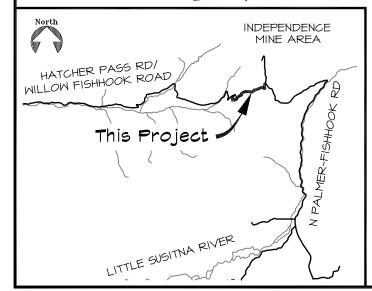


DIVISION OF PARKS AND OUTDOOR RECREATION



In Cooperation with the Department of Transportation & Public Facilities





- TITLE SHEET ESTIMATE OF QUANTITIES, LEGEND, ABBREVIATIONS, AND TABLE OF ESTIMATING FACTORS
- SUMMARY TABLES
- SIGN DETAILS
- SURVEY CONTROL
- PLAN AND PROFILE OVERVIEW I
- PLAN AND PROFILE OVERVIEW 2
- PLAN AND PROFILE OVERVIEW 3
- TYPICAL SECTIONS
 - MONUMENT DETAIL
- HEADWALL DETAIL

- CI4 PLAN AND PROFILE STATION 45+00 TO 5I+00
- CI5 PLAN AND PROFILE STATION 51+00 TO 59+00

C7 PLAN AND PROFILE STATION (BOP) 0+00 TO 3+00
C8 PLAN AND PROFILE STATION 3+00 TO II+00
C9 PLAN AND PROFILE STATION II+00 TO I8+00
CIO PLAN AND PROFILE STATION I8+00 TO 24+00
CII PLAN AND PROFILE STATION 24+00 TO 32+00 CI2 PLAN AND PROFILE STATION 32+00 TO 38+00 CI3 PLAN AND PROFILE STATION 38+00 TO 45+00

CI6 PLAN AND PROFILE STATION 59+00 TO 67+00 CI7 PLAN AND PROFILE STATION 67+00 TO 75+00 CI8 PLAN AND PROFILE STATION 75+00 TO 83+00 CI9 PLAN AND PROFILE STATION 83+00 TO 91+00 C20 PLAN AND PROFILE STATION 91+00 TO 91+00 C21 PLAN AND PROFILE STATION 99+00 TO 106+23 (EOP)

STATE OF ALASKA Department of Natural Resources Division of Parks & Outdoor Recreation Recommended: Rys Miranda Date Chief, Design and Construction Approved: Ben Ellis Date

Director, Alaska State Parks

The following DNR standard drawings apply to this project: 5-15, 5-16

The following D.O.T.(Highways) standard drawings apply to this project: D-OI.02, D-O4.21, D-30.01, D-07.00, S-00.11, S-05.01, S-30.03, S-31.01, H27, H28

ALASKA

OF

PROPOSED		
	EDGE OF AC PAVEMENT	
2000 10 10 10 10 10 10 10 10 10 10 10 10	EDGE OF PCC PAVEMENT	
	EDGE OF VEGETATION	
	EDGE OF WATER	
100	MAJOR CONTOUR LINE	
	MINOR CONTOUR LINE	
	EDGE OF GRAVEL ROAD/PARKING	
<u> </u>	CULVERT	
	SURVEY CONTROL MONUMENT	
	BARRIER ROCK	
4	SIGN	
333	RIPRAP, CLASS III	
	RIPRAP, CLASS IV	

