

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge the project as constructed.
 PE *[Signature]* Date 08/13/2015

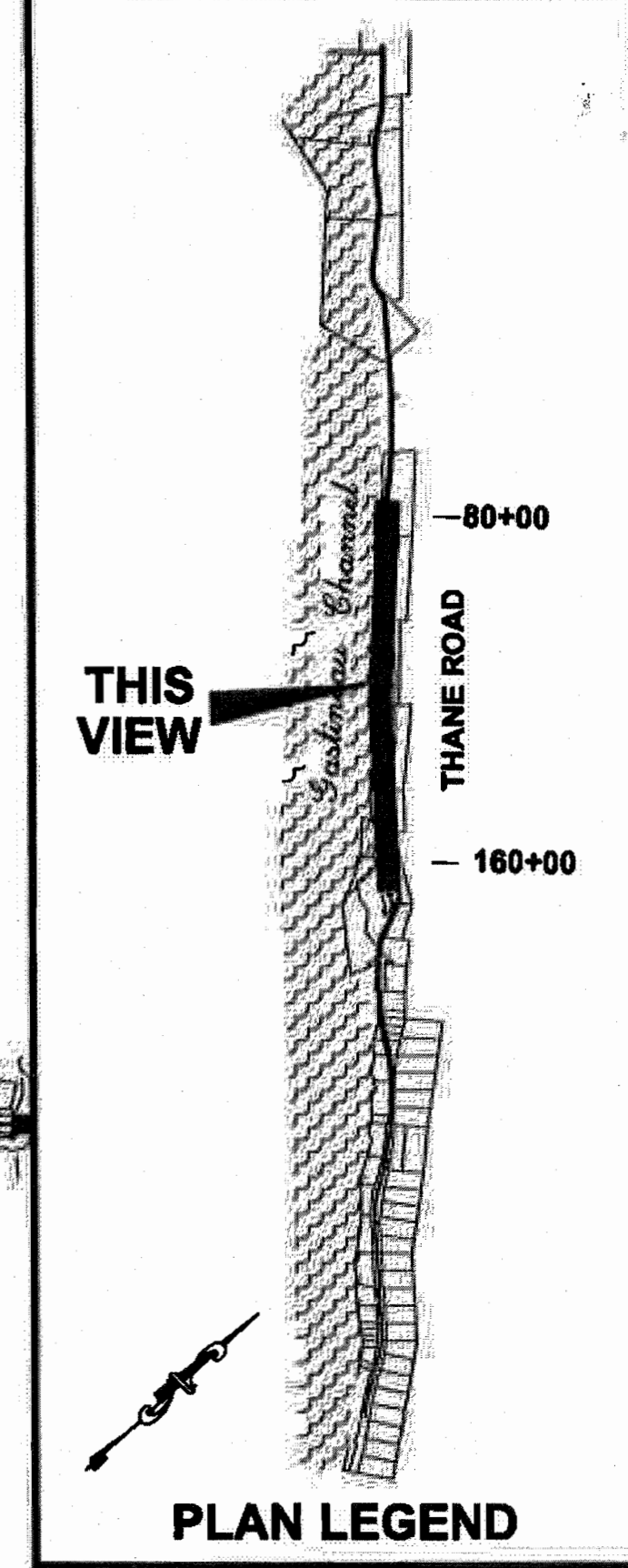
PATH: I:\TRAFFIC\91P\2014 (FFY15)\188N1
 THANE ROAD
 GUARDRAIL AT ASR A2 EAGLE NEST
 LOCATION DRAWING (001)
 DATE: Monday, August 10, 2015 7:53:56 AM
 TAB: A2

