

LOCATION MAP



END OF PROJECT

BEGINNING OF PROJECT

VICINITY MAP

ACOE PERMIT#
 ADOT/PF PROJECT # 53614
 HOMER EAST END RD MP 3.75-5.5 REHABILITATION
 LOCATION: T6S R13W SECS. 1, 11, & 12, S.M
 USGS SELDOVIA C-4
 LAT 59.669°; LONG -151.441°
 DATE: 07/15/13
WATER BODY: KACHEMAK BAY
LOCATION AND VICINITY MAP

E L. BOYD SUBD.

AQUILA SUBD.

Wetlands Branch 2

NO. 6

42+85

38+65

NO. 11

38+65

New embankment + culvert fill

36+50

MP 4

Seperated Path

NO. 3

28+80

33+70

DEITZ HOME ESTATES NO. 8

DEITZ HOME ESTATES NO. 9

29+90

GLADYS CT

100 m

400 ft

Wetlands Complex 1 - Branch 2
Wetlands Delineation October 2013
Homer East End Road MP 3.75 to MP 5.5



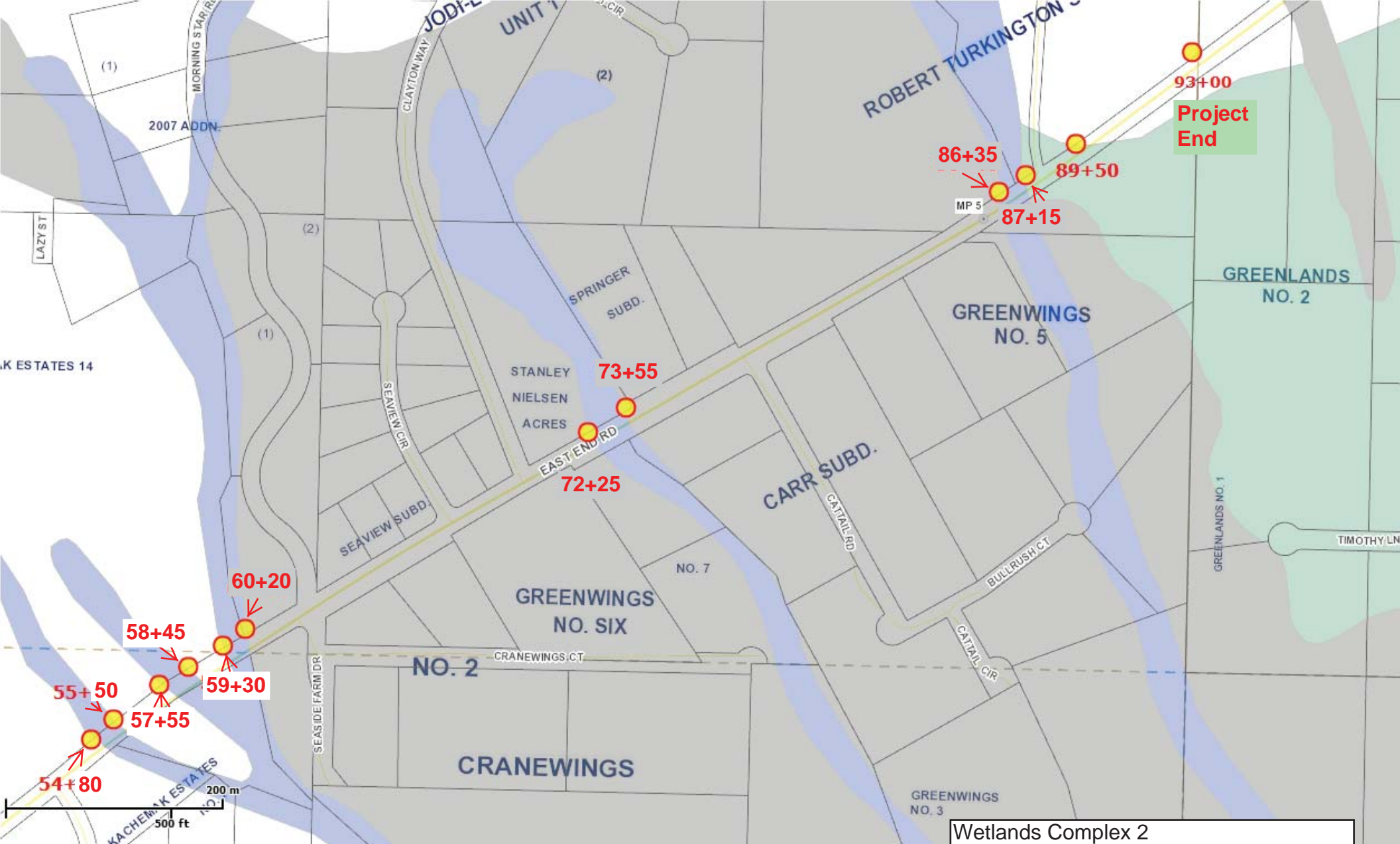
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KPB Parcel Viewer

POA-2012-868 Kachemak Bay, sheet 2 of 12

DISCLAIMER: The data displayed herein is neither a legally recorded map nor survey and should only be used for general reference purposes. Ketchikan Peninsula Borough assumes no liability as to the accuracy of any data displayed herein. Original source documents should be consulted for accuracy verification.





Wetlands Complex 2
 Wetlands Delineation October 2013
 Homer East End Road MP 3.75 to MP 5.5



