

FILE G:\Ktn\68091\Plans\68091_A1_TITLE.dwg
 DATE 9/25/2020 13:18 LAYOUT TITLE SHEET
 DESIGNED ###
 CHECKED ###
 DRAFTED ###

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES

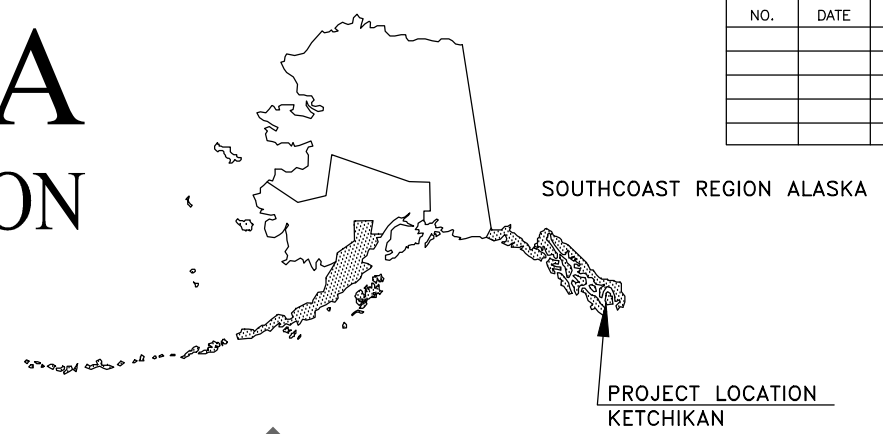
PROPOSED HIGHWAY PROJECT

KTN TONGASS AVE IMPROVEMENTS

PROJECT NO. 0902042/Z680910000

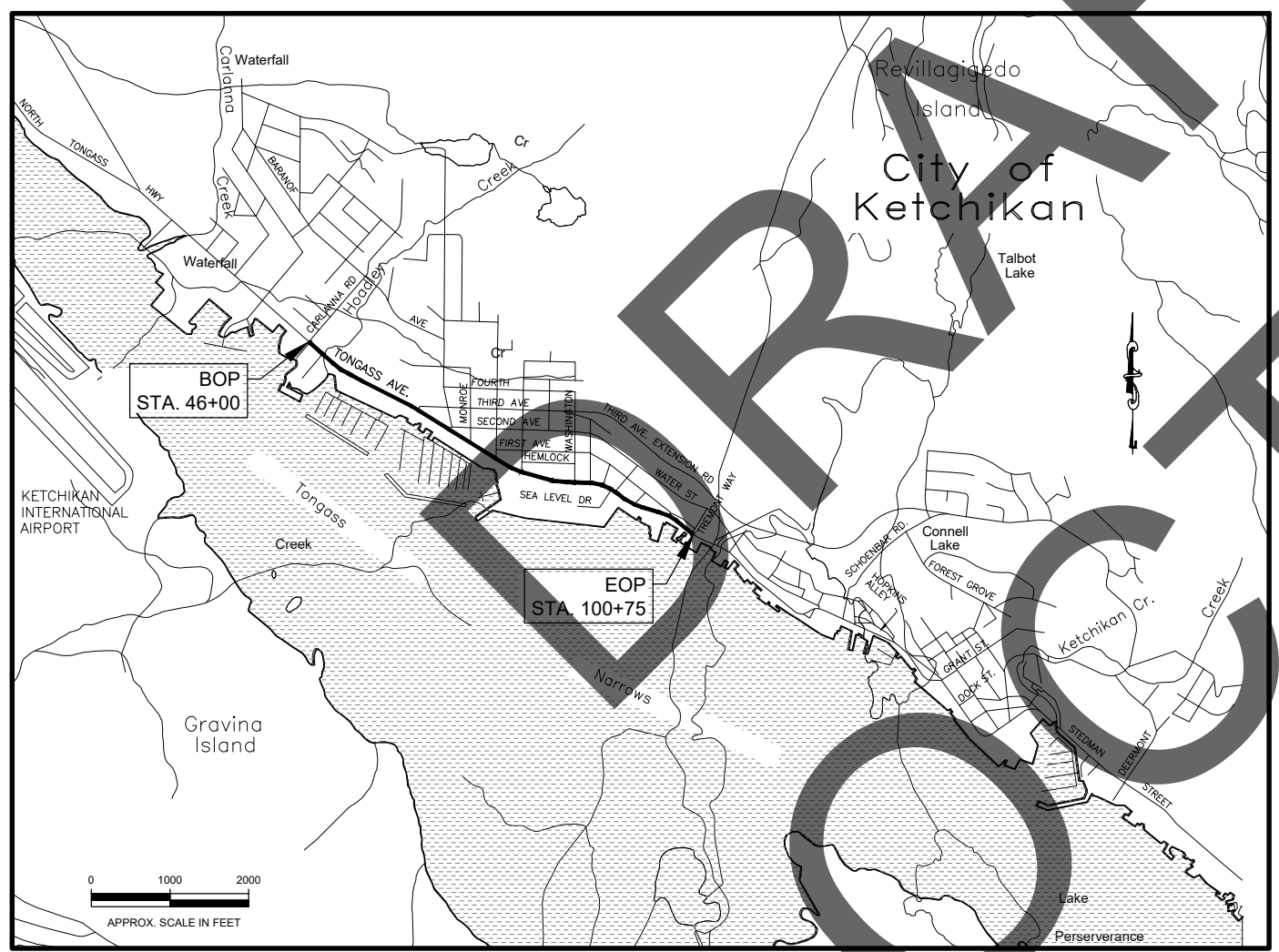
GRADING, DRAINAGE, PAVING, PATHWAYS, SIGNING, STRIPING, ILLUMINATION & SIGNALIZATION

NO.	DATE	REVISIONS	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	2020	A1	59
				CDS ROUTE: 291400	MILEPOINT: 0.2010 TO 1.2565		
				LATITUDE: 55°20'53.68"N	LONGITUDE: 131°39'58.14"W		



PROJECT SUMMARY	
KETCHIKAN TONGASS AVE.	
WIDTH OF PAVEMENT	44'
LENGTH OF PAVING	5,605'
LENGTH OF PROJECT	5,605'

DESIGN DESIGNATIONS	
PROJECT TYPE	REHABILITATION
FUNCTIONAL CLASS	MINOR ARTERIAL
ADT (2006)	17,950
ADT (2026)	19,830
DHV 2006	1,920
DHV 2026	2,120
PERCENT TRUCKS (T)	1.8%
DIRECTIONAL SPLIT (D)	55/45
DESIGN SPEED (V)	25 MPH
DESIGN EAL'S (20 YEARS)	58,171



VICINITY MAP

USE THESE PLANS IN CONJUNCTION WITH THE STATE OF ALASKA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, 2017 EDITION AND THE PROJECT SPECIAL PROVISIONS.

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 6860 GLACIER HIGHWAY, JUNEAU, AK 99801
 (907) 465-1763