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



CHECKED BY: D. EPSTEIN

DESIGNED BY: D. EPSTEIN

DRAWN BY: D. STEVENS

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHCOAST REGION

JNU-THANE ROAD
 GUARDRAIL

**EAGLE NEST
 LOCATION**

PROJECT DESIGNATION

67430/0963004

STATE	YEAR
ALASKA	2015

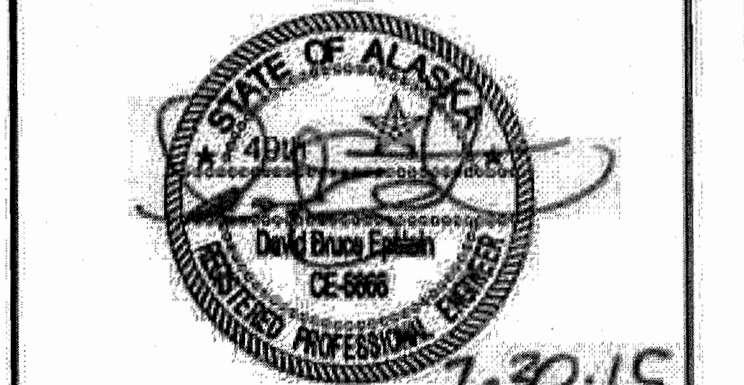
SHEET NUMBER	TOTAL SHEETS
A2	7

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

JNU-THANE ROAD
 GUARDRAIL
 PROJECT #67430~0963004
 GUARDRAIL TYPICAL SECTION
 AND DETAILS

DESIGNED BY: D. EPSTEIN



CHECKED BY: D. EPSTEIN
 DRAWN BY: D. STEVENS

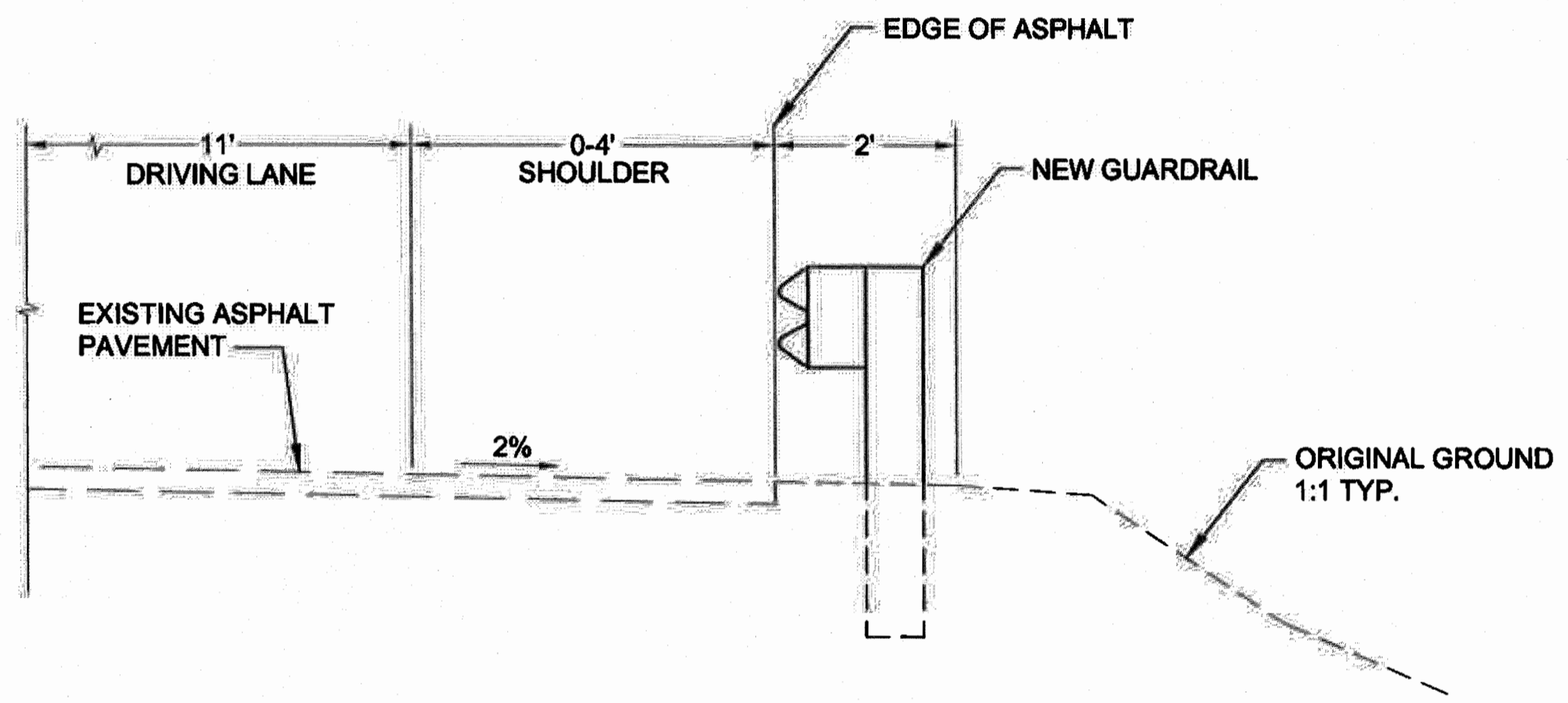
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHCOAST REGION