Mon Oct 28 2013 04:33:05 PM

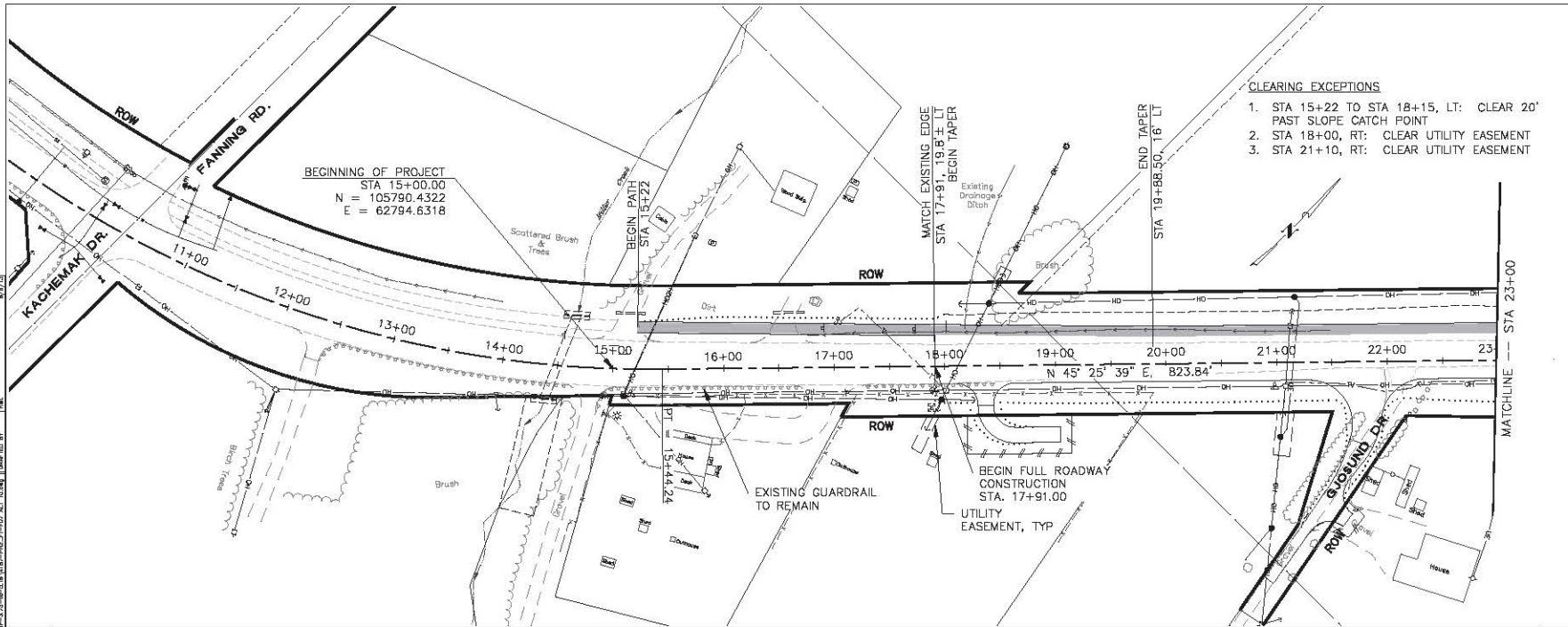
KPB Parcel Viewer

POA-2012-868 Kachemak Bay, sheet 3 of 12

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PREPARED BY: []
 CHECKED BY: []
 DATE: 06/13/13
 PROJECT: HOMER EAST END ROAD, MP 3.75-5.5, KACHEMAK DRIVE TO WATERMAN ROAD REHABILITATION
 SHEET: POA-2012-868 KACHEMAK BAY, sheet 4 of 12

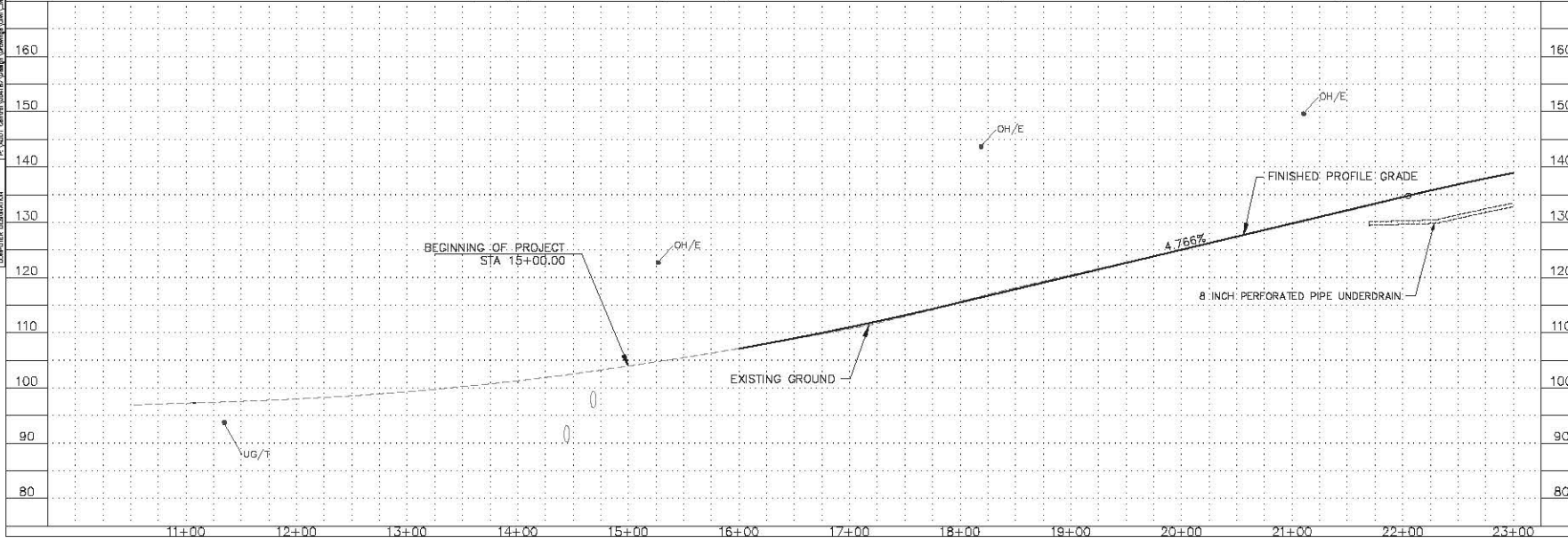
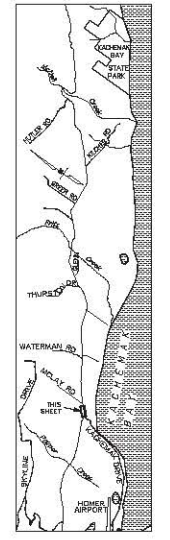


- CLEARING EXCEPTIONS**
1. STA 15+22 TO STA 18+15, LT: CLEAR 20' PAST SLOPE CATCH POINT
 2. STA 18+00, RT: CLEAR UTILITY EASEMENT
 3. STA 21+10, RT: CLEAR UTILITY EASEMENT

SHEET NO.	TOTAL SHEETS
F1	F17
STATE	YEAR
ALASKA	2013
PROJECT DESIGNATION	
0414(13)/53164	
ADDENDUM NO.	
ATTACHMENT NO.	

REVISIONS

NO.	DATE	DESCRIPTION



PLANS DEVELOPED BY:
 WHPacific

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 HOMER: EAST END ROAD, MP
 3.75-5.5, KACHEMAK DRIVE
 TO WATERMAN ROAD
 REHABILITATION
 PLAN AND PROFILE
 BOP 15+00 TO STA 23+00

CURVE 3
 PI = 25+32.74
 N = 108614.5036
 E = 63531.0078
 $\Delta = 03^{\circ}46'20''$ RT
 R = 5000.00
 T = 164.66
 L = 329.20
 S = 2.2%
 RUNOUT = 48'
 RUNOFF = 53'
 % RUNOFF = 80%

CLEARING EXCEPTIONS
 1. STA 29+00 TO STA 30+70: CLEAR 20' PAST SLOPE CATCH POINT.

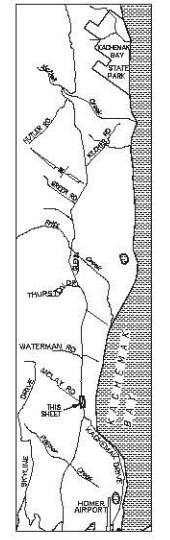
ROW
 THERE IS NO TOP FOR THIS PROPERTY.

SHEET NO.	TOTAL SHEETS
F2	F17
STATE	YEAR
ALASKA	2013
PROJECT DESIGNATION	
0414(13)/53164	
ADDENDUM NO.	

ATTACHMENT NO.