LIMITS OF OUT SLOPE

LIMITS OF FILL SLOPE

LEGEND

1		ABBREVIATIONS	
	Φ	DIAMETER	EXISTING
	ĀĊ	CENTERLINE ASPHALT CONCRETE	
	A.A. Bop E	CONTINGENT SUM BEGINNING OF PROJECT EAST	<u> </u>
	ELEV. EOP	ELEVATION END OF PROJECT	
	INV L.S.	INVERT LUMP SUM	
	LB/LBS MP	POUND/POUNDS MILEPOST	100-
	N NE	NORTH NORTHEAST	
	NO. NW	NUMBER NORTHWEST	
	OHW OHW	ON CENTER ORDINARY HIGH WATER	>
	PCC PVI	PORTLAND CEMENT CONCRETE PROFILE VERTICAL CURVE INTERSECTION	
	REQ'D SE S.F.	REQUIRED SOUTHEAST SQUARE FOOT	
	SRA SN	STATE RECREATIONAL AREA SOUTHWEST	
	SWPPP S.Y.	STORM WATER POLLUTION PREVENTION PLAN SQUARE YARD	
	TYP W	TYPICAL WEST	
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TABLE OF ESTIMATING FACTORS					
ITEM NO.	ITEM DESCRIPTION	EST. FACTOR			
203(6A)	BORROW, TYPE A	145 LB./C.F.			
301(3)	AGGREGATE SURFACE COURSE, GRADING E-I	148 LB./C.F.			
611(2)	RIPRAP, CLASS I	135 LB./C.F.			

ESTIMATE OF QUANTITIES

QUANTITY

410

21,000

9,000

1,043

110

350

300

250 134.50

ALL REQ'D

ALL REO'D

ALL REQ'D

ALL REQ'D

50

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150

L.F.

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L.F.

L.F.

TON

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L.S.

L.S.

C.S.

C.S.

L.S.

HOUR

L.S.

C.S.

C.S.

LABOR HOUR

HOUR

EACH

ITEM DESCRIPTION

AGGREGATE SURFACE COURSE, GRADING E-I

MOBILIZATION AND DEMOBILIZATION

EROSION, SEDIMENT, & POLLUTION CONTROL

TRAINING PROGRAM, O TRAINEES/APPRENTICES

HYDRAULIC EXCAVATOR, IIO HP MINIMUM

TEMPORARY EROSION, SEDIMENT, & POLLUTION CONTROL

REMOVAL OF CULVERT PIPE

BORROW, TYPE A

24-INCH CSP

84-INCH CSP

DITCH LINING

RIPRAP, CLASS III

RIPRAP, CLASS IV

STANDARD SIGN

ADMINISTRATION

CONSTRUCTION SURVEYING

TRAFFIC MAINTENANCE

TRAFFIC CONTROL

SUMMIT MONUMENT

THREE-PERSON SURVEY PARTY

WITHHOLDING

FLAGGING

ITEM NO.

202(4)

203(6)

301(3)

603(1-24)

603(1-84)

610(2)

611(2B)

611(20)

615(1)

640(1)

641(1)

641(2)

641(6)

642(1)

642(3) 643(2)

643(15)

643(25)

645(1)

647(6)

650(35)





PREPARED: JPV
DRAWN: KML
REVIEWED: LMR
DATE: JULY 2014



_	CSP SUMMARY TABLE		
4	STATION	SIZE	LENGTH
1	0+50	84"	79'
1	3+60	24"	54'
	6+75	24"	53'
	11+80	24"	48'
	16+75	24"	50'
	21+40	24"	50'
	26+35	24"	45'
	32+80	24"	44'
1	36+25	24"	53'
	39+50	24"	62'
4	44+50	24"	52'
	49+75	24"	59'
	52+OI	24"	45'
	55+75	24"	38'
	58+50	24"	36'
	65+75	24"	41'
	70+80	24"	33'
	74+50	24"	41'
	85+IO	24"	40'
	90+00	24"	40'
10,	94+15	24"	40'
	97+40	24"	37'
	100+75	24"	38'
	103+15	24"	44'
		84"	IIO'
	TOTAL	24"	1,043'
70, 0			
•			
	▼		

NOTES:

- I. TS DENOTES STEEL TUBE SQUARE.
- 2. P DENOTES STEEL PIPE.
- 3. SEE SITE PLAN FOR APPROXIMATE SIGN LOCATIONS. THE ENGINEER WILL FIELD LOCATE FINAL SIGN LOCATION.