JNU-THANE ROAD
 GUARDRAIL

GUARDRAIL
 TYPICAL SECTION
 AND DETAILS

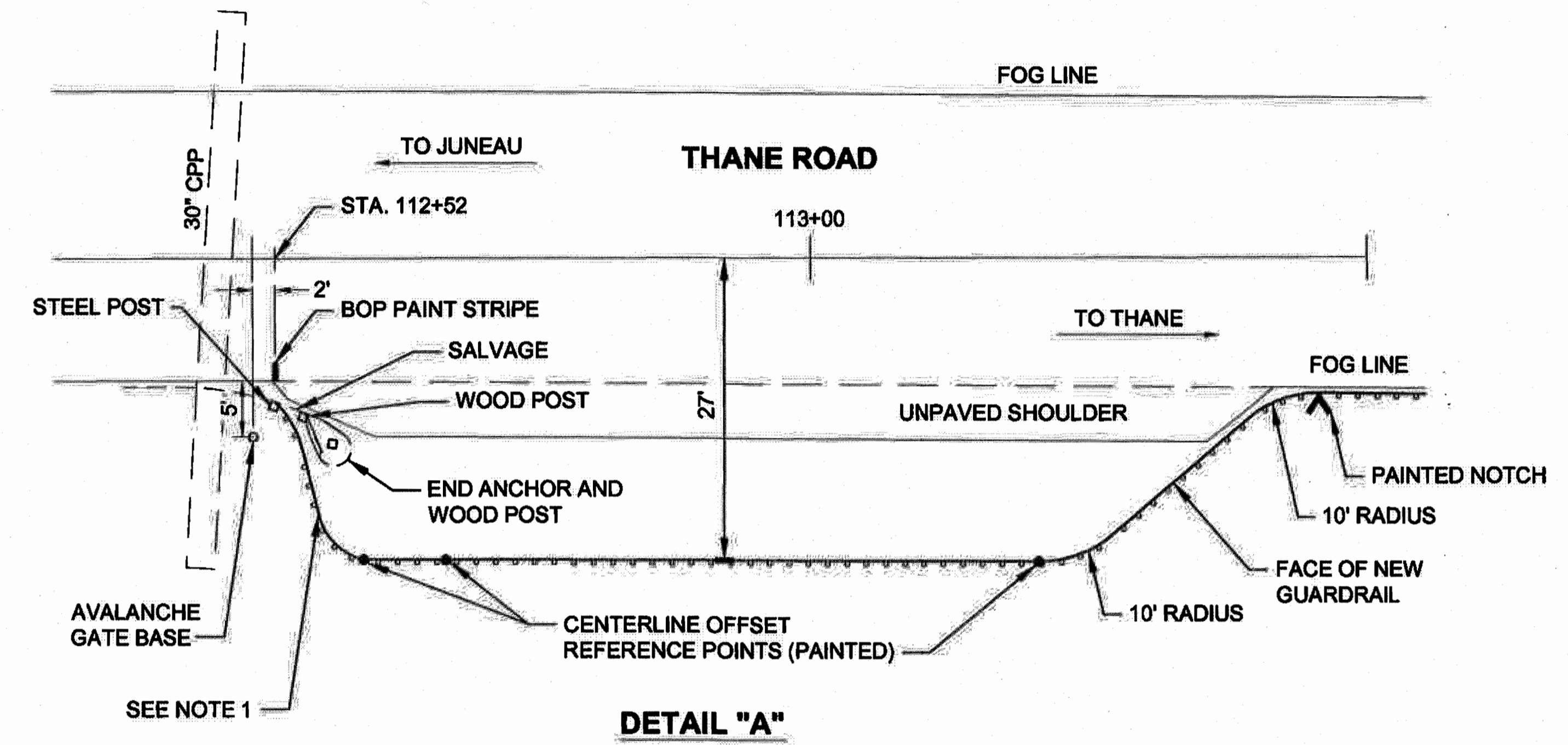
PROJECT DESIGNATION NUMBER
 67430~0963004

STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
B1	7

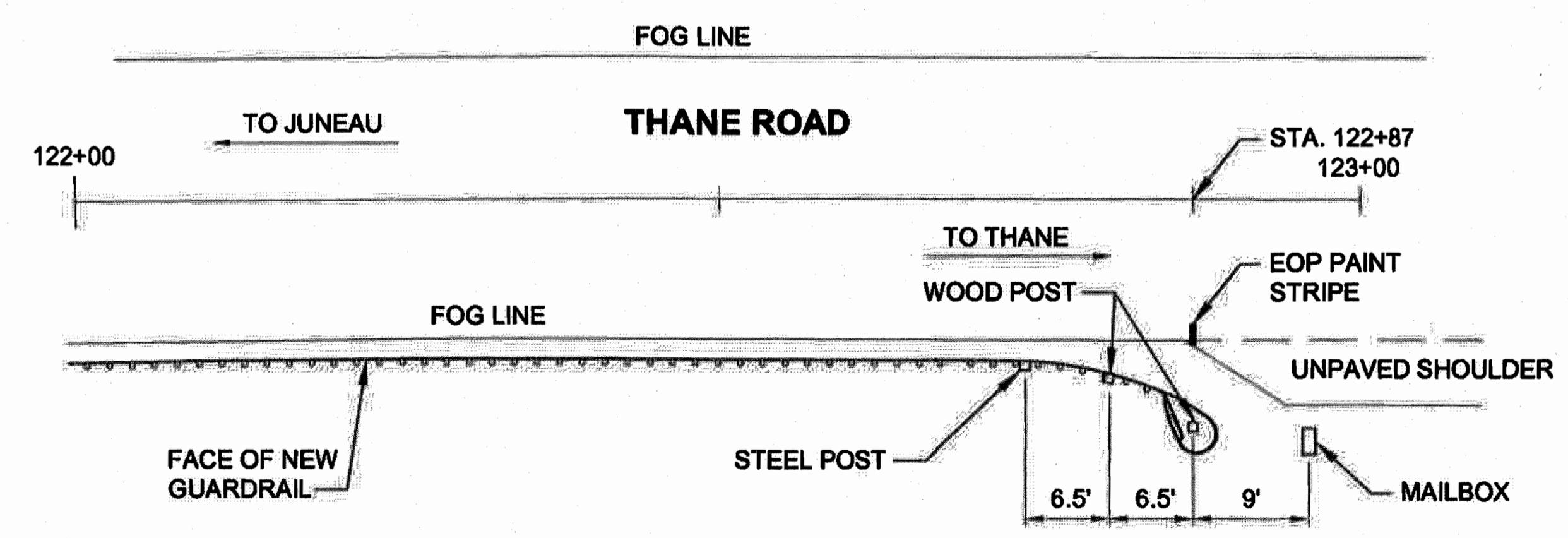


TYPICAL SECTION
 STA. 113+55 RT TO STA. 122+87 RT

- NOTES:**
1. INSTALL PER STANDARD DRAWINGS.
 2. FACE OF GUARDRAIL SHALL BE 2 FT. MIN. FROM TOP OF SLOPE.