REVISIONS

NO.	DATE	DESCRIPTION

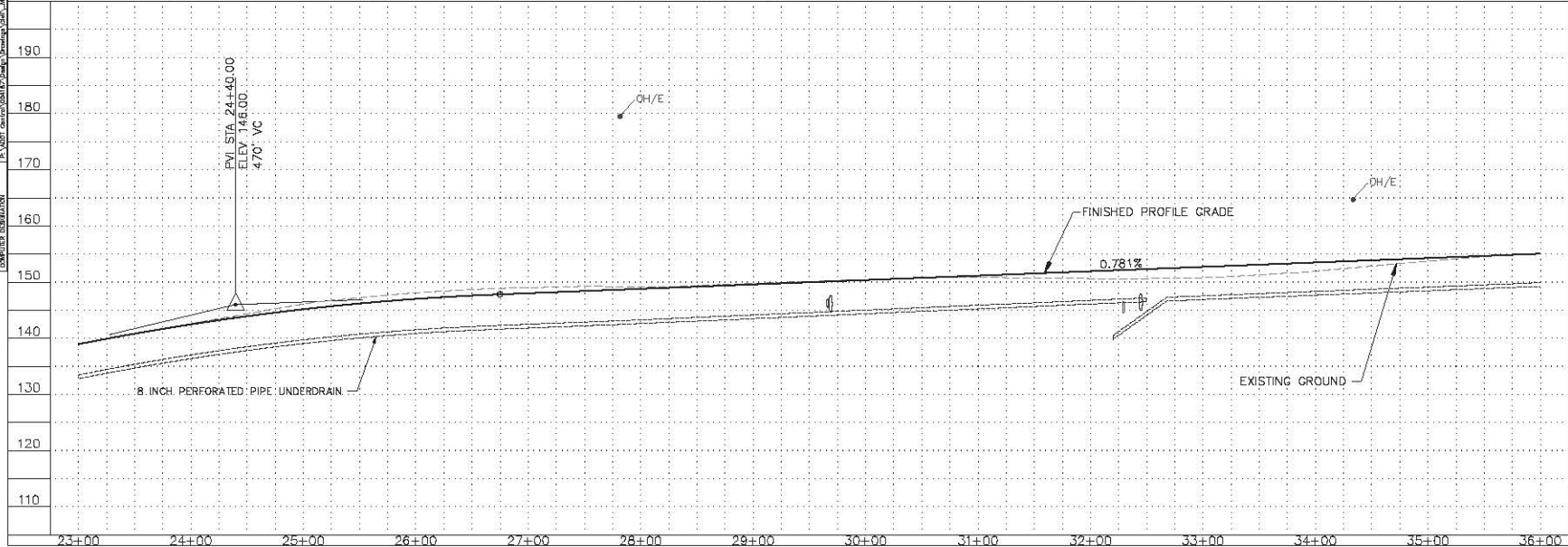
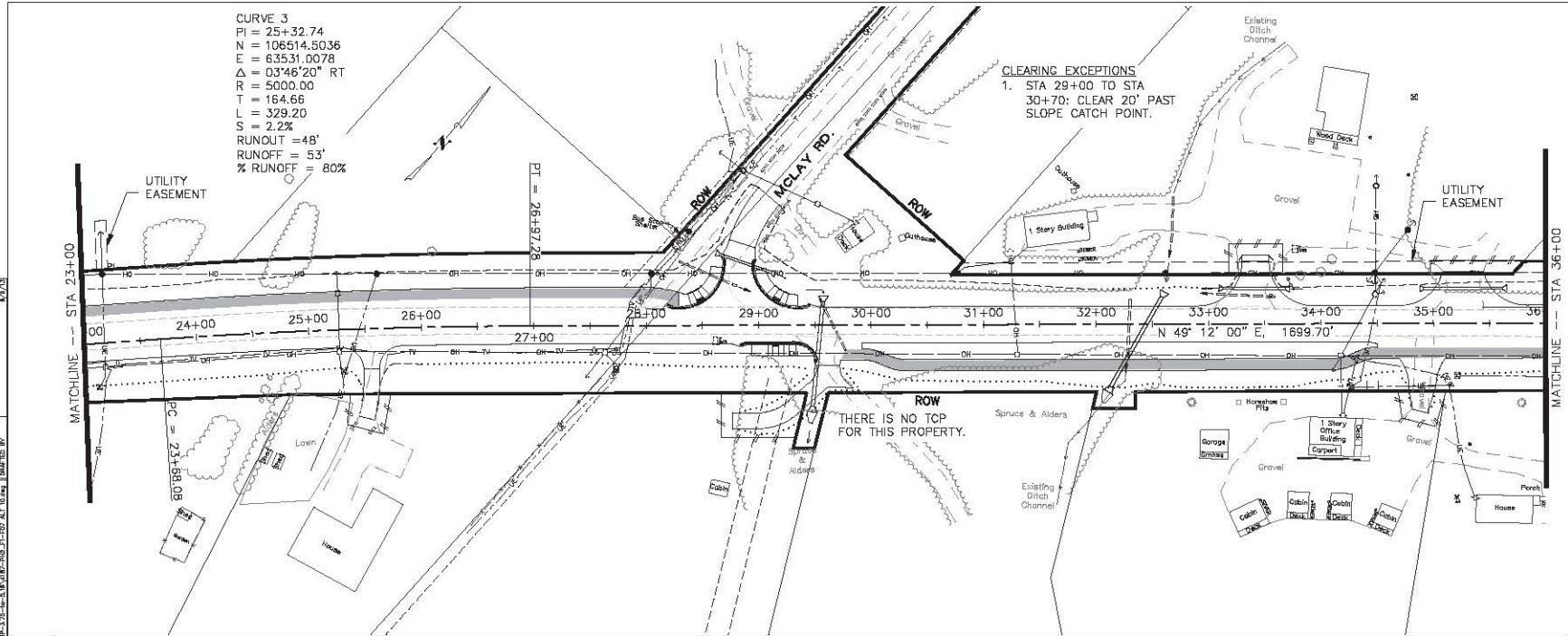


PLANS DEVELOPED BY:
 WHPacific

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 HOMER: EAST END ROAD, MP
 3.75-5.5, KACHEMAK DRIVE
 TO WATERMAN ROAD
 REHABILITATION

PLAN AND PROFILE
 STA 23+00 TO STA 36+00

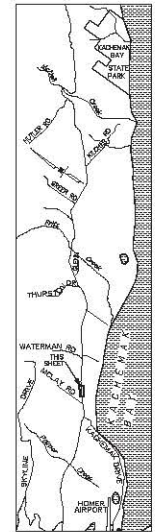
PREPARED BY: [Name] DATE: [Date]
 CHECKED BY: [Name] DATE: [Date]
 DESIGNED BY: [Name] DATE: [Date]



SHEET NO.	TOTAL SHEETS
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STATE	YEAR
ALASKA	2013
PROJECT DESIGNATION	
0414(13)/53164	
ADDENDUM NO.	

ATTACHMENT NO.