APPROVED: _____
 KIRK MILLER, P.E.
 REGIONAL PRECONSTRUCTION ENGINEER

CONCUR: _____
 D. LANCE MEARIG, P.E.
 DIRECTOR, SOUTHCOAST REGION

DATE _____

PLANS IN HAND
 - NOT FOR
 CONSTRUCTION

FILE G:\Ktn\68091\Plans\68091_A2_LAYOUT.dwg

DATE 9/25/2020 15:08 LAYOUT A2

DESIGNED STAFF

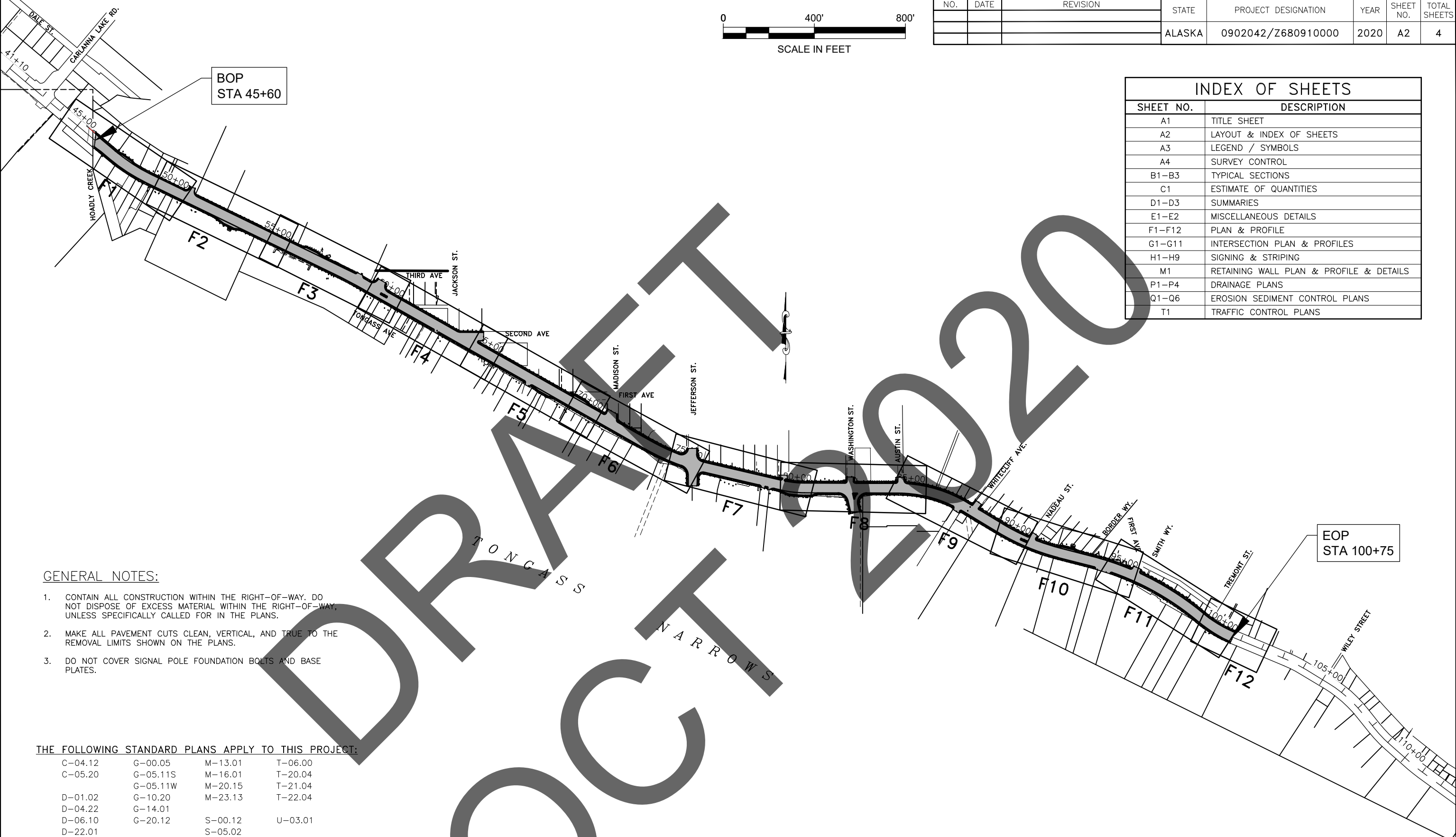
CHECKED STAFF

DRAFTED STAFF



NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	2020	A2	4

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
A1	TITLE SHEET
A2	LAYOUT & INDEX OF SHEETS
A3	LEGEND / SYMBOLS
A4	SURVEY CONTROL
B1-B3	TYPICAL SECTIONS
C1	ESTIMATE OF QUANTITIES
D1-D3	SUMMARIES
E1-E2	MISCELLANEOUS DETAILS
F1-F12	PLAN & PROFILE
G1-G11	INTERSECTION PLAN & PROFILES
H1-H9	SIGNING & STRIPING
M1	RETAINING WALL PLAN & PROFILE & DETAILS
P1-P4	DRAINAGE PLANS
Q1-Q6	EROSION SEDIMENT CONTROL PLANS
T1	TRAFFIC CONTROL PLANS



GENERAL NOTES:

1. CONTAIN ALL CONSTRUCTION WITHIN THE RIGHT-OF-WAY. DO NOT DISPOSE OF EXCESS MATERIAL WITHIN THE RIGHT-OF-WAY, UNLESS SPECIFICALLY CALLED FOR IN THE PLANS.
2. MAKE ALL PAVEMENT CUTS CLEAN, VERTICAL, AND TRUE TO THE REMOVAL LIMITS SHOWN ON THE PLANS.
3. DO NOT COVER SIGNAL POLE FOUNDATION BOLTS AND BASE PLATES.

THE FOLLOWING STANDARD PLANS APPLY TO THIS PROJECT:

C-04.12	G-00.05	M-13.01	T-06.00
C-05.20	G-05.11S	M-16.01	T-20.04
	G-05.11W	M-20.15	T-21.04
D-01.02	G-10.20	M-23.13	T-22.04
D-04.22	G-14.01		
D-06.10	G-20.12	S-00.12	U-03.01
D-22.01		S-05.02	
D-24.00	I-21.12	S-20.10	
D-25.00	I-22.11	S-23.00	
D-26.04	I-81.00	S-30.05	
F-01.04	L-03.11		
F-03.02	L-23.02		
F-03.03	L-26.10		

**PLANS IN HAND
- NOT FOR
CONSTRUCTION**

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
**KTN TONGASS AVE & WATER ST.
VIADUCT & TUNNEL DESIGN**
LAYOUT & INDEX OF SHEETS

FILE: Q:\ktn\68091\Plans\68091_A3_LEGEN.DWG DATE: 7/14/2020 16:00 LAYOUT: A3 CHECKED: RG DESIGNED: RG DRAFTED: RG

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	2020	A3	4

	RECOVERED	SET
BLM MONUMENT		
GLO MONUMENT		
USC&GS MONUMENT		
PRIMARY MONUMENT		
CENTERLINE MONUMENT IN CASING		
PRIMARY R.O.W. MONUMENT		
BEARING OBJECT		
MISCELLANEOUS MONUMENT		
LINE OF SIGHT MONUMENT		
CONCRETE R.O.W. MONUMENT		
BENCHMARK		
REBAR AND CAP		
REBAR		
IRON PIPE		
PK NAIL		
SPIKE		
HUB AND TACK		
CONSTRUCTION CENTERLINE		
MICELLANEOUS CENTERLINE		
STATION EQUATION		
PROJECT RIGHT-OF-WAY LINE		
EXISTING RIGHT-OF-WAY LINE		
EXISTING PROPERTY LINE		
CONTROLLED ACCESS LINE		
EXISTING EASEMENT LINE		
PROPOSED EASEMENT LINE		
PROPOSED CUT SLOPE LIMIT		
PROPOSED FILL SLOPE LIMIT		
SECTION LINE		
1/4 SECTION LINE		
1/16 SECTION LINE		
TOWNSHIP & RANGE LINE		
MEANDER LINE		

	EXISTING	PROPOSED
SANITARY SEWER (FLOW DIRECTION →)		
ABANDONED SANITARY SEWER		
FUEL LINE		
GAS LINE		
WATER LINE		
ABANDONED WATER LINE		
METER, VALVE, FIRE HYDRANT		
EXISTING STORM DRAIN (FLOW DIRECTION →)		
PROPOSED STORM DRAIN		
FIBER OPTIC LINE		
DIRECT BURIAL TELEPHONE CABLE		
DIRECT BURIAL ELECTRIC CABLE		
STREET LIGHT		
TRAFFIC SIGNAL		
RIGID METAL CONDUIT		
ELECTRIC LINE (OVERHEAD)		
POWER POLE LINE		
JOINT USE POWER & TELEPHONE		
TELEPHONE POLE LINE		
POLE ANCHOR		
STUB POLE (POWER OR TELEPHONE)		
TELEPHONE DUCT		
TELEPHONE PEDESTAL		
BURIED CABLE MARKER		
PIPELINE MARKER OR VALVE		
CATCH BASIN OR DROP INLET		
MANHOLE		
SANITARY SEWER CLEAN OUT		
RIPRAP		
SPECIAL DITCH CENTERLINE		

	EXISTING	PROPOSED
ROADWAY/PAVEMENT EDGE		
FENCE		
CURB AND GUTTER		
DETECTABLE WARNINGS		
GUARDRAIL		
CULVERT PIPE		
SIGN		
MAILBOX		
RAILROAD TRACKS		
RAILROAD DEVICES		
CROSS-BUCK		
FLASHING LIGHT		
CANTILEVER		
SWITCH		
TREE LINE		
WATER BOUNDARY		
ORDINARY HIGH WATER LINE		
FLOW CENTERLINE		
FLOW DIRECTION		
WETLANDS		
EXISTING BUILDINGS		
POST OR BOLLARD		
WELL OR MONITORING WELL		
SEPTIC PIPE		
FUEL TANK FILL PIPE/VENT		
SATELLITE DISH		
TEST HOLE		
CONIFER TREE		
DECIDUOUS TREE		
GRAVE		
THERMOSIPHON		
PARKING METER		
VEHICLE PLUG-IN		
DELINEATOR/GUIDE MARKER		

	EXISTING	PROPOSED
JUNCTION BOX, TYPE IA		
JUNCTION BOX, TYPE II		
JUNCTION BOX, TYPE III		
SIGNAL FACE, VEHICULAR		
SIGNAL FACE, BACKPLATE		
SIGNAL FACE, LEFT TURN, BACKPLATE		
SIGNAL FACE, PEDESTRIAN		
LOOP DETECTOR		
VIDEO DETECTOR		
RADAR DETECTOR		
OPTICOM DETECTOR		
PEDESTRIAN PUSH BUTTON		
SIGNAL POST W/O MAST ARM		
SIGNAL POLE W/MAST ARM		
SIGNAL CONTROLLER		
LOAD CENTER		
LUMINAIRE		
RIGID METAL CONDUIT		

H = HOUSE
 G = GARAGE
 M = MERCHANT/STORE
 B = BARN
 S = SHED
 P = PRIVY
 SS = SERVICE STATION
 W = WAREHOUSE

**PLANS IN HAND
 - NOT FOR
 CONSTRUCTION**

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 KTN TONGASS AVE & WATER ST.
 VIADUCT & TUNNEL DESIGN
 LEGEND & SYMBOLS

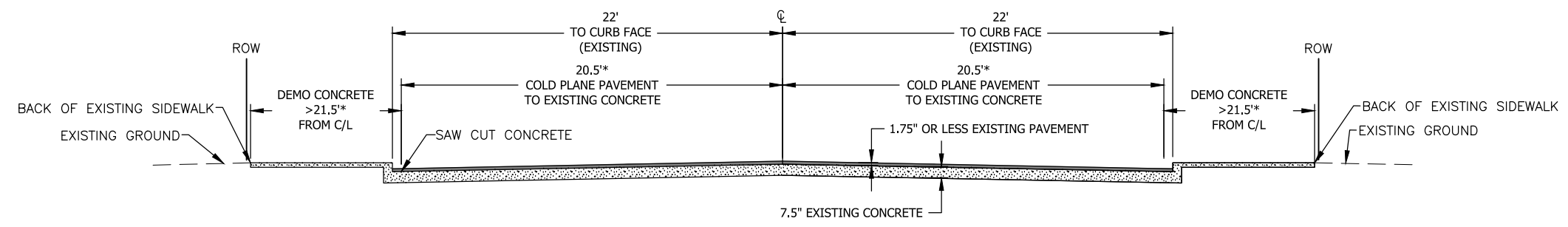
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	20XX	A4	4

DRAFT
OCT 2020

PLACE HOLDER SHEET

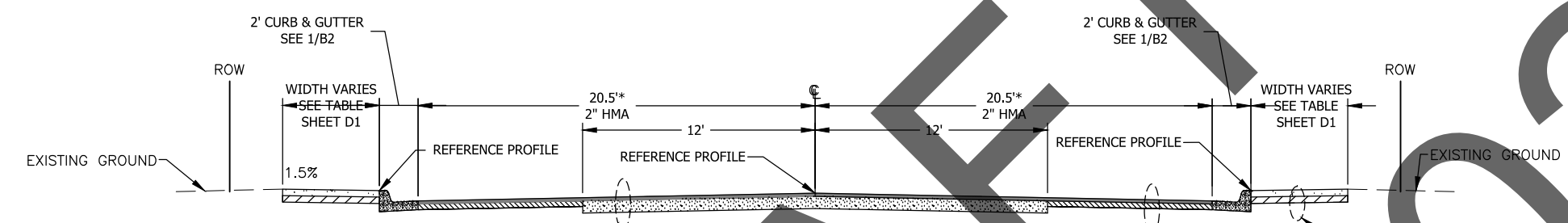
PLANS IN HAND - NOT FOR CONSTRUCTION	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES KTN TONGASS AVE & WATER ST. VIADUCT & TUNNEL DESIGN
	SURVEY CONTROL