- NOTES:**
1. FABRICATE RAIL FROM BOP TO BACK OF PULLOUT FIRST PAINTED REFERENCE DOT WITH RADIUS TO FIT AS NEEDED.
 2. PLACE AND COMPACT D-1 AT DIRECTION OF ENGINEER.



DETAIL "B"

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge the project as constructed.
 PE: *D. Epstein* Date: 06/12/2015

PATH: I:\TRAFFIC\BIP2014 (FFY15)\150N1 THANE ROAD GUARDRAIL\150N1_C1.DWG

TAB: C1

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

JNU-THANE ROAD GUARDRAIL PROJECT #67430/0963004
ESTIMATE OF QUANTITIES AND SUMMARIES

BASIC BID - ESTIMATE OF QUANTITIES			
ITEM NUMBER	ITEM DESCRIPTION	PAY UNIT	QUANTITY
301 (1)	AGGREGATE BASE COURSE, GRADING D1	TONS	45-12.49
606 (1)	W-BEAM GUARDRAIL	LINEAR FOOT	-1050 1042.80
606 (6)	REMOVING AND DISPOSING OF GUARDRAIL	LINEAR FOOT	13
640 (1)	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED
641 (1)	EROSION, SEDIMENT AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQUIRED
643 (2)	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED

SUMMARIES				
606 (1) W-BEAM GUARDRAIL				
FROM STATION	TO STATION	OFFSET	LENGTH	REMARKS
112+52	122+87	RT.	1050 FT.	EXTRA LENGTH ACCOMODATES PULLOUT
606 (6) REMOVING AND DISPOSING OF GUARDRAIL				
FROM STATION	TO STATION	OFFSET	LENGTH	REMARKS
112+52	112+65	RT.	13 FT.	EXISTING DOWNSTREAM END ANCHOR. DELIVER TO DOT&PF MAINTENANCE.

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge the project as constructed.
 PE: *David E. Stevens* Date: 08/13/2016

