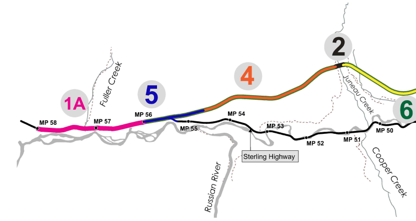
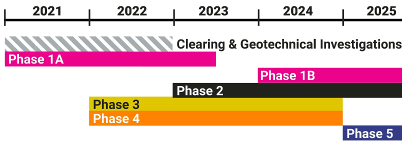
STERLING HIGHWAY MP 45-60
PHASES 1A/B THROUGH 6

STERLING
HIGHWAY MILE POST 45 TO 60
ALASKA


1A
Fuller Creek
5
4
2
6
MP 58
MP 57
MP 56
MP 55
MP 54
MP 53
MP 52
MP 51
MP 50
Juneau Creek
Sterling Highway
Russian River
Cooper Creek



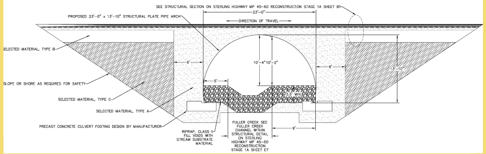
ALIGNMENT FACING EAST

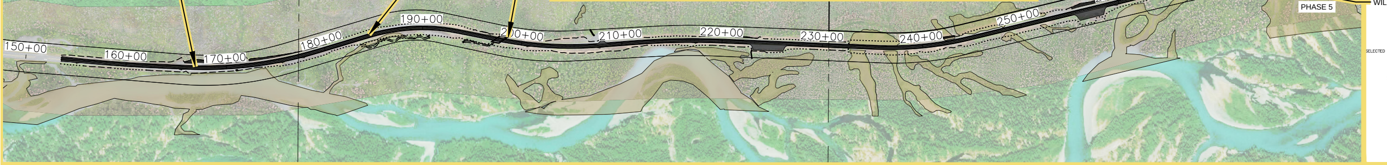
ALIGNMENT FACING WEST

WHERE THE OLD MEETS THE NEW WEST TIGHT DIAMOND INTERCHANGE RENDERING

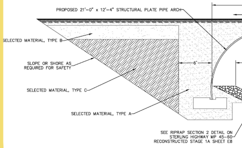
FULLER CREEK CROSSING - UNDERPASS #6

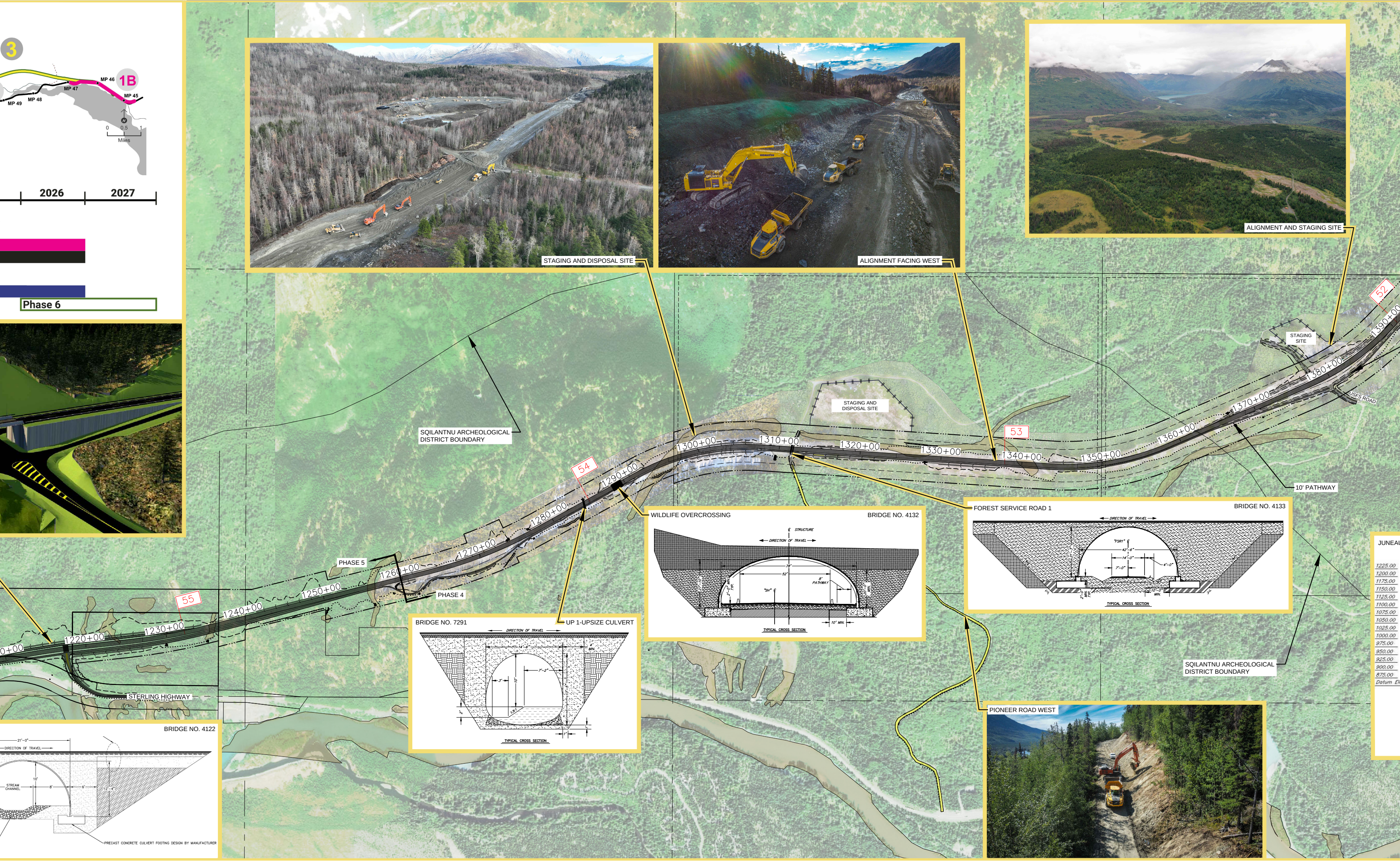
BRIDGE NO. 4121

