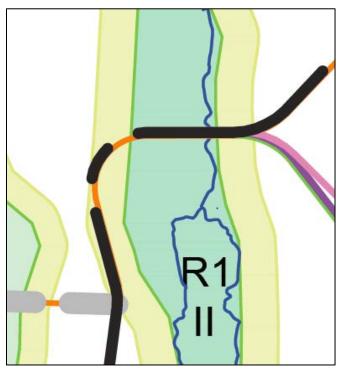


RX-15: Ephemeral Stream in Wetland R1. Standard duty crossing with culvert.



Activity	Wetland/Type	Impact /volume (ft <sup>2</sup> /yds <sup>3</sup> )	Stream/Type	Impact /volume (ft <sup>2</sup> /yds <sup>3</sup> )
Permanent Fill	R1 Riverine Cat II	4443/330	S-1 Type F	218/15
Disturbance (<90 days)	Same	740ft <sup>2</sup>	Same	305ft <sup>2</sup>

# Wetland R1, Stream S-1



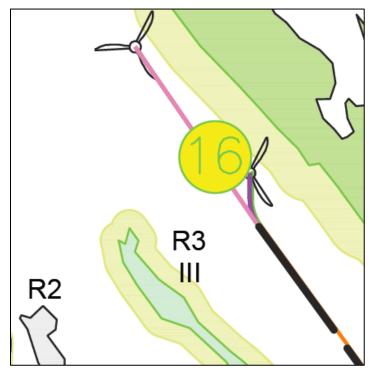
RX-16: Lateral ditch through uplands. Standard duty crossing with culvert.





Activity	Wetland/Type	Impact /volume (ft <sup>2</sup> /yds <sup>3</sup> )	Stream/Type	Impact /volume (ft²/yds³)
Permanent Fill	N/A	N/A	Ditch	44/4
Disturbance (<90 days)	N/A	N/A	Same	88ft <sup>2</sup>

# Lateral ditch in NE portion of Project Area

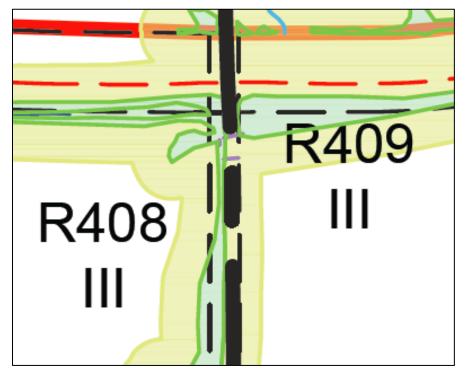


RX-17: Bridge approach/bridge replacement.



Activity	Wetland/Type	Impact /volume (ft <sup>2</sup> /yds <sup>3</sup> )	Stream/Type	Impact /volume (ft²/yds³)
Permanent Fill	R408 Depression Cat III	3485/381	N/A	N/A
Disturbance (<90 days)	N/A	N/A	N/A	N/A

## Approach to bridge over KRD canal



#### Example photos of crane crossing

The air bridge can be used for narrow and shallow wetland or stream crossings with a low grade. Timber pads are placed on the ground for the crane to traverse. Due to the size of the crane treads and the timber pads, weight is distributed over a large surface reducing compaction and impact. The timber pads are left in place only long enough for the crane to pass over them (then they are re-deployed at another crossing).