CHECKED BY: D. EPSTEIN

DESIGNED BY: D. EPSTEIN

DRAWN BY: D. STEVENS

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
 SOUTHCOST REGION

JNU-THANE ROAD GUARDRAIL

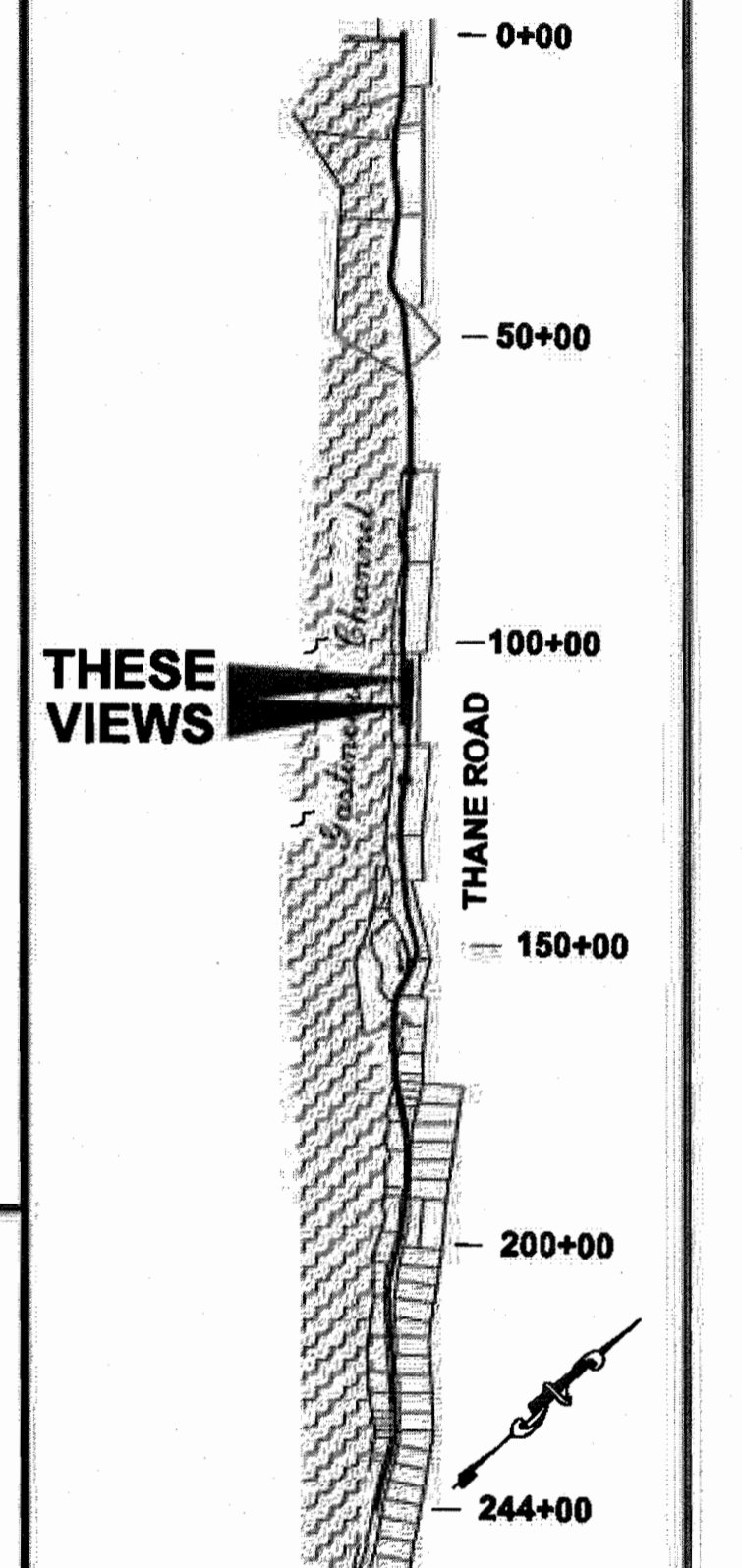
ESTIMATE OF QUANTITIES AND SUMMARIES

PROJECT DESIGNATION
67430/0963004

STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
C1	7

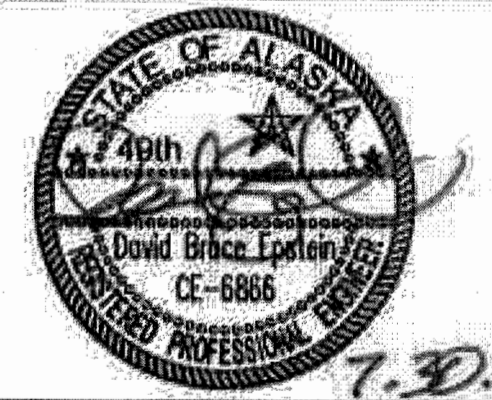
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: D. EPSTEIN



DESIGNED BY: D. EPSTEIN

DRAWN BY: D. STEVENS

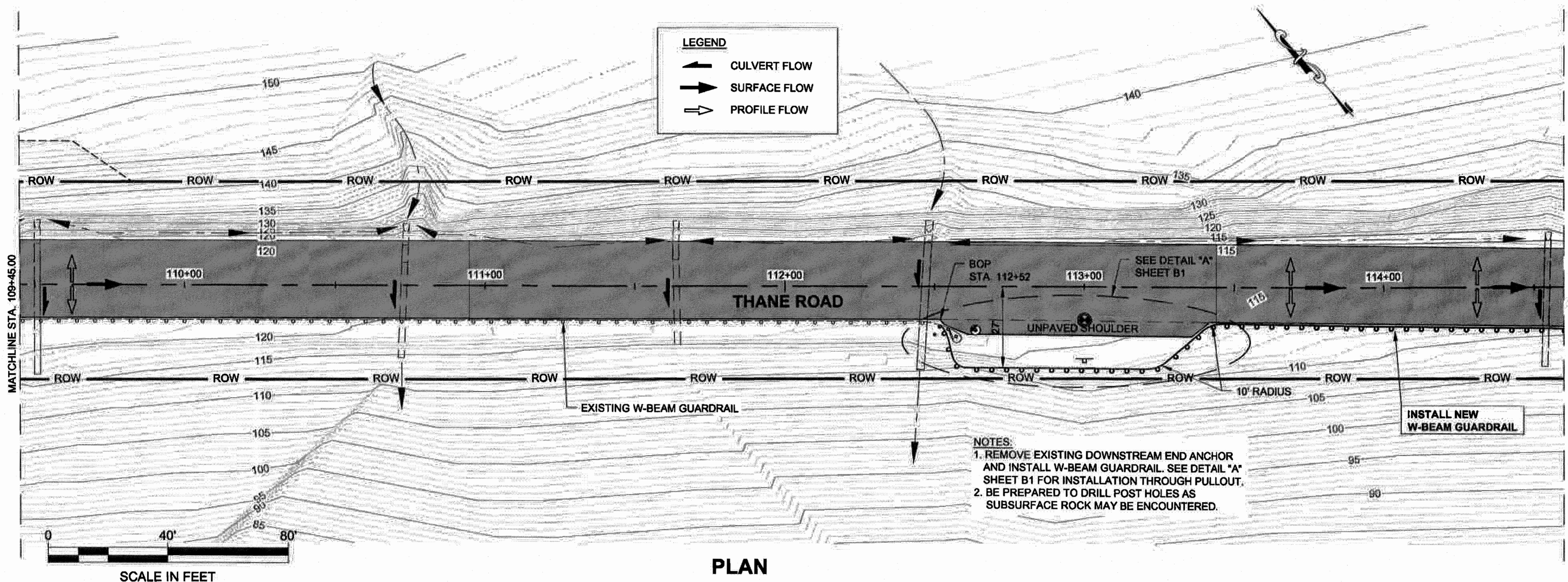
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHCOST REGION
**JNU-THANE ROAD
 GUARDRAIL**