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	20XX	B1	3

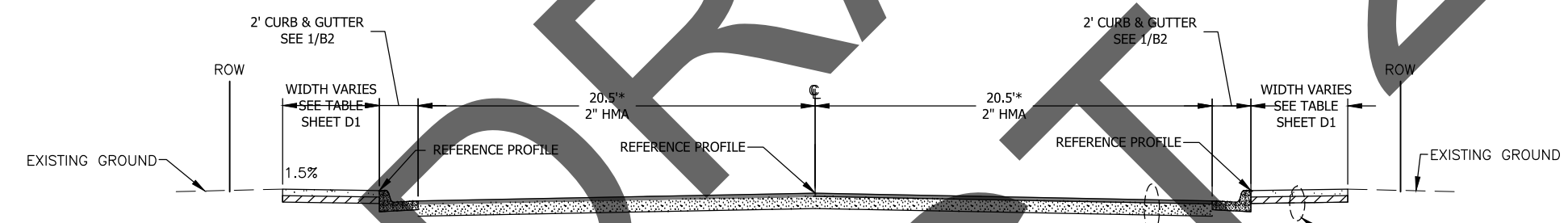


1 TONGASS AVENUE TYPICAL DEMOLITION SECTION
B1 STA. 59+55 TO 100+75

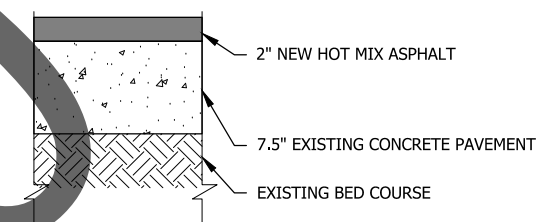
* EXCEPT WHERE OTHERWISE NOTED



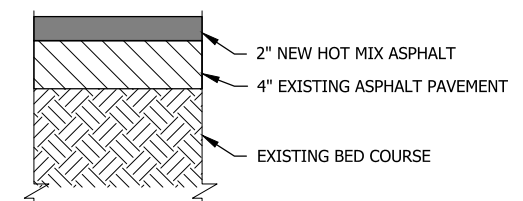
2 TONGASS AVENUE TYPICAL SECTION
B1 STA. 45+60 TO 59+55 "BACK"



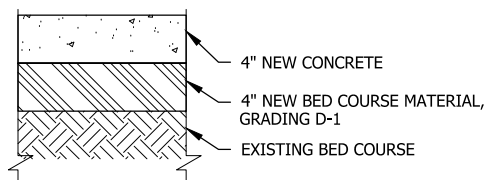
3 TONGASS AVENUE TYPICAL SECTION
B1 STA. 59+55 "BACK" TO 100+75



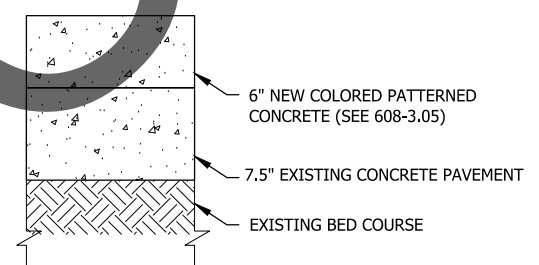
4 PAVEMENT STRUCTURAL SECTION
B1 SCALE: NOT TO SCALE



5 SHOULDER PAVEMENT STRUCTURAL SECTION
B1 SCALE: NOT TO SCALE



6 SIDEWALK STRUCTURAL SECTION
B1 SCALE: NOT TO SCALE



7 MEDIAN/PEDESTRIAN ISLAND STRUCTURAL SECTION
B1 SCALE: NOT TO SCALE

**PLANS IN HAND
- NOT FOR
CONSTRUCTION**

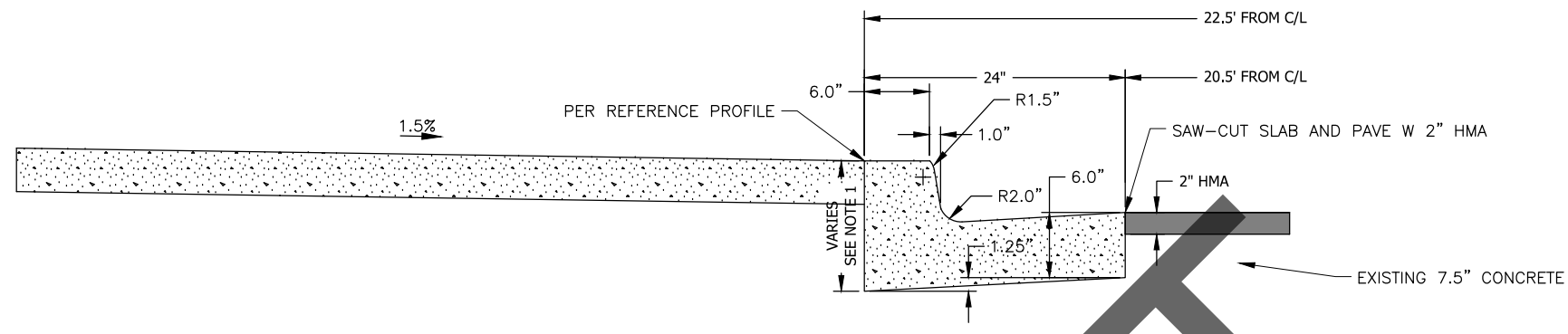
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
KTN TONGASS AVE & WATER ST.
VIADUCT & TUNNEL DESIGN

TYPICAL SECTIONS

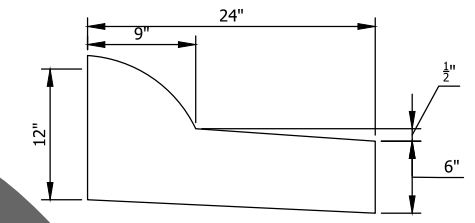
FILE Q:\ktn\68091\Plans\68091_B1_TYP.dwg DATE 9/28/2020 16:06 LAYOUT B1 TYPICAL SECTIONS DESIGNED TF, PJ CHECKED C. TRIPP DRAFTED TF, PJ

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	20XX	B2	3

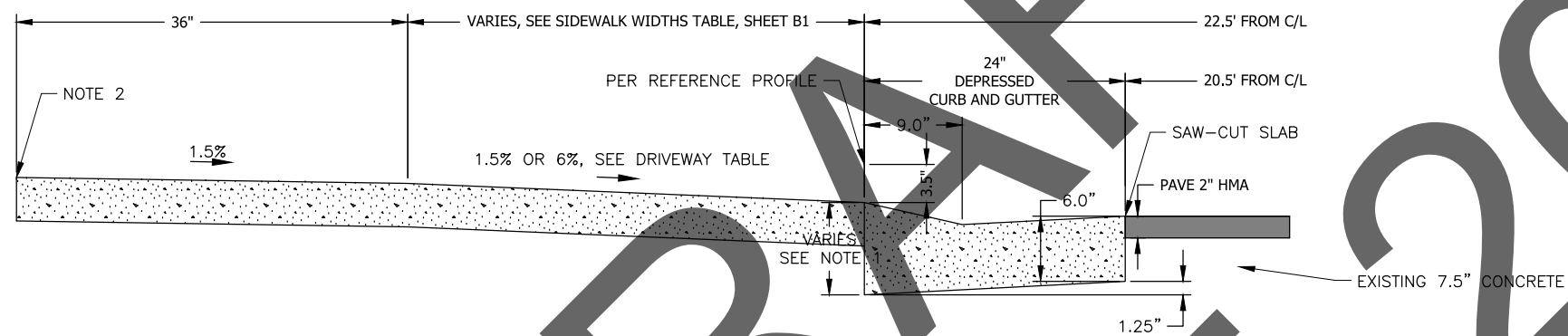
FILE Q:\ktn\68091\Plans\68091_B1_TYP.dwg
 DATE 9/28/2020 16:06 LAYOUT B2 TYPICAL SECTIONS DESIGNED TF, PJ CHECKED C. TRIPP DRAFTED TF, PJ



1
B2
MODIFIED CURB & GUTTER (MODIFIED)
SCALE: NOT TO SCALE



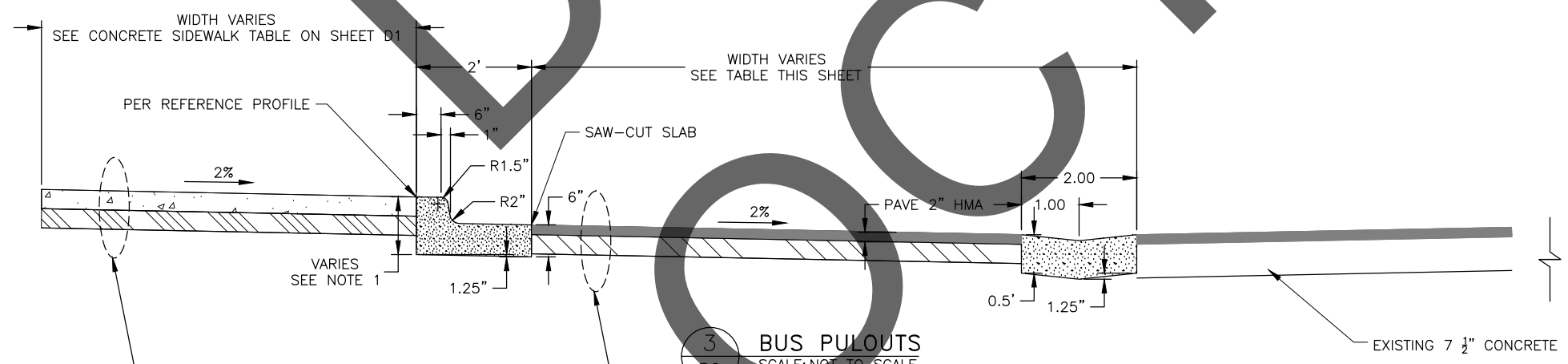
4
B3
EXPRESSWAY CURB & SPILL GUTTER
SCALE: NOT TO SCALE



2
B2
DEPRESSED CURB & GUTTER (MODIFIED)
SCALE: NOT TO SCALE

BUS PULLOUTS				
STATION	FROM	TO	WIDTH (FT.)	OFFSET
46+99	48+03	6.5	LT	
52+23	53+62	11.0	RT	
56+39	57+42	6.5	LT	
67+49	68+51	6.5	RT	
69+14	70+16	6.5	LT	
79+23	80+99	11.0	RT	
92+06	93+08	6.5	LT	

- NOTES**
1. MODIFIED CURB AND MODIFIED DEPRESSED CURB WITH VARIABLE HEIGHT. TOP BACK OF CURB IS SET TO THE REFERENCE PROFILE.
 2. ELEVATION AT THE BACK OF SIDEWALK IS DETERMINED BY THE ELEVATION AT THE TOP BACK OF CURB AND THE SPECIFIED SLOPES.