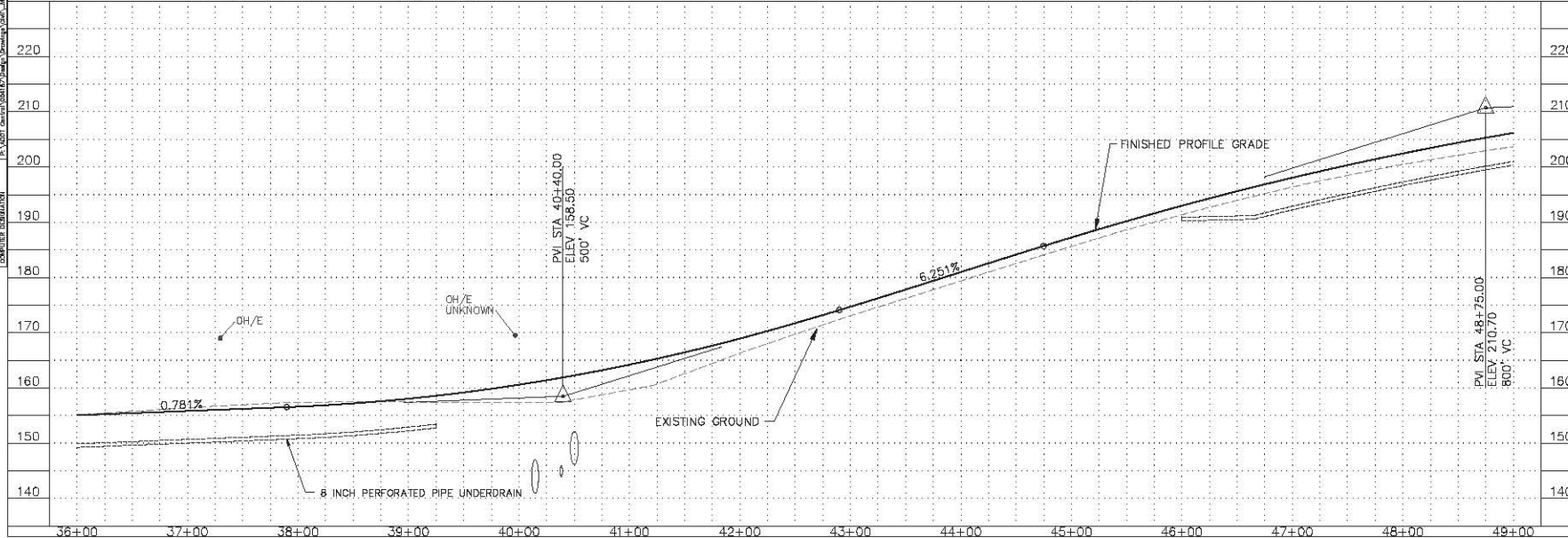
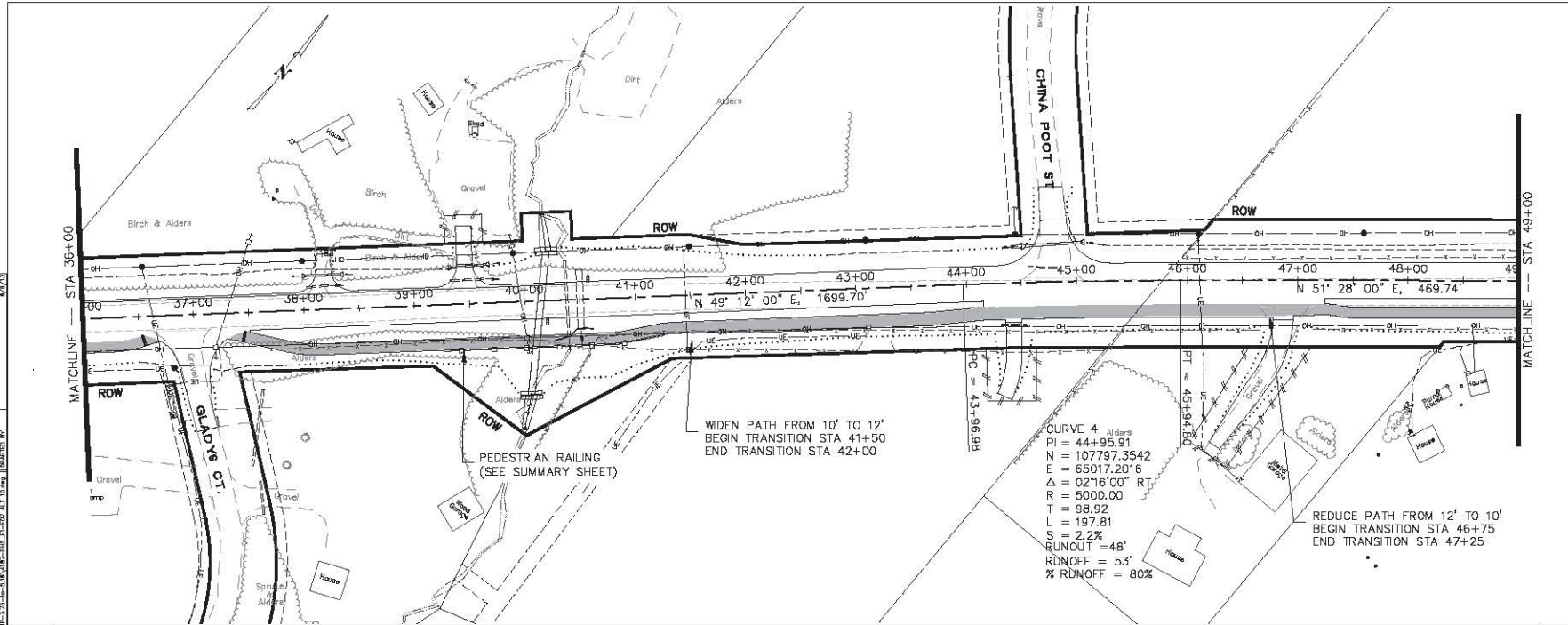
REVISIONS		
NO.	DATE	DESCRIPTION