PLAN VIEW

PROJECT DESIGNATION

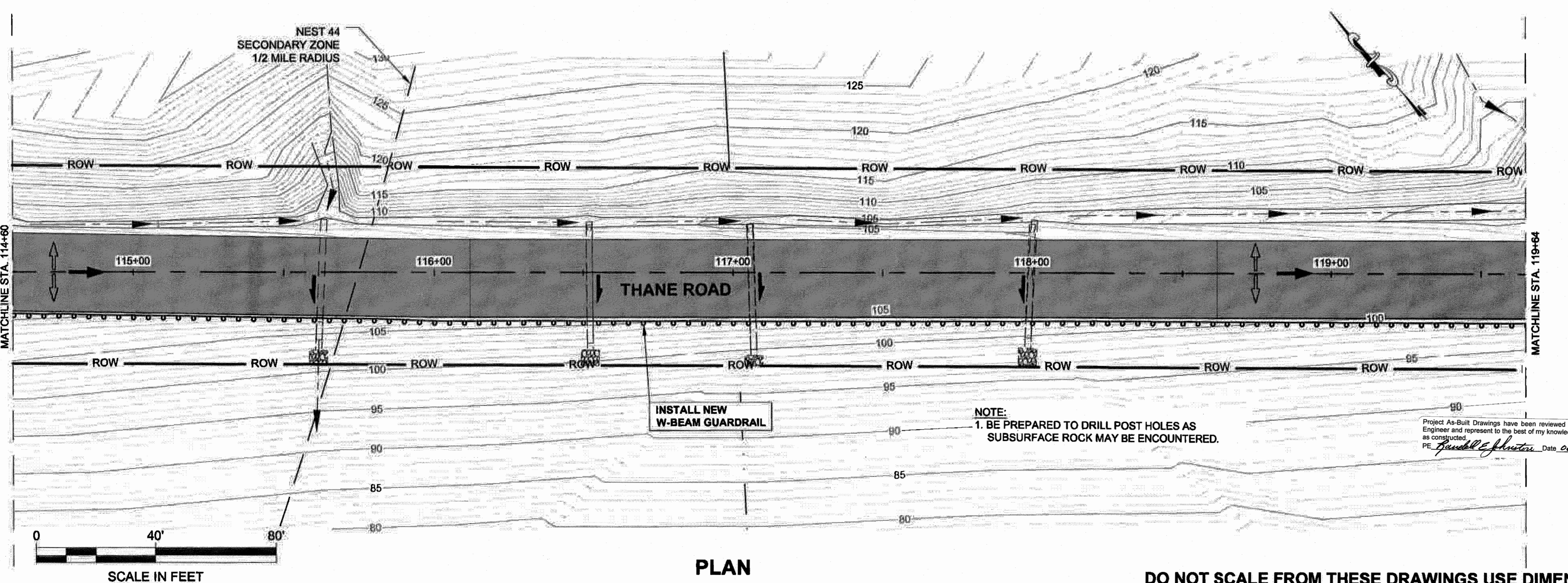
67430/0963004

STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
F1	7



PLAN

NOTES:
 1. REMOVE EXISTING DOWNSTREAM END ANCHOR AND INSTALL W-BEAM GUARDRAIL. SEE DETAIL "A" SHEET B1 FOR INSTALLATION THROUGH PULLOUT.
 2. BE PREPARED TO DRILL POST HOLES AS SUBSURFACE ROCK MAY BE ENCOUNTERED.