3
B2
BUS PULOUTS
SCALE: NOT TO SCALE

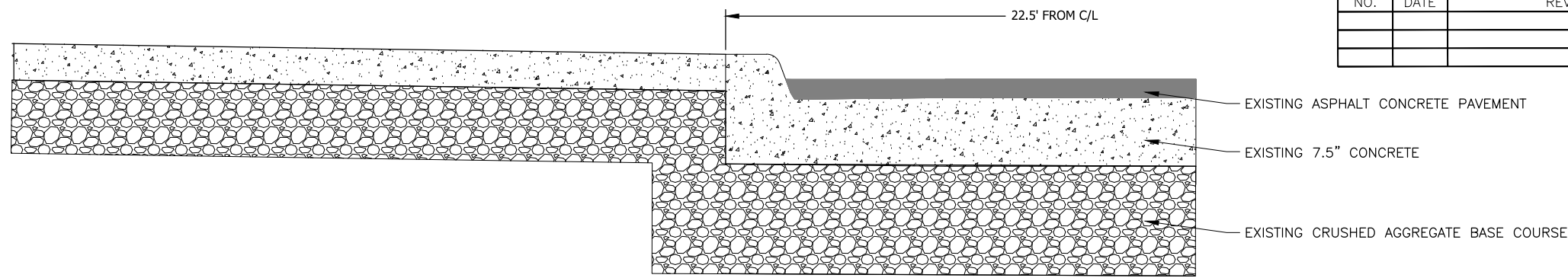
**PLANS IN HAND
- NOT FOR
CONSTRUCTION**

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
**KTN TONGASS AVE & WATER ST.
VIADUCT & TUNNEL DESIGN**

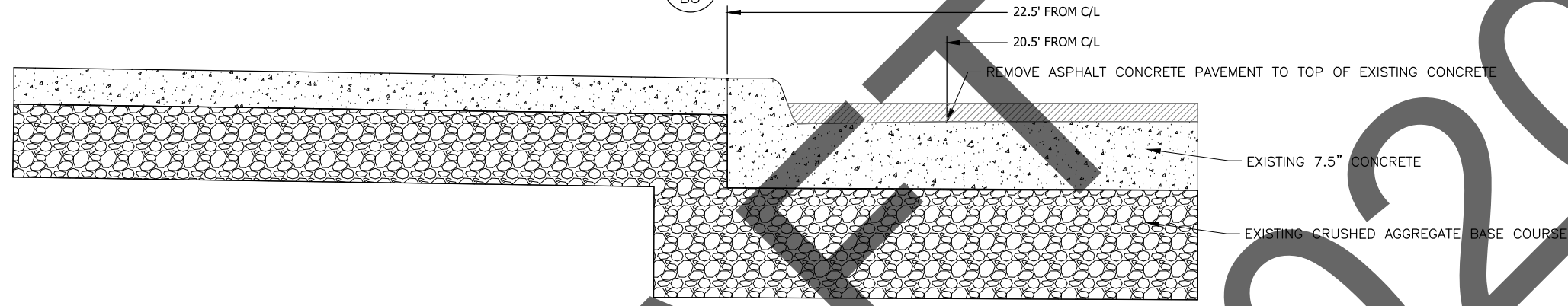
TYPICAL SECTIONS

FILE Q:\kth\68091\Planset\68091_B1_TYP.dwg DATE 9/28/2020 16:06 LAYOUT B3 TYPICAL SECTIONS DESIGNED TF, PJ CHECKED C. TRIPP DRAFTED TF, PJ

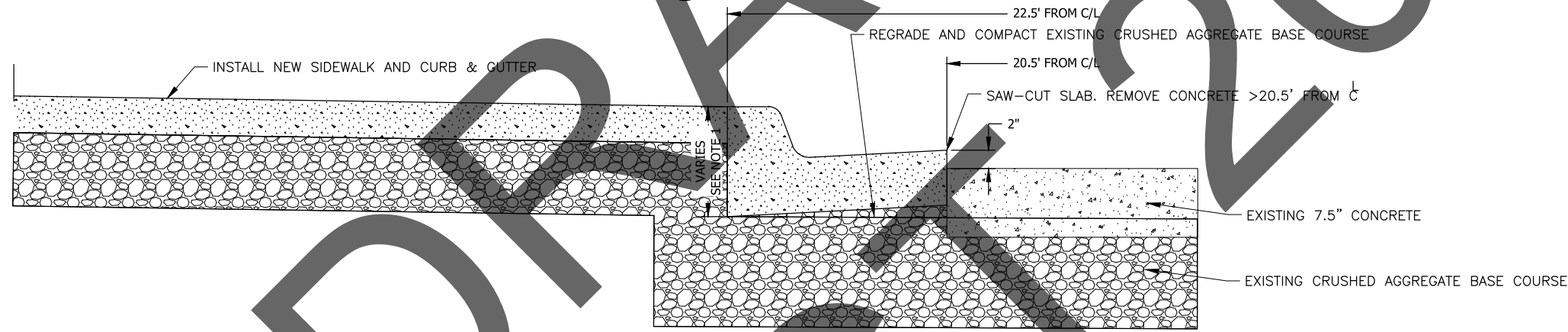
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	20XX	B3	3



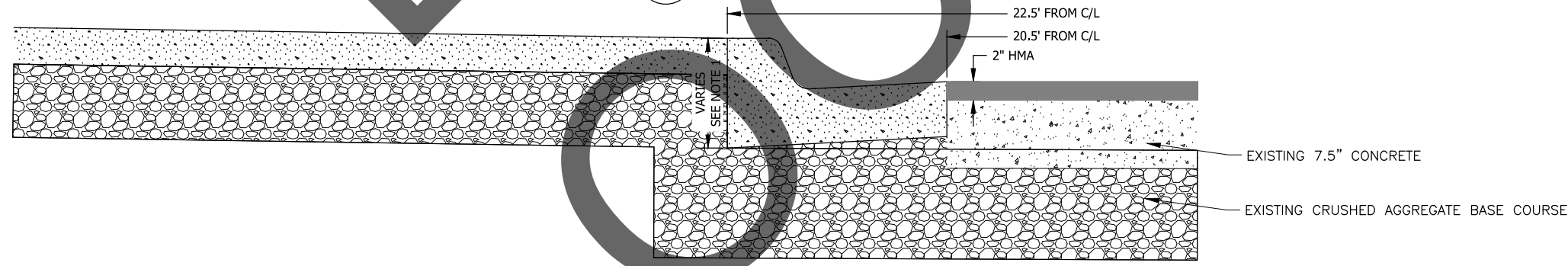
SEQUENCE 1
STANDARD CURB & GUTTER
 SCALE: NOT TO SCALE



SEQUENCE 2
REMOVE ASPHALT CONCRETE
 SCALE: NOT TO SCALE



SEQUENCE 3
MODIFIED CURB, GUTTER & SIDEWALK
 SCALE: NOT TO SCALE



SEQUENCE 4
PAVE TONGASS AVE
 SCALE: NOT TO SCALE

NOTE:
 1. MODIFIED CURB AND MODIFIED DEPRESSED CURB WITH VARIABLE HEIGHT. TOP BACK OF CURB IS SET TO THE REFERENCE PROFILE.

**PLANS IN HAND
 - NOT FOR
 CONSTRUCTION**

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**KTN TONGASS AVE & WATER ST.
 VIADUCT & TUNNEL DESIGN**
 TYPICAL SECTIONS

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	20XX	C1	1

ESTIMATE OF QUANTITIES			
ITEM NO.	PAY ITEM	PAY UNIT	QUANTITY
202.0001.0000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LUMP SUM	ALL REQ'D
202.0002.0000	REMOVAL OF PAVEMENT	SQUARE YARD	27.620
202.0003.0000	REMOVAL OF SIDEWALK	SQUARE YARD	8.550
202.0004.0000	REMOVAL OF CULVERT PIPE	LINEAR FOOT	196
202.0008.0000	REMOVAL OF INLET	EACH	6
202.0009.0000	REMOVAL OF CURB AND GUTTER	LINEAR FOOT	9.900
203.0003.0000	UNCLASSIFIED EXCAVATION	CUBIC YARD	0
204.0001.0000	STRUCTURE EXCAVATION	CUBIC YARD	200
301.0001.00D1	AGGREGATE BASE COURSE, GRADING D-1	TON	1,850
303.2000.0000	LINEAR GRADING	STATION	51
401.0001.002B	ASPHALT CONCRETE, TYPE II; CLASS B	TON	3,310
401.0004.6428	ASPHALT CEMENT, GRADE PG 64-28	TON	199
401.0009.0000	LONGITUDINAL JOINT DENSITY PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQ'D
401.0010.0001	PAVEMENT SMOOTHNESS PRICE ADJUSTMENT, METHOD 1	CONTINGENT SUM	ALL REQ'D
401.0015.0000	ASPHALT MATERIAL PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQ'D
402.0001.STE1	STE-1 ASPHALT FOR TACK COAT	TON	12
410.2001.0000	PAVEMENT COLD PLANING	SQUARE YARD	33,200
511.0001.0000	MECHANICALLY STABILIZED EARTH WALL	SQUARE FOOT	320
603.0021.0008	CORRUGATED POLYETHYLENE PIPE 8 INCH	LINEAR FOOT	17
603.0021.0012	CORRUGATED POLYETHYLENE PIPE 12 INCH	LINEAR FOOT	90
603.2019.0018	LINER FOR STORM DRAIN 18 INCH, HDPE	LINEAR FOOT	72
604.0001.0001	STORM SEWER MANHOLE, TYPE I	EACH	4
604.0004.0000	ADJUST EXISTING MANHOLE	EACH	57
604.0005.000A	INLET, TYPE A	EACH	3
604.0008.0000	RECONSTRUCT MANHOLE	EACH	1
604.0012.0000	REPLACE INLET FRAME AND GRATE, BICYCLE FRIENDLY	EACH	146
604.0016.0000	ADJUST INLET FRAME AND GRATE	EACH	164
608.0001.0004	CONCRETE SIDEWALK, 4 INCHES THICK	SQUARE YARD	8,540
608.0006.0000	CURB RAMP	EACH	36
609.0002.0001	CURB AND GUTTER, TYPE 1	LINEAR FOOT	9,160
615.0001.0000	STANDARD SIGN	SQUARE FOOT	658
615.0002.0000	REMOVE AND RELOCATE EXISTING SIGN	EACH	115
622.2020.0000	BUS STOP SHELTER	EACH	7
627.0010.0000	ADJUSTMENT OF VALVE BOX	EACH	150
639.0002.0000	RESIDENCE DRIVEWAY	EACH	75
639.0003.0000	COMMERCIAL DRIVEWAY	EACH	5
640.0001.0000	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQ'D
640.0004.0000	WORKER MEALS AND LODGING, OR PER DIEM	LUMP SUM	ALL REQ'D
641.0001.0000	EROSION, SEDIMENT AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQ'D
641.0003.0000	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL	LUMP SUM	ALL REQ'D
641.0005.0000	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL BY DIRECTIVE	CONTINGENT SUM	ALL REQ'D
641.0006.0000	WITHOLDING	CONTINGENT SUM	ALL REQ'D
642.0001.0000	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQ'D
642.0004.0000	SET PRIMARY MONUMENT	EACH	7
643.0002.0000	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQ'D
643.0003.0000	PERMANENT CONSTRUCTION SIGNS	LUMP SUM	ALL REQ'D
643.0014.0000	INTERIM PAVEMENT MARKINGS	STATION	56
643.0023.0000	TRAFFIC PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQ'D
643.0025.0000	TRAFFIC CONTROL	CONTINGENT SUM	ALL REQ'D
643.0032.0000	FLAGGING	CONTINGENT SUM	ALL REQ'D
643.2005.0000	PUBLIC INFORMATION PROGRAM	LUMP SUM	ALL REQ'D
644.0001.0000	FIELD OFFICE	LUMP SUM	ALL REQ'D
644.0002.0000	FIELD LABORATORY	LUMP SUM	ALL REQ'D
644.0006.0000	VEHICLES	LUMP SUM	ALL REQ'D
660.0001.0000	TRAFFIC SIGNAL SYSTEM COMPLETE	LUMP SUM	ALL REQ'D
660.0003.0000	HIGHWAY LIGHTING SYSTEM COMPLETE	LUMP SUM	ALL REQ'D
670.0001.0000	PAINTED TRAFFIC MARKINGS	LUMP SUM	ALL REQ'D

BASIS OF ESTIMATE		
ITEM NO.	ITEM	ESTIMATING FACTOR
301.0001.00D1	AGGREGATE BASE COURSE, GRADING D-1	1.95 TONS/C.Y.
304.0001.000C	SUBBASE, GRADING C	1.95 TONS/C.Y.
401.0001.002B	ASPHALT CONCRETE, TYPE II; CLASS B	117 LBS / S.Y./IN.
401.0004.6428	ASPHALT CEMENT, GRADE PG 64-28	6.0% OF 401.0001.002B
402.0001.STE1	STE-1 ASPHALT FOR TACK COAT	0.1 GAL/S.Y.; 243 GAL/TON
670.0001.0000	PAINTED TRAFFIC MARKINGS	9810 S.F.
670.2002.0000	MMA PAVEMENT MARKINGS, INLAID	X,XXX S.F.

DRAFT 2020

PLANS IN HAND
- NOT FOR
CONSTRUCTION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KTN TONGASS AVE & WATER ST.
VIADUCT & TUNNEL DESIGN

ESTIMATE OF QUANTITIES

FILE Q:\ktn\68091\Plans\68091_D1_SUM.dwg
 DATE 9/29/2020 9:04
 LAYOUT D1
 DESIGNED T. FAGNANT
 CHECKED C. TRIPP
 DRAFTED T. FAGNANT

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	20XX	D1	3

202.0001.0000 REMOVAL OF STRUCTURES & OBSTRUCTIONS		
STATION	OFFSET	REMARKS
83+30	LT	REMOVE BUS SHELTER

202.0002.0000 REMOVAL OF PAVEMENT		
LOCATION	AREA (S.Y.)	REMARKS
MAINLINE: 45+60 TO 100+75	25,530	REMOVE ENTIRE THICKNESS OF EXISTING ASPHALT
3RD AVE	158	REMOVE 2" ASPHALT CONCRETE PAVEMENT
2ND AVE	319	REMOVE 2" ASPHALT CONCRETE PAVEMENT
MADISON STREET	165	REMOVE 2" ASPHALT CONCRETE PAVEMENT
JEFFERSON STREET N.	229	REMOVE 2" ASPHALT CONCRETE PAVEMENT
JEFFERSON STREET S.	373	REMOVE 2" ASPHALT CONCRETE PAVEMENT
ADAMS STREET	38	REMOVE 2" ASPHALT CONCRETE PAVEMENT
WASHINGTON STREET N.	85	REMOVE 2" ASPHALT CONCRETE PAVEMENT
WASHINGTON STREET S.	415	REMOVE 2" ASPHALT CONCRETE PAVEMENT
AUSTIN STREET	88	REMOVE 2" ASPHALT CONCRETE PAVEMENT
WHITELIFF AVE	82	REMOVE 2" ASPHALT CONCRETE PAVEMENT
NADEAU STREET	69	REMOVE 2" ASPHALT CONCRETE PAVEMENT
1ST AVE	74	REMOVE 2" ASPHALT CONCRETE PAVEMENT

202.0003.0000 REMOVAL OF SIDEWALK			
FROM STA.	TO STA.	AREA (S.Y.)	REMARKS
45+60	100+75	8550	LT & RT SIDEWALK REMOVAL; SIDEWALK GAPS AT INTERSECTIONS

202.0004.0000 REMOVAL OF CULVERT PIPE				
FROM STA.	TO STA.	OFFSET	LENGTH (FT)	REMARKS
47+67	47+67	LT	5	4" CPP
56+38	57+28	LT	94	4" PVC
58+85	59+02	LT	75	8" CMP
58+99	58+99	LT	3	8" CMP
69+33	69+25	LT	10	8" CMP
69+26	69+32	LT	9	18" CMP
TOTAL			196	

202.0008.0000 REMOVAL OF INLET			
STATION	OFFSET (FT)		REMARKS
49+01	28	LT	
50+35	28	LT	
52+36	28	LT	
58+99	22	LT	
69+26	33	LT	
98+74	41	LT	

202.0009.0003 REMOVAL OF CURB & GUTTER			
FROM STA.	TO STA.	LENGTH (FT)	REMARKS
45+60	100+75	9,900	LT & RT CURB & GUTTER REMOVAL; CURB & GUTTER GAPS AT INTERSECTIONS

603.0021.0008 CORRUGATED POLYETHYLENE PIPE 8 INCH				
FROM STA/OFF.	FROM STA/OFF.	LENGTH (FT)		REMARKS
47+67	35' LT	47+67	32' LT	4
69+33	40' LT	69+23	36' LT	13

603.0021.0012 CORRUGATED POLYETHYLENE PIPE 12 INCH				
FROM STA/OFF.	FROM STA/OFF.	LENGTH (FT)		REMARKS
58+86	23' LT	58+98	25' LT	71
58+98	25' LT	59+02	25' LT	4
58+98	22' LT	58+98	25' LT	2
69+23	36' LT	69+32	25' LT	73

603.2019.0018 LINER FOR STORM DRAIN 18 INCH, HDPE SNAP-TITE				
FROM STA/OFF.	FROM STA/OFF.	LENGTH (FT)		REMARKS
98+74	39' LT	98+89	31' RT	72

604.0001.0001 STORM SEWER MANHOLE, TYPE I			
STATION	OFFSET (FT)		REMARKS
49+01	28	LT	
50+35	28	LT	
52+36	28	LT	
98+74	41	LT	

604.0005.000A INLET, TYPE A			
STATION	OFFSET (FT)		REMARKS
47+67	36	LT	
58+98	22	LT	
69+23	36	LT	

604.0004.0000 ADJUST EXISTING MANHOLE		
STATION	OFFSET	REMARKS
46+43	16	RT
47+92	15	RT
50+92	36	LT
51+21	16	RT
54+90	16	RT
59+37	14	RT
59+39	16	LT
59+03	25	LT
59+09	18	LT
59+41	22	LT
59+88	26	LT
61+26	15	RT
62+97	24	LT
63+08	21	LT
63+26	17	LT
63+47	10	LT
63+48	17	RT
64+24	22	LT
64+57	24	LT
65+36	17	RT
67+13	25	LT
67+19	17	RT
67+30	15	LT
69+33	24	LT
69+46	17	RT
71+44	23	LT
71+50	17	LT
71+56	28	LT
71+71	2	LT
71+71	17	RT
72+38	29	LT
73+71	15	LT
73+74	18	RT
74+60	28	LT
75+11	15	LT
75+14	13	RT
75+25	26	LT
76+51	17	RT
79+50	17	RT
79+64	34	RT
82+39	10	RT
82+51	18	LT
83+23	17	LT
84+51	9	RT
86+06	13	LT
87+35	5	RT
87+71	14	RT
87+90	8	RT
87+95	25	LT
90+72	16	RT
90+84	43	LT
90+98	22	LT
93+61	8	RT
95+57	5	RT
96+20	26	LT
99+60	3	LT
100+68	28	LT
	57	

608.0001.0004 CONCRETE SIDEWALK, 4 INCHES THICK					
FROM STA.	TO STA.	OFFSET	LENGTH (FT.)	WIDTH	REMARKS
59+72	60+02	CL	30	6.0	PEDESTRIAN ISLAND
90+39	90+70	CL	31	6.0	PEDESTRIAN ISLAND
45+85	47+13	LT	128	5.0	
47+13	48+05	LT	92	5.0	BUS STOP
48+05	50+56	LT	251	5.0	
50+56	50+56	LT	33	5.0	COMMERCIAL DRIVEWAY
51+03	56+23	LT	520	5.0	
56+23	57+40	LT	120	5.0	BUS STOP
57+40	58+91	LT	151	5.0	
59+26	59+08	LT	42	5.0	
59+34	59+05	LT	29	5.0	
59+05	59+05	LT	34	4.5	3RD AVE
59+94	59+94	LT	42	4.5	3RD AVE
59+94	63+45	LT	351	6.5	
63+45	63+45	LT	113	4.5	2ND AVE
64+47	69+10	LT	463	6.5	
69+10	70+25	LT	118	7.5	BUS STOP
70+25	70+84	LT	59	7.5	
70+84	70+84	LT	28	5.0	MADISON ST
71+53	71+53	LT	34	5.0	MADISON ST
71+53	74+68	LT	315	7.5	
74+68	74+68	LT	50	7.5	JEFFERSON ST - N.
75+67	75+67	LT	60	7.5	JEFFERSON ST - N.
75+67	79+32	LT	365	7.5	
79+44	82+17	LT	273	7.5	
82+17	82+17	LT	26	4.5	WASHINGTON ST - N.
82+58	82+58	LT	26	6.0	WASHINGTON ST - N.
82+58	83+27	LT	69	15.0	
83+27	84+37	LT	110	7.5	
84+37	84+37	LT	17	7.5	AUSTIN ST
84+77	84+77	LT	26	4.5	AUSTIN ST
84+77	87+76	LT	299	7.5	
87+76	87+76	LT	27	4.0	WHITELIFF STREET
88+16	88+16	LT	24	4.0	WHITELIFF STREET
88+16	90+66	LT	250	7.5	
90+66	90+66	LT	27	4.0	NADEAU STREET
91+05	91+05	LT	19	4.0	NADEAU STREET
91+05	92+06	LT	101	7.5	
92+06	93+08	LT	104	7.5	BUS STOP
93+08	95+43	LT	235	7.5	
95+84	95+84	LT	17	4.0	1ST AVE
95+84	100+75	LT	491	7.5	
46+15	48+11	RT	196	6.0	
48+11	52+18	RT	407	6.5	
52+18	53+56	RT	141	6.5	BUS STOP
53+56	59+44	RT	588	6.5	
59+44	62+53	RT	367	7.5	
62+74	67+16	RT	442	7.5	
67+42	67+47	RT	5	7.5	
67+47	68+54	RT	110	7.5	BUS STOP
68+54	74+94	RT	640	7.5	
74+94	74+94	RT	99	7.5	JEFFERSON STREET - S.
75+89	75+89	RT	65	7.5	JEFFERSON STREET - S.
75+89	78+49	RT	260	7.5	
78+92	79+23	RT	31	7.5	
79+23	80+96	RT	183	7.5	BUS STOP
80+96	81+87	RT	91	7.5	
81+87	81+87	RT	110	6.0	WASHINGTON ST - S.
83+07	83+07	RT	103	6.0	WASHINGTON ST - S.
83+10	87+05	RT	395	7.5	
87+30	87+30	RT	20	4.0	COMMERCIAL DRIVEWAY
87+51	100+75	RT	1324	7.5	

NOTE: MATCH NEW SIDEWALK WIDTH TO TOE OF EXISTING RETAINING WALL WHERE RETAINING WALL EXISTS.

PLANS IN HAND
 - NOT FOR
 CONSTRUCTION

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**KTN TONGASS AVE & WATER ST.
 VIADUCT & TUNNEL DESIGN**

SUMMARIES

FILE Q:\ktn\68091\PlanSet\68091_D1_SUM.dwg DATE 9/29/2020 9:04 LAYOUT D1 DESIGNED T. FAGNANT CHECKED C. TRIPP DRAFTED T. FAGNANT

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	20XX	D1	3

202.0001.0000 REMOVAL OF STRUCTURES & OBSTRUCTIONS		
STATION	OFFSET	REMARKS
83+30	LT	REMOVE BUS SHELTER

202.0002.0000 REMOVAL OF PAVEMENT		
LOCATION	AREA (S.Y.)	REMARKS
MAINLINE: 45+60 TO 100+75	25,530	REMOVE ENTIRE THICKNESS OF EXISTING ASPHALT
3RD AVE	158	REMOVE 2" ASPHALT CONCRETE PAVEMENT
2ND AVE	319	REMOVE 2" ASPHALT CONCRETE PAVEMENT
MADISON STREET	165	REMOVE 2" ASPHALT CONCRETE PAVEMENT
JEFFERSON STREET N.	229	REMOVE 2" ASPHALT CONCRETE PAVEMENT
JEFFERSON STREET S.	373	REMOVE 2" ASPHALT CONCRETE PAVEMENT
ADAMS STREET	38	REMOVE 2" ASPHALT CONCRETE PAVEMENT
WASHINGTON STREET N.	85	REMOVE 2" ASPHALT CONCRETE PAVEMENT
WASHINGTON STREET S.	415	REMOVE 2" ASPHALT CONCRETE PAVEMENT
AUSTIN STREET	88	REMOVE 2" ASPHALT CONCRETE PAVEMENT
WHITECLIFF AVE	82	REMOVE 2" ASPHALT CONCRETE PAVEMENT
NADEAU STREET	69	REMOVE 2" ASPHALT CONCRETE PAVEMENT
1ST AVE	74	REMOVE 2" ASPHALT CONCRETE PAVEMENT

202.0003.0000 REMOVAL OF SIDEWALK			
FROM STA.	TO STA.	AREA (S.Y.)	REMARKS
45+60	100+75	8550	LT & RT SIDEWALK REMOVAL; SIDEWALK GAPS AT INTERSECTIONS

202.0004.0000 REMOVAL OF CULVERT PIPE				
FROM STA.	TO STA.	OFFSET	LENGTH (FT)	REMARKS
47+67	47+67	LT	5	4" CPP
56+38	57+28	LT	94	4" PVC
58+85	59+02	LT	75	8" CMP
58+99	58+99	LT	3	8" CMP
69+33	69+25	LT	10	8" CMP
69+26	69+32	LT	9	18" CMP
TOTAL			196	

202.0008.0000 REMOVAL OF INLET			
STATION	OFFSET (FT)	REMARKS	
49+01	28	LT	
50+35	28	LT	
52+36	28	LT	
58+99	22	LT	
69+26	33	LT	
98+74	41	LT	

202.0009.0003 REMOVAL OF CURB & GUTTER			
FROM STA.	TO STA.	LENGTH (FT)	REMARKS
45+60	100+75	9,900	LT & RT CURB & GUTTER REMOVAL; CURB & GUTTER GAPS AT INTERSECTIONS

604.0004.0000 ADJUST EXISTING MANHOLE		
STATION	OFFSET	REMARKS
46+43	16	RT
47+92	15	RT
51+21	16	RT
54+90	16	RT
59+37	14	RT
59+39	16	LT
59+09	18	LT
59+41	22	LT
61+26	15	RT
63+08	21	LT
63+26	17	LT
63+47	10	LT
63+48	17	RT
64+24	22	LT
65+36	17	RT
67+19	17	RT
67+30	15	LT
69+46	17	RT
71+44	23	LT
71+50	17	LT
71+71	2	LT
71+71	17	RT
73+71	15	LT
73+74	18	RT
75+11	15	LT
75+14	13	RT
75+25	26	LT
76+51	17	RT
79+60	17	RT
82+39	10	RT
82+51	18	LT
83+23	17	LT
84+51	9	RT
86+06	13	LT
87+35	5	RT
87+71	14	RT
87+90	8	RT
87+95	25	LT
90+48	43	LT
90+72	16	RT
93+61	8	RT
95+57	5	RT
96+20	26	LT
99+60	3	LT
100+68	28	LT

608.0001.0004 CONCRETE SIDEWALK, 4 INCHES THICK					
FROM STA.	TO STA.	OFFSET	LENGTH (FT.)	WIDTH	REMARKS
59+72	60+02	CL	30	6.0	PEDESTRIAN ISLAND
90+39	90+70	CL	31	6.0	PEDESTRIAN ISLAND
45+85	47+13	LT	128	5.0	
47+13	48+05	LT	92	5.0	BUS STOP
48+05	50+56	LT	251	5.0	
50+56	50+56	LT	33	5.0	COMMERCIAL DRIVEWAY
51+03	56+23	LT	520	5.0	
56+23	57+40	LT	120	5.0	BUS STOP
57+40	58+91	LT	151	5.0	
59+26	59+08	LT	42	5.0	
59+34	59+05	LT	29	5.0	
59+05	59+05	LT	34	4.5	3RD AVE
59+94	59+94	LT	42	4.5	3RD AVE
59+94	63+45	LT	351	6.5	
63+45	63+45	LT	113	4.5	2ND AVE
64+47	69+10	LT	463	6.5	
69+10	70+25	LT	118	7.5	BUS STOP
70+25	70+84	LT	59	7.5	
70+84	70+84	LT	28	5.0	MADISON ST
71+53	71+53	LT	34	5.0	MADISON ST
71+53	74+68	LT	315	7.5	
74+68	74+68	LT	50	7.5	JEFFERSON ST - N.
75+67	75+67	LT	60	7.5	JEFFERSON ST - N.
75+67	79+32	LT	365	7.5	
79+44	82+17	LT	273	7.5	
82+17	82+17	LT	26	4.5	WASHINGTON ST - N.
82+58	82+58	LT	26	6.0	WASHINGTON ST - N.
82+58	83+27	LT	69	15.0	
83+27	84+37	LT	110	7.5	
84+37	84+37	LT	17	7.5	AUSTIN ST
84+77	84+77	LT	26	4.5	AUSTIN ST
84+77	87+76	LT	299	7.5	
87+76	87+76	LT	27	4.0	WHITTECLIFF STREET
88+16	88+16	LT	24	4.0	WHITTECLIFF STREET
88+16	90+66	LT	250	7.5	
90+66	90+66	LT	27	4.0	NADEAU STREET
91+05	91+05	LT	19	4.0	NADEAU STREET
91+05	92+06	LT	101	7.5	
92+06	93+08	LT	104	7.5	BUS STOP
93+08	95+43	LT	235	7.5	
95+84	95+84	LT	17	4.0	1ST AVE
95+84	100+75	LT	491	7.5	
46+15	48+11	RT	196	6.0	
48+11	52+18	RT	407	6.5	
52+18	53+56	RT	141	6.5	BUS STOP
53+56	59+44	RT	588	6.5	
59+44	62+53	RT	367	7.5	
62+74	67+16	RT	442	7.5	
67+42	67+47	RT	5	7.5	
67+47	68+54	RT	110	7.5	BUS STOP
68+54	74+94	RT	640	7.5	
74+94	74+94	RT	99	7.5	JEFFERSON STREET - S.
75+89	75+89	RT	65	7.5	JEFFERSON STREET - S.
75+89	78+49	RT	260	7.5	
78+92	79+23	RT	31	7.5	
79+23	80+96	RT	183	7.5	BUS STOP
80+96	81+87	RT	91	7.5	
81+87	81+87	RT	110	6.0	WASHINGTON ST - S.
83+07	83+07	RT	103	6.0	WASHINGTON ST - S.
83+10	87+05	RT	395	7.5	
87+30	87+30	RT	20	4.0	COMMERCIAL DRIVEWAY
87+51	100+75	RT	1324	7.5	

NOTE: MATCH NEW SIDEWALK WIDTH TO TOE OF EXISTING RETAINING WALL WHERE RETAINING WALL EXISTS.

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 KTN TONGASS AVE & WATER ST.
 VIADUCT & TUNNEL DESIGN

SUMMARIES

FILE Q:\ktn\68091\Plans\68091_D1_SUM.dwg DATE 9/29/2020 9:04 LAYOUT D2 DESIGNED T. FAGNANT CHECKED C. TRIPP DRAFTED T. FAGNANT

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	20XX	D2	3

608.0006.0000 CURB RAMP		
STATION	OFFSET	REMARKS
50+53	LT	SIDEWALK @ DRIVEWAY
51+17	LT	SIDEWALK @ DRIVEWAY
58+89	LT	SIDEWALK @ DRIVEWAY
59+05	LT	SIDEWALK @ 3RD AVE
59+34	LT	SIDEWALK @ DRIVEWAY
59+88	CL	PEDESTRIAN ISLAND
59+95	LT	SIDEWALK @ 3RD AVE
62+50	RT	SIDEWALK @ DRIVEWAY
62+78	RT	SIDEWALK @ DRIVEWAY
63+45	LT	SIDEWALK @ 2ND AVE
64+52	LT	SIDEWALK @ 2ND AVE
67+09	RT	SIDEWALK @ DRIVEWAY
67+49	RT	SIDEWALK @ DRIVEWAY
70+82	LT	SIDEWALK @ MADISON ST
71+56	LT	SIDEWALK @ MADISON ST
74+63	LT	SIDEWALK @ JEFFERSON ST
74+95	RT	SIDEWALK @ JEFFERSON ST
75+73	LT	SIDEWALK @ JEFFERSON ST
75+91	RT	SIDEWALK @ JEFFERSON ST
79+27	LT	SIDEWALK @ ADAMS ST
79+46	LT	SIDEWALK @ ADAMS ST
81+84	RT	SIDEWALK @ WASHINGTON ST
82+14	LT	SIDEWALK @ WASHINGTON ST
82+60	LT	SIDEWALK @ WASHINGTON ST
83+11	RT	SIDEWALK @ WASHINGTON ST
84+37	LT	SIDEWALK @ AUSTIN ST
84+87	LT	SIDEWALK @ AUSTIN ST
87+05	LT	SIDEWALK @ DRIVEWAY
87+51	LT	SIDEWALK @ DRIVEWAY
87+79	LT	SIDEWALK @ WHITECLIFF ST
88+15	LT	SIDEWALK @ WHITECLIFF ST
90+55	CL	PEDESTRIAN ISLAND
90+65	LT	SIDEWALK @ NADEAU ST
91+07	LT	SIDEWALK @ NADEAU ST
95+36	LT	SIDEWALK @ 1ST AVE
95+86	LT	SIDEWALK @ 1ST AVE

615.0005.0000 DELINEATOR, FLEXIBLE		
STATION	OFFSET	REMARKS
59+87	CL	PEDESTRIAN ISLAND, SEE DETAIL 1/E2
90+55	CL	PEDESTRIAN ISLAND, SEE DETAIL 1/E2

609.0002.0001 CURB & GUTTER, TYPE 1				
FROM STA.	TO STA.	OFFSET	LENGTH (FT.)	REMARKS
59+72	60+02	CL	71	PEDESTRIAN ISLAND
90+39	90+70	CL	71	PEDESTRIAN ISLAND
45+60	50+53	LT	493	
46+52	69+13	LT	2261	
50+84	50+84	LT	57	COMMERCIAL DRIVEWAY
51+17	56+28	LT	511	
56+28	57+30	LT	104	BUS STOP
57+30	59+05	LT	175	
59+09	59+09	LT	22	COMMERCIAL DRIVEWAY
59+49	59+49	LT	89	3RD AVE
59+95	63+45	LT	350	
63+85	63+85	LT	154	2ND AVE
69+13	70+16	LT	104	BUS STOP
70+16	70+82	LT	66	
71+56	74+63	LT	307	
75+27	75+27	LT	73	JEFFERSON ST - N.
75+72	79+28	LT	356	
79+38	79+38	LT	18	ADAMS ST
79+46	82+14	LT	268	
82+38	82+38	LT	63	WASHINGTON ST - N.
82+60	84+37	LT	177	
84+55	84+55	LT	70	AUSTIN ST
84+87	87+78	LT	291	
87+95	87+95	LT	56	WHITECLIFF STREET
88+15	90+65	LT	250	
90+78	90+78	LT	53	NADEAU STREET
91+07	92+06	LT	99	
92+06	93+57	LT	104	BUS STOP
93+57	95+36	LT	179	
95+63	95+63	LT	63	1ST AVE
95+86	100+75	LT	489	
45+60	52+18	RT	658	
52+18	53+56	RT	141	BUS STOP
53+56	67+09	RT	1353	
62+63	62+63	RT	27	COMMERCIAL DRIVEWAY
67+29	67+29	RT	29	COMMERCIAL DRIVEWAY
67+49	68+51	RT	104	BUS STOP
68+51	74+89	RT	638	
75+34	75+34	RT	182	JEFFERSON ST - S.
75+92	79+17	RT	325	
79+17	80+99	RT	192	BUS STOP
80+99	81+83	RT	84	
82+33	82+33	RT	222	WASHINGTON ST - S.
83+10	87+05	RT	395	
87+30	87+30	RT	37	COMMERCIAL DRIVEWAY
87+51	100+75	RT	1324	

627.0010.0000 ADJUSTMENT OF VALVE BOXES		
STATION	OFFSET	REMARKS
46+35	26.46	RT
46+97	24.20	LT
46+98	18.08	LT
46+98	25.47	LT
47+31	11.20	LT
47+86	7.75	LT
48+85	13.67	LT
49+38	7.57	LT
49+85	26.55	RT
50+23	9.51	LT
50+25	13.29	LT
50+26	9.36	LT
51+43	7.33	LT
52+93	26.03	RT
53+07	13.77	LT
53+22	13.71	LT
54+62	24.19	RT
55+84	9.49	LT
56+35	16.81	LT
59+00	25.30	RT
59+02	26.40	RT
59+03	7.60	LT
59+05	21.25	RT
59+32	12.73	LT
59+46	18.36	LT
59+47	11.99	LT
59+49	28.74	LT
59+54	14.55	LT
59+68	27.72	RT
59+77	5.52	RT
60+16	5.16	RT
60+25	3.59	RT
60+60	5.38	RT
61+06	3.61	RT
61+22	5.07	RT
61+38	5.24	RT
61+62	3.68	RT
62+13	5.13	RT
62+50	3.11	RT
62+59	5.19	RT
63+54	3.14	RT
64+27	4.20	RT
64+30	2.93	RT
64+54	2.81	RT
64+62	45.94	LT
65+63	4.75	RT
66+02	4.87	RT
67+31	5.45	RT
67+84	3.45	RT
68+80	3.55	RT
69+76	5.53	RT
69+88	4.57	RT
69+90	3.07	RT
69+91	4.58	RT
70+57	3.75	RT
70+76	6.09	RT
71+63	2.94	RT
71+65	5.21	RT
71+69	11.43	RT
71+73	20.07	RT
71+97	5.13	RT
71+99	5.50	RT
72+97	4.98	RT
74+02	5.22	RT
75+11	0.11	RT
75+28	10.64	LT
75+30	2.10	LT
75+82	5.02	LT
76+65	2.50	LT
76+99	5.28	LT
78+06	3.04	LT
78+14	3.30	LT
78+25	5.10	LT
79+21	3.28	LT
79+24	4.92	LT
79+26	3.44	LT
80+70	3.91	LT
80+74	1.47	LT

627.0010.0000 ADJUSTMENT OF VALVE BOXES		
STATION	OFFSET	REMARKS
81+76	4.37	LT
82+27	5.07	LT
82+64	4.91	LT
84+50	12.92	LT
84+58	4.17	LT
84+60	5.60	LT
84+61	34.91	LT
85+52	6.52	LT
85+79	7.58	LT
86+42	9.23	LT
86+95	10.95	LT
87+14	10.45	LT
87+26	8.43	LT
87+84	7.01	RT
87+75	11.45	LT
87+86	9.81	RT
87+89	11.26	RT
88+30	8.85	LT
88+34	6.98	LT
88+37	6.19	LT
88+54	8.33	LT
88+67	6.00	LT
88+87	6.32	LT
89+07	5.71	LT
89+35	4.79	LT
89+87	1.08	LT
89+97	2.24	LT
90+86	3.94	LT
90+89	5.42	LT
90+91	3.32	LT
91+10	5.53	LT
91+82	2.53	LT
92+01	4.39	LT
92+73	2.99	LT
92+76	3.45	LT
93+33	5.62	LT
93+66	5.39	LT
93+83	3.27	LT
94+06	3.05	LT
94+32	5.43	LT
94+36	3.45	LT
94+97	5.68	LT
95+59	6.15	LT
95+65	14.58	LT
95+67	14.67	LT
95+70	13.82	LT
95+97	16.83	LT
96+29	16.41	LT
96+30	17.71	LT
97+58	14.60	LT
97+63	14.62	LT
98+91	18.81	LT
98+96	16.95	LT
99+04	26.65	RT
99+55	27.08	LT
100+38	12.30	LT
100+62	1.16	RT
100+67	25.29	LT
100+70	25.34	LT
100+71	2.82	RT
100+73	12.77	RT
100+73	17.42	RT
100+74	28.21	LT
100+75	26.04	LT
100+77	15.68	RT
100+77	14.27	RT
100+78	0.36	RT
100+78	2.63	RT
101+12	28.03	LT
101+46	3.86	RT
101+54	28.29	LT
101+72	1.34	RT