PLANS DEVELOPED BY:
WHPacific

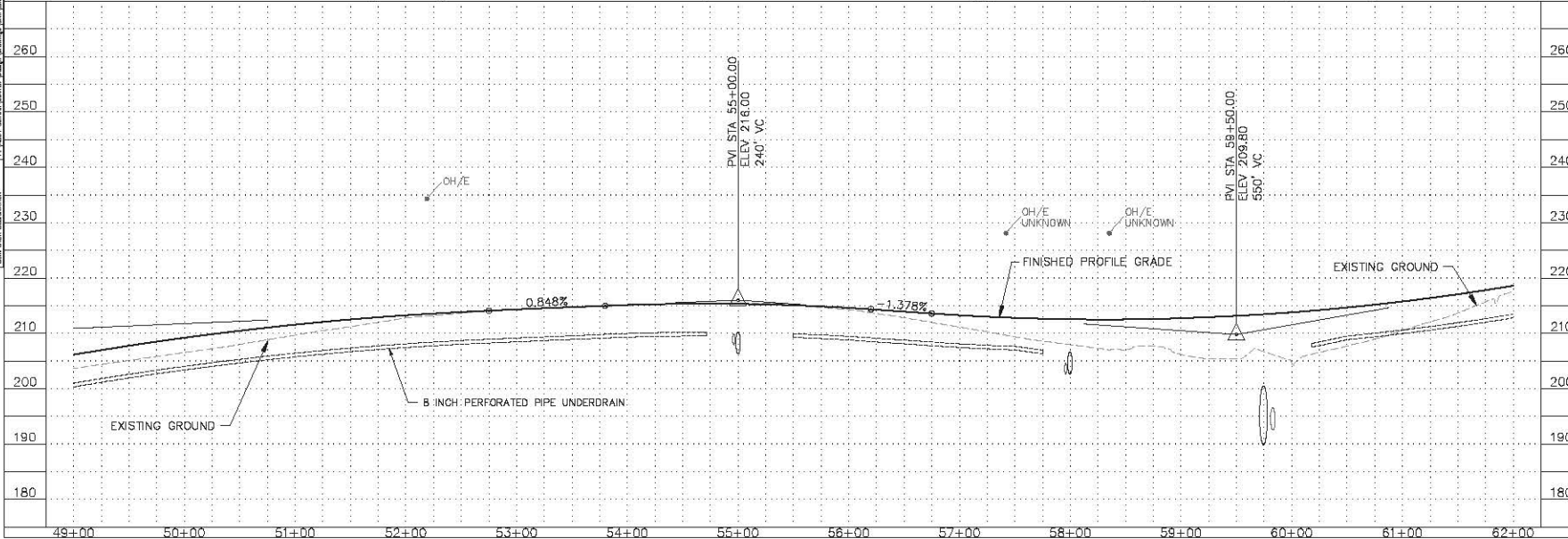
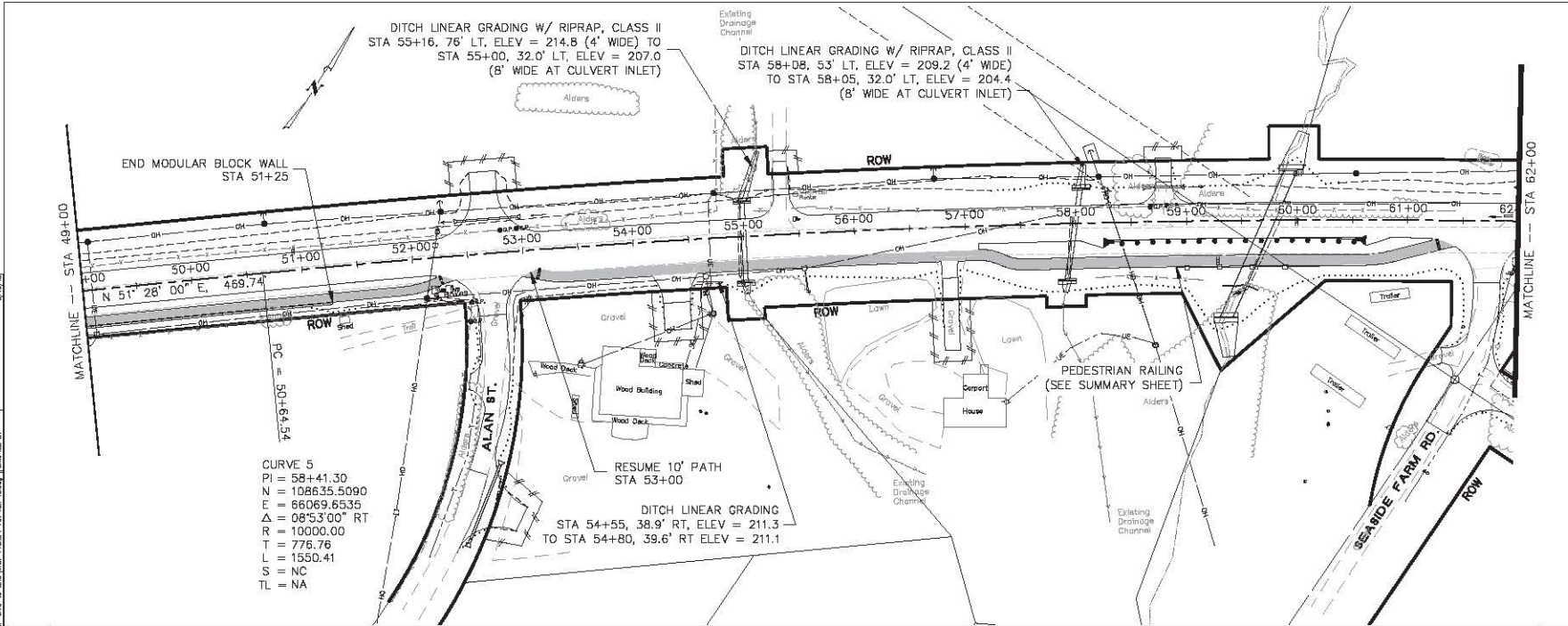
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
HOMER: EAST END ROAD, MP
3.75-5.5, KACHEMAK DRIVE
TO WATERMAN ROAD
REHABILITATION

PLAN AND PROFILE
STA 36+00 TO STA 49+00



PREPARED BY: [Name]
 CHECKED BY: [Name]
 DATE: [Date]
 SCALE: [Scale]
 DRAWING NO.: [Number]

PREPARED BY: [Name] DATE: [Date]
 CHECKED BY: [Name] DATE: [Date]
 SCALE: AS SHOWN
 DRAWING NO.: [Number]

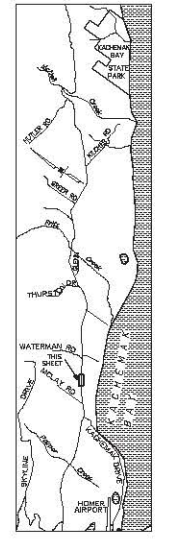


SHEET NO.	TOTAL SHEETS
F4	F17
STATE	YEAR
ALASKA	2013
PROJECT DESIGNATION	
0414(13)/53164	
ADDENDUM NO.	

ATTACHMENT NO.

