

LOMR Study Updates

For City of Malibu

By Moffatt & Nichol, 6/18/2020

List of Transects

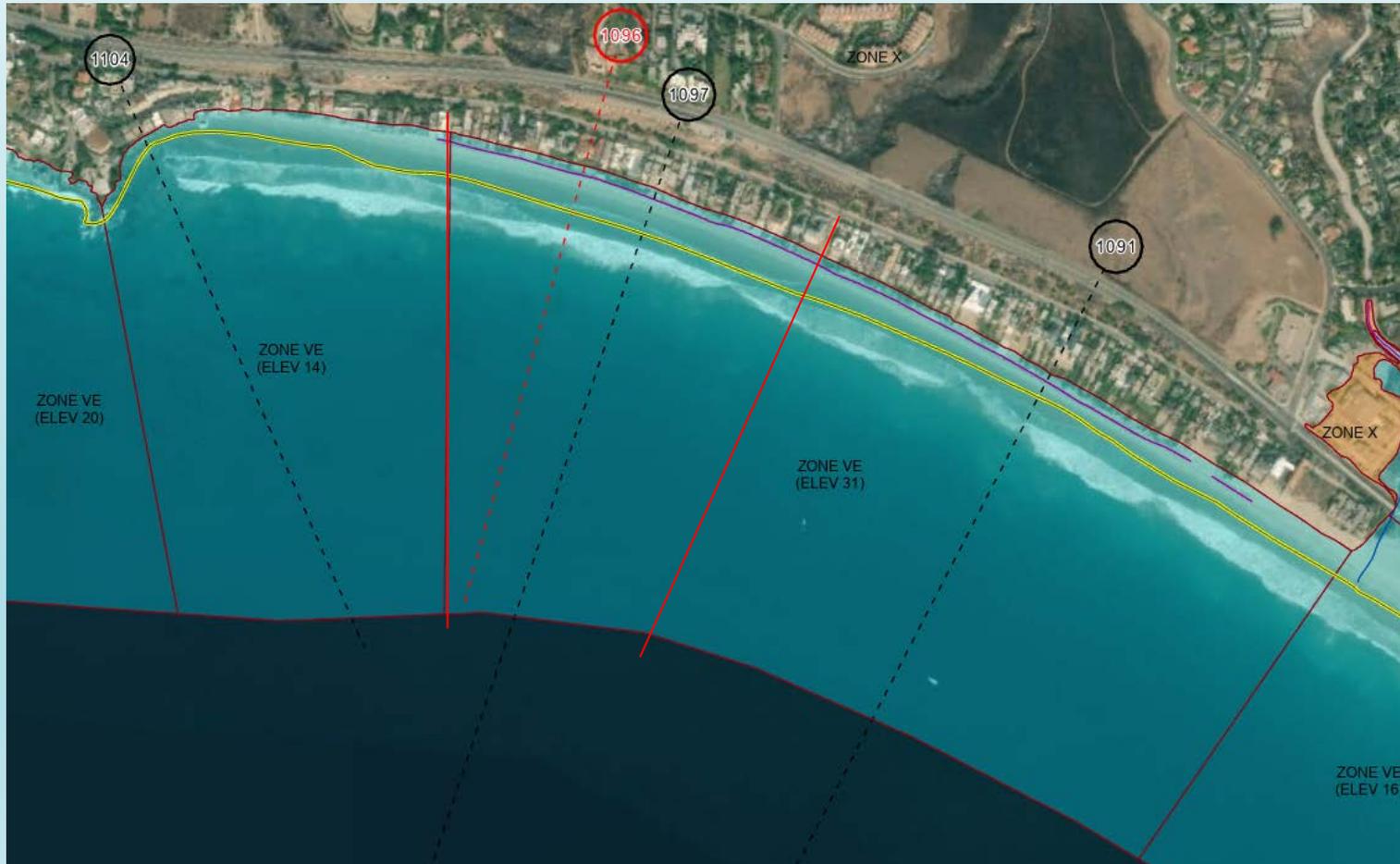
Thirteen (13) FEMA Transects	Seven (7) Added Transects
Tr#23 (987)	N1 (Btw. Tr#10&11)
Tr#24 (981)	N2 (Btw. Tr#26&27)
Tr#25 (976)	N3 (Btw. Tr#27&28)
Tr#27 (956)	N4 (Btw. Tr#28&29)
Tr#28 (946)	N5 (Btw. Tr#32&33)
Tr#31 (914)	N6 (Btw. Tr#39&40)
Tr#32 (906)	N7 (Btw. Tr#40&41)
Tr#36 (870)	
Tr#38 (859, 859_F)	
Tr#40 (846)	
Tr#41 (831)	
Tr#42 (824, 824_F)	
Tr#43 (817)	

Transect	Comments on Transects Analyzed	
N1 (1096)	BFE + width reduced	BFE reduced 2ft ; zone width reduced 3ft
#23 (987)	BFE + width reduced	BFE reduced 2ft; zone width reduced 14ft (no overtopping in LOMR analysis)
#24 (981)	No Benefit	BFE and zone width remain the same
#25 (976)	BFE + width reduced	BFE reduced 1ft; zone width reduced 3ft
N2 (963)	BFE + width reduced	BFE reduced 6ft; zone width reduced 15ft (no overtopping in LOMR analysis)
#27 (956)	No Benefit	BFE remains the same; zone width reduced 3ft
N3 (949)	BFE + width reduced	For parcels in Tr#28 (946), BFE reduced 9ft; zone width reduced 6ft
#28 (946)	BFE + width reduced	BFE reduced 2ft; zone width reduced 1ft
N4 (935)	No Benefit	BFE increased 3ft
#31 (914)	BFE + width reduced	BFE reduced 1ft; zone width reduced 1ft
#32 (906)	No Benefit	BFE remains same; zone width reduced 1ft
N5 (891)	No Benefit	BFE is higher than existing; <i>incorrect mapping of zone width in PFIRM.</i>
#36 (870)	BFE + width reduced	BFE reduced 1ft; zone width reduced 9ft
#38 (859)	BFE + width reduced	BFE reduced 1ft; zone width reduced 8ft
N6 (848)	BFE + width reduced	BFE reduced 8ft; zone width reduced 5ft (no overtopping in LOMR analysis)
#40 (846)	BFE + width reduced	BFE reduced 2ft; zone width reduced 5ft (no overtopping in LOMR analysis)
N7 (836)	No Benefit	No benefit from Transect N7, but the area will benefit from lowering BFE of Transect #40 by 2ft
#41 (831)	BFE + width reduced	BFE reduced 3ft; zone width reduced 15ft (no overtopping in LOMR analysis)
#42 (824)	BFE reduced	BFE reduced 2ft; no overtopping
#43 (817)	BFE reduced	BFE reduced 1ft

