



The following site photographs of the proposed Raymondville Drain Project Alternative 1 right-of-way were recorded during field investigations conducted in April and May 2023. Photographs depict areas in which right-of-entry was granted by the property owner and generally proceed from the begin project terminus (west) to the end project terminus (east).



Photograph 1 – View looking southwest at Lake Edinburg, west of the begin project terminus.



Photograph 4 – View looking further north than Photograph 2.



Photograph 2 – View looking north (downstream) from the beginning project terminus.



Photograph 5 – View looking east at a transition from thornscrub to rangeland in the RDP study corridor.



Photograph 3 – View looking east at an area of thornscrub located adjacent to the area depicted in the previous photograph.



Photograph 6 – View looking further north than Photograph 4.



Photograph 7 – View looking further north than the previous photograph.



Photograph 10 – View looking northwest at row crops located west of the area depicted in the previous photograph.



Photograph 8 – View looking west at the location where the existing Raymondville Drain turns west.



Photograph 11 – View looking east at a location where the proposed Raymondville Drain would turn north.



Photograph 9 – View looking north at row crops located adjacent to the area depicted in the previous photograph.



Photograph 12 – View looking southeast at a drainage channel located near the area depicted in the previous photograph.



Photograph 13 – View looking west at a private ranch area located west of the area depicted in the previous photograph.



Photograph 16 – View looking northeast at the location where the proposed Raymondville Drain would turn east.



Photograph 14 – View looking north (downstream) at an area of row crops adjacent to the area depicted in the previous photograph.



Photograph 17 – View looking east (downstream) at Interstate Highway 69E/US Highway 281 (IH 69E/US 281).



Photograph 15 – View looking further north than the previous photograph.



Photograph 18 – View looking southwest at a pond located east of IH 69E/US 281.



Photograph 19 – View looking east (downstream) at an elevated depressional area in the RDP study corridor.



Photograph 22 – View looking east at an area of rangeland habitat located west of FM 493.



Photograph 20 – View looking south at a transition from rangeland habitat to a line of thornscrub vegetation which borders an area of row crops.



Photograph 23 – View looking south at a transition from row crops to rangeland habitat.



Photograph 21 – View looking east (upstream) at the area depicted in the previous photograph.



Photograph 24 – View looking southwest at an area of rangeland habitat.



Photograph 25 – View looking southeast at a sparsely vegetated section of the rangeland habitat depicted in the previous photograph.



Photograph 28 – View looking north (downstream) at an area downstream of the location depicted in the previous photograph.



Photograph 26 – View looking southwest from the same location as the previous photograph, at an area of row crops.



Photograph 29 – View looking further east at row crops within the RDP study corridor.



Photograph 27 – View looking north at row crops within the RDP study corridor. This area was recently converted to row crops; historical aerial photographs depict this area as being vegetated by thornscrub.



Photograph 30 - View looking north along the RDP study corridor from 12th Street.



Photograph 31 - View looking north along the RDP study corridor from FM 490.



Photograph 34 – View looking further north than the previous photograph of a group of waterfowl using the existing Raymondville Drain.



Photograph 32 - View looking east along the RDP study corridor from a pasture located north of FM 490.



Photograph 35 – View looking further north than the previous photograph at additional waterfowl using the existing Raymondville Drain.



Photograph 33 – View looking north at the upstream extent of the existing Raymondville Drain.



Photograph 36 – View looking east at an area of rangeland habitat located downstream of the location depicted in the previous photograph.



Photograph 37 – View looking east (downstream) at the existing Raymondville Drain.



Photograph 40– View looking southeast at an area of moderately dense scrub-shrub vegetation within the RDP study corridor.



Photograph 38 – View looking southeast at an area of cattle pasture within the RDP study corridor.



Photograph 41 – View looking west at an area of dense thornscrub within the RDP study corridor. This location represents potential habitat for the Texas Tortoise (*Gopherus berlandieri*).



Photograph 39 – View looking northeast from the same area as the previous photograph at rangeland habitat within the RDP study corridor.



Photograph 42 – Closer view of the dense thornscrub depicted in the previous photograph.



Photograph 43 - View looking northeast at a Swainson's Hawk (*Buteo swainsoni*) observed within the RDP study corridor.



Photograph 46 - View looking west at an area of scrub-shrub habitat dominated by Rooseveltweed (*Baccharis neglecta*).



Photograph 44 - View looking west at a cattle pasture with scattered saplings within the RDP study corridor.



Photograph 47 - View looking west at unmaintained rangeland located west of the existing Raymondville Drain.



Photograph 45 - View looking east at an area of row crops within the RDP study corridor.



Photograph 48 - View looking north at scrub-shrub vegetation within the RDP study corridor.



Photograph 49 – View looking north at an area of dense thornscrub within the RDP study corridor.



Photograph 52 - View looking southeast from the same location as the previous photograph at row crops within the RDP study corridor.



Photograph 50 – View looking north at an area of thornscrub (foreground) and a residential lawn (background) within the RDP study corridor.



Photograph 53 - View looking north at an area of unmaintained rangeland north of the existing Raymondville Drain.



Photograph 51 - View looking southwest at an area of scrub-shrub vegetation within the RDP study corridor.



Photograph 54 – View looking southeast at an area of unmaintained rangeland south of the existing Raymondville Drain.



Photograph 55 – View looking south at a transition from unmaintained rangeland to cattle pasture.



Photograph 58 - View looking east (downstream) at the existing Raymondville Drain and an adjacent area of cattle pasture.



Photograph 56 – View looking southeast (downstream) at the existing Raymondville Drain and an adjacent area of row crops.