REVISIONS

NO.	DATE	DESCRIPTION

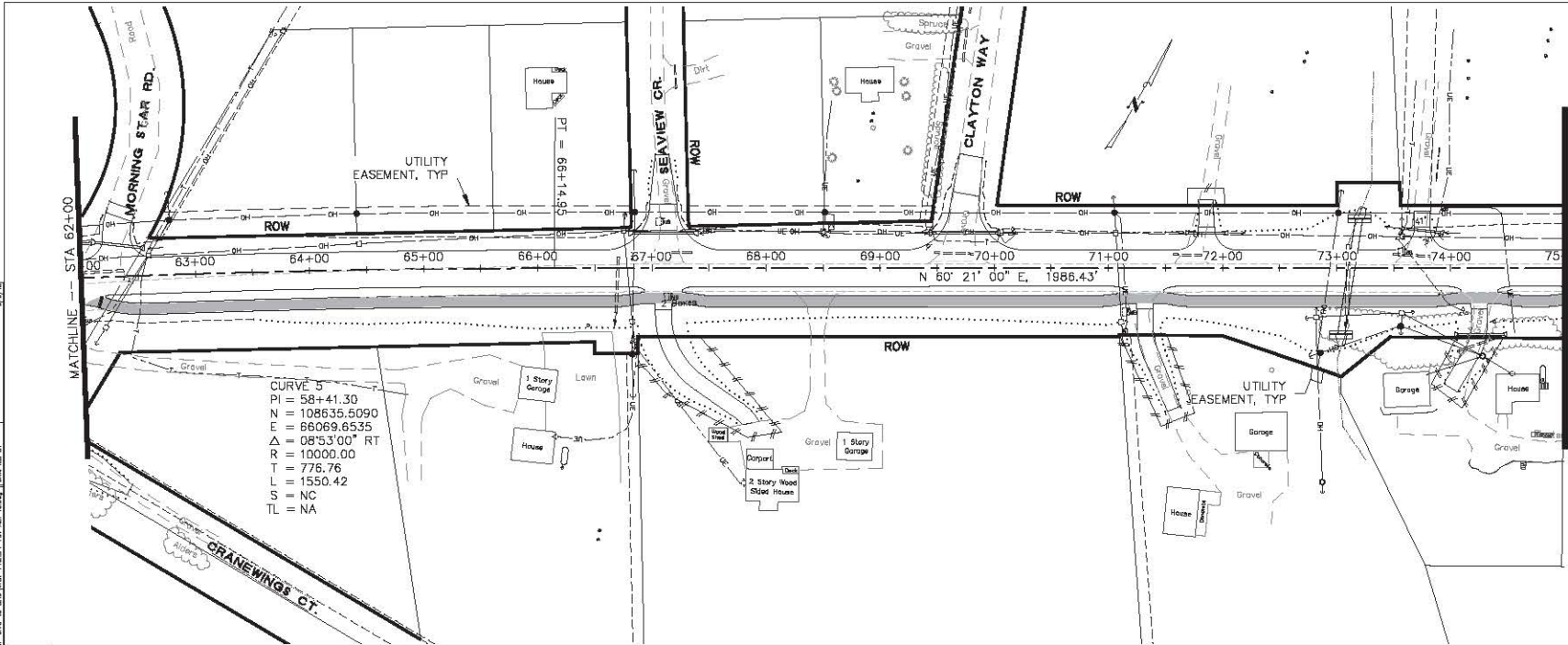


PLANS DEVELOPED BY:
WHPacific

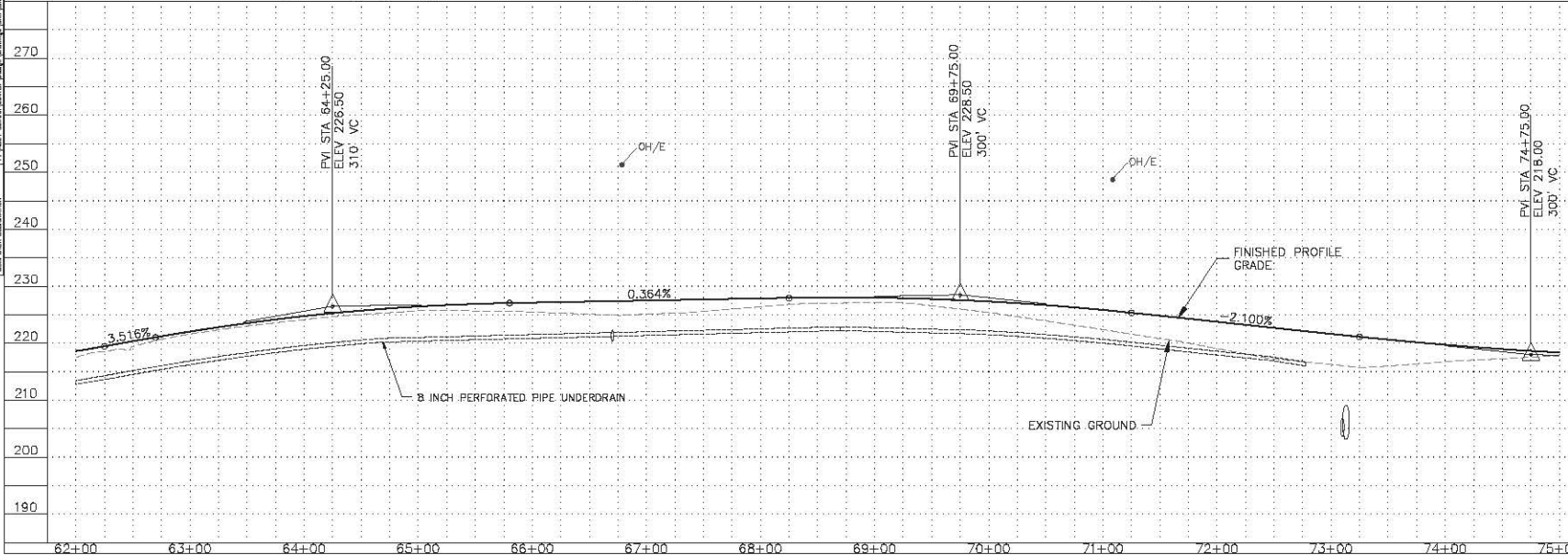
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 HOMER: EAST END ROAD, MP
 3.75-5.5, KACHEMAK DRIVE
 TO WATERMAN ROAD
 REHABILITATION

PLAN AND PROFILE
 STA 49+00 TO STA 62+00

PREPARED BY: [Name] DATE: [Date]
 CHECKED BY: [Name] DATE: [Date]
 SCALE: 1"=40'
 DRAWING NO.: [Number]
 PROJECT NO.: [Number]



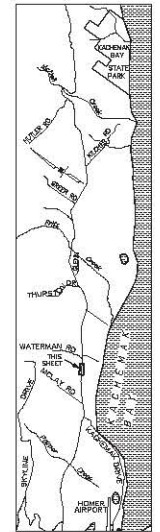
CURVE 5
 PI = 58+41.30
 N = 108635.5090
 E = 66069.6535
 $\Delta = 08^{\circ}53'00''$ RT
 R = 10000.00
 T = 776.76
 L = 1550.42
 S = NC
 TL = NA



SHEET NO.	TOTAL SHEETS
F5	F17
STATE	YEAR
ALASKA	2013
PROJECT DESIGNATION	
0414(13)/53164	
ADDENDUM NO.	

ATTACHMENT NO.

