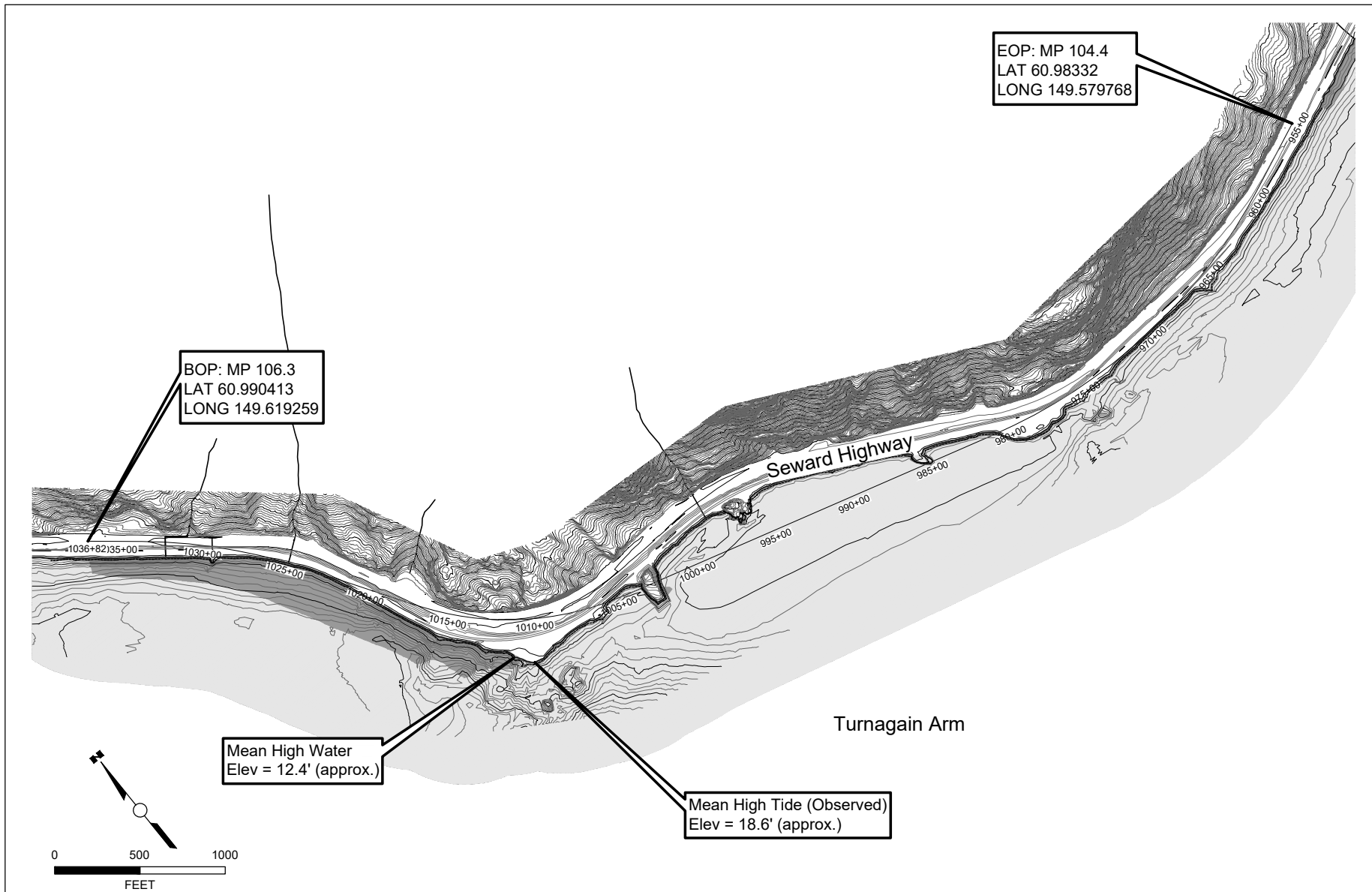


PROJECT PLAN VIEW

Applicant: State of Alaska, Department of Transportation & Public Facilities
 File No.: POA-XXXX-XXXX
 Waterway: Turnagain Arm
 Proposed Activity: Seward Highway MP 105-107 Safety Improvements
 Sec. 2 and 3 T. 10 N. R. 3 W Seward Meridian
 Lat.: 60.984403 Long.: 149.601347
 Sheet: 2 of 21

Date: 12/29/2017

Legend
 #####+## Stationing
 --- DOT&PF ROW
 (#) Mile Post
 Wetlands
 Uplands



TOPOGRAPHY AND MEAN HIGH TIDE (OBSERVED)

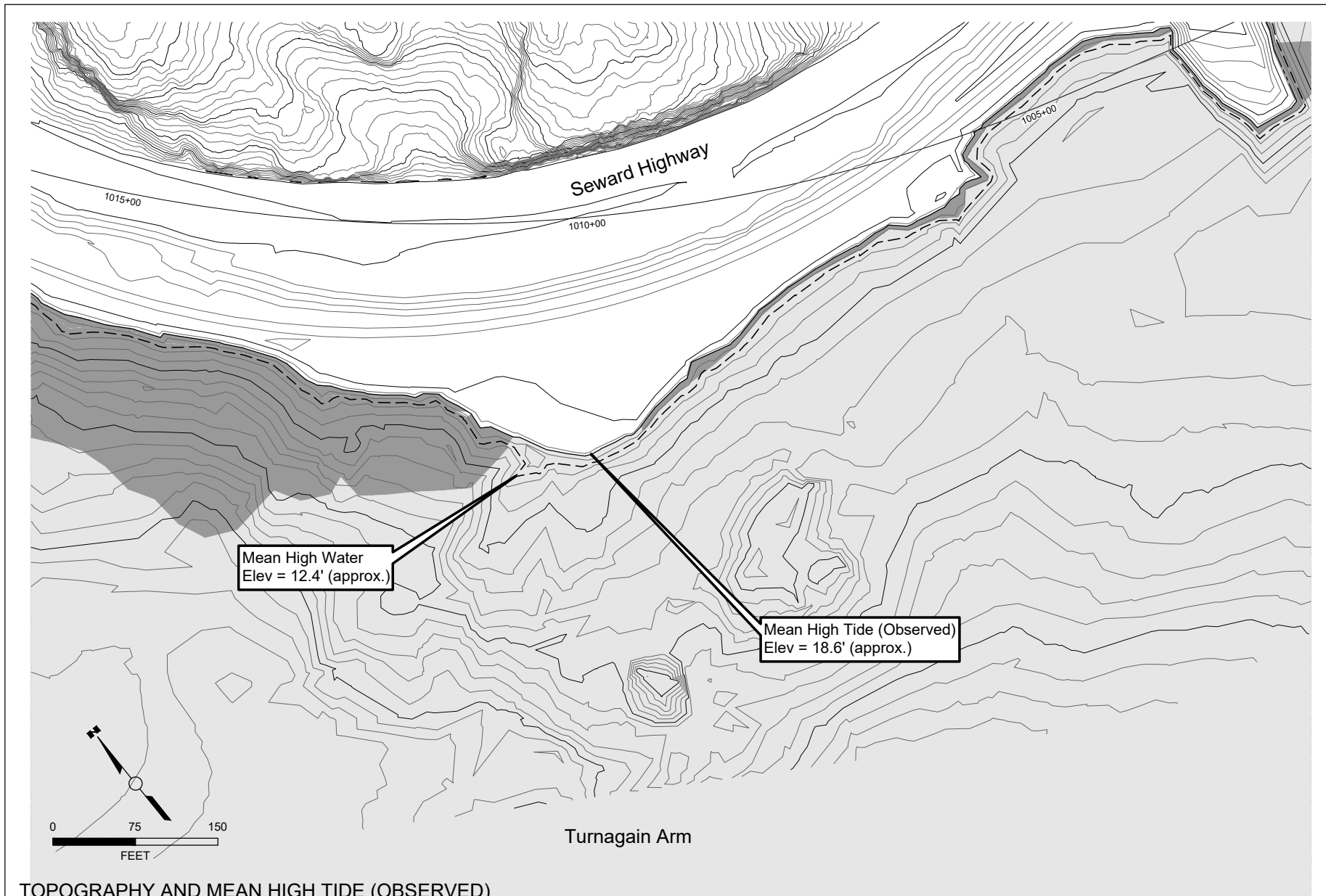
Applicant: State of Alaska, Department of Transportation & Public Facilities
 File No.: POA-XXXX-XXXX
 Waterway: Turnagain Arm
 Proposed Activity: Seward Highway MP 105-107 Safety Improvements
 Sec. 2 and 3 T. 10 N. R. 3 W Seward Meridian
 Lat.: 60.984403 N Long.: 149.601347 W
 Sheet: 3 of 21

Date: 12/29/2017

XXXX+XX Proposed Centerline
 --- DOT&PF ROW
 + + + Existing Rail Road Track
 - - - Existing Edge of Road
 - - - MHT
 - - - MHW

Legend

Wetlands Impacts
 Riprap/Armor Stone
 Existing Major Contour
 Existing Minor Contour



TOPOGRAPHY AND MEAN HIGH TIDE (OBSERVED)