STATE OF ALASKA DEPARTMENT OF

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RESOUR

ATURAL

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9 18-2 /55137

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PREPARED: JPV
DRAWN: KML
REVIEWED: LMR
DATE: JULY 2014



NATURAL

RESOURCES

OF

DEPARTMENT ALASKA OF

STATE

PREPARED: JPY DRAWN: KML REVIEWED: LMR DATE: JULY 2014

(-)4

OF 26 SHEETS

Entering Independence Mine State Historical Park





Independence Mine

State Historical Park

Hatcher Pass

Summit Lake **State Recreation Site**

Willow

MAIN SIGN DESIGNATION: DI-3-3 (MINIMUM)

SIGN I DESIGN CRITERIA:

MAIN SIGN AREA: 235 SE

DESIGN HEIGHT: 15 FEET DESIGN WIDTH: 9.5 FEET DESIGN WIND SPEED: 80 MPH

POST QUANTITY: 2

TOTAL REC. SIGN AREA: 4 S.F.

MAIN SIGN DESIGNATION: I-A (MINIMUM)

POST TYPE/SIZE: 3" STEEL TUBE SQUARE

MAIN SIGN FONT: STANDARD ALPHABET SERIES D & E SIZE 4" & 6"

MAIN SIGN FONT: STANDARD ALPHABET SERIES D & E SIZE 4" & 6"

MAIN SIGN AREA: 45.5 S.F.

DESIGN HEIGHT: 15 FEET

DESIGN WIND SPEED: 80 MPH

POST TYPE/SIZE: 5" STEEL TUBE SQUAR

POST QUANTITY: 2

OGO

Entering Summit Lake State Recreation Site



RL-170

MAIN SIGN FONT: STANDARD ALPHABET SERIES D & E SIZE 4" & 6"

TOTAL REC. SIGN AREA: 4 S.F.

DESIGN WIND SPEED: 80 MPH

POST TYPE/SIZE: 3.5" STEEL TUBE SQUARE

POST QUANTITY: 2

SIGN 6 DESIGN CRITERIA:

MAIN SIGN DESIGNATION: I-A (MINIMUM)

MAIN SIGN AREA: 19.0 S.F.

DESIGN HEIGHT: 15 FEET

DESIGN WIDTH: 9.5 FEET

5. SUBMIT SIGN PROOFS TO THE ENGINEER FOR APPROVAL PRIOR TO FABRICATING SIGNS. 6. CONFORM TO DOT&PF STANDARD DRAWINGS SECTION S - SIGNS AND SIGN SUPPORTS AND DNR STANDARD DRAWING S-16.

4. SIGN SHALL BE FABRICATED FROM RETRO-REFCLECTIVE MATERIAL IN CONFORMANCE

SPECIFICATIONS MANUAL, ALASKA TRAFFIC MANUAL, AND THE 2009 MANUAL ON

3. RL-ITO AND RS-042 SHALL BE MODIFIED WITH RED DIAGONAL I.25" WIDE SLASH

2. SIGNS SHALL BE WHITE ON BROWN EXCEPT FOR ALASKA STATE PARKS LOGO, WHICH IS

UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

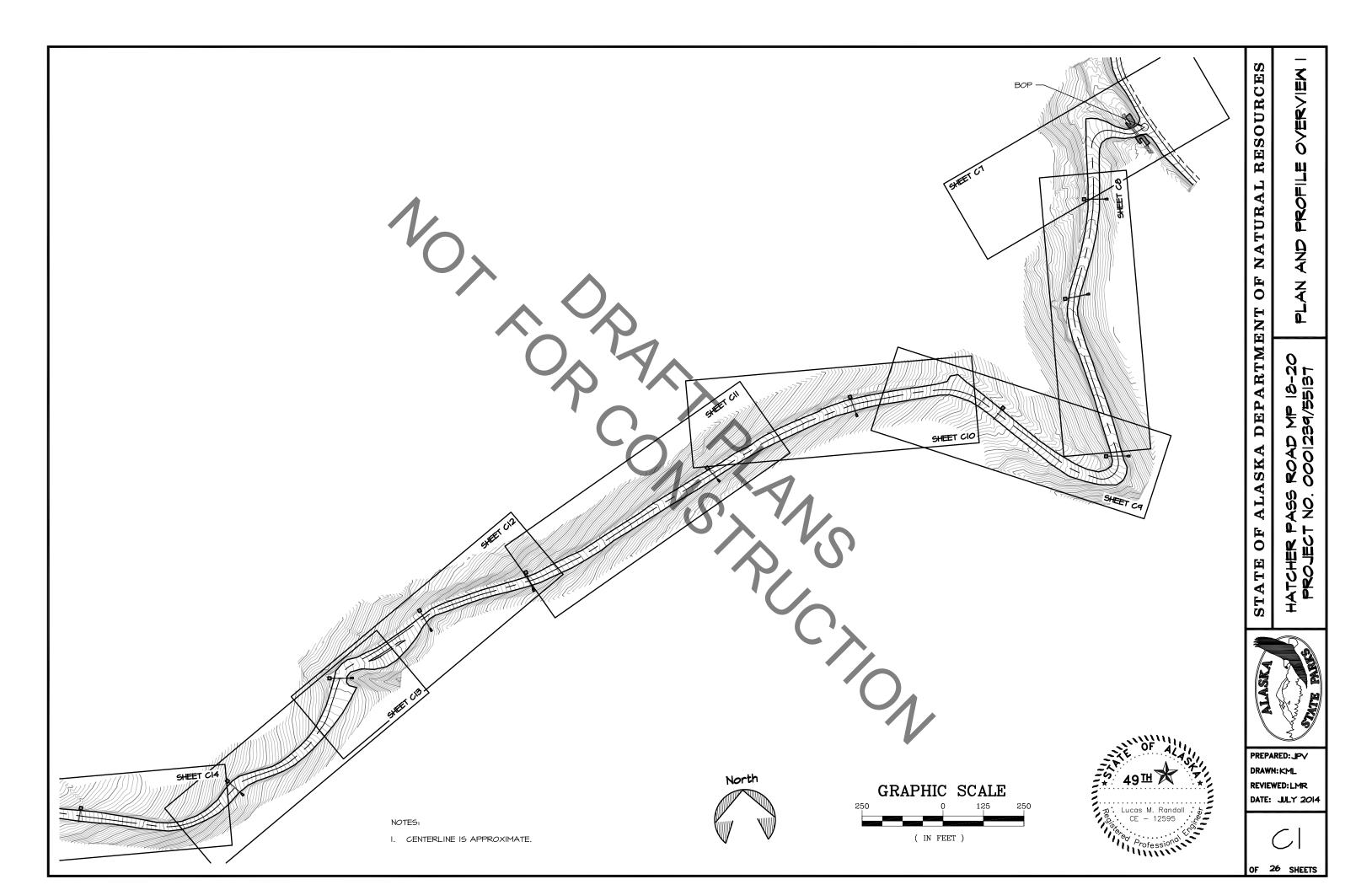
WITH AASHTO M 268.

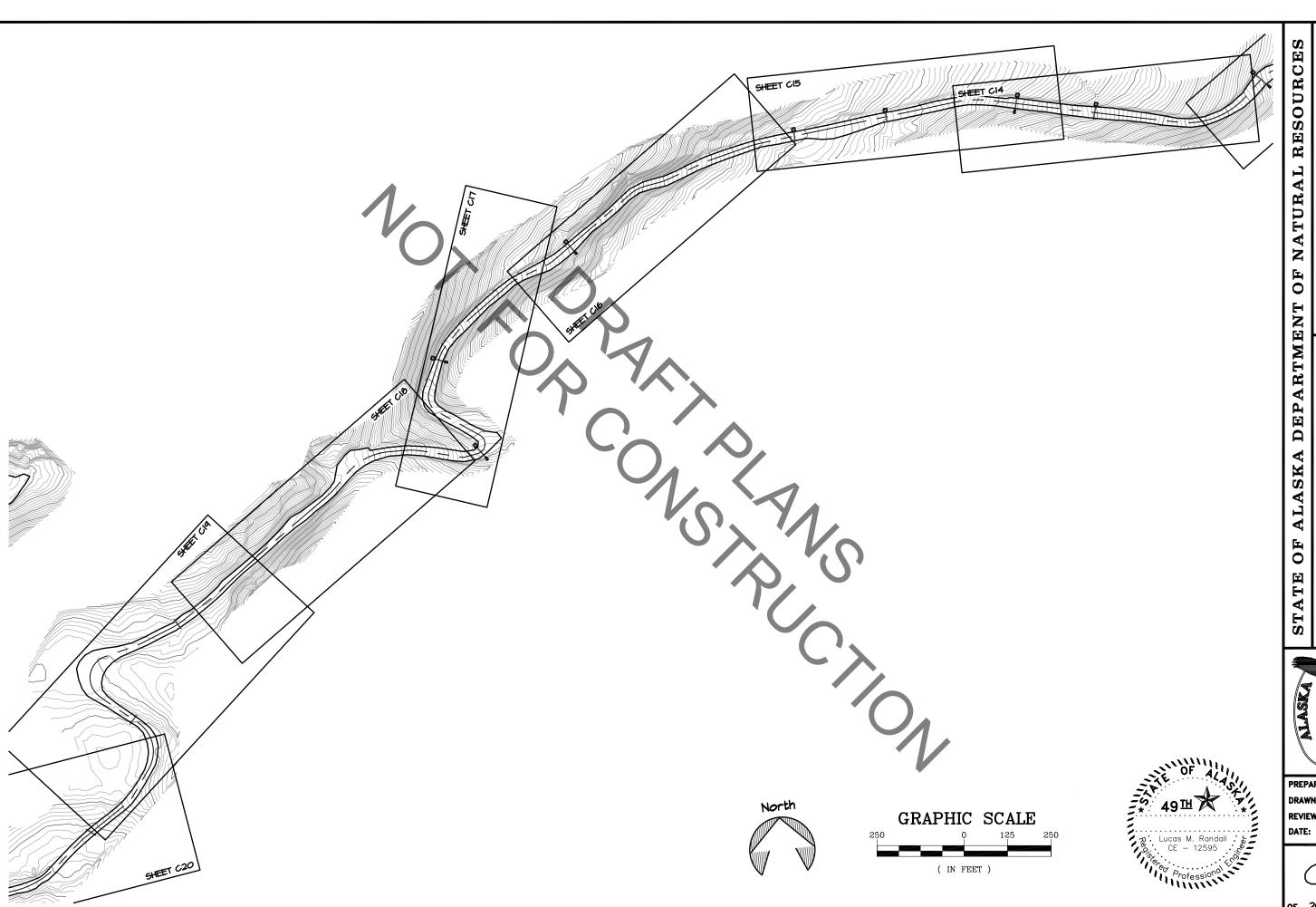
ONSTRUCTED IN ACCORDANCE WITH THE ALASKA SIGN DESIGN

SURVEY CONTROL TO BE PLACED ON THIS SHEET

PREPARED: JPV DRAWN: KML REVIEWED: LMR DATE: JULY 2014







MP 18-20 PLAN AND PROFILE OVERVIEW

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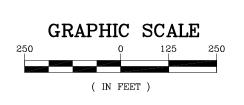
HATCHER PASS ROAD MP 18-20 PROJECT NO. 0001239/55137

NLASKA OTATE PARTS

PREPARED: JPV
DRAWN: KML
REVIEWED: LMR
DATE: JULY 2014









AND U PLAN HATCHER PASS ROAD MP 18-20 PROJECT NO. 0001239/55137

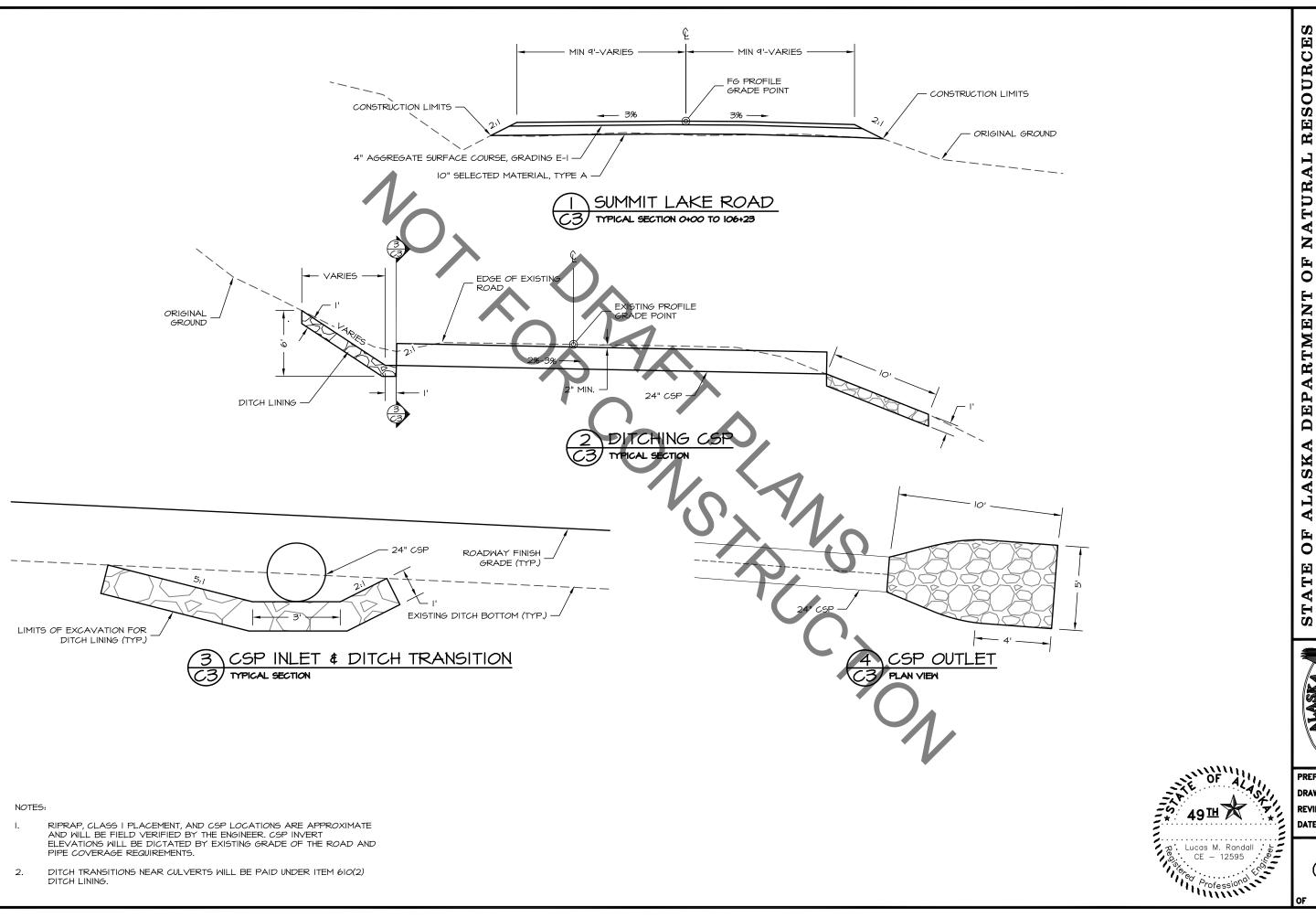
OVERVIEW

PROFILE



PREPARED: JPV DRAWN: KML REVIEWED: LMR DATE: JULY 2014





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MP 18-20

ROAD 000|23

PREPARED: JPV DRAWN: KML REVIEWED: LMR DATE: JULY 2014

OF 26 SHEETS

RIPRAP, CLASS I PLACEMENT, AND CSP LOCATIONS ARE APPROXIMATE AND WILL BE FIELD VERIFIED BY THE ENGINEER. CSP INVERT ELEVATIONS WILL BE DICTATED BY EXISTING GRADE OF THE ROAD AND PIPE COVERAGE REQUIREMENTS.

DITCH TRANSITIONS NEAR CULVERTS WILL BE PAID UNDER ITEM 610(2)

TIMENT OF NATORAL RESOLUTION OF THE SOLUTION O

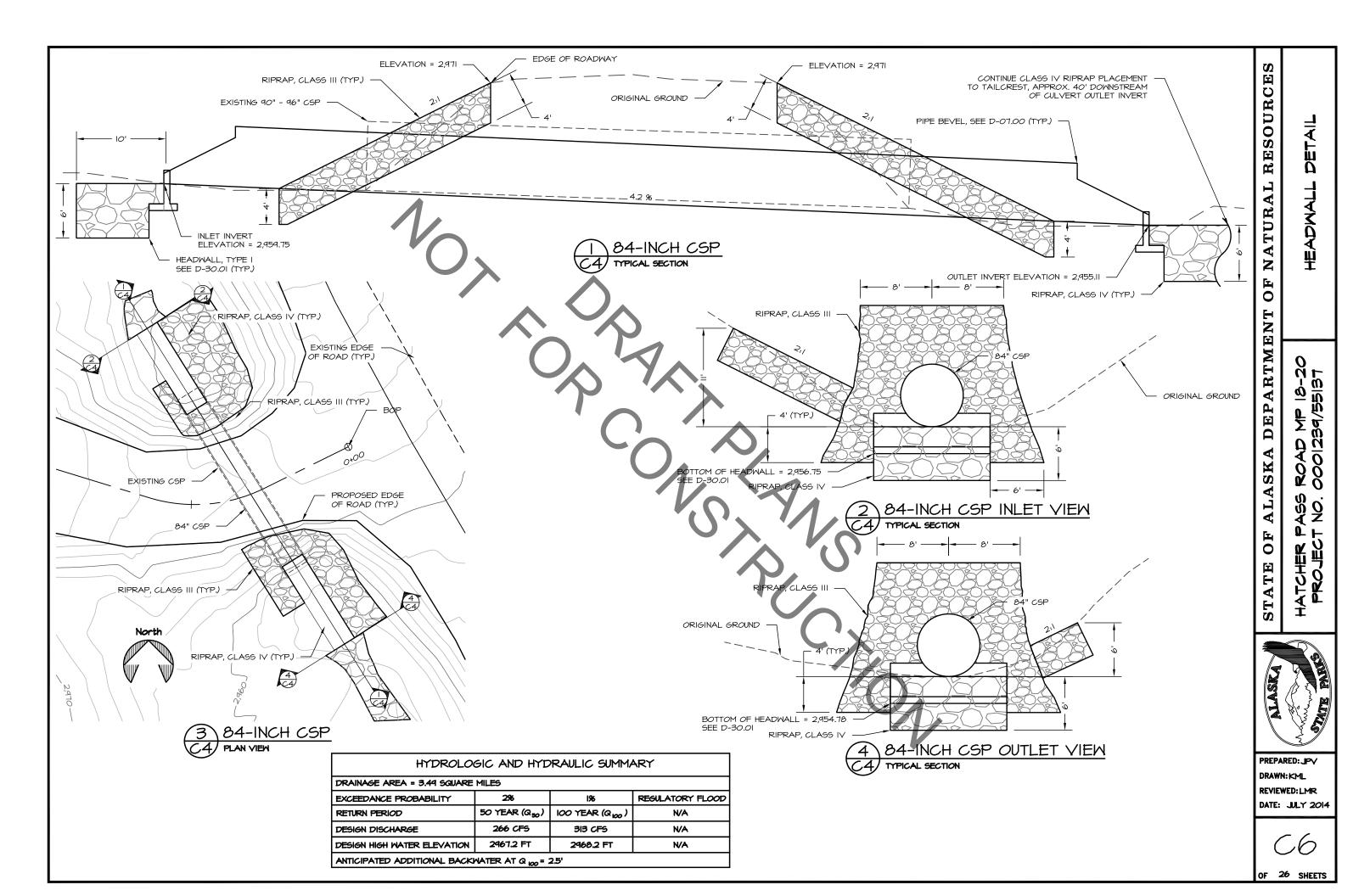
DETAIL

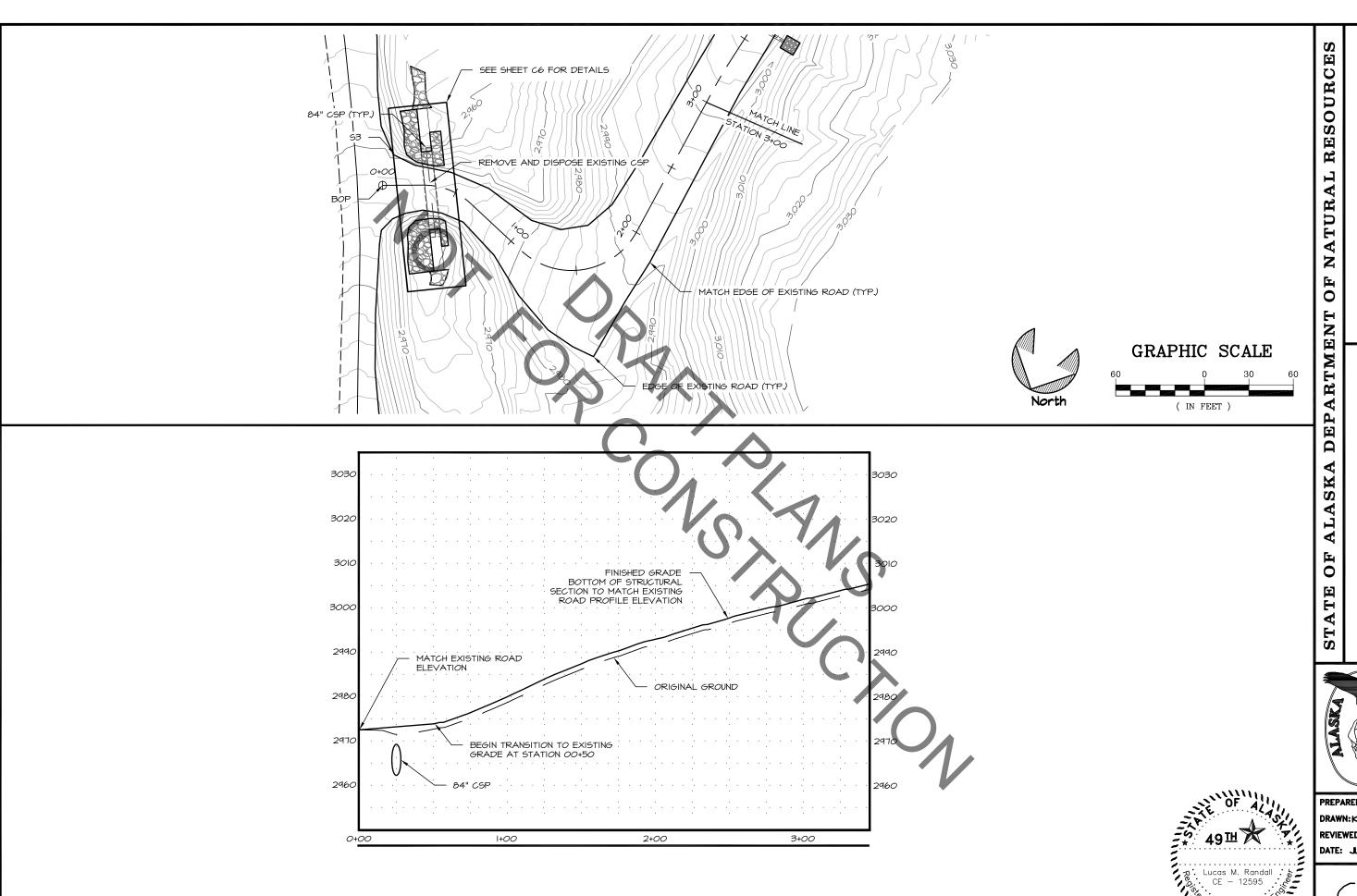
MONOMENT

HATCHER PASS ROAD MP 18-20 PROJECT NO. 0001239/55137



PREPARED:LMR
DRAWN:KML
REVIEWED:LMR
DATE: JULY 2014





PROFILE 2+00 TO ! STATION

239/55137 ROAD 000|23 TATOTER

PREPARED: JPV DRAWN:KML REVIEWED: LMR DATE: JULY 2014



