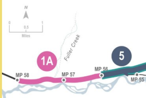
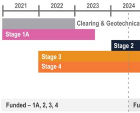
STERLING HIGHWAY MP 45-60
PHASES 1A/B THROUGH 6

STERLING
HIGHWAY MILE POST 45 TO 60
ALASKA

TRANSPORTATION & PUBLIC FACILITIES
STATE OF ALASKA

Sterling Hi


N
0
0.5
1
Miles
Fuller Creek
1A
5
MP 58
MP 57
MP 56
MP 55

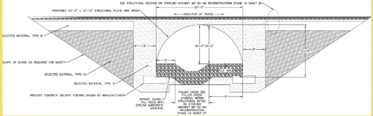


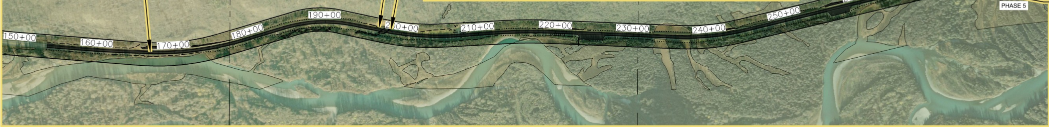
ALIGNMENT FACING EAST

CONSTRUCTED FULLER CREEK CROSSING

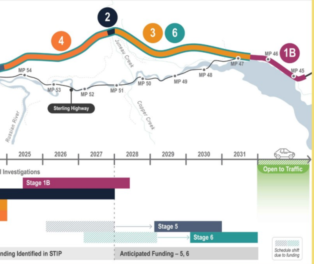
FULLER CREEK CROSSING - UNDERPASS #6

BRIDGE NO. 4121


SEE STRUCTURAL SECTION ON STERLING HIGHWAY MP 45-60 RECONSTRUCTION STAGE 1A SHEET B1
23'-0"
PROPOSED 23'-0" x 13'-10" STRUCTURAL PLATE PIPE ARCH
DIRECTION OF TRAVEL
SELECTED MATERIAL, TYPE B
8'
6'
10'-4" 10'-2"
13'-10"
5'
SLOPE OR SHORE AS REQUIRED FOR SAFETY
3.5' MIN.
SELECTED MATERIAL, TYPE C
SELECTED MATERIAL, TYPE A
PRECAST CONCRETE CULVERT FOOTING DESIGN BY MANUFACTURER
RIPRAP, CLASS I FILL VOIDS WITH STREAM SUBSTRATE MATERIAL
FULLER CREEK SEE FULLER CREEK CHANNEL WITHIN STRUCTURAL DETAIL ON STERLING HIGHWAY MP 45-60 RECONSTRUCTION STAGE 1A SHEET E7
9'

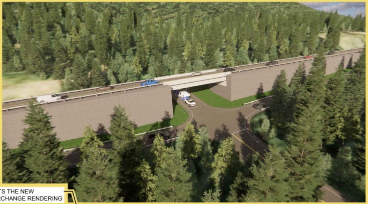

PHASE 1A
56
1180+00
1170+00
280+00
270+00
PHASE 5
150+00
160+00
170+00
180+00
190+00
200+00
210+00
220+00
230+00
240+00
250+00
260+00

ghway MP 45-60 Phasing Schedule

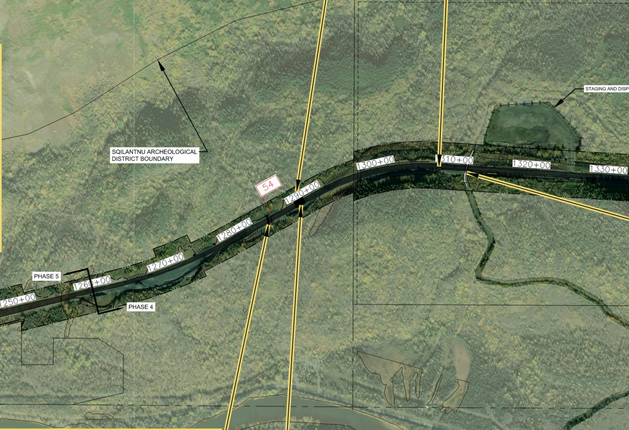


ALIGNMENT FACING WEST
FUTURE WILDLIFE OVERCROSSING

STAGING AND DISPOSAL SITE

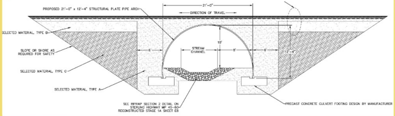


WHERE THE OLD MEETS THE NEW
TIGHT DIAMOND INTERCHANGE RENDERING


SQILANTNU ARCHEOLOGICAL DISTRICT BOUNDARY
STAGING AND DISP
54
55
PHASE 5
PHASE 4
1190+00
290+00
1200+00
1210+00
1220+00
1230+00
1240+00
1250+00
1260+00
1270+00
1280+00
1290+00
1300+00
1310+00
1320+00
1330+00
STERLING HIGHWAY

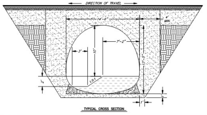
WILDLIFE CROSSING - UNDERPASS # 7

BRIDGE NO. 4122


PROPOSED 21'-0" x 12'-4" STRUCTURAL PLATE PIPE ARCH
21'-0"
DIRECTION OF TRAVEL
SELECTED MATERIAL, TYPE B
SLOPE OR SHORE AS REQUIRED FOR SAFETY
SELECTED MATERIAL, TYPE C
SELECTED MATERIAL, TYPE A
10'
STREAM CHANNEL
6'
8'
6'
12'-4"
SEE RIPRAP SECTION 2 DETAIL ON STERLING HIGHWAY MP 45-60 RECONSTRUCTED STAGE 1A SHEET E8
PRECAST CONCRETE CULVERT FOOTING DESIGN BY MANUFACTURER

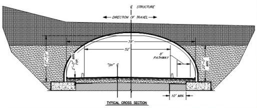
BRIDGE NO. 7291

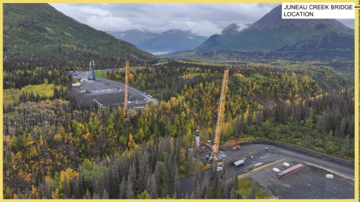
UP 1-UPSIZE CULVERT

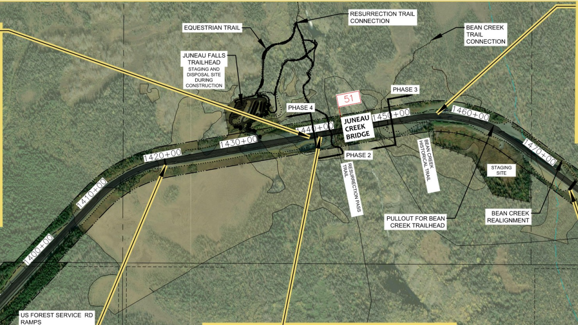

DIRECTION OF TRAVEL
14'-6"
4" MIN.
7'-2"
3'
10'
13'-5"
1.5:1
2'
1'
1'
TYPICAL CROSS SECTION

WILDLIFE OVERCROSSING

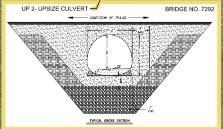
BRIDGE NO. 4132

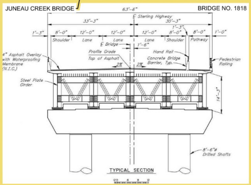

℄ STRUCTURE
DIRECTION OF TRAVEL
78'
52'
8' PATHWAY
2'-0" MIN. TYP.
27'-10"
20'-0" MIN.
"SH" ℄
10' MIN.
TYPICAL CROSS SECTION

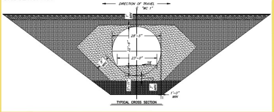

JUNEAU CREEK BRIDGE LOCATION

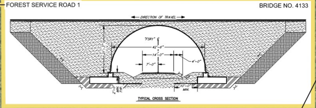

EQUESTRIAN TRAIL
RESURRECTION TRAIL CONNECTION
BEAN CREEK TRAIL CONNECTION
JUNEAU FALLS TRAILHEAD
STAGING AND DISPOSAL SITE DURING CONSTRUCTION
PHASE 4
PHASE 3
PHASE 2
51
JUNEAU CREEK BRIDGE
1430+00
1440+00
1450+00
1460+00
1470+00
1480+00
1500+00
1420+00
1410+00
1400+00
1390+00
1380+00
1370+00
1360+00
1350+00
1340+00
50
52
53
RESURRECTION PASS TRAIL
BEAN CREEK HISTORICAL TRAIL
STAGING SITE
PULLOUT FOR BEAN CREEK TRAILHEAD
BEAN CREEK REALIGNMENT
STAGING AND DISPOSAL SITE
STAGING SITE
US FOREST SERVICE RD RAMPS
USFS ROAD
OSAL SITE
10' PATHWAY
SQILANTNU ARCHEOLOGICAL DISTRICT BOUNDARY

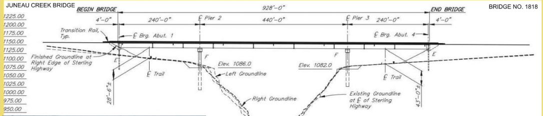
JUNEAU CREEK BRIDGE

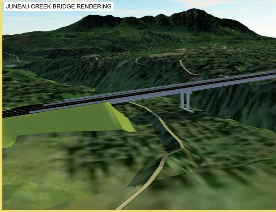

UP 2- UPSIZE CULVERT
BRIDGE NO. 7292
DIRECTION OF TRAVEL
13'-2"
4' MIN.
10'
11'-11"
3' MIN.
1' TYP.
TYPICAL CROSS SECTION


JUNEAU CREEK BRIDGE
BRIDGE NO. 1818
63'-6"
℄ Sterling Highway
33'-3"
30'-3"
1'-3"
8'-0"
12'-0"
12'-0"
12'-0"
8'-0"
1'-3"
8'-0"
1'-0"
Shoulder
Lane
Lane
Lane
Shoulder
Pathway
℄ Bridge
1'-6"
Profile Grade
Top of Asphalt
2%
2%
4" Asphalt Overlay with Waterproofing Membrane (N.I.C.)
Hand Rail
Concrete Bridge Barrier, Typ.
Pedestrian Railing
Steel Plate Girder
14'-3"
8'-6"⌀ Drilled Shafts
TYPICAL SECTION
0 4 8 12


BRIDGE NO. 4134
WC 1-WILDLIFE CROSSING
DIRECTION OF TRAVEL
℄ "WC 1"
1' MIN
28'-5"
22'-6"
23'-0"
8' MIN
5'-11"
3' MIN
1'-0" MIN
TYPICAL CROSS SECTION


FOREST SERVICE ROAD 1
BRIDGE NO. 4133
DIRECTION OF TRAVEL
"FSR1" ℄
42'-6"
14'-0"
7'-0"
4'-0"
2'-0" MIN. TYP.
10'-0" MIN.
TYPICAL CROSS SECTION


JUNEAU CREEK BRIDGE
BRIDGE NO. 1818
BEGIN BRIDGE
END BRIDGE
928'-0"
4'-0"
240'-0"
℄ Pier 2
440'-0"
℄ Pier 3
240'-0"
4'-0"
Transition Rail, Typ.
℄ Brg. Abut. 1
℄ Brg. Abut. 4
Finished Groundline at Right Edge of Sterling Highway
E
F
F
E
Elev. 1086.0
Elev. 1082.0
Left Groundline
Right Groundline
Existing Groundline at ℄ of Sterling Highway
℄ Trail
℄ Trail
28'-6"±
43'-0"±
1225.00
1200.00
1175.00
1150.00
1125.00
1100.00
1075.00
1050.00
1025.00
1000.00
975.00
950.00
1443+00
1444+00
1445+00
1446+00
1447+00
1448+00
1449+00
1450+00
1451+00
1452+00
ELEVATION
20 0 80 160


JUNEAU CREEK BRIDGE RENDERING

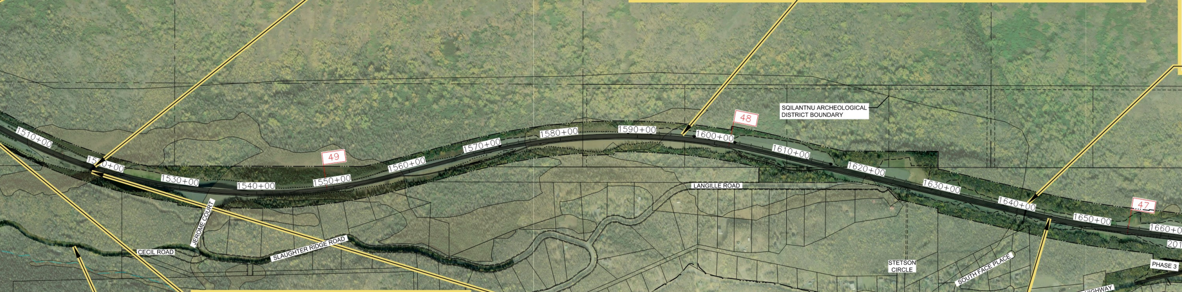
PIONEER ROAD WEST

STAGING AND DISPOSAL SITE

WC 2- WILDLIFE CROSSING

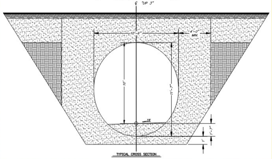
ALIGNMENT FACING EAST

ALIGNMENT FACING WEST


SQILANTNU ARCHEOLOGICAL
DISTRICT BOUNDARY
48
49
47
1510+00
1520+00
1530+00
1540+00
1550+00
1560+00
1570+00
1580+00
1590+00
1600+00
1610+00
1620+00
1630+00
1640+00
1650+00
1660+0
201
LANGILLE ROAD
JEROME COURT
CECIL ROAD
SLAUGHTER RIDGE ROAD
STETSON
CIRCLE
SOUTH FACE PLACE
PHASE 3
STERLING HIGHWAY

UP 3-UPSIZE CULVERT

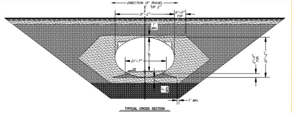
BRIDGE NO. 7293


DIRECTION OF TRAVEL
℄ "UP 3"
10'-6"
4'-0"
MIN.
10'
11'-7"
.5%
1'-7"
1'

TYPICAL CROSS SECTION

WC 2-WILDLIFE CROSSING

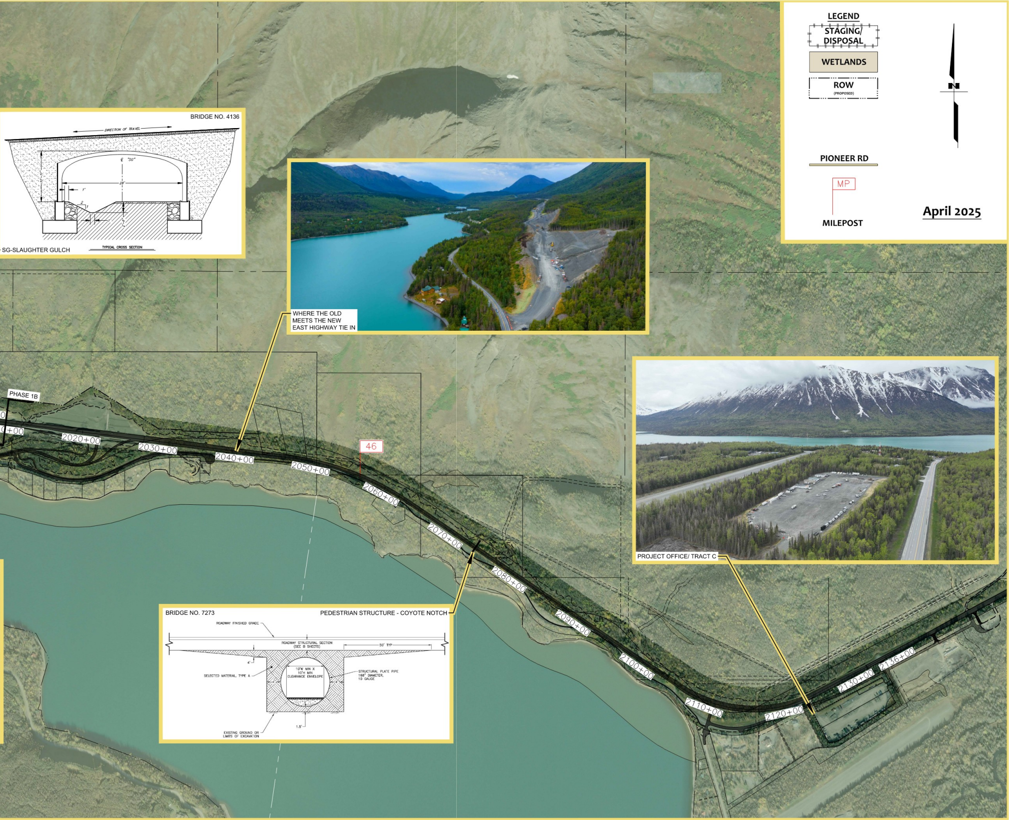
BRIDGE NO. 4135


DIRECTION OF TRAVEL
℄ "UP 2"
31'-2"
6'-0"
TYP
1'
Min.
18'
21'-7"
.5%
3'
Min.
2'-0"
TYP.
21'-2"
1' Min.

TYPICAL CROSS SECTION

PIONEER ROAD EAST

ALIGNMENT FACING WEST


BRIDGE NO. 4136
DIRECTION OF TRAVEL
℄ "SG"
10'-11"
28'
1'
2
1
1'
2'-6"
SG-SLAUGHTER GULCH
TYPICAL CROSS SECTION
WHERE THE OLD
MEETS THE NEW
EAST HIGHWAY TIE IN
LEGEND
STAGING/
DISPOSAL
WETLANDS
ROW
(PROPOSED)
PIONEER RD
MP
MILEPOST
N
PHASE 1B
2020+00
2030+00
2040+00
46
2050+00
2060+00
2070+00
2080+00
2090+00
2100+00
2110+00
2120+00
2130+00
2136+00
PROJECT OFFICE/ TRACT C
BRIDGE NO. 7273
PEDESTRIAN STRUCTURE - COYOTE NOTCH
ROADWAY FINISHED GRADE
ROADWAY STRUCTURAL SECTION
(SEE B SHEETS)
50' TYP
4'
SELECTED MATERIAL, TYPE A
10'W MIN X
10'H MIN
CLEARANCE ENVELOPE
STRUCTURAL PLATE PIPE
168" DIAMETER,
10 GAUGE
4'
4'
1.5'
EXISTING GROUND OR
LIMITS OF EXCAVATION

April 2025