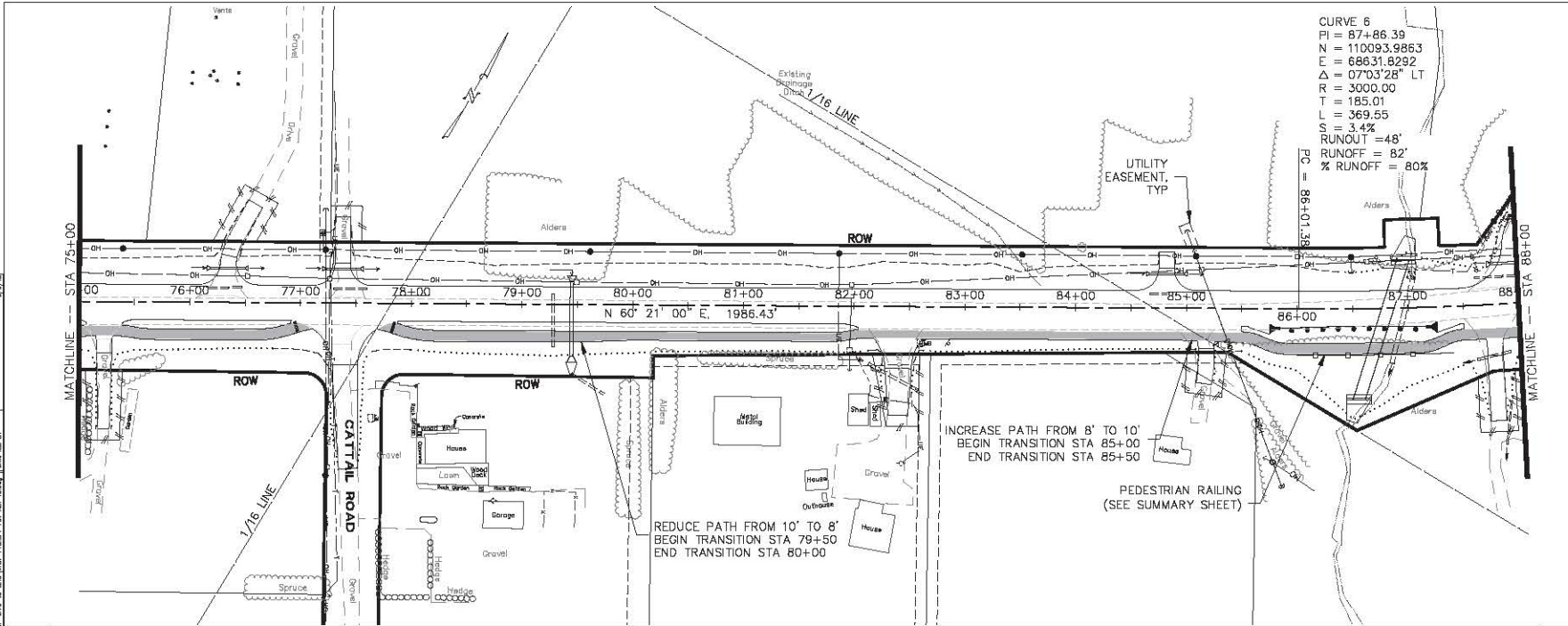
REVISIONS		
NO.	DATE	DESCRIPTION



PLANS DEVELOPED BY:
 WHPacific

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 HOMER: EAST END ROAD, MP
 3.75-5.5, KACHEMAK DRIVE
 TO WATERMAN ROAD
 REHABILITATION
 PLAN AND PROFILE
 STA 62+00 TO STA 75+00

PREPARED BY: [Name] DATE: [Date] CHECKED BY: [Name] DATE: [Date]
 SCALE: 1"=40' HORIZONTAL, 1"=4' VERTICAL
 DRAWING NO.: [Number] SHEET NO.: [Number] OF [Total] SHEETS

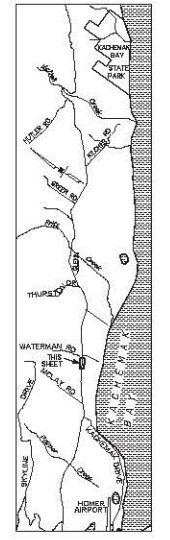


CURVE 6
 PI = 87+86.39
 N = 110093.9863
 E = 68631.8292
 $\Delta = 07^{\circ}03'28''$ LT
 R = 3000.00
 T = 185.01
 L = 369.55
 S = 3.4%
 RUNOUT = 48'
 RUNOFF = 82'
 % RUNOFF = 80%
 PC = 86+01.38

SHEET NO.	TOTAL SHEETS
F6	F17
STATE	YEAR
ALASKA	2013
PROJECT DESIGNATION	
0414(13)/53164	
ADDENDUM NO.	

ATTACHMENT NO.

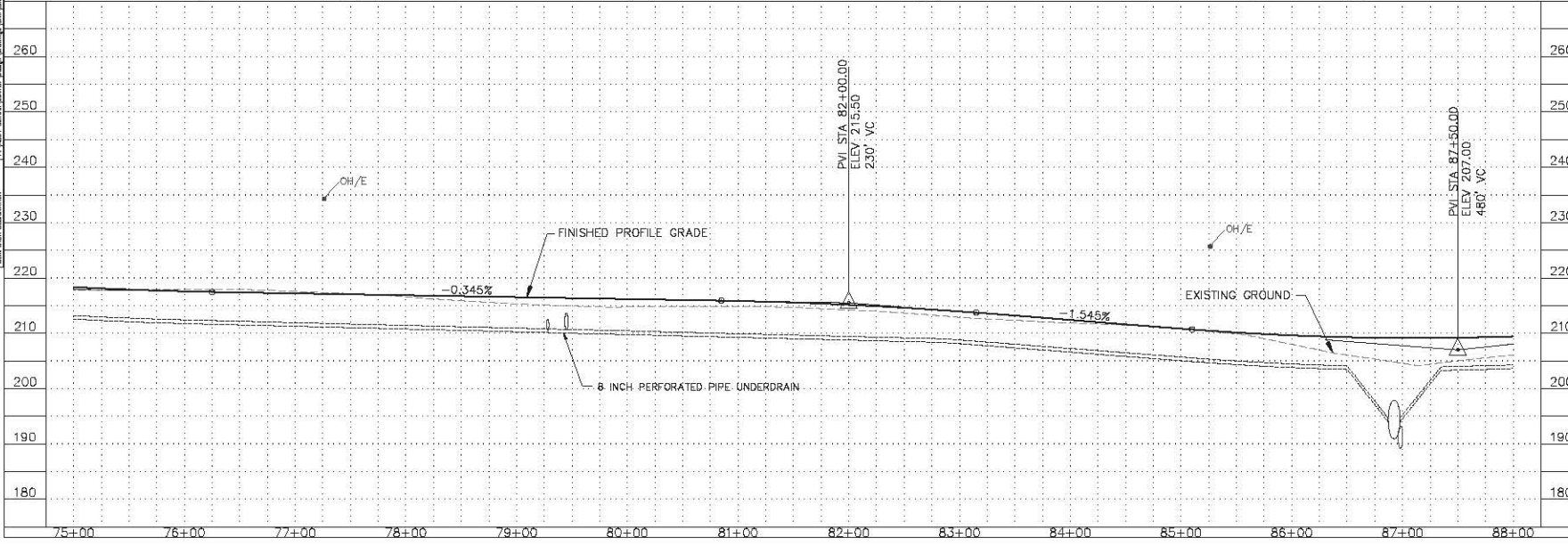
REVISIONS		
NO.	DATE	DESCRIPTION

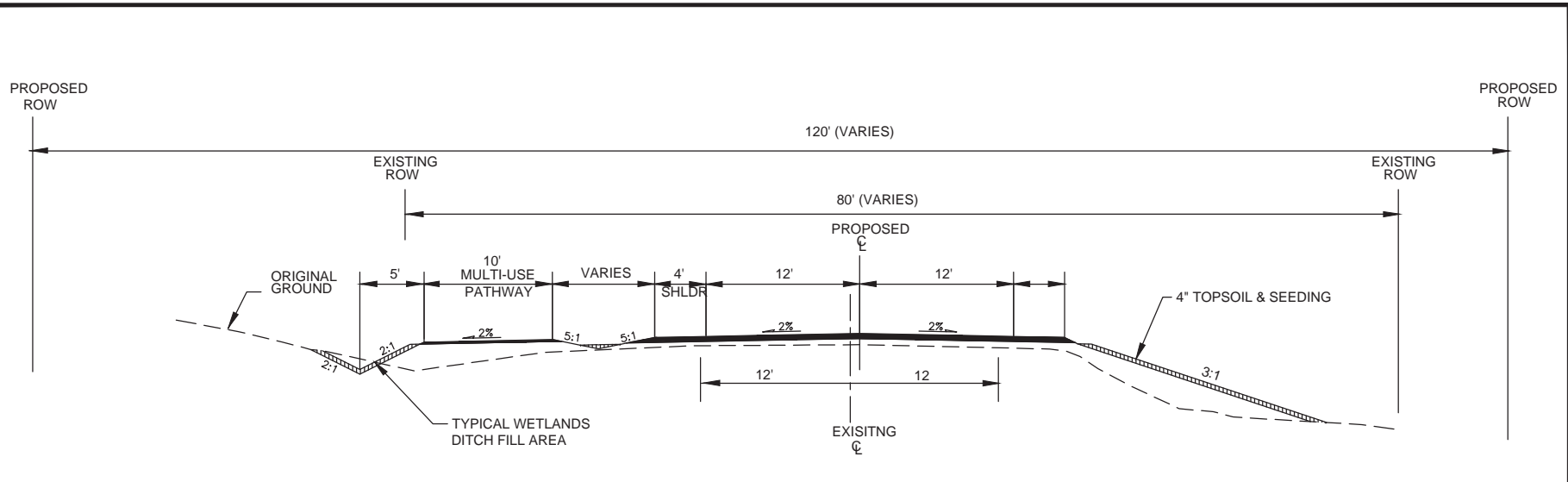


PLANS DEVELOPED BY: WHPacific

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 HOMER: EAST END ROAD, MP
 3.75-5.5, KACHEMAK DRIVE
 TO WATERMAN ROAD
 REHABILITATION

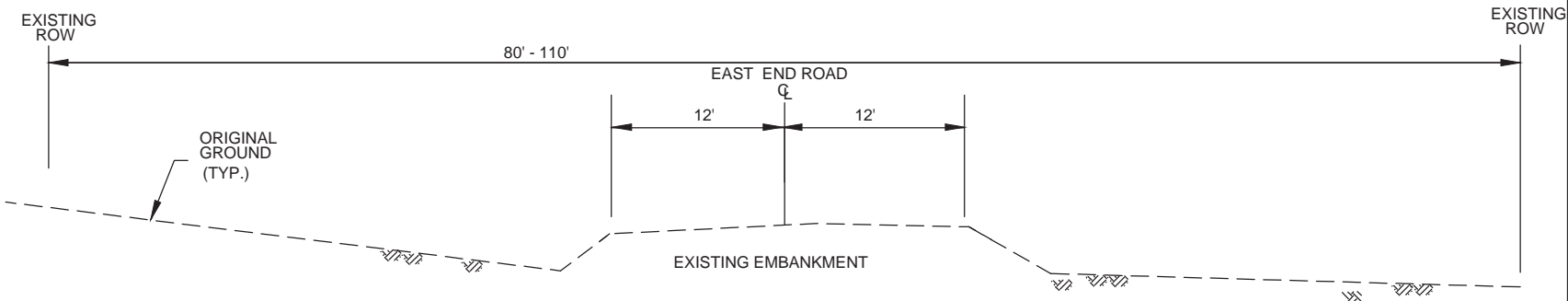
PLAN AND PROFILE
 STA 75+00 TO STA 88+00





TYPICAL SECTION PROPOSED ROAD WITH PATHWAY

NTS

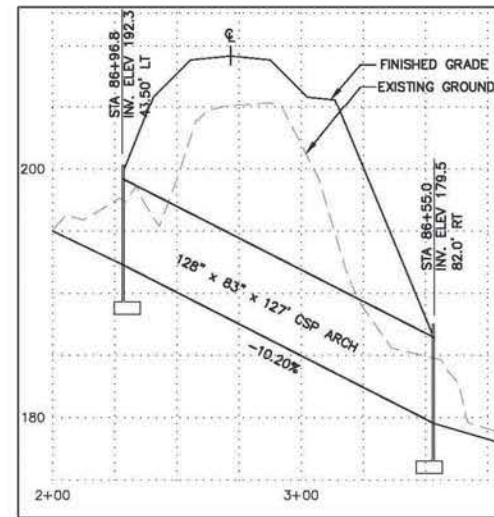
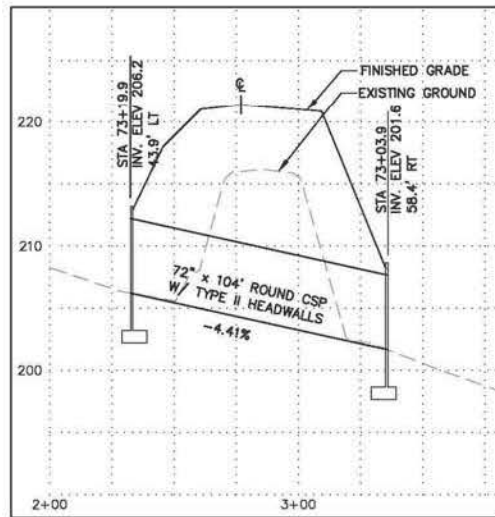
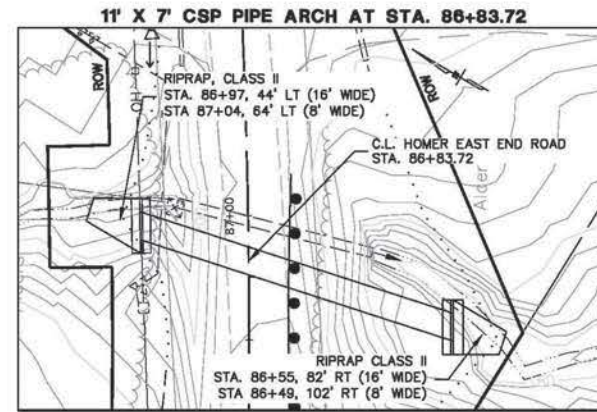
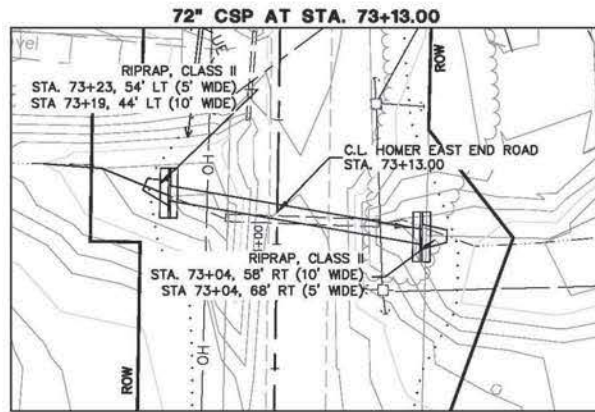


TYPICAL SECTION EXISTING ROAD

NTS

ACOE PERMIT#
 ADOT/PF PROJECT # 53614
 HOMER EAST END RD MP 3.75-5.5 REHABILITATION
 LOCATION: T6S R13W SECS. 1,11, & 12, S.M
 USGS SELDOVIA C-4
 LAT 59.669°; LONG -151.441°
 DATE: 07/15/13
WATER BODY: KACHEMAK BAY
TYPICAL SECTIONS

REVISIONS			STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
No.	DATE	DESCRIPTION	ALASKA	0414(13)/53164	2013	E8	E9



DRAINAGE AREA	0.26	SQ. MILES
OVERTOPPING FLOOD DISCHARGE	6045	CFS
OVERTOPPING WATER SURFACE ELEVATION	221.4	FT
DESIGN DISCHARGE (Q ₁₀)	64	CFS
DESIGN HEADWATER ELEVATION	208	FT
ANTICIPATED ADDITIONAL HEADWATER	0	FT

DRAINAGE AREA	0.24	SQ. MILES
OVERTOPPING FLOOD DISCHARGE	1048	CFS
OVERTOPPING WATER SURFACE ELEVATION	209.2	FT
DESIGN DISCHARGE (Q ₁₀)	51	CFS
DESIGN HEADWATER ELEVATION	194	FT
ANTICIPATED ADDITIONAL HEADWATER	0	FT

Sheet 3 of 4

HOMER EAST END RD MP 3.75-5.5
REHABILITATION
LOCATION: T6S R13W SECS. 1, 11, & 12, S.M
USGS SELDOVIA C-4
DATE: 07/15/13
WATER BODY: KACHEMAK BAY
TYPICAL CULVERT SECTIONS

Figure 3