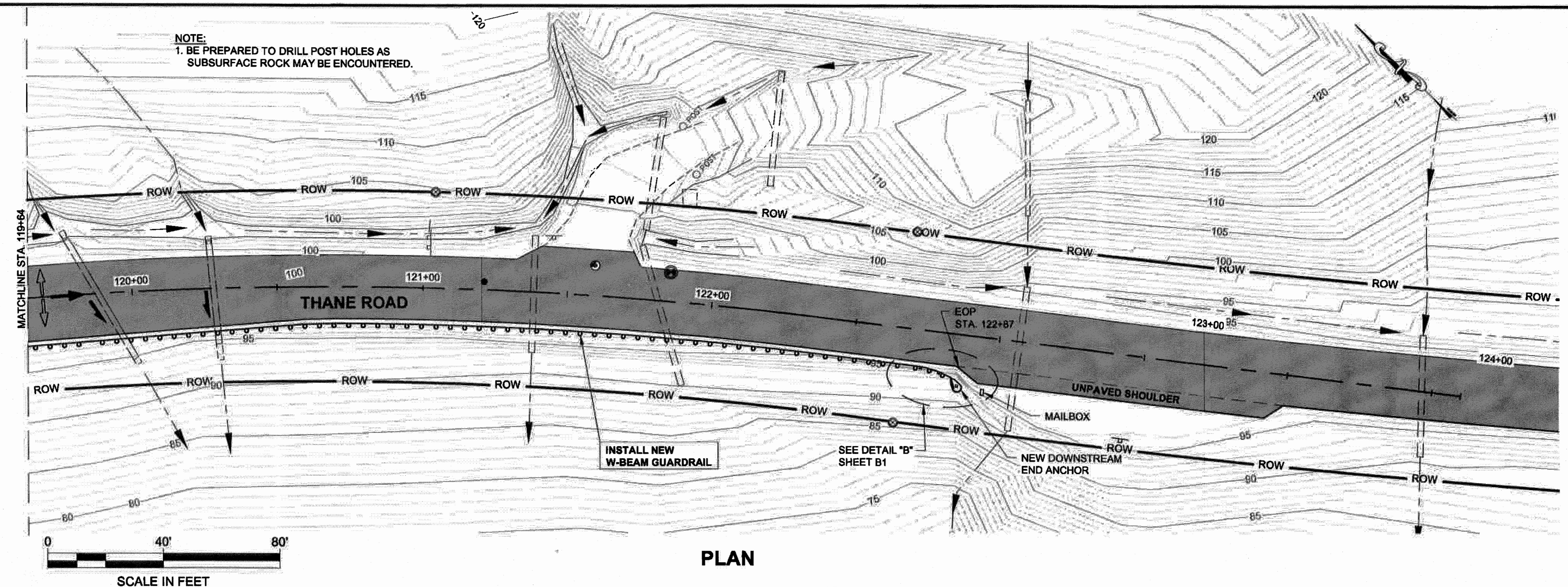


PLAN

NOTE:
 1. BE PREPARED TO DRILL POST HOLES AS SUBSURFACE ROCK MAY BE ENCOUNTERED.

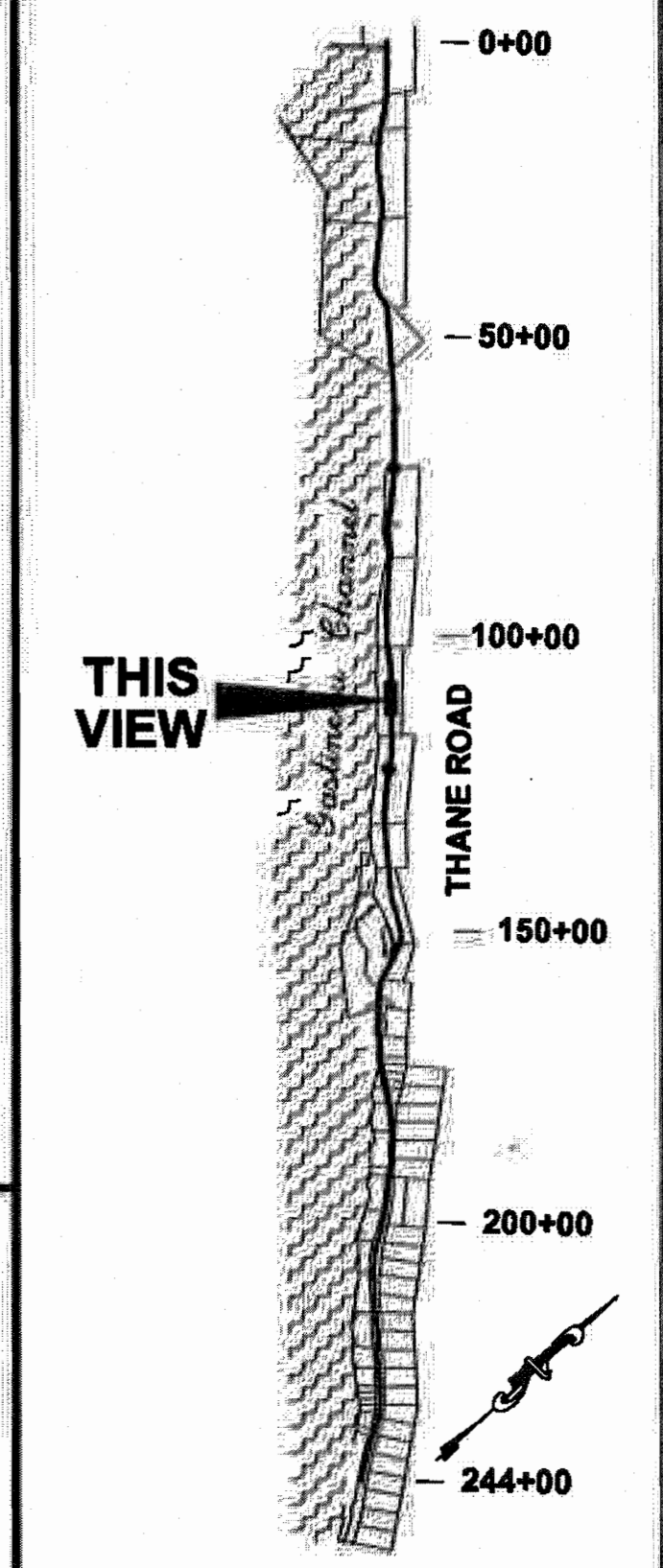
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge the project as constructed.
 PE *David B. Epstein* Date *07/13/2015*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PATH:
I:\TRAFFIC\HSIP\2014 (FFY15)\156N1
THANE ROAD
GUARDRAIL\156N1_F1-F2.DWG
STEVENS, DAVID A (DUI)
TAB: F2 Thursday, July 30, 2015 1:37:19 PM

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



CHECKED BY: D. EPSTEIN

DESIGNED BY: D. EPSTEIN

DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU-THANE ROAD
GUARDRAIL

PROJECT DESIGNATION	
67430/0963004	
STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
F2	7

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge the project as constructed.
PE *David B. Epstein* Date 06/14/2016