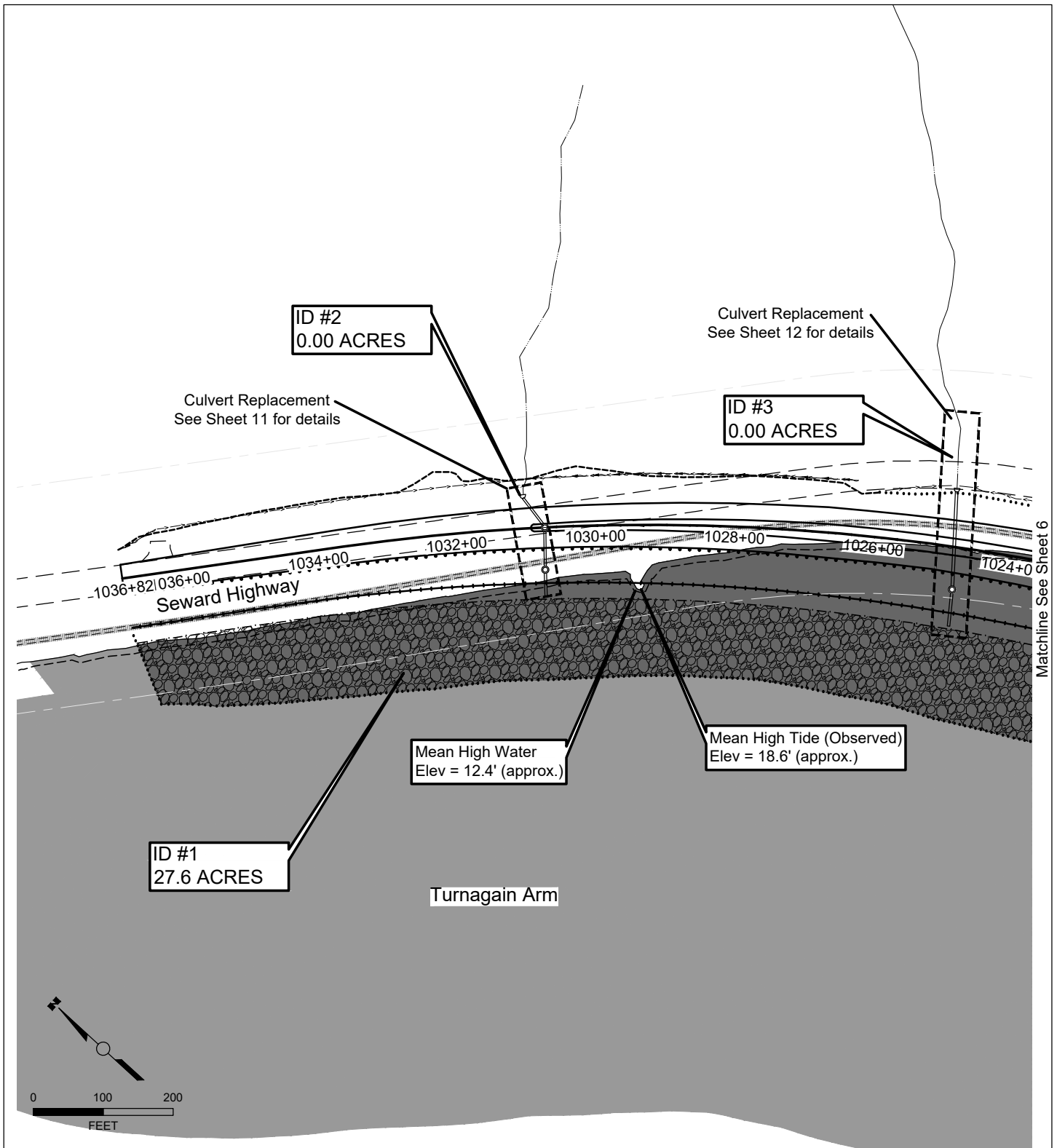
Applicant: State of Alaska, Department of Transportation & Public Facilities
 File No.: POA-XXXX-XXXX
 Waterway: Turnagain Arm
 Proposed Activity: Seward Highway MP 105-107 Safety Improvments
 Sec. 2 and 3 T. 10 N R. 3 W Seward Meridian
 Lat.: 60.984403 N Long.: 149.601347 W
 Sheet: 4 of 21

Date: 12/29/2017

XXXX+XX Proposed Centerline
 - - - - - DOT&PF ROW
 + + + + + Existing Rail Road Track
 - - - - - Existing Edge of Road
 - - - - - MHT
 - - - - - MHW

Legend

Wetlands Impacts
 Riprap/Armor Stone
 Existing Major Contour
 Existing Minor Contour