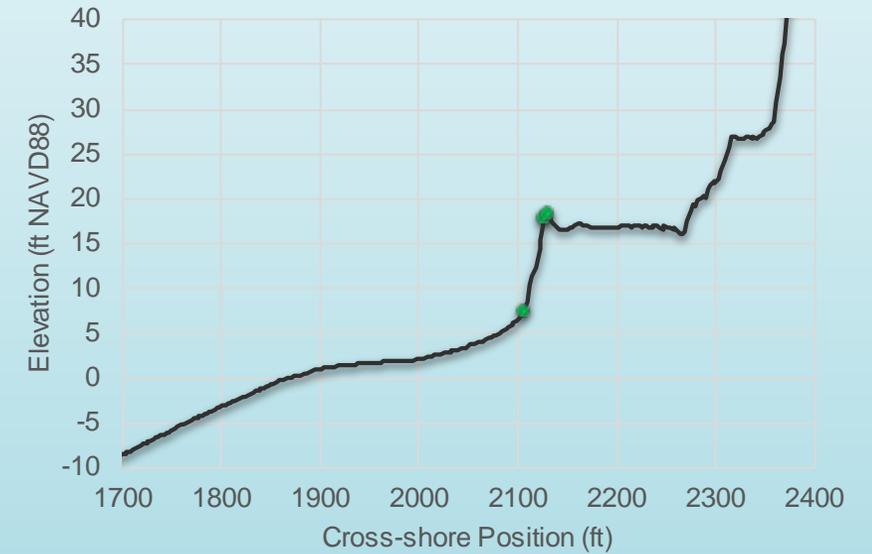
Transect N1 (1096)

SFHA*	FEMA**	LOMR	Benefits to Community
Primary VE	21	19	BFE reduced 2ft; zone width reduced 3ft
Secondary VE	-	-	No Secondary VE Zone

* BFEs are in feet, relative to NAVD88.
 ** BFE from the neighboring transect is listed.



Transect Profile



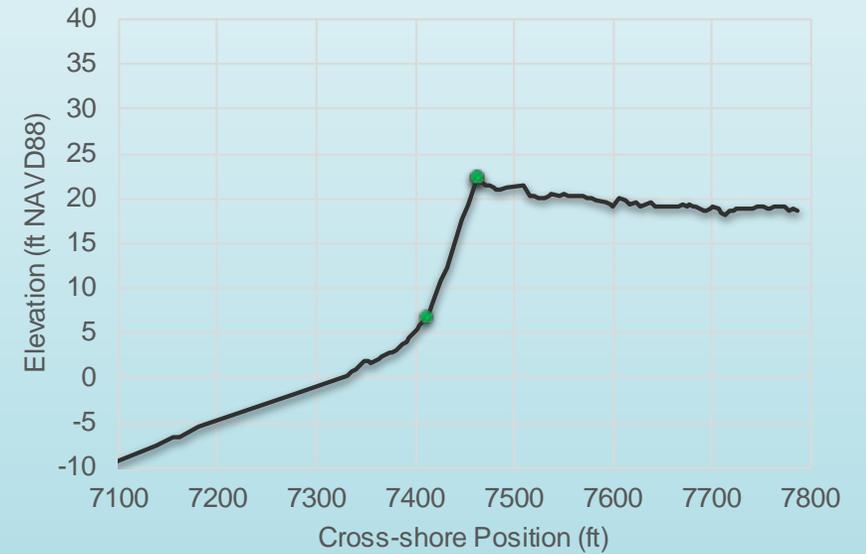
Transect #23 (987)

SFHA*	FEMA	LOMR	Benefits to Community
Primary VE	23	21	BFE reduced 2ft; zone width reduced 14ft (no overtopping in LOMR analysis)
Secondary VE	-	-	No Secondary VE Zone

* BFEs are in feet, relative to NAVD88.



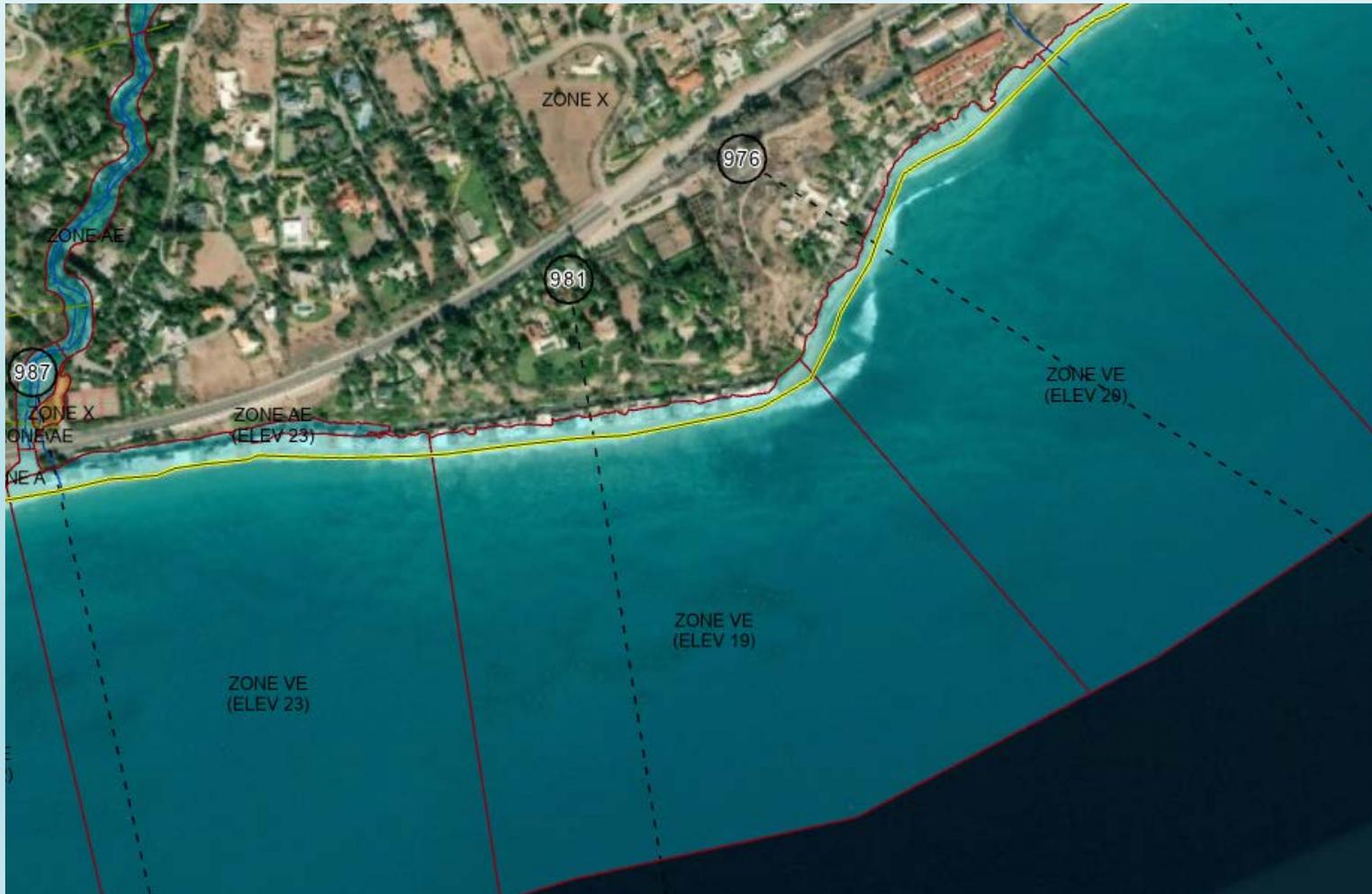
Transect Profile



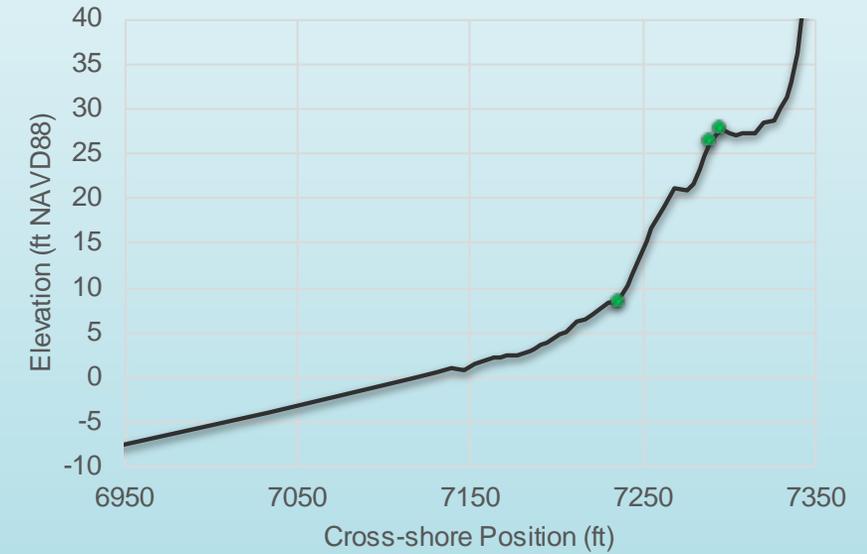
Transect #24 (981)

SFHA*	FEMA	LOMR	Benefits to Community
Primary VE	19	19	No Benefit
Secondary VE	-	-	No overtopping

* BFEs are in feet, relative to NAVD88.



Transect Profile



Transect #25 (976)

SFHA*	FEMA	LOMR	Benefits to Community
Primary VE	20	19	BFE reduced 1ft; zone width reduced 3ft
Secondary VE	-	-	No Secondary VE Zone

* BFEs are in feet, relative to NAVD88.

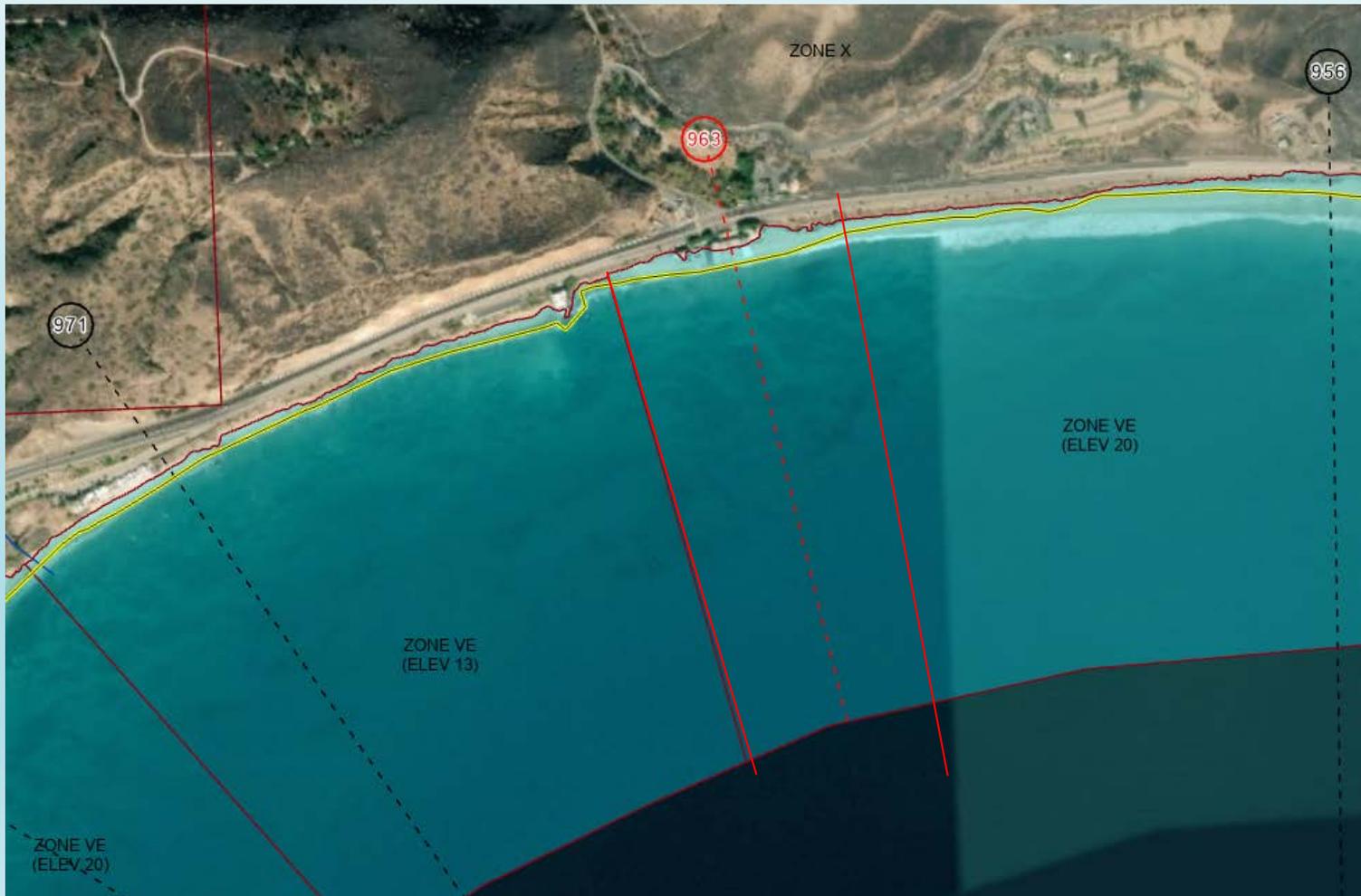


Transect N2 (963)

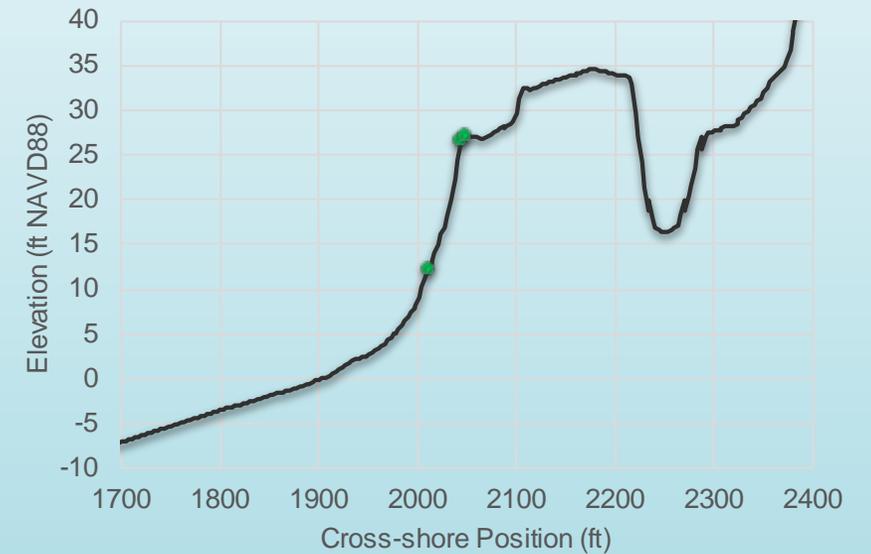
SFHA*	FEMA**	LOMR	Benefits to Community
Primary VE	20	14	BFE reduced 6ft; zone width reduced 15ft (no overtopping in LOMR analysis)
Secondary VE	-	-	No Secondary VE Zone

* BFEs are in feet, relative to NAVD88.

** BFE from the neighboring transect is listed.



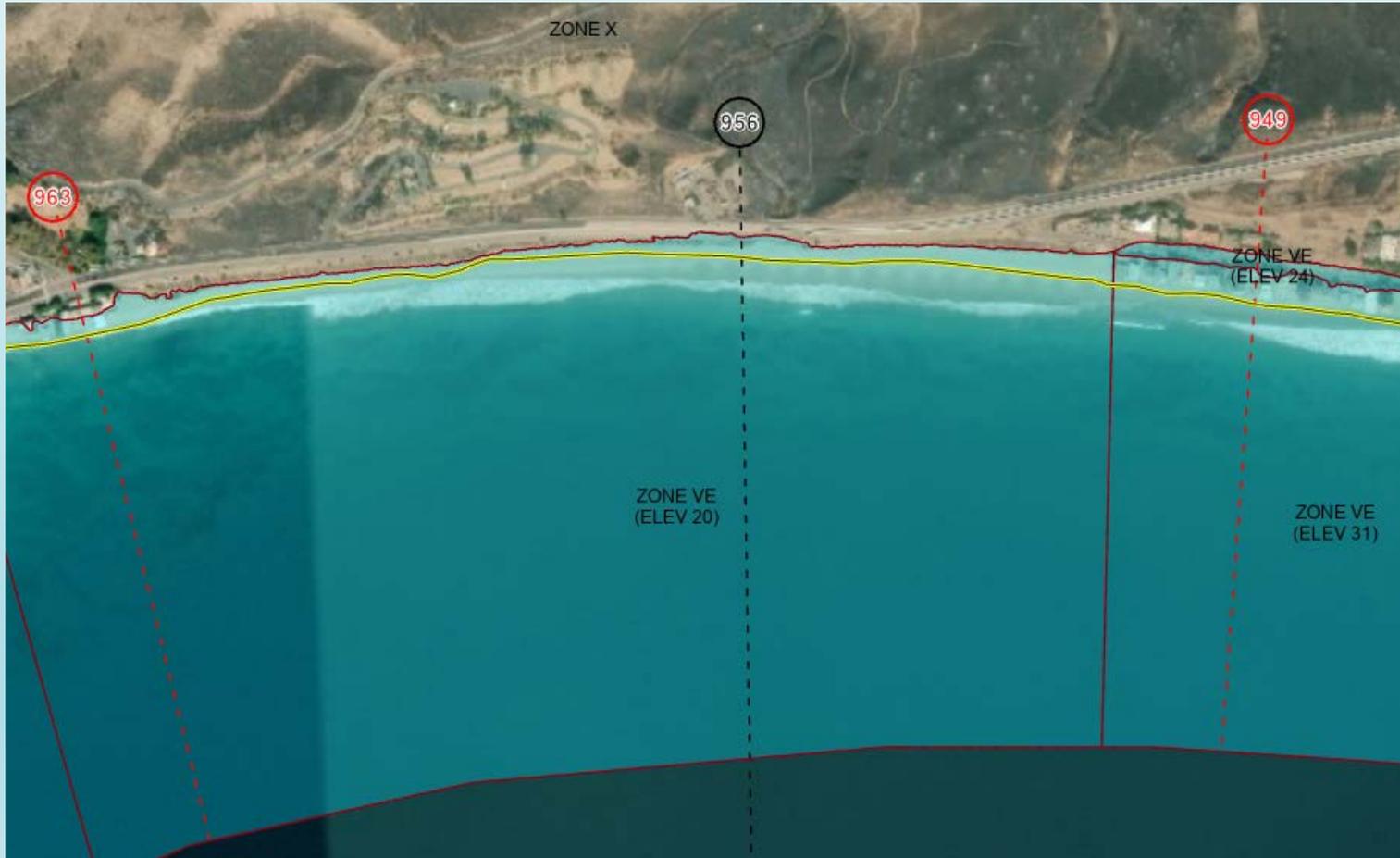
Transect Profile



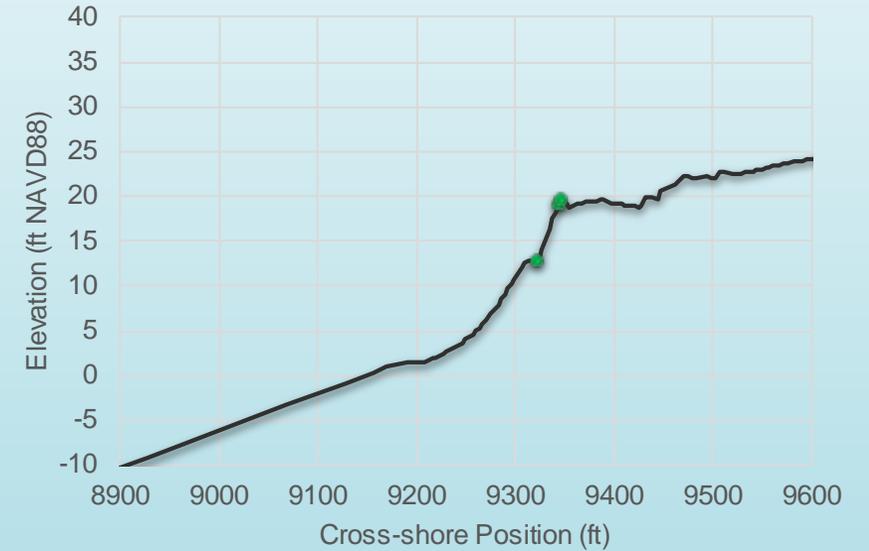
Transect #27 (956)

SFHA*	FEMA	LOMR	Benefits to Community
Primary VE	20	20	Zone width reduced 3ft
Secondary VE	-	-	No Secondary VE Zone

* BFEs are in feet, relative to NAVD88.



Transect Profile



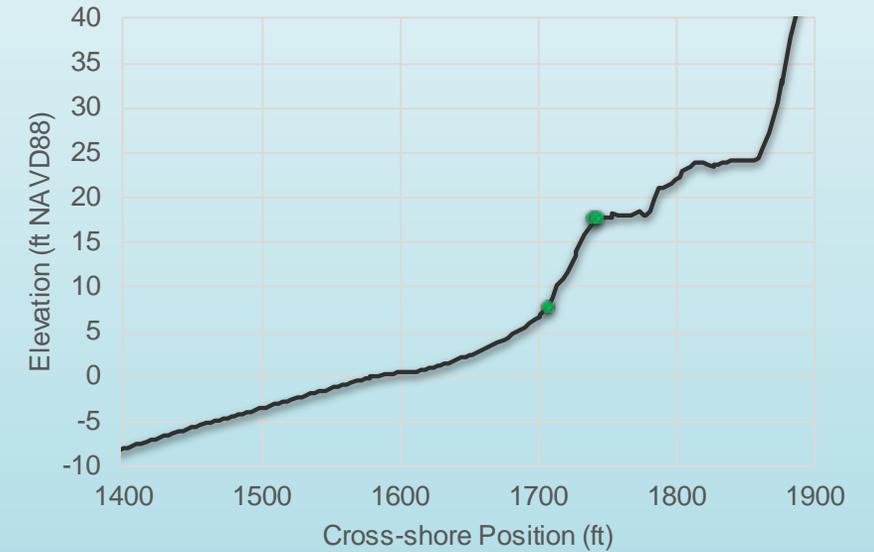
Transect N3 (949)

SFHA*	FEMA**	LOMR	Benefits to Community
Primary VE	31	22	For parcels in Tr#28(946), BFE reduced 9ft
Secondary VE	24	-	New primary VE zone width is 6 ft less than old secondary VE zone width.

* BFEs are in feet, relative to NAVD88.
 ** BFE from the neighboring transect is listed.



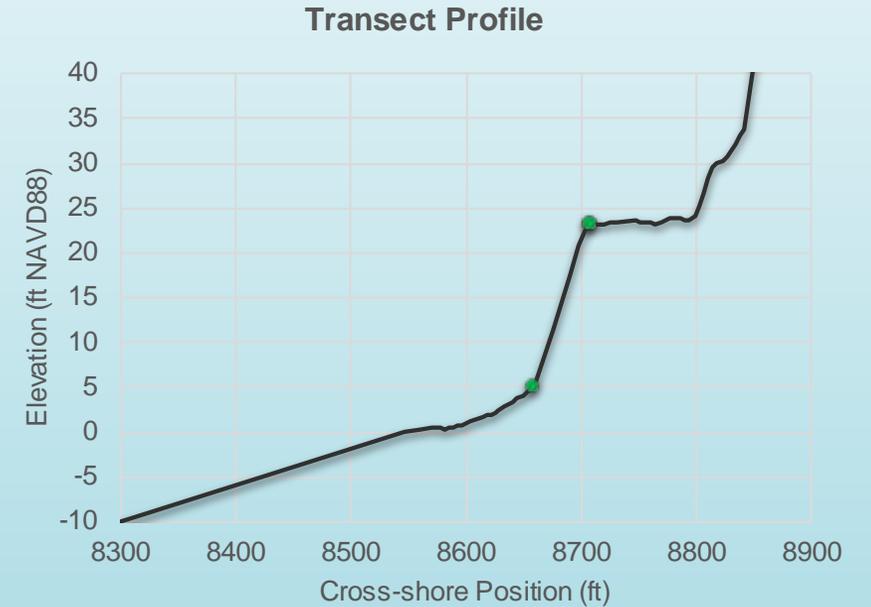
Transect Profile



Transect #28 (946)

SFHA*	FEMA	LOMR	Benefits to Community
Primary VE	31	29	BFE reduced 1ft
Secondary VE	24	24	Zone width reduced 1ft

* BFEs are in feet, relative to NAVD88.



Transect N4 (935)

Creation of new zone would increase BFE for parcels in Tr#29(934) near headland.

SFHA*	FEMA**	LOMR	Benefits to Community
Primary VE	16	19	No Benefit
Secondary VE	-	-	No Secondary VE Zone.

* BFEs are in feet, relative to NAVD88.

** BFE from the neighboring transect 934 is listed.



Transect Profile



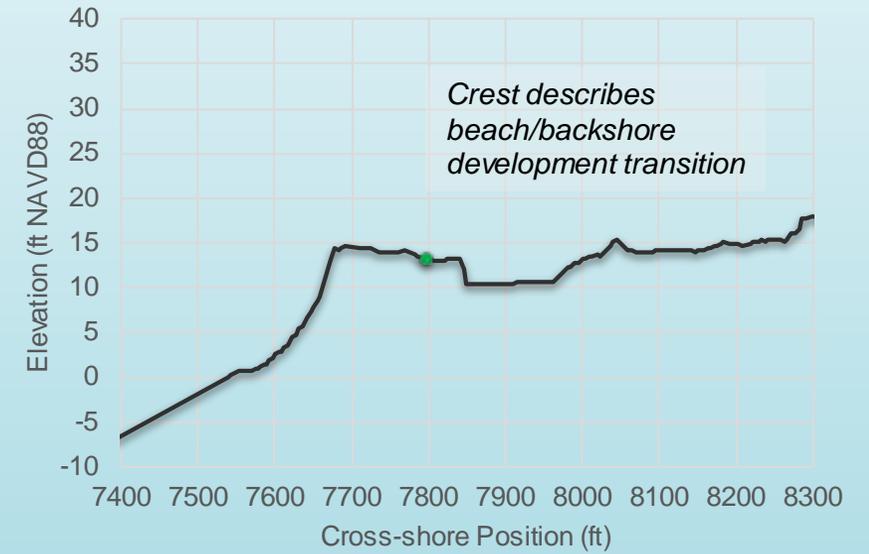
Transect #31 (914)

SFHA*	FEMA	LOMR	Benefits to Community
Primary VE	19	18	BFE reduced 1ft; width reduced 1ft
Secondary VE	-	-	No Secondary VE Zone

* BFEs are in feet, relative to NAVD88.



Transect Profile



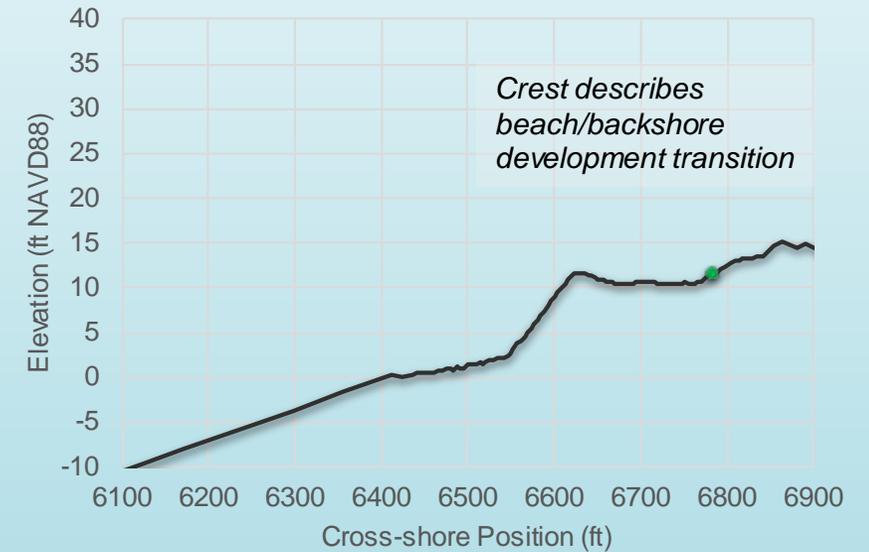
Transect #32 (906)

SFHA*	FEMA	LOMR	Benefits to Community
Primary VE	19	19	Width reduced 1ft
Secondary VE	-	-	No Secondary VE Zone

* BFEs are in feet, relative to NAVD88.



Transect Profile



Transect N5 (891)

Creation of new zone would increase BFE for parcels in Tr#33(894) near headland.

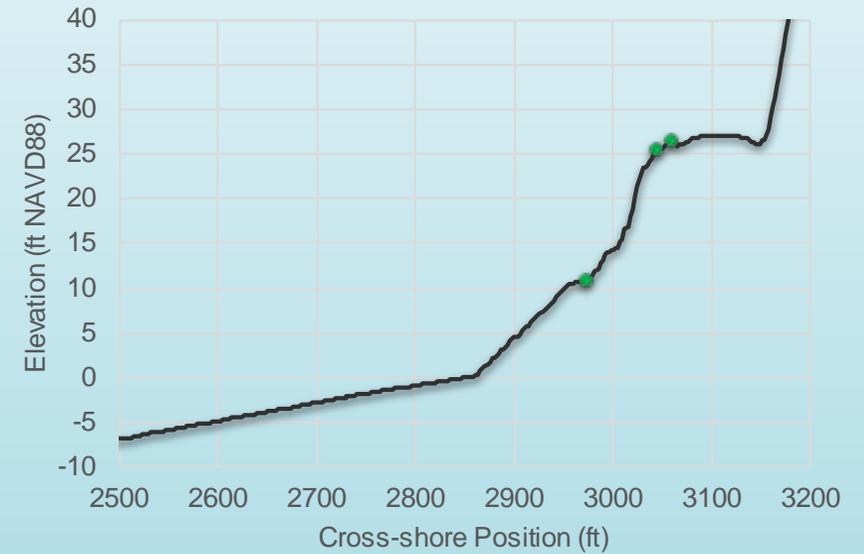
SFHA*	FEMA**	LOMR	Benefits to Community
Primary VE	13	16	No benefit; no overtopping.
Secondary VE	-	-	No Secondary VE Zone

* BFEs are in feet, relative to NAVD88.

** BFE from the neighboring transect is listed for the added transect.



Transect Profile



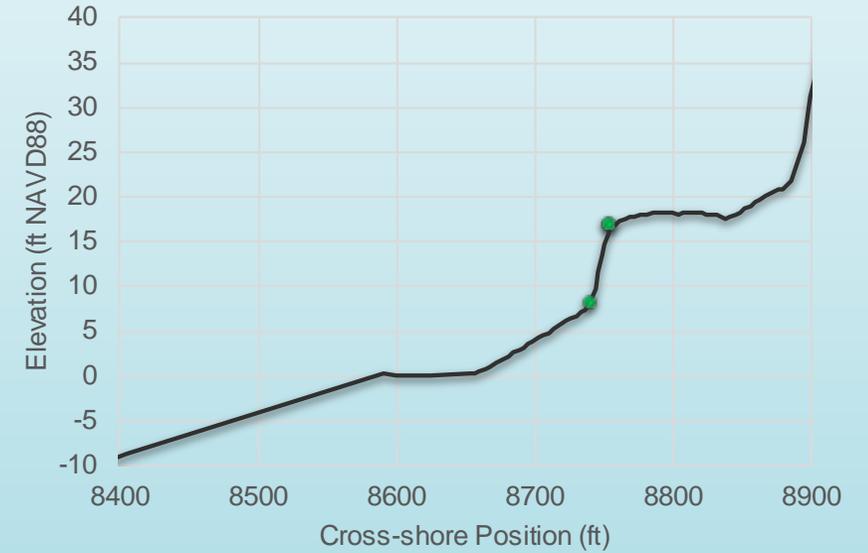
Transect #36 (870)

SFHA*	FEMA	LOMR	Benefits to Community
Primary VE	19	18	BFE reduced 1ft; zone width reduced 9ft
Secondary VE	-	-	No Secondary VE Zone

* BFEs are in feet, relative to NAVD88.



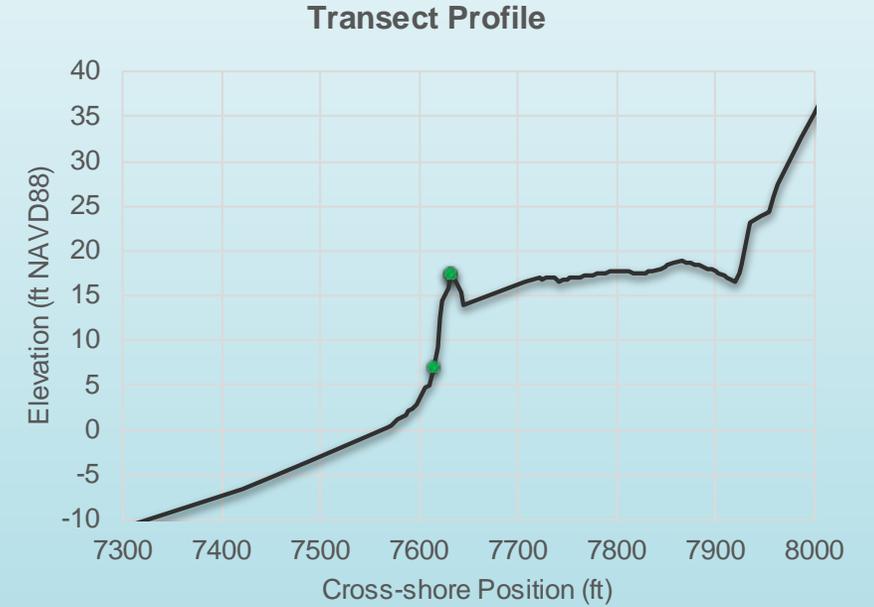
Transect Profile



Transect #38 (859)

SFHA*	FEMA	LOMR	Benefits to Community
Primary VE	20	19	BFE reduced 1ft; zone width reduced 8ft
Secondary VE	-	-	No Secondary VE Zone

* BFEs are in feet, relative to NAVD88.

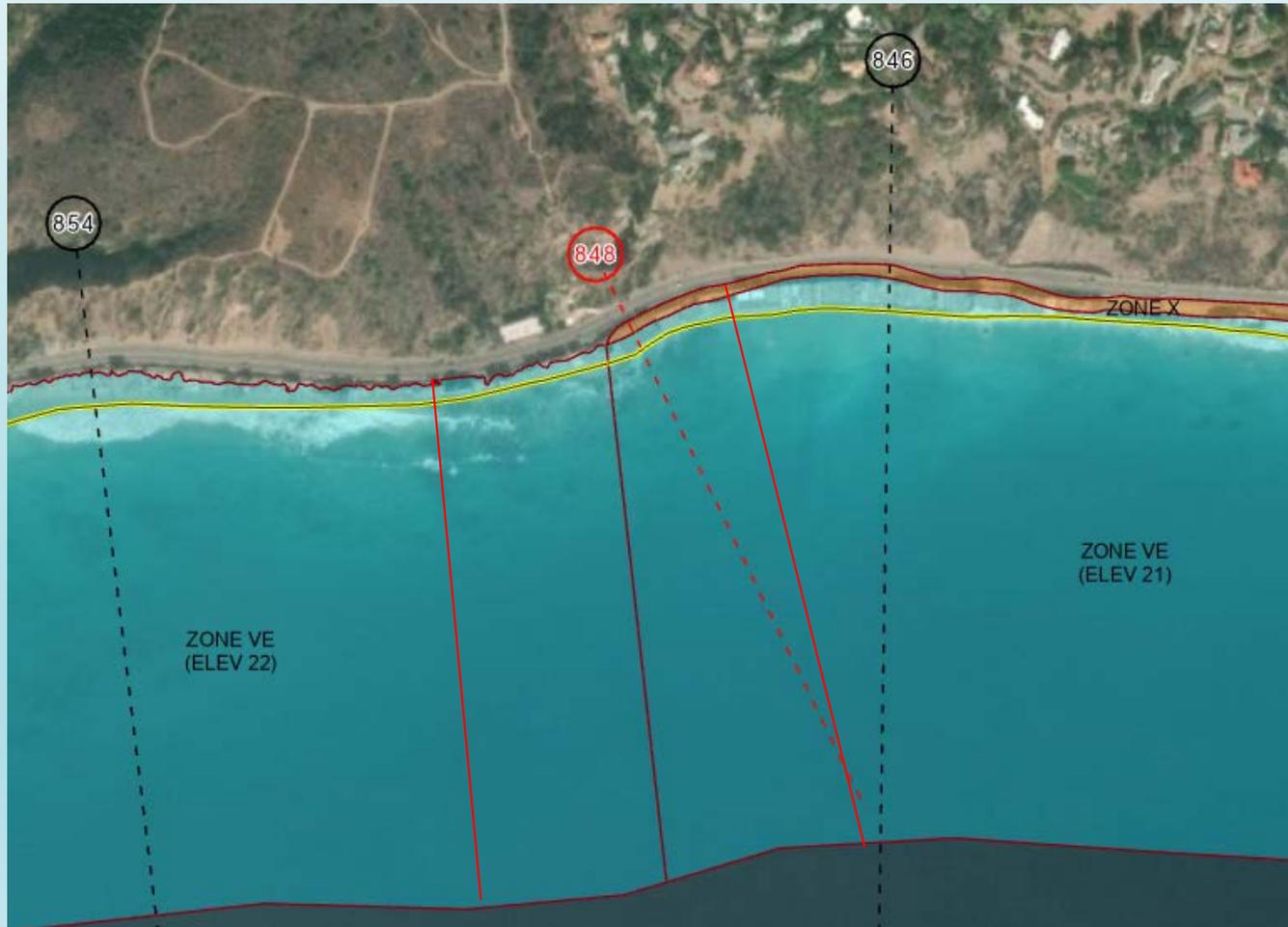


Transect N6 (848)

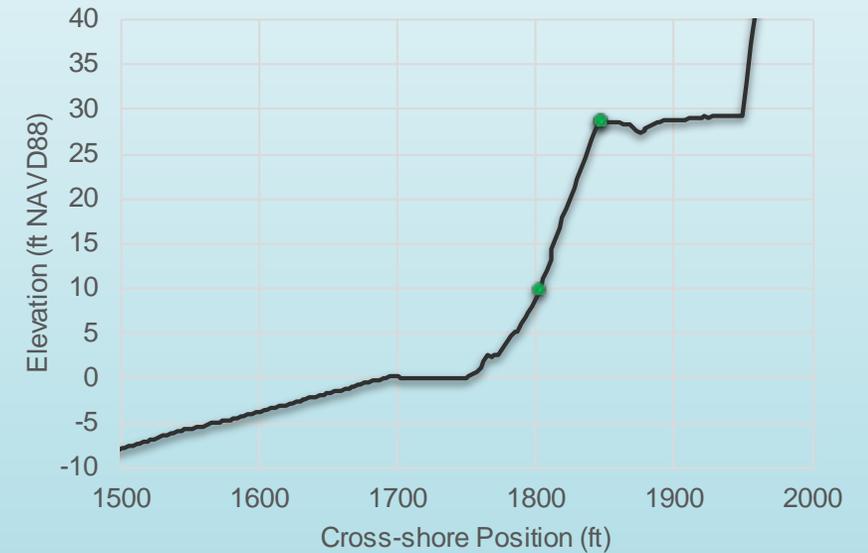
SFHA*	FEMA**	LOMR	Benefits to Community
Primary VE	21	13	BFE reduced 8ft; zone width reduced 5ft (no overtopping in LOMR analysis)
Secondary VE	-	-	No Secondary VE Zone

* BFEs are in feet, relative to NAVD88.

** BFEs from neighboring transect is listed.



Transect Profile



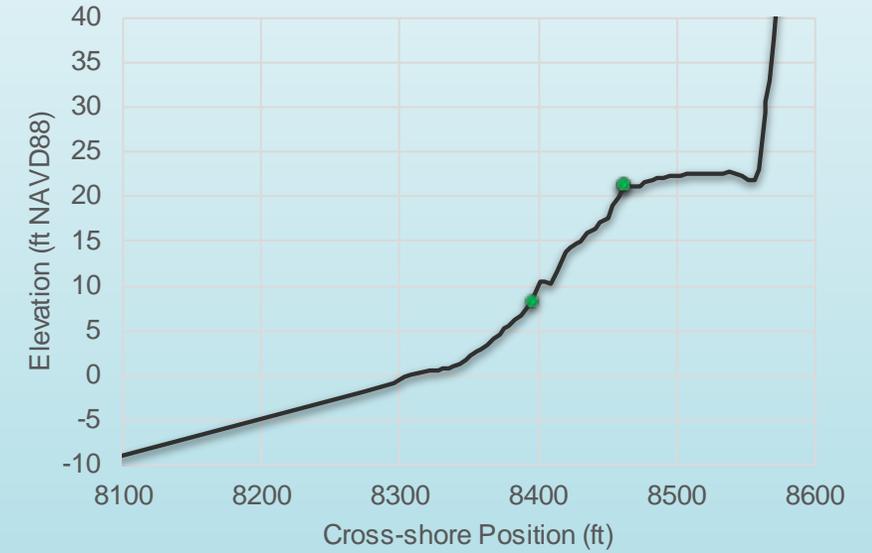
Transect #40 (846)

SFHA*	FEMA	LOMR	Benefits to Community
Primary VE	21	19	BFE reduced 2ft; zone width reduced 5ft (no overtopping in LOMR analysis)
Secondary VE	-	-	No Secondary VE Zone

* BFEs are in feet, relative to NAVD88.



Transect Profile



Transect N7 (836)

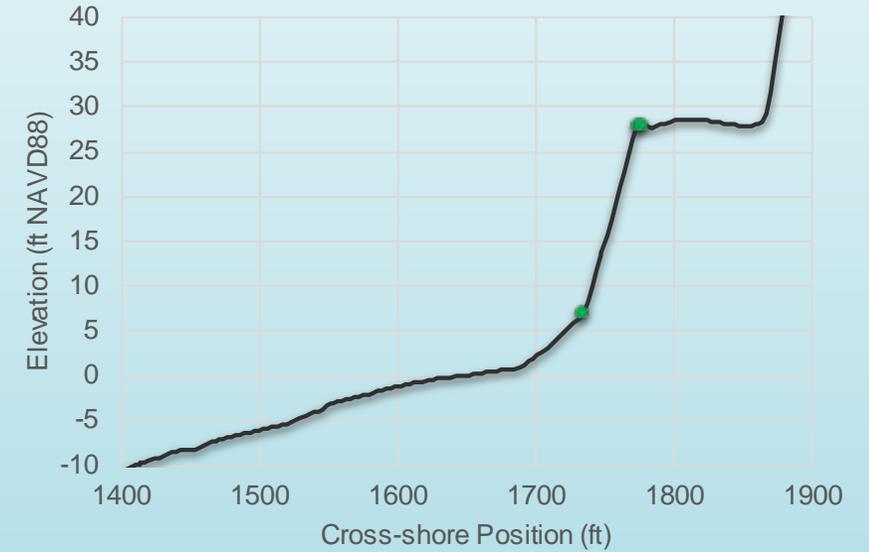
SFHA*	FEMA**	LOMR	Benefits to Community
Primary VE	21	22	No benefit from Transect N7, but the area will benefit from lowering BFE of Transect #40 by 2ft
Secondary VE	-	-	No shaded X Zone in LOMR analysis

* BFEs are in feet, relative to NAVD88.

** BFE from the neighboring transect is listed.



Transect Profile



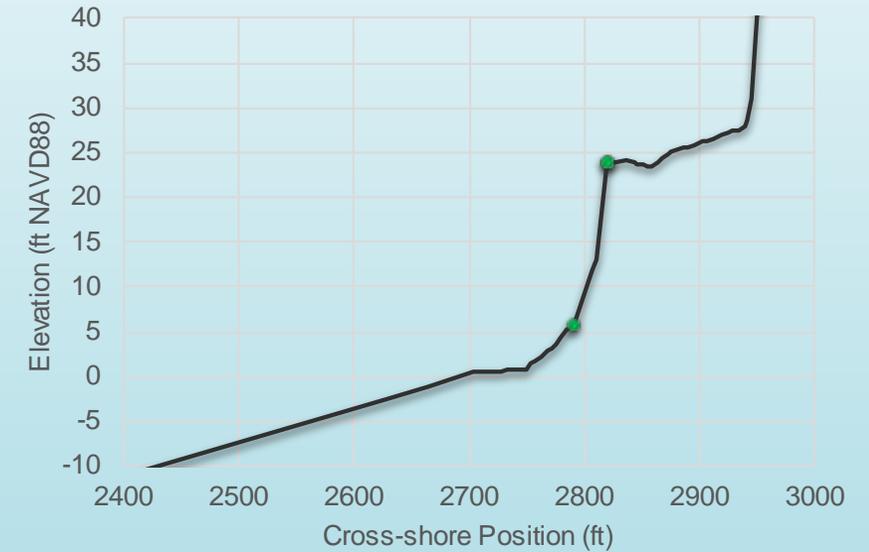
Transect #41 (831)

SFHA*	FEMA	LOMR	Benefits to Community
Primary VE	25	22	BFE reduced 3ft; zone width reduced 15ft (no overtopping in LOMR analysis)
Secondary VE	-	-	No Secondary VE Zone

* BFEs are in feet, relative to NAVD88.



Transect Profile



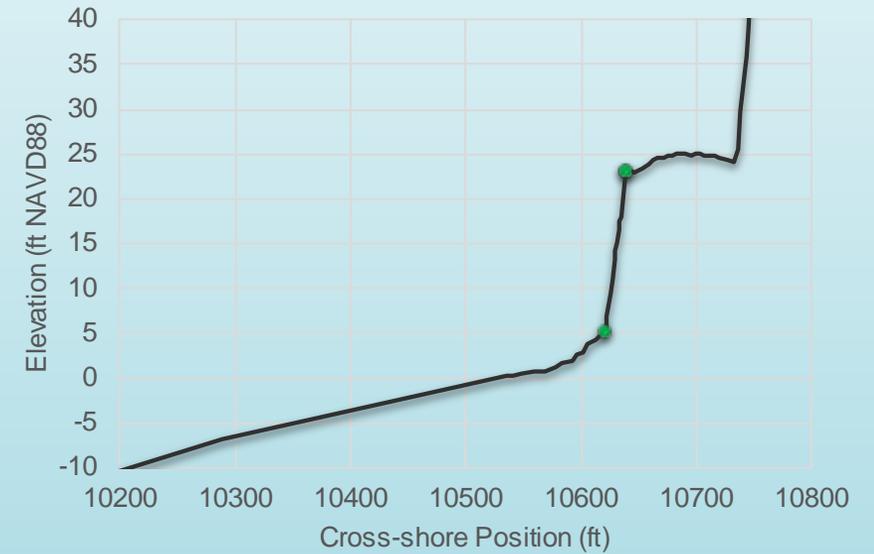
Transect #42 (824)

SFHA*	FEMA	LOMR	Benefits to Community
Primary VE	22	20	BFE reduced 2ft; no overtopping
Secondary VE	-	-	No Secondary VE Zone

* BFEs are in feet, relative to NAVD88.



Transect Profile



Transect #43 (817)

SFHA*	FEMA	LOMR	Benefits to Community
Primary VE	24	23	BFE reduced 1ft; same width
Secondary VE	-	-	No Secondary VE Zone

* BFEs are in feet, relative to NAVD88.