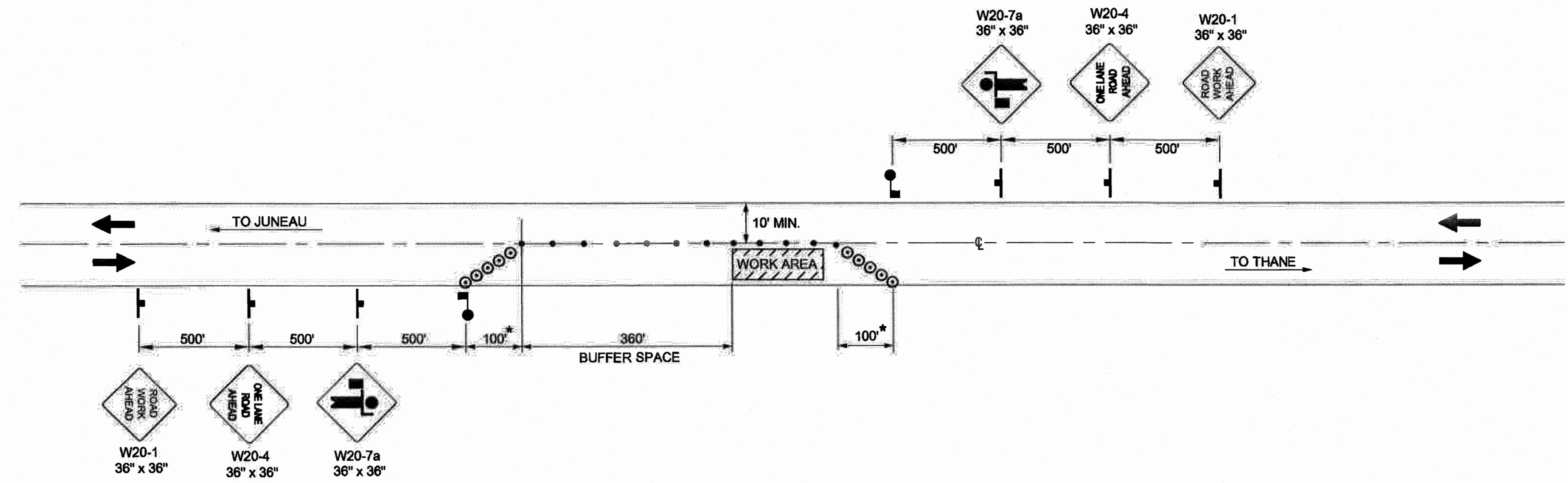
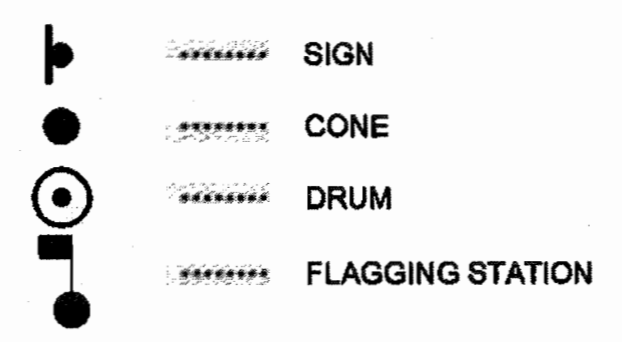
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

TRAFFIC CONTROL NOTES:

1. A MINIMUM OF ONE 10 FOOT LANE SHALL BE MAINTAINED AT ALL TIMES, THROUGH ALL WORK AREAS.
2. TWO LANES SHALL BE MAINTAINED AT ALL TIMES IN NON-WORK AREAS AND DURING NON-WORK HOURS.
3. THE LENGTH OF WORK AREA SHALL BE MINIMIZED TO AVOID EXCESSIVE TRAFFIC DELAYS AS DIRECTED BY THE ENGINEER.
4. IT IS THE INTENT OF THIS TRAFFIC CONTROL PLAN (TCP) TO ILLUSTRATE SOME, NOT ALL, OF THE TRAFFIC CONTROL SETUPS WHICH WILL BE REQUIRED ON THIS PROJECT. ALL TCP'S SHALL BE CREATED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR APPROVAL. WHERE APPROPRIATE, THEY SHALL INCORPORATE APPLICABLE PORTIONS OF DETAILS ON THESE SHEETS. TRAFFIC CONTROL SHALL CONFORM TO THE ALASKA TRAFFIC MANUAL AND THE MUTCD.

LEGEND



**THANE ROAD
RIGHT LANE CLOSURE**

* TAPERS ARE 6 DEVICES EVENLY SPACED

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge the project as constructed.
PE: *[Signature]* Date: 06/15/2016

**JNU-THANE ROAD
GUARDRAIL PROJECT
#67430/0963004**

TRAFFIC CONTROL PLAN

CHECKED BY: D. EPSTEIN

TCP NOT SEALED IN ACCORDANCE WITH ALASKA HIGHWAY PRECONSTRUCTION MANUAL SECTION 1400.3.5 DATED JANUARY 30, 2012

DESIGNED BY: D. EPSTEIN

DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHCOST REGION

JNU-THANE ROAD
GUARDRAIL

TRAFFIC CONTROL PLAN

PROJECT DESIGNATION	
67430/0963004	
STATE	YEAR
ALASKA	2015
SHEET NUMBER	TOTAL SHEETS
T1	7

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS