

Talkeetna

Palmer

Anchorage

Soldotna

Seward

	0001(473)/	33730	2013	PLAN SET TOTAL	6
ROUTE: 1	10000	MILEPO	INT: 0.	0 - 138.0	
ROUTE: 1	10300	MILEPO:	INT: 0.	0 - 22.0	
ROUTE: 1	15400	MILEPO:	INT: 0.	0 - 22.0	
ROUTE: 1	17300	MILEPO:	INT: 0.	0 - 17.0	
ROUTE: 1	17600	MILEPO	INT: 0.	0 - 39.0	
ROUTE: 1	17790	MILEPO:	INT: 0.	0 - 3.3	
ROUTE: 13	30000	MILEPO	INT: 0.	0 - 120.0	
ROUTE: 13	32000	MILEPO	INT: 0.	0 - 18.0	
ROUTE: 13	33100	MILEPO	INT: 0.	0 - 4.0	
ROUTE: 13	33308	MILEPO	INT: O.	0 - 2.5	
ROUTE: 13	33500	MILEPO	INT: 0.	0 - 3.9	
ROUTE: 13	33710	MILEPO	INT: O.	0 - 4.2	
ROUTE: 13	33723	MILEPO	INT: 0.	0 - 2.8	
ROUTE: 13	33724	MILEPO1	INT: 0.	0 - 3.8	
ROUTE: 13	33755	MILEPOI	INT: 0.	0 - 1.5	
ROUTE: 13	33765	MILEPOI	INT: 0.	0 - 3.2	
ROUTE: 13	33800	MILEPO1	NT: 0.	0 - 3.7	
ROUTE: 13	34300	MILEP01	NT: 0.	0 - 7.6	
ROUTE: 13	35000	MILEPOI	NT: 0.	0 - 110.0	
ROUTE: 13	36000	MILEPOI	NT: 0.	0 - 18.4	
ROUTE: 13	36035	MILEPOI	NT: 0.	0 - 11.2	
ROUTE: 13	37000	MILEPOI	NT: 0.	0 - 17.2	
ROUTE: 13	37700	MILEPOI	NT: 0.	0 - 31.3	
ROUTE: 17	70000	MILEPOI	NT: 0.	0 - 128.0	
ROUTE: 17	70044	MILEPOI	NT: 0.	0 - 20.0	
ROUTE: 17	70047	MILEPOI	NT: 0.	0 - 10.5	
ROUTE: 17	70073	MILEPOI	NT: 0.	0 - 9.1	
ROUTE: 17	70088	MILEPOI	NT: 0.	0 - 6.1	
ROUTE: 17	70700	MILEPOI	NT: 0.	0 - 7.4	
ROUTE: 17	1000	MILEPOI	NT: 0.	0 - 14.4	

PROJECT DESIGNATION

ALASKA 0001 (475) / 55750 2013 | 11 ALASKA | 2013 | 11 ALASKA | 2013 | 12 ALASKA | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 2013 | 201

Α1







APPROVED:

REVISIONS

DESCRIPTION

NO. DATE

A.A.D.T. DESIGN

SPEED

VARIES

VARIES | VARIES | VARIES | 138 MI

VARIES | VARIES | VARIES | 22 MI

VARIES VARIES

VARIES VARIES

VARIES VARIES 121 MI

VARIES VARIES VARIES 18 MI

VARIES VARIES 3.7 MI VARIES VARIES VARIES 2.5 MI

VARIES VARIES 3.9 MI

VARIES | VARIES | VARIES | 2.8 MI

VARIES VARIES 3.8 MI

VARIES VARIES 1.5 MI

2009

VARIES

WIDTH LENGTH

VARIES

VARIES | VARIES | 3.3 MI

VARIES VARIES 4.2 MI

VARIES VARIES 3.2 M

VARIES VARIES 3.7 MI

VARIES VARIES 7.6 MI

VARIES | VARIES | 110 MI

VARIES VARIES 18 MI

VARIES VARIES 11 MI

VARIES VARIES 17 MI

VARIES VARIES 31 MI

VARIES VARIES 128 MI

VARIES

VARIES VARIES 10.5 M

VARIES VARIES 9.1 MI

VARIES

VARIES VARIES 6.1 MI

VARIES VARIES 7.4 MI

VARIES VARIES 14 MI

CENTRAL REGION **ALASKA** 

PROJECT LOCATION

REGIONAL PRE-CONSTRUCTION ENGINEER CONCUR:

DIRECTOR, DESIGN & CONSTRUCTION

CONSTRUCTION PROJECT MANAGER DATE

DATE

OLD GLENN @ PALMER

PALMER-FISHHOOK ROAD

WILLOW FISHHOOK ROAD

WASILLA/FISHHOOK ROAD

SELDON ROAD \* MAT-SU

BOGARD ROAD \* WASILLA

BIG LAKE ROAD \* HOUSTON

DE ARMOUN ROAD \* ANCHORAGE

O'MALLEY ROAD \* ANCHORAGE

BIRCH ROAD \* ANCHORAGE

ABBOTT ROAD \* ANCHORAGE

RASPBERRY ROAD \* ANCHORAGE NTL AIRPORT ROAD \* ANCHORAGE

MINNESOTA DRIVE \* ANCHORAGE

(ALIFORNSKY BEACH ROAD \*

KENAI SPUR HIGHWAY

FUNNY RIVER ROAD \* SOLDOTNA

BRIDGE ACCESS ROAD \* KENA

RABBIT CREEK ROAD

HILLSIDE DRIVE

SAND LAKE ROAD

KNIK-GOOSE BAY ROAD \* WASILLA

GLENN HIGHWAY

SEWARD HIGHWAY

HOPE ROAD \* HOPE

EAST END ROAD \* HOMER

KNIK RIVER ROAD

ects/regional\55750 - HSIP CR Guardrail Delineation Enhancements\Civ3D12\Planset\Ai & AZ_IIILE_SHEETS7\planset\Ai \text{A}	ts\regional\55750 - HSIP CR Guardrail Delineation Enhancements\Civ3D12\Planset\A1 & AZ_TITLE_SHETS7#W6/2013 11:34 AM A2 P A2 P A2 A2 A2 A2 A A2 A A2 A A2	ts\regional\55750 - HSIP CR Guardrail Delineation Enhancements\Civ3D12\Planset\A1 & A2_TITLE_SHETSTØM@/2013 11:34 AM A2 NA A2 NA X NA X NA X NA X NA	IG LOCATION	DATE TIME	LAYOUT	SCALE	XREFS	DESIGNED BY LRA	_
LSY/PGIONGIAS/SO - HSIP OK GUARGEOID DELINEGATION ENHANCEMENTS/CIASDIZ/PIGNSET/ALINELS/PREDIZ/VIOLS 11:34 AM   AZ   N/A   N/A   N/A   DRAFTED BY	ESYPEGIONAL (2070) - HSIP CK GUARATALI DELINEGION ENDACEMENTS/LIVADIZ/PIGNSET/AI & AZ. 11LLE.SHELS/RANG/ZOIS 11:34 AM   AZ   N/A   N	ts/regional/35/30 - HSIP CK GUARATAIL Delineation Enhancements/CIVJDIZ/Planset/AI & AZ_IILE_SHEES/ØWG/ZOI3 II:34 AM] AZ JE N/A JE N/A JEANTED BY JEANTED B	· · · · · · · · · · · · · · · · · · ·	the state of the s		.,,	X_Border-Detail	_	-
			ts/regional/33/30 - HSIP CK Guararail Delineation Enhancements/Civ3D12/Planset/Al &	3WG/2013 11:34	AZ	A/N	Y/N	\ \	_

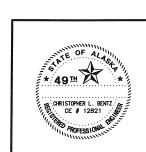
**GENERAL NOTES:** 

 ALL CONSTRUCTION WILL BE CONTAINED WITHIN THE RIGHT-OF-WAY. NO EXCESS MATERIAL SHALL BE DISPOSED OF WITHIN THE RIGHT-OF-WAY, UNLESS SPECIFICALLY CALLED FOR IN THE PLANS OR DIRECTED BY THE ENGINEER.

 THE EXISTING INFORMATION SHOWN IN THE PLANS IS FROM AS-BUILTS AND HAS BEEN PARTIALLY FIELD VERIFIED. FIELD CONDITIONS MAY NOT BE ACCURATELY REPRESENTED AND/OR MAY HAVE CHANGED. ADJUST INSTALLATIONS AS DIRECTED BY THE ENGINEER.