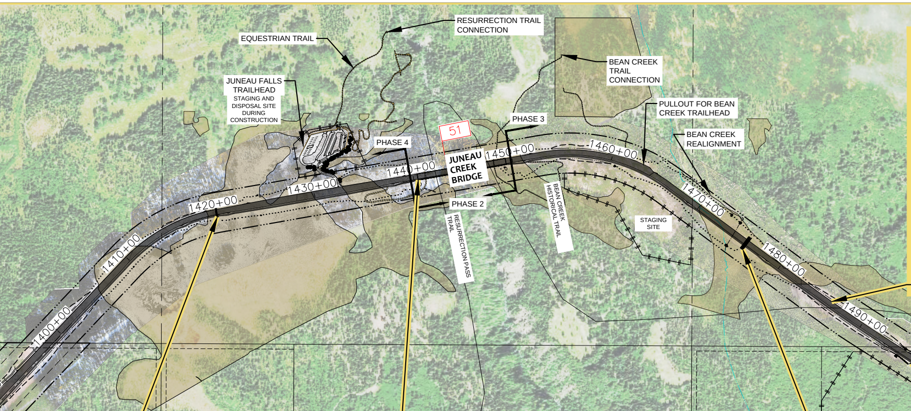

SEE STRUCTURAL SECTION ON STERLING HIGHWAY MP 45-60 RECONSTRUCTION STAGE 1A SHEET B1
23'-0"
PROPOSED 23'-0" x 13'-10" STRUCTURAL PLATE PIPE ARCH
DIRECTION OF TRAVEL
SELECTED MATERIAL, TYPE B
6'
10'-4"
10'-2"
6'
13'-10"
5'
SLOPE OR SHORE AS REQUIRED FOR SAFETY
3.5' MIN.
SELECTED MATERIAL, TYPE C
SELECTED MATERIAL, TYPE A
PRECAST CONCRETE CULVERT FOOTING DESIGN BY MANUFACTURER
RIPRAP, CLASS II 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'


150+00
160+00
170+00
180+00
190+00
200+00
210+00
220+00
230+00
240+00
250+00
260+00
270+00
1170+00
1180+00
280+00
1190+00
290+00
1200+00
PHASE 1A
56
PHASE 5