Matchline See Sheet 6

PROJECT LOCATION & VICINITY MAP

Applicant: State of Alaska, Department of Transportation & Public Facilities

File No.: POA-XXXX-XXXX

Waterway: Turnagain Arm

Proposed Activity: Seward Highway MP 105-107 Safety Improvements

Sec. 2 and 3 T. 10 N R. 2 W Seward Meridian

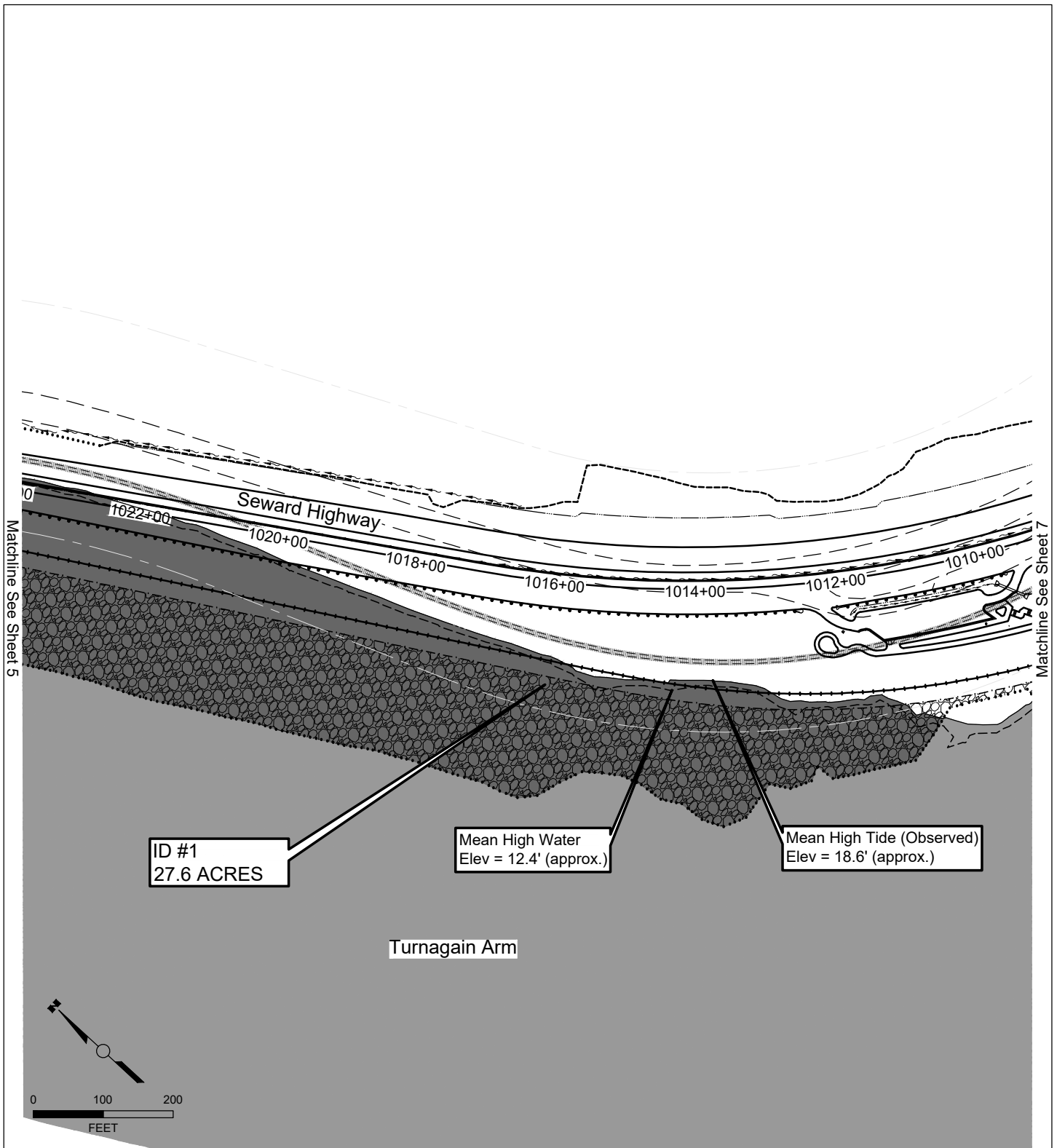
Lat.: 60.984403 Long.: 149.601347

Sheet: 5 of 21

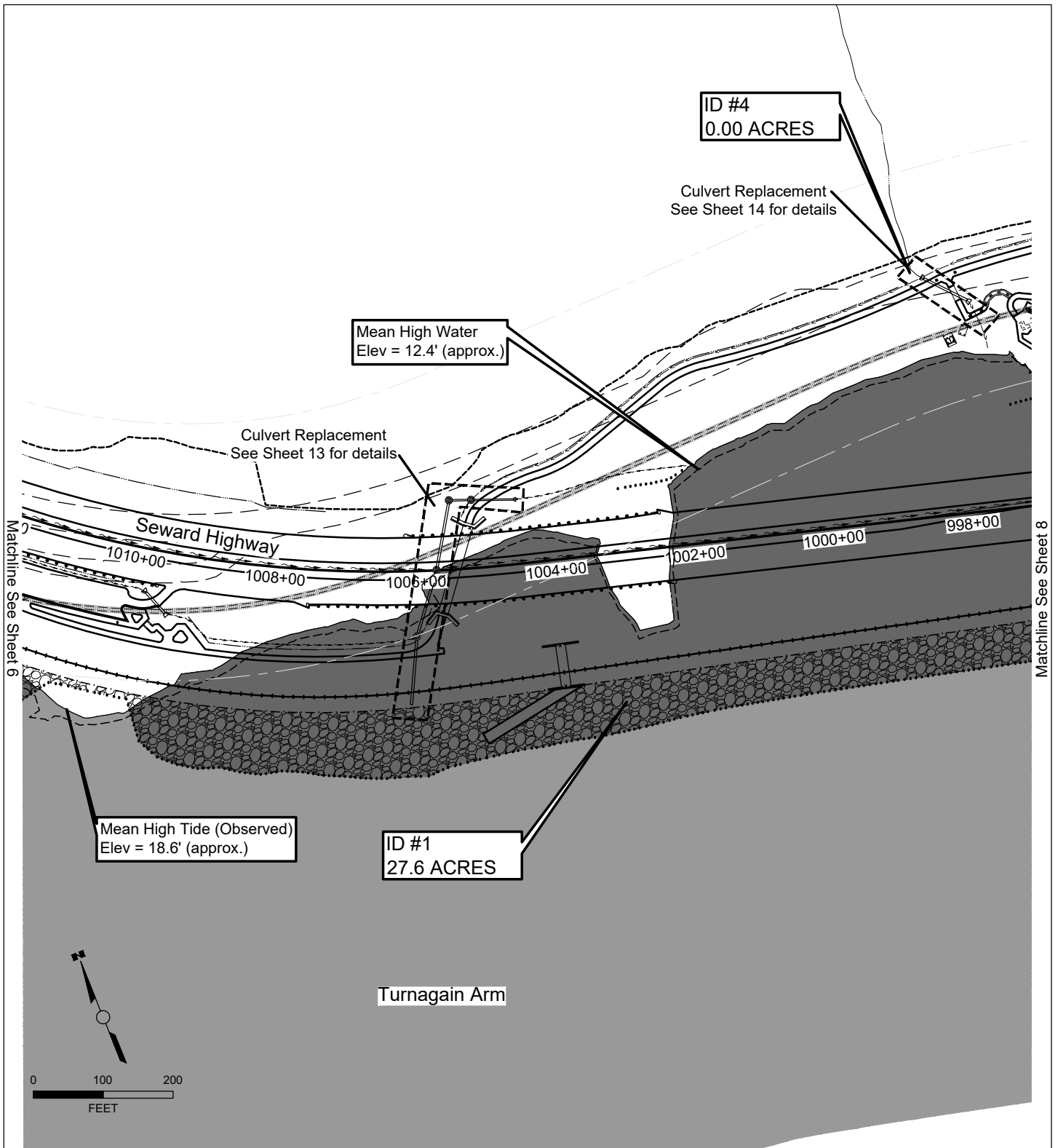
Date: 12/29/2017

Legend

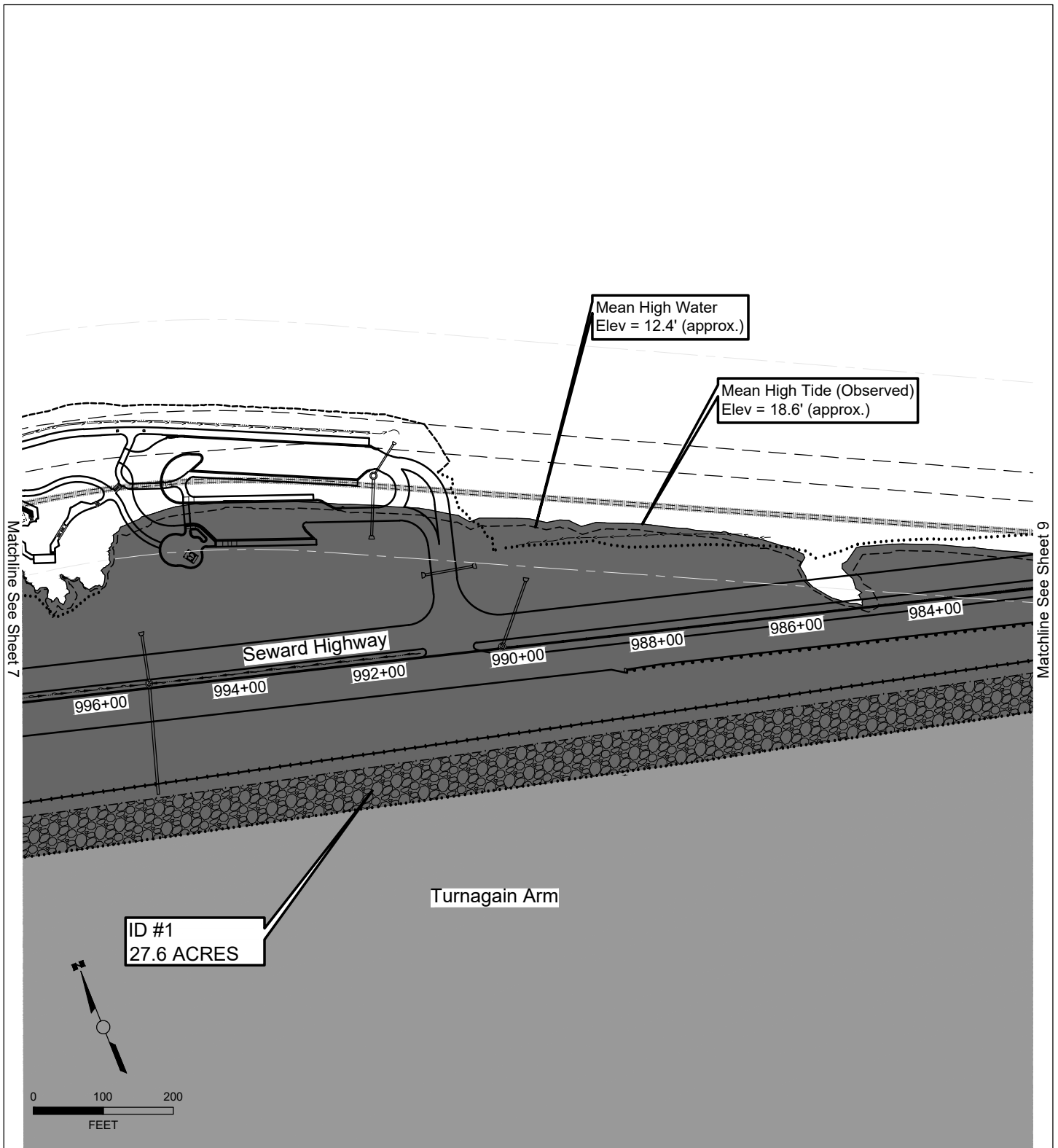
| | | | |
|-----------|-------------------------|-----------|--------------------------|
| XXXX+XX | Proposed Centerline | — — — — — | Proposed Edge of Road |
| — — — — — | Existing DOT&PF ROW | — · — · — | MHT (≈18.6 FT) |
| — — — — — | Existing Road | — — — — — | MHW (≈12.4 FT) |
| — > — | Proposed Flow Direction | +++++ | Proposed Rail Centerline |
| — > — | Existing Flow Direction | | Existing Rail Road Track |
| — · — · — | Proposed Cut | ■ | Wetland Impacts |
| · · · · · | Proposed Fill | ■ | Wetlands |
| ■ | Riprap/Armor Stone | □ | Uplands |
| | | ● ● ● | Guardrail |



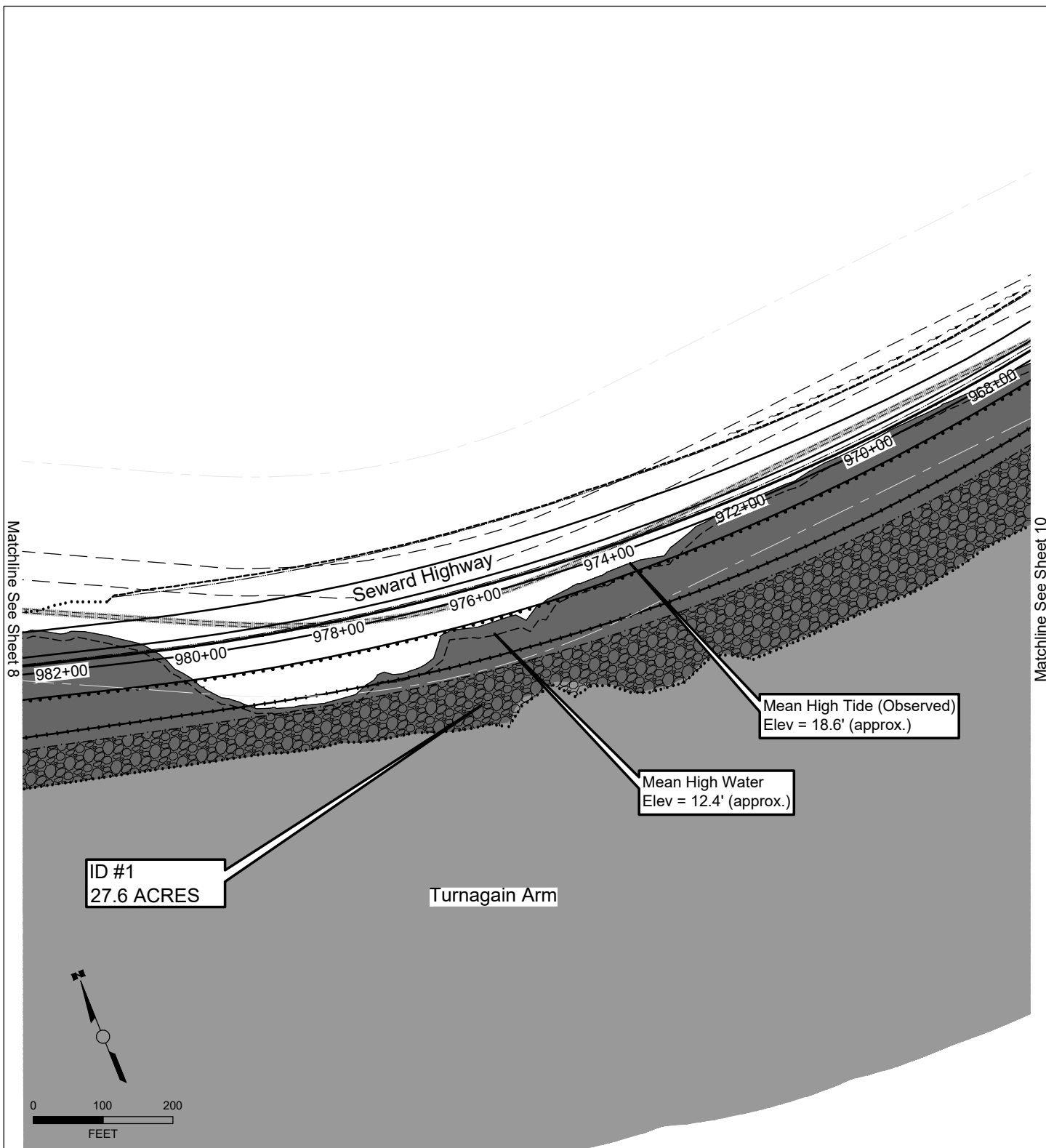
| PROJECT LOCATION & VICINITY MAP | | Legend | |
|--|--|---------|--------------------------|
| Applicant: State of Alaska, Department of Transportation & Public Facilities | | XXXX+XX | Proposed Centerline |
| File No.: POA-XXXX-XXXX | | --- | Existing DOT&PF ROW |
| Waterway: Turnagain Arm | | --- | Existing Road |
| Proposed Activity: Seward Highway MP 105-107 Safety Improvements | | --- | Proposed Flow Direction |
| Sec. 2 and 3 T. 10 N R. 2 W Seward Meridian | | --- | Existing Flow Direction |
| Lat.: 60.984403 Long.: 149.601347 | | --- | Proposed Cut |
| Sheet: 6 of 21 | | --- | Proposed Fill |
| Date: 12/29/2017 | | --- | Riprap/Armor Stone |
| | | --- | Proposed Edge of Road |
| | | --- | MHT (≈18.6 FT) |
| | | --- | MHW (≈12.4 FT) |
| | | --- | Proposed Rail Centerline |
| | | --- | Existing Rail Road Track |
| | | --- | Wetland Impacts |
| | | --- | Wetlands |
| | | --- | Uplands |
| | | --- | Guardrail |