	,	REVISIONS	STATE	PROJECT DESIGNATION		YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	A1 A C1/A	0004/475\/	EE7E0	0017	40	4.7
			ALASKA	0001(475)/	55/50	2013	A2	A3

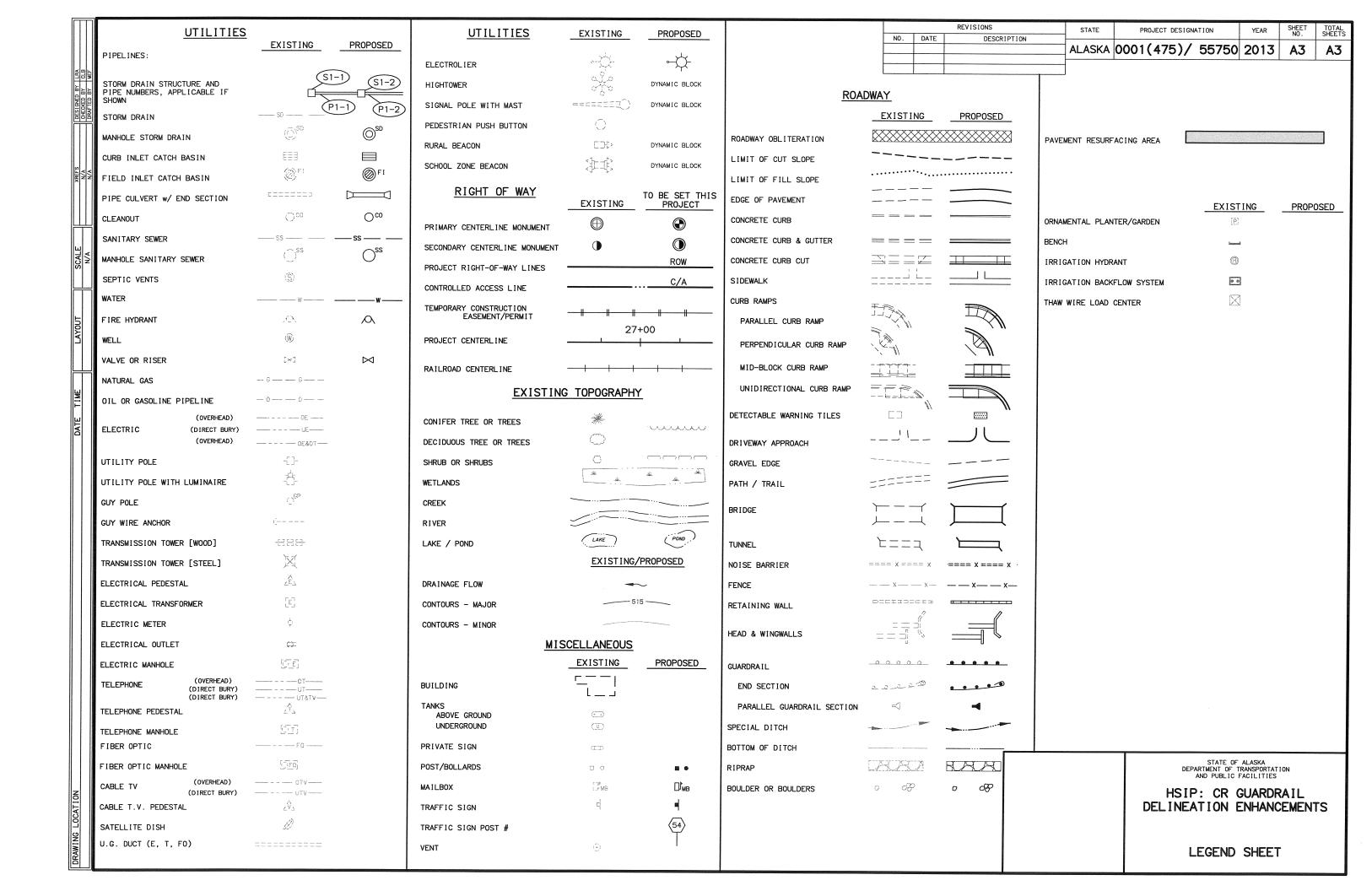
	INDEX				
SHEET NO.	DESCRIPTION				
A1	TITLE SHEET				
A2	INDEX AND GENERAL NOTES				
A3	LEGEND/SYMBOLS				
C1	ESTIMATE OF QUANTITIES				
D1	SUMMARY SHEETS				
E1	DETAIL SHEETS				



STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

HSIP: CR GUARDRAIL
DELINEATION ENHANCEMENTS

INDEX AND GENERAL NOTES



	ESTIMATE OF QUANTITIES					
ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL			
606(19A)	GUARDRAIL REFLECTOR	EACH	21,339			
606(19B)	GUARDRAIL FLEXIBLE DELINEATOR	EACH	13,132			
640(1)	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED			
640(4)	WORKERS MEALS AND LODGING, OR PER DIEM	LUMP SUM	ALL REQUIRED			
643(2)	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED			
643(15)	FLAGGING	HOUR	2,224			
643(23)	TRAFFIC PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED			
643(25)	TRAFFIC CONTROL	CONTINGENT SUM	ALL REQUIRED			
646(1)	CPM SCHEDULING	LUMP SUM	ALL REQUIRED			

		REVISIONS	STATE	PROJECT DESIGN		YEAR	SHEET NO.	TOTA SHEE
NO.	DATE	DESCRIPTION	AL ACICA	0001(475)/		0047		SHEE
			ALASKA	0001(475)/	22/20	2013	CI	Ci



STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

HSIP: CR GUARDRAIL DELINEATION ENHANCEMENTS

ESTIMATE OF QUANTITIES

	REVISIONS		STATE	PROJECT DESIGNA	ATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION						SHEETS
			ALASKA	0001(475)/	55750	2013	D1	D1

606(19A)	GUARDE	RAIL REF	LECTOR
ROADWAY SECTION	BEGIN	END	# GUARDRAIL TAB REFLECTOR
STERLING HIGHWAY	MP 37	MP 179 END OF HOMER SPIT	2883
EAST END ROAD * HOMER	ENTIRE	ROAD	175
KALIFORNSKY BEACH ROAD * SOLDOTNA	ENTIR	E ROAD	54
FUNNY RIVER ROAD * SOLDOTNA	ENTIRE	E ROAD	131
KENAI SPUR HIGHWAY	ENTIRE	E ROAD	429
BRIDGE ACCESS ROAD * KENAI	ENTIRE	ROAD	24
SEWARD HIGHWAY	MP 0	MP 120	8619
HOPE ROAD * HOPE		E ROAD	734
DE ARMOUN ROAD * ANCHORAGE	ENTIRE ROAD		36
BIRCH ROAD * ANCHORAGE	ENTIRE ROAD		46
O'MALLEY ROAD * ANCHORAGE	ENTIRE ROAD		94 106
RABBIT CREEK ROAD		ENTIRE ROAD	
HILLSIDE DRIVE		ROAD	44
ABBOTT ROAD * ANCHORAGE		E ROAD	61
SAND LAKE ROAD	ENTIRE	ROAD	9
RASPBERRY ROAD * ANCHORAGE	INT. W/ SAND LAKE RD.	SAND LAKE (CHANGEPOINT	
INTL AIRPORT ROAD * ANCHORAGE	ENTIRE	E ROAD	100
MINNESOTA DRIVE * ANCHORAGE	ENTIRE	E ROAD	351
GLENN HIGHWAY	MP 0	MP 118	4047
OLD GLENN @ PALMER	ENTIRE	HIGHWAY	1027
KNIK RIVER ROAD	ENTIRE	ROAD	81
PALMER-FISHHOOK ROAD	ENTIRE	E ROAD	281
WILLOW FISHHOOK ROAD	ENTIRE	ROAD	161
PARKS HIGHWAY	MP 35 PARKS SB- GLENN WB RAMP	MP 163.3	1196
KNIK-GOOSE BAY ROAD * WASILLA	ENTIRE	E ROAD	175
WASILLA/FISHHOOK ROAD	ENTIRE	ROAD	198
BIG LAKE ROAD * HOUSTON	ENTIRE	ROAD	83
SELDON ROAD * MAT-SU	ENTIRE	ROAD	56
BOGARD ROAD * WASILLA	ENTIRE		90
TALKEETNA SPUR ROAD	ENTIRE	ROAD	35
TOTAL			21339

606(19B)		RAIL FLE ELINEATO	
ROADWAY SECTION	BEGIN	END	# GUARDRAIL FLEXIBLE DELINEATOR
STERLING HIGHWAY	MP 37	MP 179 END OF HOMER SPIT	1773
EAST END ROAD * HOMER	ENTIR	E ROAD	175
KALIFORNSKY BEACH ROAD * SOLDOTNA	ENTIR	E ROAD	54
FUNNY RIVER ROAD * SOLDOTNA	ENTIR	E ROAD	131
KENAI SPUR HIGHWAY	ENTIR	E ROAD	429
BRIDGE ACCESS ROAD * KENAI	ENTIRE ROAD		24
SEWARD HIGHWAY	MP 0 MP 75	MP 7 MP 120	3988
HOPE ROAD * HOPE	MP 10.3	MP 17	435
SAND LAKE ROAD	ENTIR	ENTIRE ROAD	
RASPBERRY ROAD * ANCHORAGE	INT. W/ SAND LAKE RD.	CROSS STREET (CHANGEPOINT DR.)	13
INTL AIRPORT ROAD * ANCHORAGE	ENTIR	E ROAD	100
MINNESOTA DRIVE * ANCHORAGE	ENTIR	E ROAD	351
GLENN HIGHWAY	MP 0	MP 78	2783
OLD GLENN @ PALMER	ENTIRE	HIGHWAY	1027
KNIK RIVER ROAD		E ROAD	81
PALMER-FISHHOOK ROAD		ROAD	281
PARKS HIGHWAY	MP 35 PARKS SB- GLENN WB RAMP	MP 72	841
KNIK-GOOSE BAY ROAD * WASILLA	ENTIR	ROAD	175
WASILLA/FISHHOOK ROAD	ENTIR	E ROAD	198
BIG LAKE ROAD * HOUSTON		E ROAD	83
SELDON ROAD * MAT-SU		E ROAD	56
BOGARD ROAD * WASILLA		E ROAD	90
TALKEETNA SPUR ROAD	ENTIR	ROAD	35
TOTAL			13132

## NOTES:

- 1. INSTALL GUARDRAIL REFLECTORS EVERY 50 FEET ON ALL EXISTING SECTIONS OF GUARDRAIL ON ROADWAYS AS SHOWN IN TABLE. REFLECTORS SHALL BE PLACED BETWEEN EXISTING GUARDRAIL REFLECTORS. IF EXISTING REFLECTORS ARE MISSING, REPLACE TO BE IN CONFORMANCE WITH STANDARD DRAWINGS LISTED ON A2. WHEN PRESENT, ON/OFF RAMPS FROM LISTED ROADWAYS SHALL BE INCLUDED TO TOP/BOTTOM OF RAMPS.
- INSTALL GUARDRAIL FLEXIBLE DELINEATORS EVERY 50 FEET ON TOP OF ALL EXISTING SECTIONS OF GUARDRAIL ON ROADWAYS SHOWN IN TABLE. INSTALL FLEXIBLE DELINEATORS ON THE TRAILING SIDE OF THE GUARDRAIL POST TOP.
- 3. GUARDRAIL REFLECTORS & DELINEATORS ARE TO BE INSTALLED ONLY ON SECTIONS CONTAINED WITHIN STATE ROW. APPROACH ROAD/DRIVEWAY SECTIONS SHALL BE INCLUDED UP TO 50 FEET BEYOND MAINLINE OR TO ROW, WHICHEVER IS LESS.
- 4. IF SIGNIFICANTLY DAMAGED SECTIONS OF GUARDRAIL ARE ENCOUNTERED THAT PROHIBIT INSTALLATION, THE ENGINEER CAN INSPECT AND GIVE A WAIVER FOR THAT SECTION. A CREDIT MAY BE REQUIRED.



STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

HSIP: CR GUARDRAIL DELINEATION ENHANCEMENTS

SUMMARY SHEET