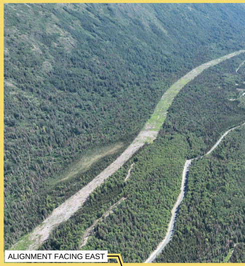
WILDLIFE CROSSING - UNDERPASS # 7

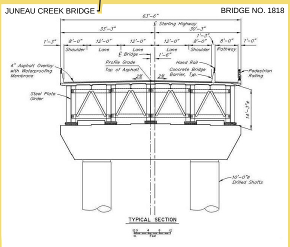

PROPOSED 21'-0" x 12'-4" STRUCTURAL PLATE PIPE ARCH
SELECTED MATERIAL, TYPE B
SLOPE OR SHORE AS REQUIRED FOR SAFETY
6'
SELECTED MATERIAL, TYPE C
SELECTED MATERIAL, TYPE A
SEE RIPRAP SECTION 2 DETAIL ON STERLING HIGHWAY MP 45-60 RECONSTRUCTED STAGE 1A SHEET E8


3
1B
MP 49
MP 48
MP 47
MP 46
MP 45
0
0.5
1
Miles
N
2026
2027
Phase 6
STAGING AND DISPOSAL SITE
ALIGNMENT FACING WEST
ALIGNMENT AND STAGING SITE
52
53
54
55
STAGING SITE
STAGING AND DISPOSAL SITE
USFS ROAD
SQILANTNU ARCHEOLOGICAL DISTRICT BOUNDARY
1220+00
1230+00
1240+00
1250+00
1260+00
1270+00
1280+00
1290+00
1300+00
1310+00
1320+00
1330+00
1340+00
1350+00
1360+00
1370+00
1380+00
1390+00
PHASE 5
PHASE 4
10' PATHWAY
STERLING HIGHWAY
WILDLIFE OVERCROSSING
BRIDGE NO. 4132
℄ STRUCTURE
DIRECTION OF TRAVEL
78'
52'
8' PATHWAY
"SH" ℄
27'-10"
2'-0" MIN. TYP.
20'-0" MIN.
10' MIN.
TYPICAL CROSS SECTION
FOREST SERVICE ROAD 1
BRIDGE NO. 4133
DIRECTION OF TRAVEL
"FSR1" ℄
42'-6"
14'-0"
7'-0"
4'-0"
21'-3"
2'-0" MIN. TYP.
10'-0" MIN.
TYPICAL CROSS SECTION
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
BRIDGE NO. 4122
21'-0"
DIRECTION OF TRAVEL
10'
STREAM CHANNEL
8'
6'
12'-4"
PRECAST CONCRETE CULVERT FOOTING DESIGN BY MANUFACTURER
PIONEER ROAD WEST
JUNEAU
1225.00
1200.00
1175.00
1150.00
1125.00
1100.00
1075.00
1050.00
1025.00
1000.00
975.00
950.00
925.00
900.00
875.00
Datum El

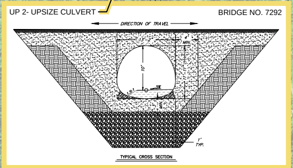

RESURRECTION TRAIL CONNECTION
EQUESTRIAN TRAIL
JUNEAU FALLS TRAILHEAD
STAGING AND DISPOSAL SITE DURING CONSTRUCTION
BEAN CREEK TRAIL CONNECTION
PULLOUT FOR BEAN CREEK TRAILHEAD
BEAN CREEK REALIGNMENT
PHASE 3
PHASE 4
PHASE 2
51
JUNEAU CREEK BRIDGE
RESURRECTION PASS TRAIL
BEAN CREEK HISTORICAL TRAIL
STAGING SITE
1400+00
1410+00
1420+00
1430+00
1440+00
1450+00
1460+00
1470+00
1480+00
1490+00
50
1500+00
1510+00
1520+00
1530+00
1540+00
49
1550+00
1560+00
1570+00
STAGING AND DISPOSAL SITE
US FOREST SERVICE RD RAMPS
JEROME COURT
CECIL ROAD
SLAUGHTER RIDGE ROAD

ALIGNMENT FACING EAST

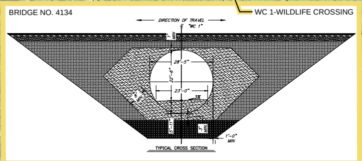

ALIGNMENT FACING EAST


JUNEAU CREEK BRIDGE

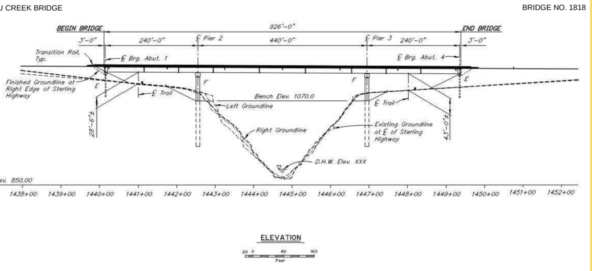
BRIDGE NO. 1818
63'-6"
℄ Sterling Highway
33'-3"
30'-3"
1'-3"
8'-0"
12'-0"
12'-0"
12'-0"
8'-0"
1'-3"
8'-0"
1'-0"
Shoulder
Lane
Lane
Lane
Shoulder
Pathway
℄ Bridge
1'-6"
Profile Grade
Top of Asphalt
2%
2%
4" Asphalt Overlay with Waterproofing Membrane
Hand Rail
Concrete Bridge Barrier, Typ.
Pedestrian Railing
Steel Plate Girder
14'-3"±
10'-0"ø Drilled Shafts
TYPICAL SECTION
12 0 4 8 12
In. Feet


UP 2- UPSIZE CULVERT

BRIDGE NO. 7292
DIRECTION OF TRAVEL
MIN
10'
1'
TYP.
TYPICAL CROSS SECTION

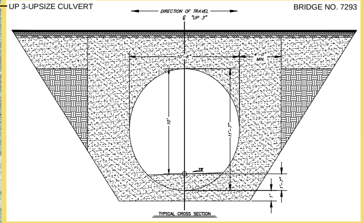

BRIDGE NO. 4134

WC 1-WILDLIFE CROSSING
DIRECTION OF TRAVEL
℄ "WC 1"
1' MIN
28'-5"
22'-6"
23'-0"
3%
8' MIN.
5'-11"
3' MIN.
1'-0" MIN
TYPICAL CROSS SECTION


U CREEK BRIDGE

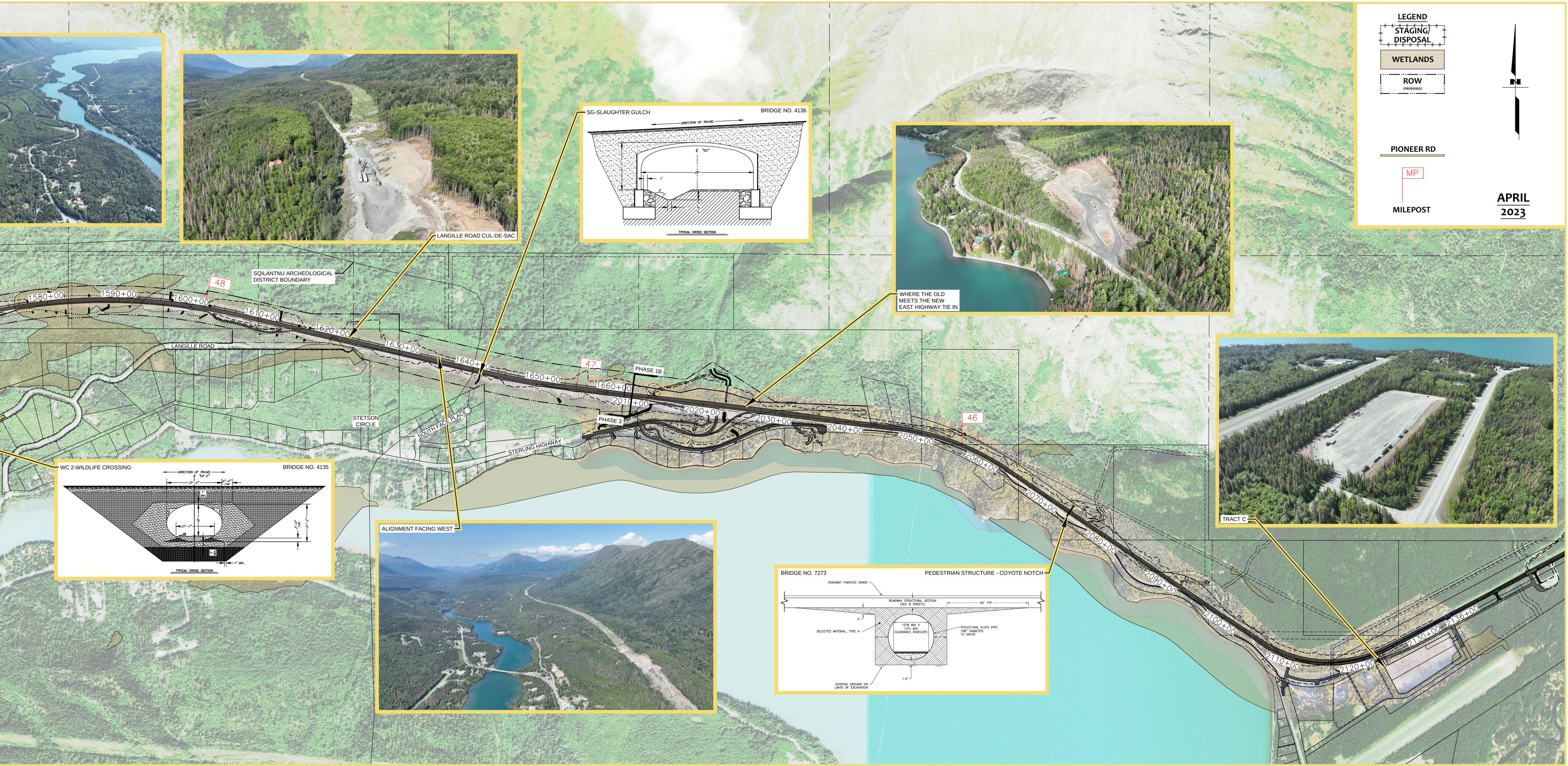
BRIDGE NO. 1818
BEGIN BRIDGE
926'-0"
END BRIDGE
3'-0"
240'-0"
℄ Pier 2
440'-0"
℄ Pier 3
240'-0"
3'-0"
Transition Rail, Typ.
℄ Brg. Abut. 1
℄ Brg. Abut. 4
Finished Groundline at Right Edge of Sterling Highway
E
F
F
E
℄ Trail
Bench Elev. 1070.0
Left Groundline
℄ Trail
28'-6"±
43'-0"±
Right Groundline
Existing Groundline at ℄ of Sterling Highway
D.H.W. Elev. XXX
ev. 850.00
1438+00
1439+00
1440+00
1441+00
1442+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
Feet

JUNEAU CREEK BRIDGE RENDERING


UP 3-UPSIZE CULVERT

BRIDGE NO. 7293
DIRECTION OF TRAVEL
℄ "UP 3"
10'-6"
4'-0" MIN.
10'
11'-7"
3%
1'-7"
1'
TYPICAL CROSS SECTION

PIONEER ROAD EAST


LEGEND
STAGING/ DISPOSAL
WETLANDS
ROW
(PROPOSED)
PIONEER RD
MP
MILEPOST
N
LANGILLE ROAD CUL-DE-SAC
SG-SLAUGHTER GULCH
BRIDGE NO. 4136
DIRECTION OF TRAVEL
℄ "SG"
10'-11"
28'
1'
2
1
1'
2'-6"
TYPICAL CROSS SECTION
WHERE THE OLD MEETS THE NEW EAST HIGHWAY TIE IN
SQILANTNU ARCHEOLOGICAL DISTRICT BOUNDARY
48
47
46
1580+00
1590+00
1600+00
1610+00
1620+00
1630+00
1640+00
1650+00
1660+00
2010+00
2020+00
2030+00
2040+00
2050+00
2060+00
2070+00
2080+00
2090+00
2100+00
2110+00
2120+00
2130+00
2136+00
LANGILLE ROAD
PHASE 1B
PHASE 3
STETSON CIRCLE
SOUTH FACE PLACE
STERLING HIGHWAY
TRACT C
WC 2-WILDLIFE CROSSING
BRIDGE NO. 4135
DIRECTION OF TRAVEL
℄ "UP 2"
31'-2"
6'-0" TYP
1' Min.
18'
21'-7"
3%
2'-0" TYP.
21'-2"
3' Min.
1" Min.
TYPICAL CROSS SECTION
ALIGNMENT FACING WEST
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
4'
4'
STRUCTURAL PLATE PIPE 168" DIAMETER, 10 GAUGE
1.5'
EXISTING GROUND OR LIMITS OF EXCAVATION

APRIL
2023