| PROJECT LOCATION & VICINITY MAP | | Legend | |
|--|--|---------|--------------------------|
| Applicant: State of Alaska, Department of Transportation & Public Facilities | | XXXX+XX | Proposed Centerline |
| File No.: POA-XXXX-XXXX | | --- | Existing DOT&PF ROW |
| Waterway: Turnagain Arm | | --- | Existing Road |
| Proposed Activity: Seward Highway MP 105-107 Safety Improvements | | --- | Proposed Flow Direction |
| Sec. 2 and 3 T. 10 N R. 2 W Seward Meridian | | --- | Existing Flow Direction |
| Lat.: 60.984403 Long.: 149.601347 | | --- | Proposed Cut |
| Sheet: 7 of 21 | | --- | Proposed Fill |
| Date: 12/29/2017 | | --- | Riprap/Armor Stone |
| | | --- | Proposed Edge of Road |
| | | --- | MHT (≈18.6 FT) |
| | | --- | MHW (≈12.4 FT) |
| | | --- | Proposed Rail Centerline |
| | | --- | Existing Rail Road Track |
| | | --- | Wetland Impacts |
| | | --- | Wetlands |
| | | --- | Uplands |
| | | --- | Guardrail |



| PROJECT LOCATION & VICINITY MAP | | Legend | |
|--|--|---------|--------------------------|
| Applicant: State of Alaska, Department of Transportation & Public Facilities | | XXXX+XX | Proposed Centerline |
| File No.: POA-XXXX-XXXX | | --- | Existing DOT&PF ROW |
| Waterway: Turnagain Arm | | --- | Existing Road |
| Proposed Activity: Seward Highway MP 105-107 Safety Improvements | | --- | Proposed Flow Direction |
| Sec. 2 and 3 T. 10 N R. 2 W Seward Meridian | | --- | Existing Flow Direction |
| Lat.: 60.984403 Long.: 149.601347 | | --- | Proposed Cut |
| Sheet: 8 of 21 | | --- | Proposed Fill |
| Date: 12/29/2017 | | --- | Riprap/Armor Stone |
| | | --- | Proposed Edge of Road |
| | | --- | MHT (≈18.6 FT) |
| | | --- | MHW (≈12.4 FT) |
| | | --- | Proposed Rail Centerline |
| | | --- | Existing Rail Road Track |
| | | --- | Wetland Impacts |
| | | --- | Wetlands |
| | | --- | Uplands |
| | | --- | Guardrail |



PROJECT LOCATION & VICINITY MAP

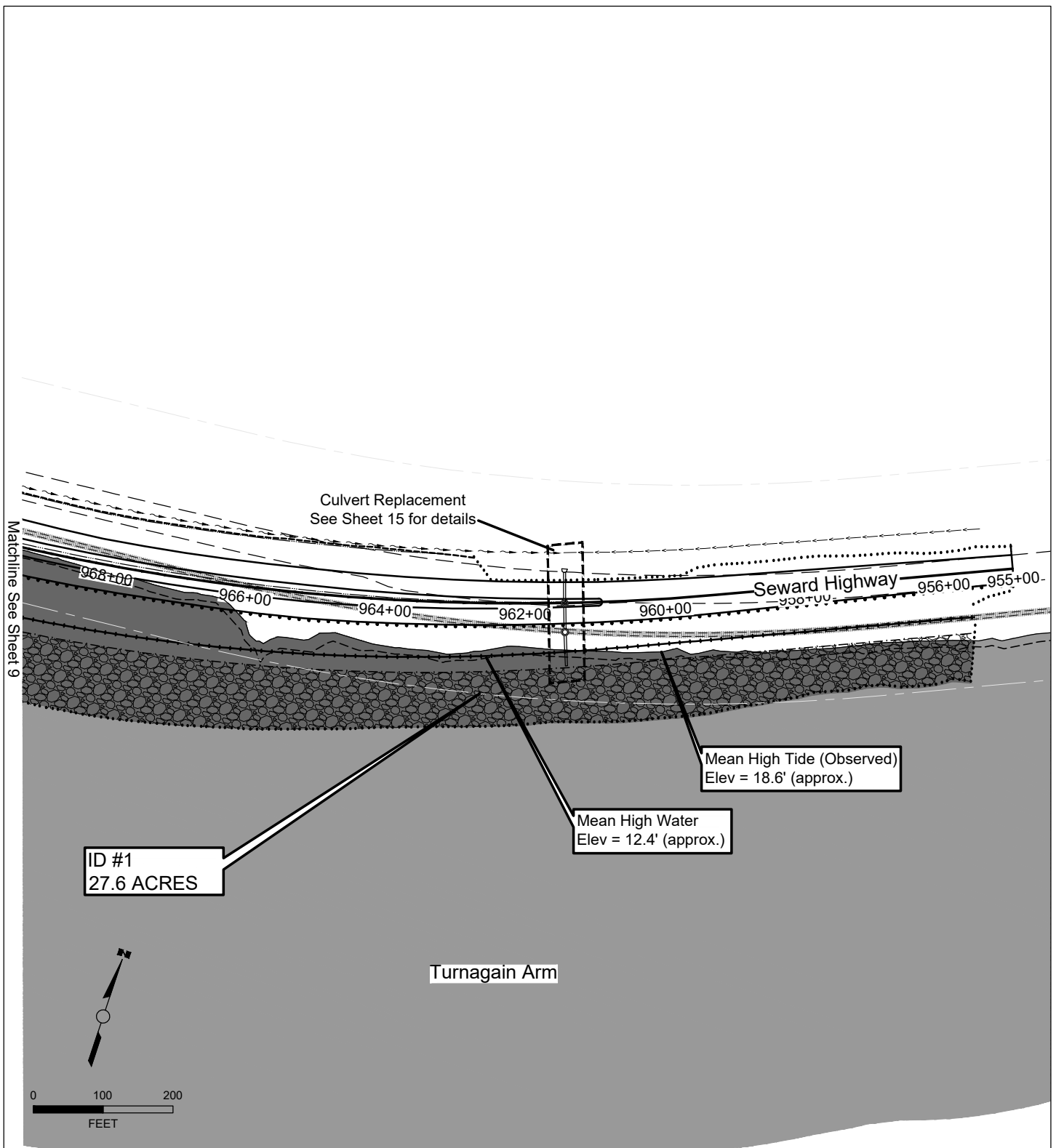
Applicant: State of Alaska, Department of Transportation & Public Facilities
 File No.: POA-XXXX-XXXX
 Waterway: Turnagain Arm
 Proposed Activity: Seward Highway MP 105-107 Safety Improvements
 Sec. 2 and 3 T. 10 N R. 2 W Seward Meridian
 Lat.: 60.984403 Long.: 149.601347

Sheet: 9 of 21

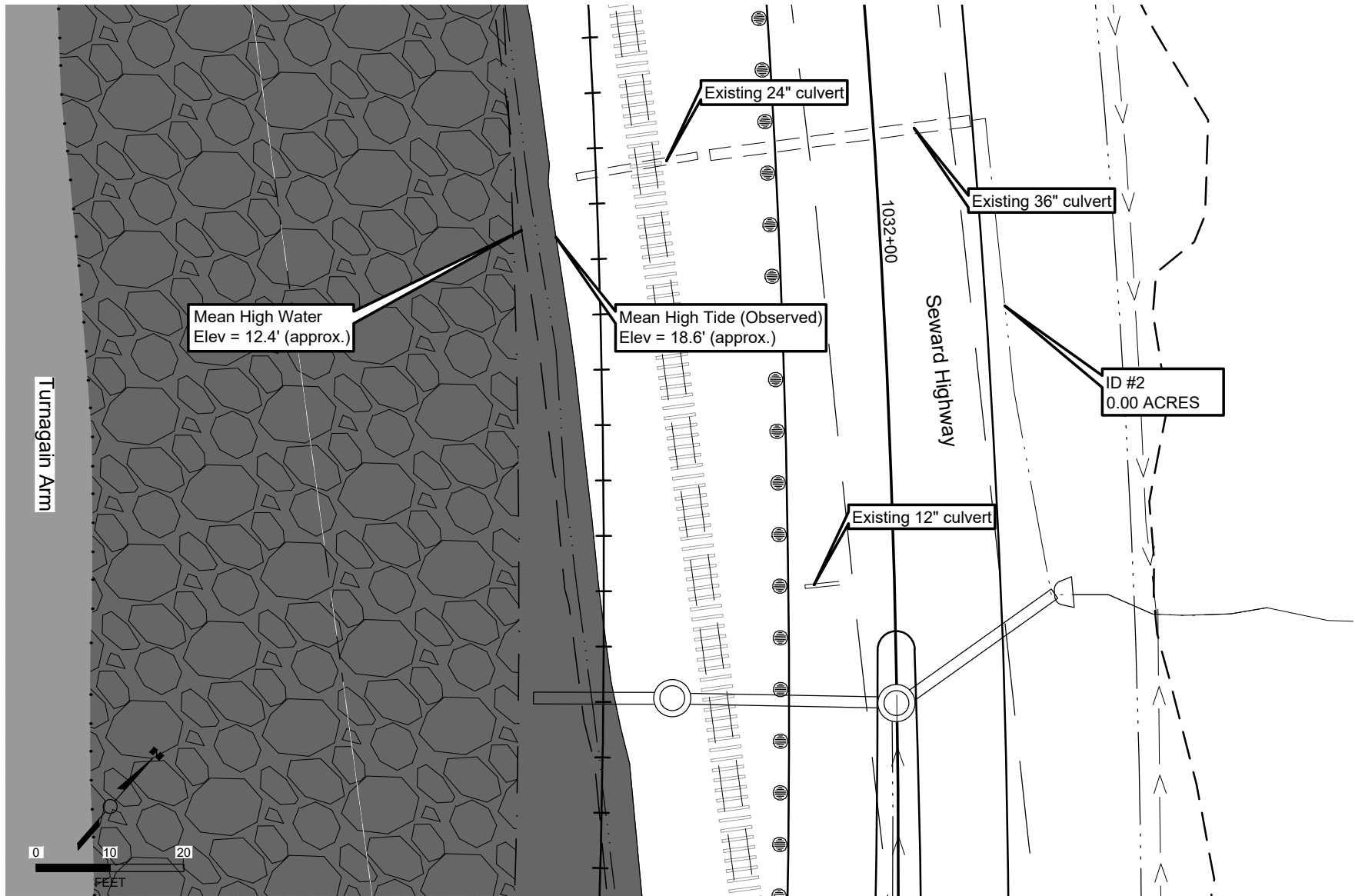
Date: 12/29/2017

Legend

| | | | |
|-----------|-------------------------|-----------|--------------------------|
| XXXX+XX | Proposed Centerline | — — — — | Proposed Edge of Road |
| — — — — | Existing DOT&PF ROW | — · — · — | MHT (≈18.6 FT) |
| — — — — | Existing Road | — · — · — | MHW (≈12.4 FT) |
| — > — | Proposed Flow Direction | +++++ | Proposed Rail Centerline |
| — < — | Existing Flow Direction | | Existing Rail Road Track |
| — · — · — | Proposed Cut | ■ | Wetland Impacts |
| · · · · · | Proposed Fill | ■ | Wetlands |
| ■ | Riprap/Armor Stone | □ | Uplands |
| | | · · · · · | Guardrail |



| PROJECT LOCATION & VICINITY MAP | | Legend | |
|--|--|---------|--------------------------|
| Applicant: State of Alaska, Department of Transportation & Public Facilities | | XXXX+XX | Proposed Centerline |
| File No.: POA-XXXX-XXXX | | --- | Existing DOT&PF ROW |
| Waterway: Turnagain Arm | | --- | Existing Road |
| Proposed Activity: Seward Highway MP 105-107 Safety Improvements | | --- | Proposed Flow Direction |
| Sec. 2 and 3 T. 10 N. R. 2 W. Seward Meridian | | --- | Existing Flow Direction |
| Lat.: 60.984403 Long.: 149.601347 | | --- | Proposed Cut |
| Sheet: 10 of 21 | | --- | Proposed Fill |
| Date: 12/29/2017 | | --- | Riprap/Armor Stone |
| | | --- | Proposed Edge of Road |
| | | --- | MHT (≈18.6 FT) |
| | | --- | MHW (≈12.4 FT) |
| | | --- | Proposed Rail Centerline |
| | | --- | Existing Rail Road Track |
| | | --- | Wetland Impacts |
| | | --- | Wetlands |
| | | --- | Uplands |
| | | --- | Guardrail |



SEWARD HIGHWAY CULVERT CROSSING - PLAN VIEW

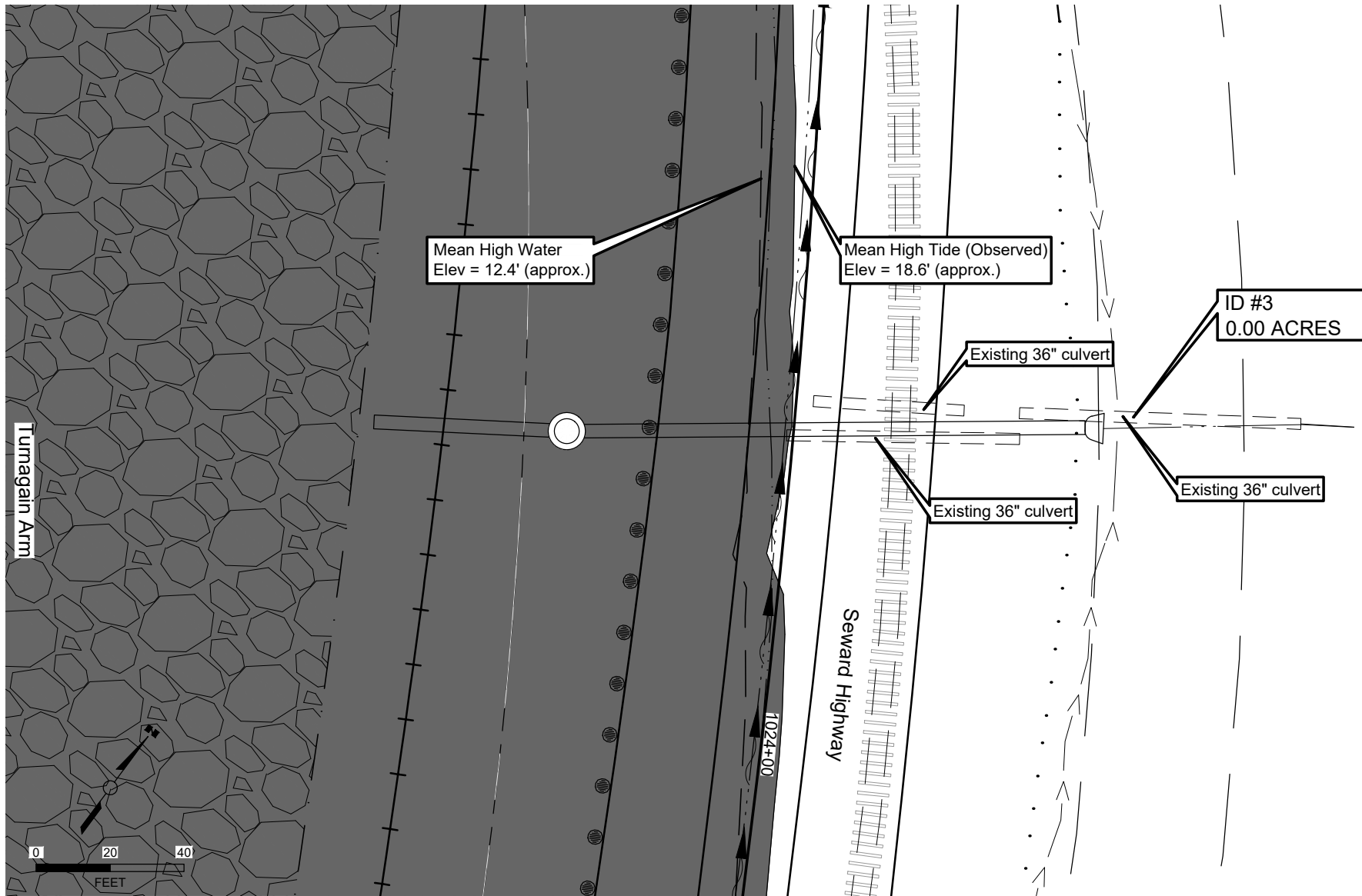
Applicant: State of Alaska, Department of Transportation & Public Facilities
 File No.: POA-XXXX-XXXX
 Waterway: Turnagain Arm
 Proposed Activity: Seward Highway MP 105-107 Safety Improvements
 Sec. 2 and 3 T. 10 N. R. 3 W Seward Meridian
 Lat.: 60.984403 Long.: 149.601347
 Sheet: 11 of 21

Date: 12/29/2017

| | | | |
|---------|-------------------------|-------|--------------------------|
| XXXX+XX | Proposed Centerline | — | Proposed Edge of Road |
| — | Existing DOT&PF ROW | - - - | MHT (≈18.6 FT) |
| — | Existing Road | - - - | MHW (≈12.4 FT) |
| — > — | Proposed Flow Direction | + | Proposed Rail Centerline |
| — > — | Existing Flow Direction | | Existing Rail Road Track |
| - - - | Proposed Cut | ■ | Waterway Impacts |
| · · · | Proposed Fill | □ | Uplands |