Photograph 59 - View looking south at an area of moderately dense thornscrub with an open understory.



Photograph 57 – View looking east at an area of prairie vegetation within the RDP study corridor.



Photograph 60 – View looking south at an area of scrub-shrub vegetation where evidence of grazing was observed.



Photograph 61 – View looking south at a residential area adjacent to the existing Raymondville Drain.



Photograph 64 – View looking southwest at an area of row crops within the RDP study corridor.



Photograph 62 – View looking south at another area of scrub-shrub vegetation where evidence of grazing was observed.



Photograph 65 – View looking north from the same location as the previous photograph at an area of dense thornscrub dominated by Huisache (*Vachellia farnesiana*).



Photograph 63 – View looking northeast (downstream) at the existing Raymondville Drain and an adjacent residential area located near Lasara.



Photograph 66 – View looking southeast at a cattle pasture located within the RDP study corridor.



Photograph 67 –View looking east at an area of unmaintained scrub-shrub vegetation located near a water treatment plant.



Photograph 70 – View looking northeast at an area of row crops within the RDP study corridor, separated from the existing Raymondville Drain by a vegetated berm (foreground).



Photograph 68 – View looking northwest at an area of unmaintained scrub-shrub vegetation.



Photograph 71 – View looking east at an area of rangeland with scattered woody vegetation.



Photograph 69 – View looking northwest at thornscrub vegetation within the Lower Rio Grande Valley National Wildlife Refuge.



Photograph 72 – View looking northeast at an area of pasture within the RDP study corridor.



Photograph 73 – View looking north at an area of row crops and an area of dense thornscrub within the RDP study corridor.



Photograph 76 – View looking east at an area of thornscrub within the RDP study corridor.



Photograph 74 – View looking southeast at a residential property that is separated from the existing Raymondville Drain by an unpaved road.



Photograph 77 – View looking east at an area of scrub-shrub dominated by Rooseveltweed.



Photograph 75 – View looking east at a residential property adjacent to the one depicted in the previous photograph.



Photograph 78 – View looking southeast at an area of row crops and the area of scrub-shrub depicted in the previous photograph.



Photograph 79 – View looking east at an area of rural residential lawns within the RDP study corridor.



Photograph 82 – View looking southeast at an area of light thornscrub where evidence of grazing was observed.



Photograph 80 – View looking east at another rural residential property.



Photograph 83 – View looking south at thornscrub on the berm north of and parallel to the area depicted in the previous photograph.



Photograph 81 – View looking east at another rural residential property.



Photograph 84 – View looking south at typical vegetation on the berm adjacent to the existing Raymondville Drain.



Photograph 85 – View looking north at an area of thornscrub within the RDP study corridor.



Photograph 88 – view looking southwest at another pasture south of the existing Raymondville Drain.



Photograph 86 – View looking north at a transition from the previous area of thornscrub to an area of disturbed grasslands.



Photograph 89 – View looking west at an area of dense thornscrub on a rural residential property.



Photograph 87 – View looking east at multiple pastures located south of the existing Raymondville Drain.



Photograph 90 – View looking east (downstream) at the existing Raymondville Drain near US 77.



Photograph 91 – View looking east at an area of row crops north of the existing Raymondville Drain.



Photograph 94 – View looking south at an area of heavily grazed pasture with scattered woody vegetation.



Photograph 92 – View looking east at an area of row crops located north of the existing Raymondville Drain and west of US 77.



Photograph 95 – View looking south at a vegetated drainageway which flows into the existing Raymondville Drain.



Photograph 93 – View looking north at an area of pasture within the RDP study corridor.



Photograph 96 – View looking northeast at an area of light scrub-shrub habitat within the RDP study corridor.



Photograph 97 – View looking north at the transition from the previously depicted area of light scrub-shrub to an area of row crops.



Photograph 100 – View looking southeast at a vegetated drainageway surrounded by row crops.



Photograph 98 – View looking southeast at a vegetated drainageway which flows into the existing Raymondville Drain.



Photograph 101 – View looking east at the confluence of the drainageway depicted in the previous photograph and the existing Raymondville Drain.



Photograph 99 – View looking east at the confluence of the previously depicted drainageway and the existing Raymondville Drain.



Photograph 102 – View looking southeast at an area of undeveloped rangeland within the RDP study corridor.



Photograph 103 – View looking east (downstream) at the existing Raymondville Drain. East of this location, most of the RDP study corridor was inaccessible due to a lack of right-of-entry permissions.



Photograph 106 – View looking east at a pond located adjacent to and east of the existing Raymondville Drain.



Photograph 104 – View looking north at an area of thornscrub on the north side of the existing Raymondville Drain within the El Sauz Ranch owned by the East Foundation.



Photograph 107 – View looking east at fire damage to woody vegetation located east of the pond depicted in the previous photograph.



Photograph 105 – View looking south at an area of savannah habitat dominated by huisache located south of the existing Raymondville Drain.



Photograph 108 – View looking east at an area of thornscrub with a sedge (*Carex* spp.) understory.



Photograph 109 – View looking north at a glade dominated by sedge within the RDP study corridor.



Photograph 112 – View looking east at an area of heavily grazed pasture north of the existing Raymondville Drain.



Photograph 110 – View looking north at a thornscrub-grassland ecotone within the RDP study corridor.



Photograph 113 – View looking south at a thornscrub-grassland ecotone located near the end project terminus.



Photograph 111 – View looking west at a thornscrub-grassland ecotone within the RDP study corridor.



Photograph 114 – View looking east from the same location as the previous photograph at an area of thornscrub traversed by occasional two-track vehicle trails.



Photograph 115 – View looking east (downstream)
from the end project terminus.

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