Legend

Riprap/Armor Stone
 Guardrail



SEWARD HIGHWAY CULVERT CROSSING - PLAN VIEW

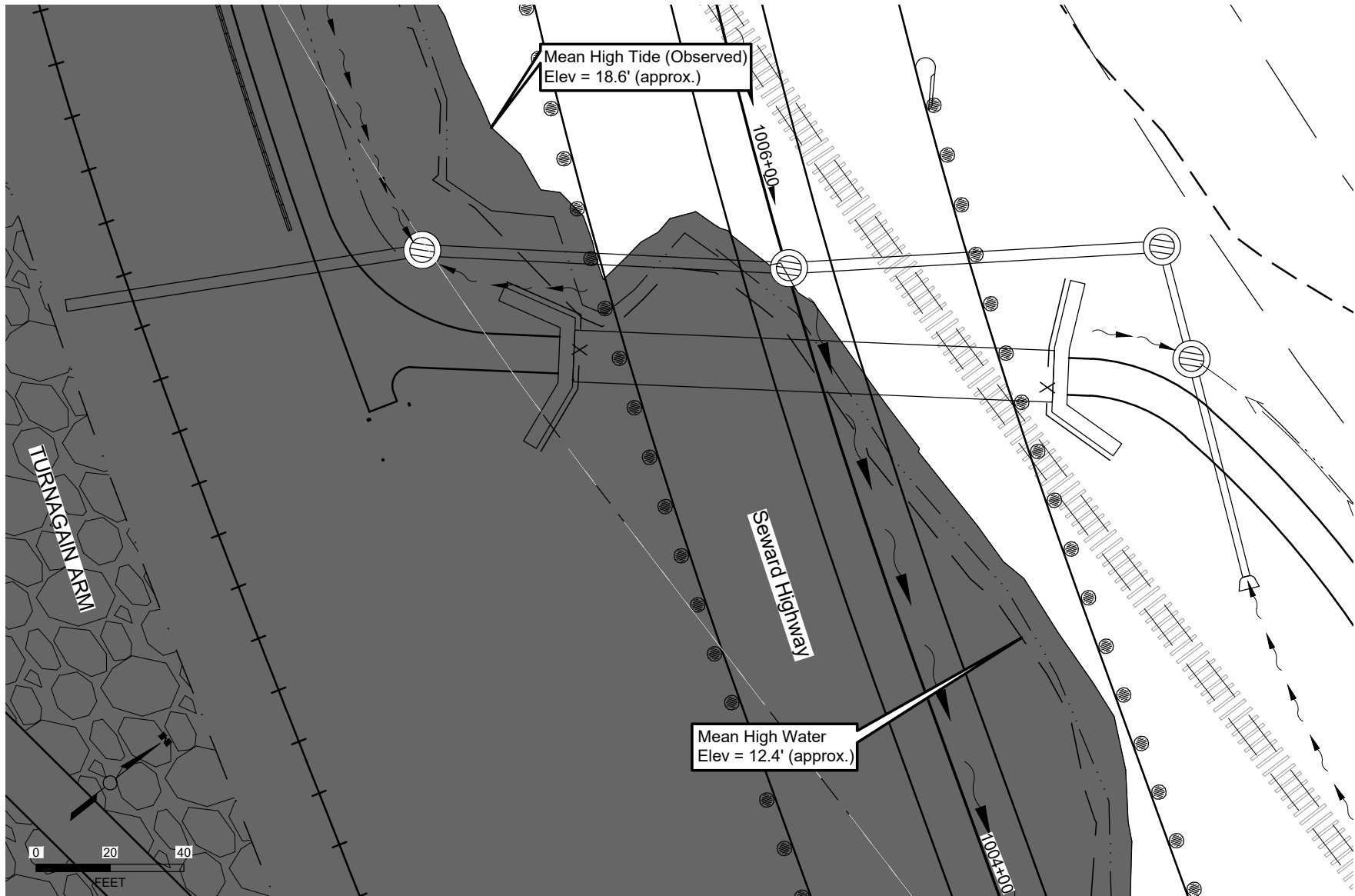
Applicant: State of Alaska, Department of Transportation & Public Facilities
 File No.: POA-XXXX-XXXX
 Waterway: Turnagain Arm
 Proposed Activity: Seward Highway MP 105-107 Safety Improvements
 Sec. 2 and 3 T. 10 N. R. 3 W Seward Meridian
 Lat.: 60.984403 Long.: 149.601347
 Sheet: 12 of 21

Date: 12/29/2017

| | | | |
|---------|-------------------------|-------|--------------------------|
| XXXX+XX | Proposed Centerline | — | Proposed Edge of Road |
| --- | Existing DOT&PF ROW | - - - | MHT (≈18.6 FT) |
| --- | Existing Road | - - - | MHW (≈12.4 FT) |
| → | Proposed Flow Direction | + + + | Proposed Rail Centerline |
| ~ | Existing Flow Direction | | Existing Rail Road Track |
| - - - | Proposed Cut | ■ | Waterway Impacts |
| · · · | Proposed Fill | □ | Uplands |

Legend

Riprap/Armor Stone
 Guardrail



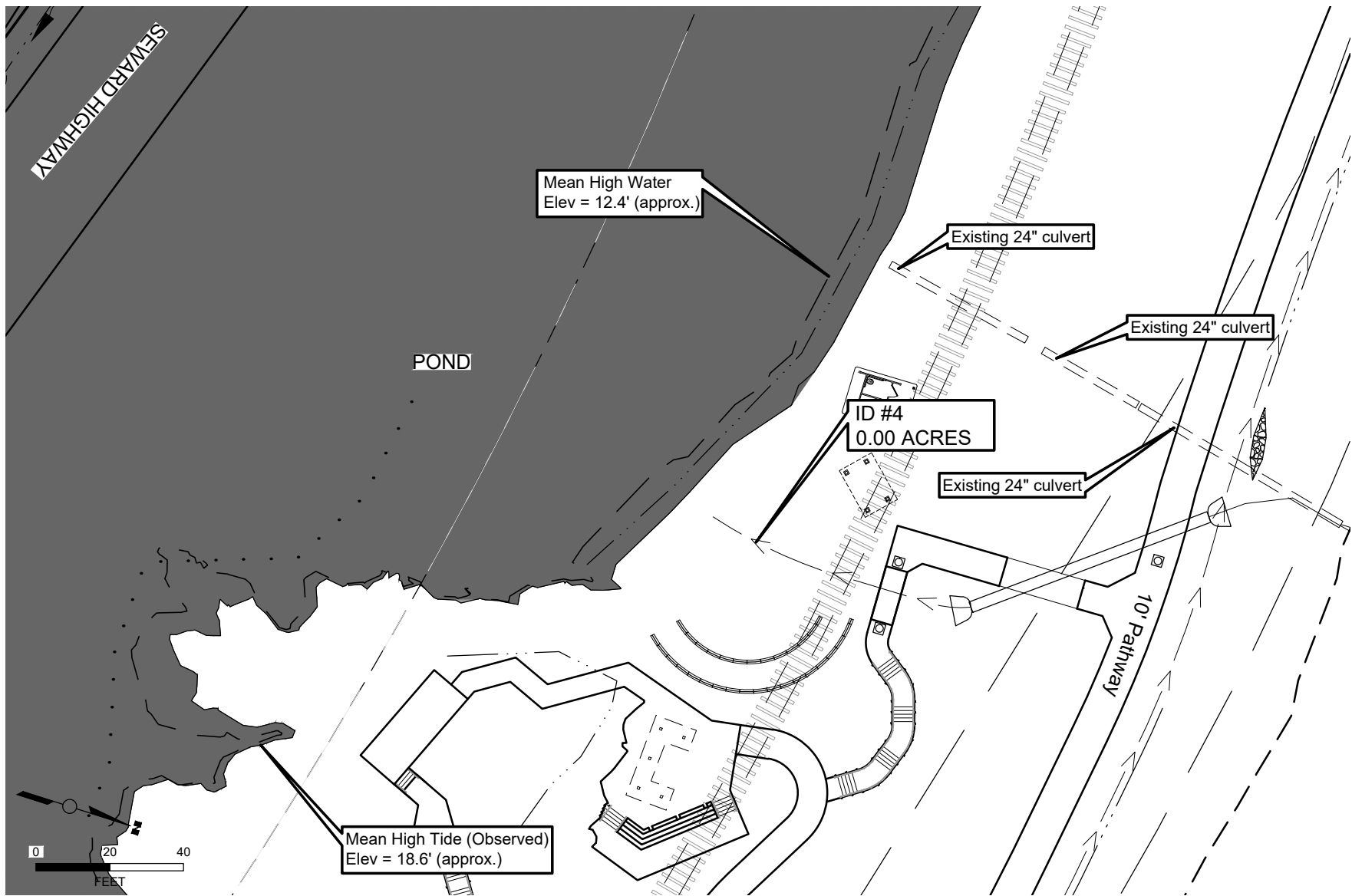
SEWARD HIGHWAY CULVERT CROSSING - PLAN VIEW

Applicant: State of Alaska, Department of Transportation & Public Facilities
 File No.: POA-XXXX-XXXX
 Waterway: Turnagain Arm
 Proposed Activity: Seward Highway MP 105-107 Safety Improvements
 Sec. 2 and 3 T. 10 N. R. 3 W Seward Meridian
 Lat.: 60.984403 Long.: 149.601347
 Sheet: 13 of 21
 Date: 12/29/2017

| | | | |
|---------|-------------------------|---------|--------------------------|
| XXXX+XX | Proposed Centerline | ———— | Proposed Edge of Road |
| ---- | Existing DOT&PF ROW | - - - - | MHT (≈18.6 FT) |
| ---- | Existing Road | - - - - | MHW (≈12.4 FT) |
| —>— | Proposed Flow Direction | +++++ | Proposed Rail Centerline |
| ~> | Existing Flow Direction | | Existing Rail Road Track |
| - - - - | Proposed Cut | ■ | Waterway Impacts |
| · · · | Proposed Fill | □ | Uplands |

Legend

Riprap/Armor Stone
 Guardrail



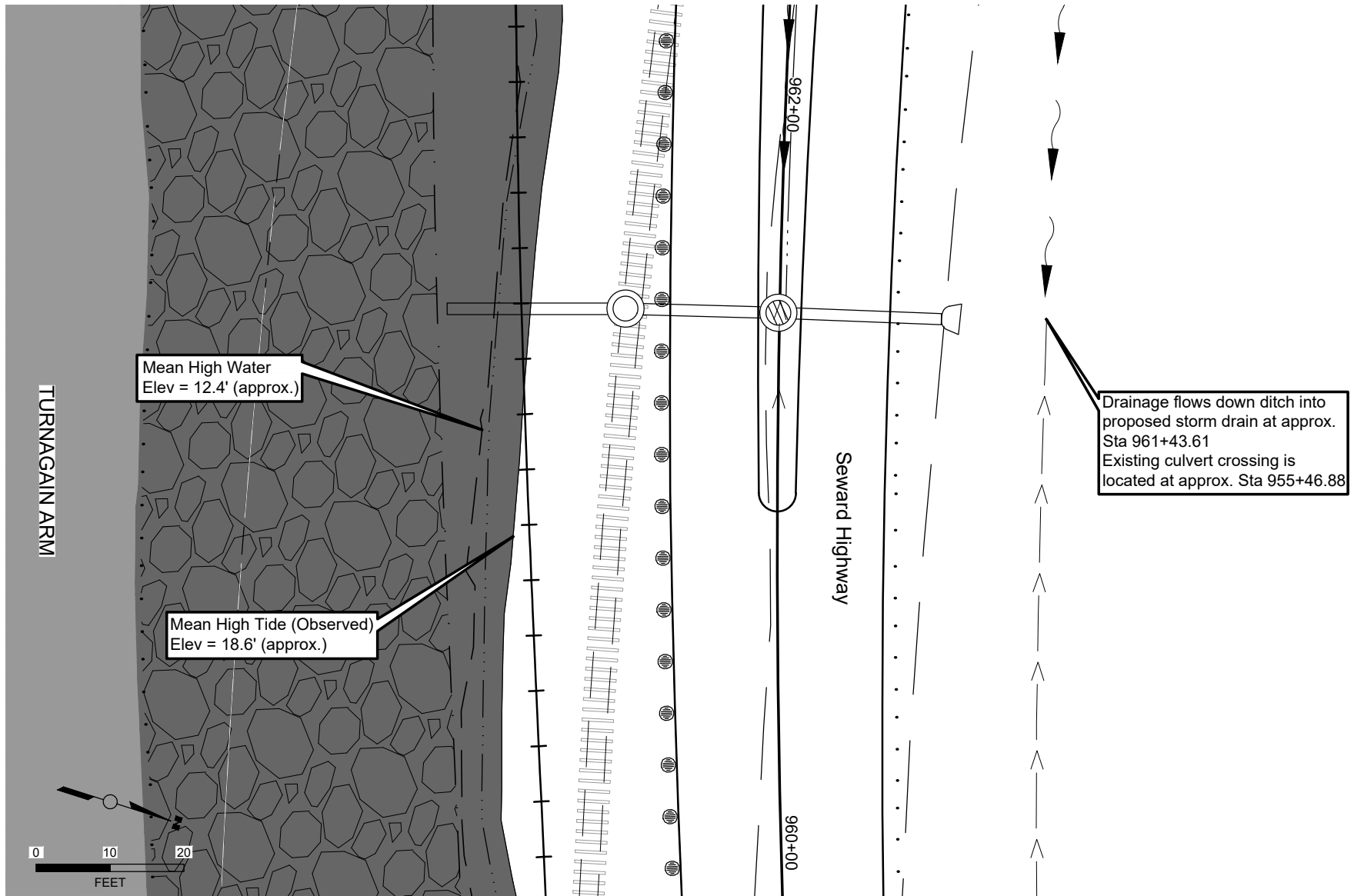
SEWARD HIGHWAY CULVERT CROSSING - PLAN VIEW

Applicant: State of Alaska, Department of Transportation & Public Facilities
 File No.: POA-XXXX-XXXX
 Waterway: Turnagain Arm
 Proposed Activity: Seward Highway MP 105-107 Safety Improvements
 Sec. 2 and 3 T. 10 N. R. 3 W Seward Meridian
 Lat.: 60.984403 Long.: 149.601347
 Sheet: 14 of 21
 Date: 12/29/2017

| | | | |
|---------|-------------------------|---------|--------------------------|
| XXXX+XX | Proposed Centerline | — | Proposed Edge of Road |
| --- | Existing DOT&PF ROW | - - - | MHT (≈18.6 FT) |
| - - - | Existing Road | - - - | MHW (≈12.4 FT) |
| - > - | Proposed Flow Direction | + + + | Proposed Rail Centerline |
| ~ | Existing Flow Direction | [] | Existing Rail Road Track |
| - - - | Proposed Cut | [] | Waterway Impacts |
| · · · | Proposed Fill | [] | Uplands |

Legend

[Pattern] Riprap/Armor Stone
 [Pattern] Guardrail



SEWARD HIGHWAY CULVERT CROSSING - PLAN VIEW

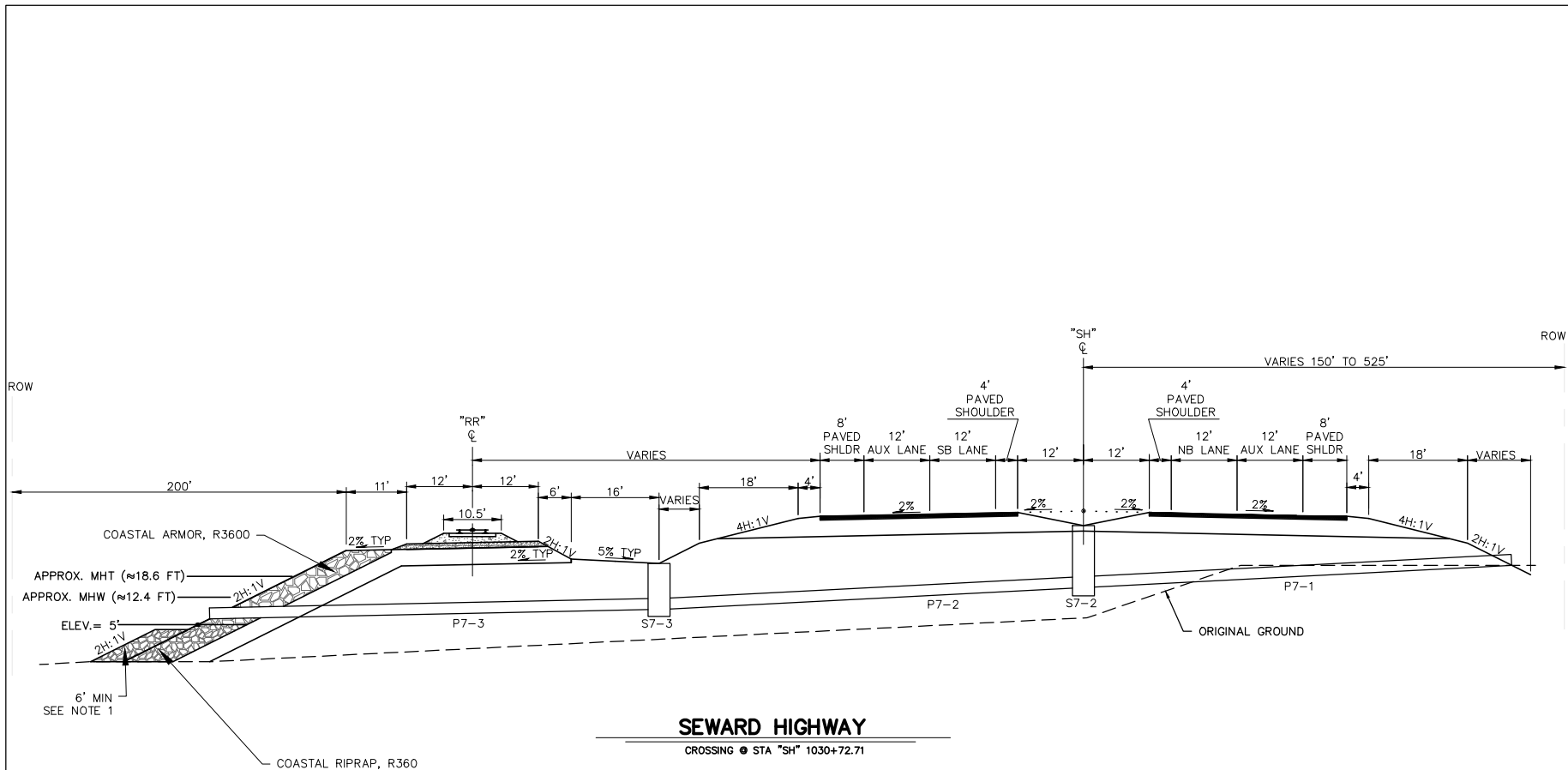
Applicant: State of Alaska, Department of Transportation & Public Facilities
 File No.: POA-XXXX-XXXX
 Waterway: Turnagain Arm
 Proposed Activity: Seward Highway MP 105-107 Safety Improvements
 Sec. 2 and 3 T. 10 N. R. 3 W Seward Meridian
 Lat.: 60.984403 Long.: 149.601347
 Sheet: 15 of 21

Date: 12/29/2017

| | | | |
|---------|-------------------------|-------|--------------------------|
| XXXX+XX | Proposed Centerline | — | Proposed Edge of Road |
| --- | Existing DOT&PF ROW | - - - | MHT (≈18.6 FT) |
| --- | Existing Road | - - - | MHW (≈12.4 FT) |
| → | Proposed Flow Direction | + | Proposed Rail Centerline |
| ~ | Existing Flow Direction | | Existing Rail Road Track |
| - - - | Proposed Cut | ■ | Waterway Impacts |
| · · · | Proposed Fill | □ | Uplands |

Legend

Riprap/Armor Stone
 Guardrail



SEWARD HIGHWAY TYPICAL AT CULVERT CROSSING

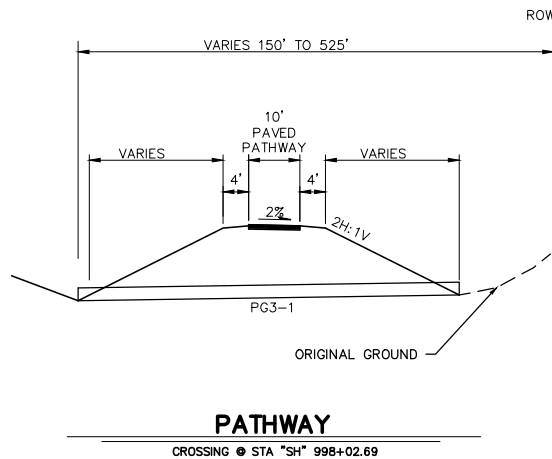
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 File No.: POA-XXXX-XXXX
 Waterway: Turnagain Arm
 Proposed Activity: Seward Highway MP 105-17 Safety Improvements
 Sec. 2 and 3 T. 10 N. R. 3 W Seward Meridian
 Lat.: 60.984403 Long.: 149.601347
 Sheet: 16 of 21
 Date: 12/29/2017

| Legend | |
|--------|---------------------|
| | Existing DOT&PF ROW |
| | Riprap/Armor Stone |
| | MHT (≈18.6 FT) |
| | MHW (≈12.4 FT) |



Legend

| | |
|--|---------------------|
| | Existing DOT&PF ROW |
| | Riprap/Armor Stone |
| | MHT (≈18.6 FT) |
| | MHW (≈12.4 FT) |



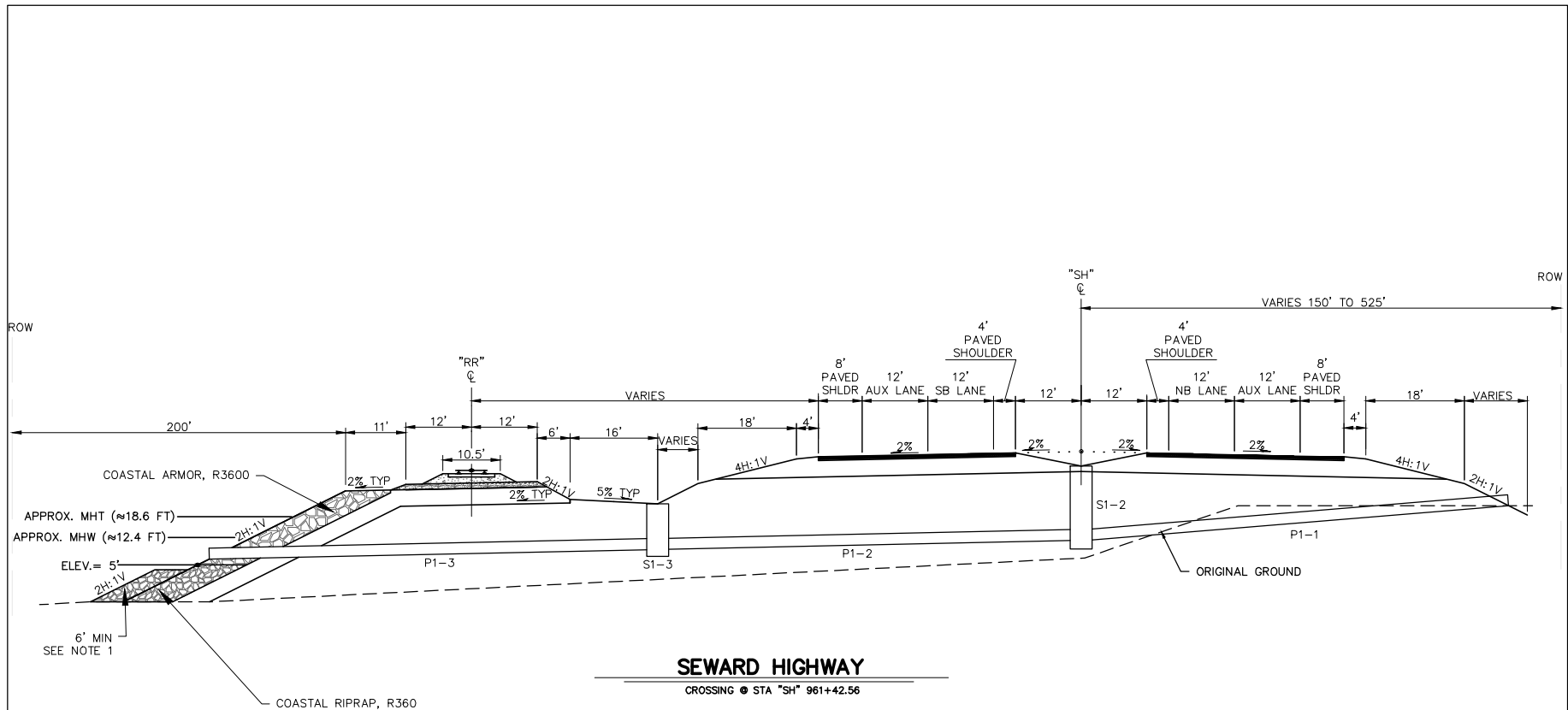
SEWARD HIGHWAY TYPICAL AT CULVERT CROSSING

Applicant: State of Alaska, Department of Transportation & Public Facilities
 File No.: POA-XXXX-XXXX
 Waterway: Turnagain Arm
 Proposed Activity: Seward Highway MP 105-107 Safety Improvements
 Sec. 2 and 3 T. 10 N. R. 3 W Seward Meridian
 Lat.: 60.984403 Long.: 149.601347
 Sheet: 19 of 21

Date: 12/29/2017

Legend

- Existing DOT&PF ROW
- Riprap/Armor Stone
- MHT (≈18.6 FT)
- MHW (≈12.4 FT)

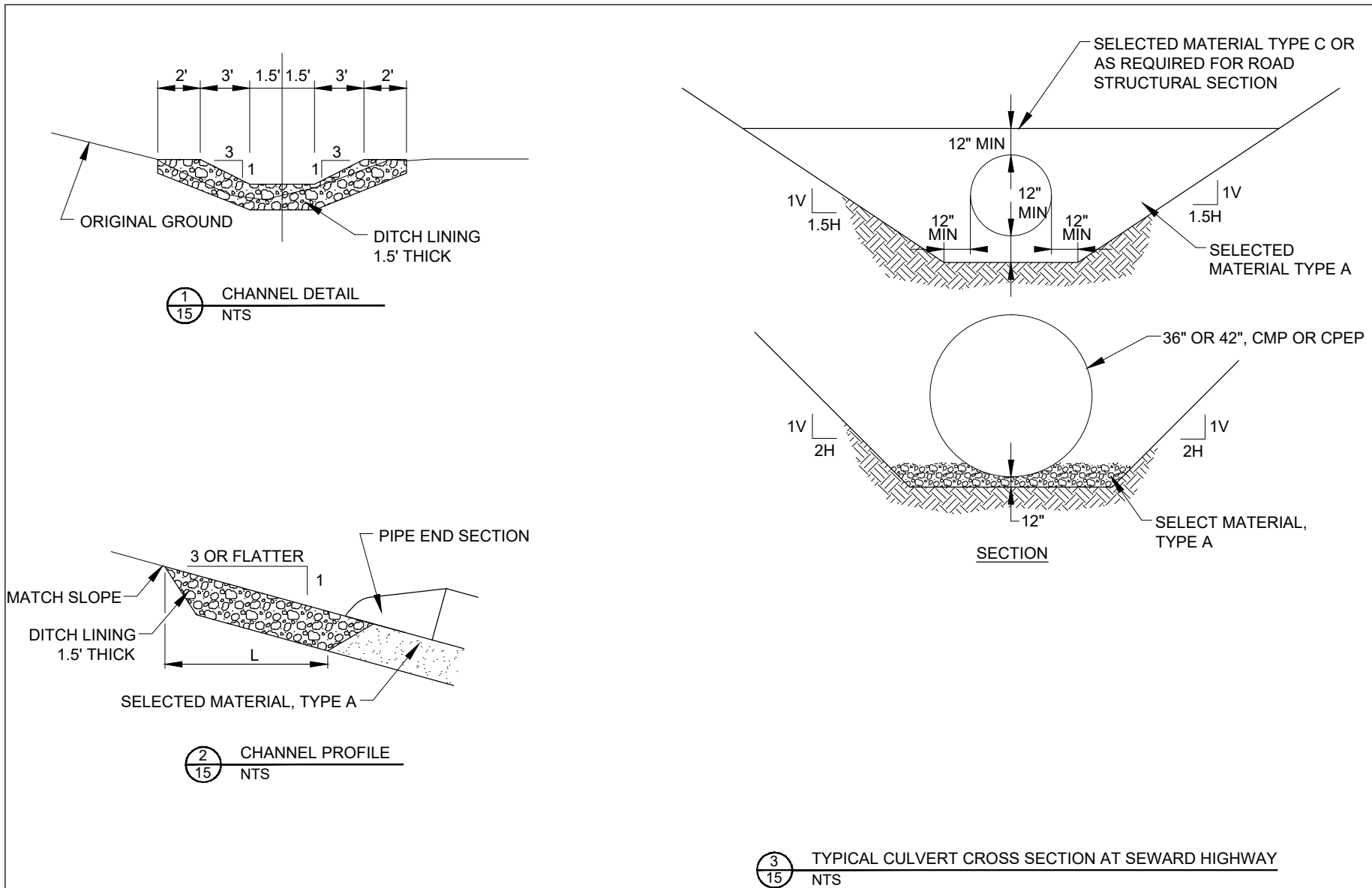


SEWARD HIGHWAY TYPICAL AT CULVERT CROSSING

Applicant: State of Alaska, Department of Transportation & Public Facilities
 File No.: POA-XXXX-XXXX
 Waterway: Turnagain Arm
 Proposed Activity: Seward Highway MP 105-107 Safety Improvements
 Sec. 2 and 3 T. 10 N. R. 3 W Seward Meridian
 Lat.: 60.984403 Long.: 149.601347
 Sheet: 20 of 21
 Date: 12/29/2017

Legend

- Existing DOT&PF ROW
- Riprap/Armor Stone
- MHT (≈ 18.6 FT)
- MHW (≈ 12.4 FT)



SEWARD HIGHWAY TYPICAL AT CULVERT CROSSING

Applicant: State of Alaska, Department of Transportation & Public Facilities
 File No.: POA-XXXX-XXXX
 Waterway: Turnagain Arm
 Proposed Activity: Seward Highway MP 105-107 Safety Improvements
 Sec. 2 and 3 T. 10 N R. 3 W Seward Meridian
 Lat.: 60.984403 Long.: 149.601347
 Sheet: 21 of 21

Date: 12/29/2017