DRAFT

PLANS IN HAND
- NOT FOR
CONSTRUCTION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

KTN TONGASS AVE & WATER ST.
VIADUCT & TUNNEL DESIGN

68091_D1_SUM - D2

FILE Q:\ktn\68091\Planset\68091_D1_SUM.dwg DATE 9/29/2020 13:25 LAYOUT D3 DESIGNED T. FAGNANT CHECKED C. TRIPP DRAFTED T. FAGNANT

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	20XX	D3	3

639.0002.0000 DRIVEWAY, RESIDENTIAL

STATION	OFFSET	WIDTH (FT.)	REMARKS
45+92	LT	14	
49+03	LT	58	
50+86	LT	63	
55+75	LT	24	
59+10	LT	44	
68+93	LT	15	
70+68	LT	25	
71+99	LT	30	
72+96	LT	37	
73+65	LT	12	
74+01	LT	18	
76+37	LT	75	
77+35	LT	22	
78+03	LT	33	
80+03	LT	19	
80+85	LT	17	
81+29	LT	19	
81+84	LT	23	
83+36	LT	17	
85+00	LT	22	
85+62	LT	13	
86+10	LT	15	
86+66	LT	26	
89+63	LT	23	
91+26	LT	14	
92+39	LT	22	
93+29	LT	21	
83+80	LT	11	
94+66	LT	29	
95+04	LT	12	
97+00	LT	14	
98+30	LT	93	
99+25	LT	54	
100+30	LT	53	
47+07	RT	45	
48+95	RT	28	
49+49	RT	23	
50+57	RT	18	
51+30	RT	21	
52+36	RT	20	
53+90	RT	33	
54+76	RT	19	
57+17	RT	37	
58+00	RT	29	
59+27	RT	27	
59+28	RT	27	
60+22	RT	25	
60+69	RT	12	
61+26	RT	13	
61+69	RT	24	
62+64	RT	29	
62+92	RT	16	
65+25	RT	26	
66+10	RT	14	
66+64	RT	48	
67+28	RT	35	
68+85	RT	30	
69+33	RT	13	
70+43	RT	22	
71+05	RT	19	
71+32	RT	14	
72+31	RT	15	
72+81	RT	27	
73+66	RT	27	
77+04	RT	68.28	
87+30	RT	43	
88+88	RT	14.46	
89+68	RT	24.29	
90+73	RT	13.47	
91+55	RT	27.38	
92+04	RT	13.34	
93+22	RT	28	
94+26	RT	69	
95+50	RT	73.46	
96+61	RT	14.86	
97+37	RT	28.12	
98+62	RT	40	
99+14	RT	25	
99+45	RT	38	
100+31	RT	19	

639.0003.0000 DRIVEWAY, COMMERCIAL

STATION	OFFSET	WIDTH (FT.)	LENGTH (FT.)	RADIUS		REMARKS
				LT	RT	
50+84	LT	63	16	20	24	
59+09	LT	46	9	6	15	
62+65	RT	27	10	5	6	
67+30	RT	40	11	9	9	
87+29	RT	45	15	9	7	

670.0001.0000 PAINTED TRAFFIC MARKINGS

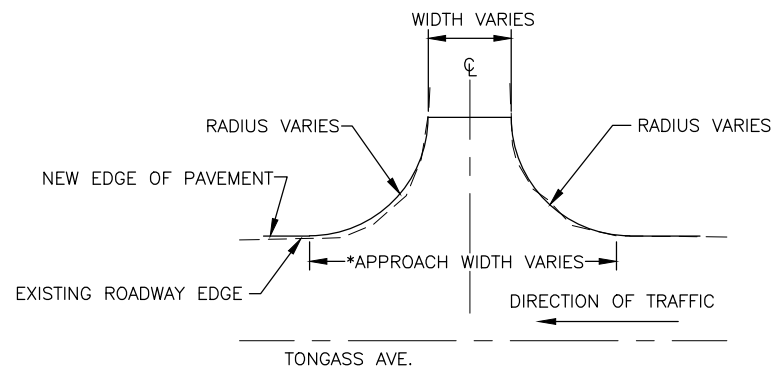
QUANTITY	REMARKS
9810	S.F. SEE H SHEETS

DRAFT OCT 2020

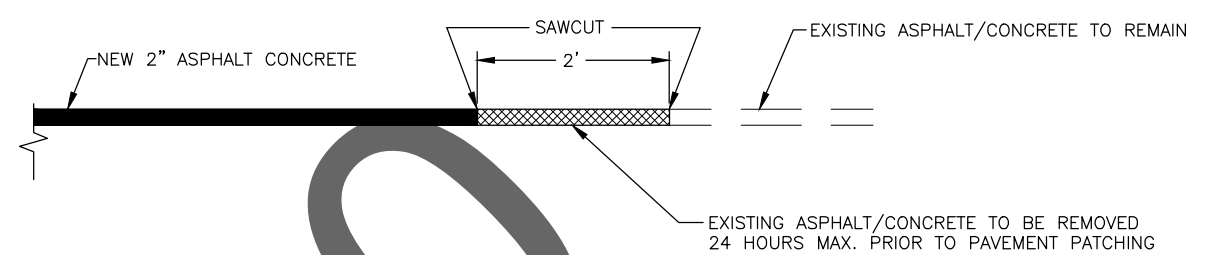
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
KTN TONGASS AVE & WATER ST.
VIADUCT & TUNNEL DESIGN

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	2020	E1	2

FILE G:\ktn\68091\Planset\68091_E1_MISC.dwg
 DATE 9/24/2020 17:34 LAYOUT E1
 DESIGNED STAFF
 CHECKED STAFF
 DRAFTED STAFF
 STAFF

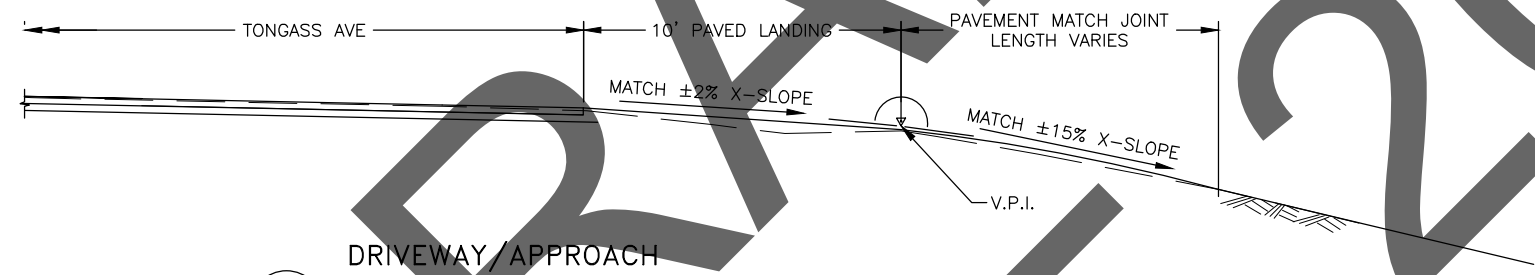


1 DRIVWAY/APPROACH DETAILS
 E1 SCALE: NOT TO SCALE



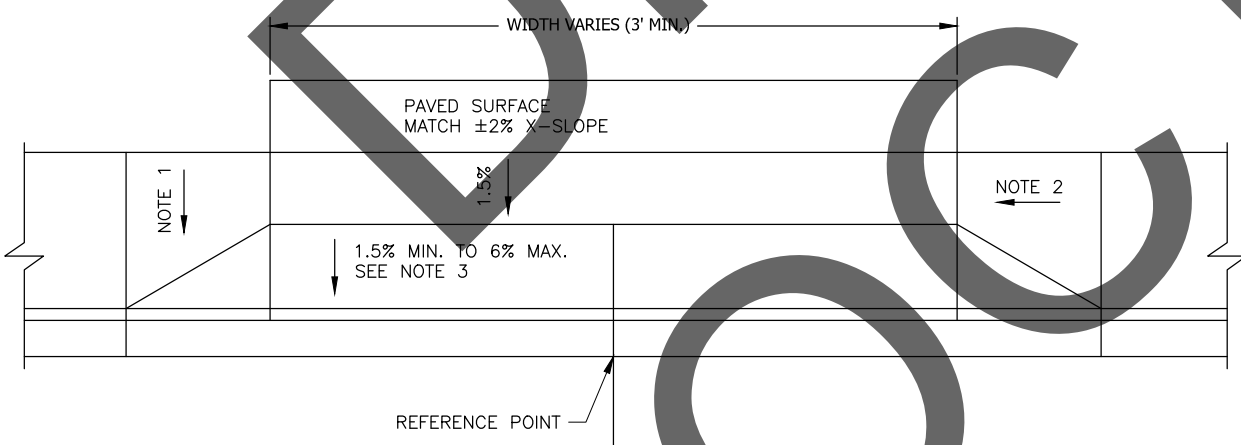
2 PAVEMENT MATCH JOINT DETAIL
 E1 EXISTING PAVED APPROACHES
 SCALE: NOT TO SCALE

*SEE EXISTING CURB CUT DRIVEWAYS SUMMARY TABLE ON SHEET D1 FOR APPROACH WIDTHS



3 DRIVWAY/APPROACH TYPICAL PROFILE
 E1 SCALE: NOT TO SCALE

- NOTE:
1. TRANSITION RAMP BETWEEN ELEVATIONS AT BACK OF SIDEWALK
 2. SLOPE VARIES BETWEEN 0% TO 8.3%
 3. ADJUST SLOPE TO STAY WITHIN ROW OR TEMPORARY EASEMENTS



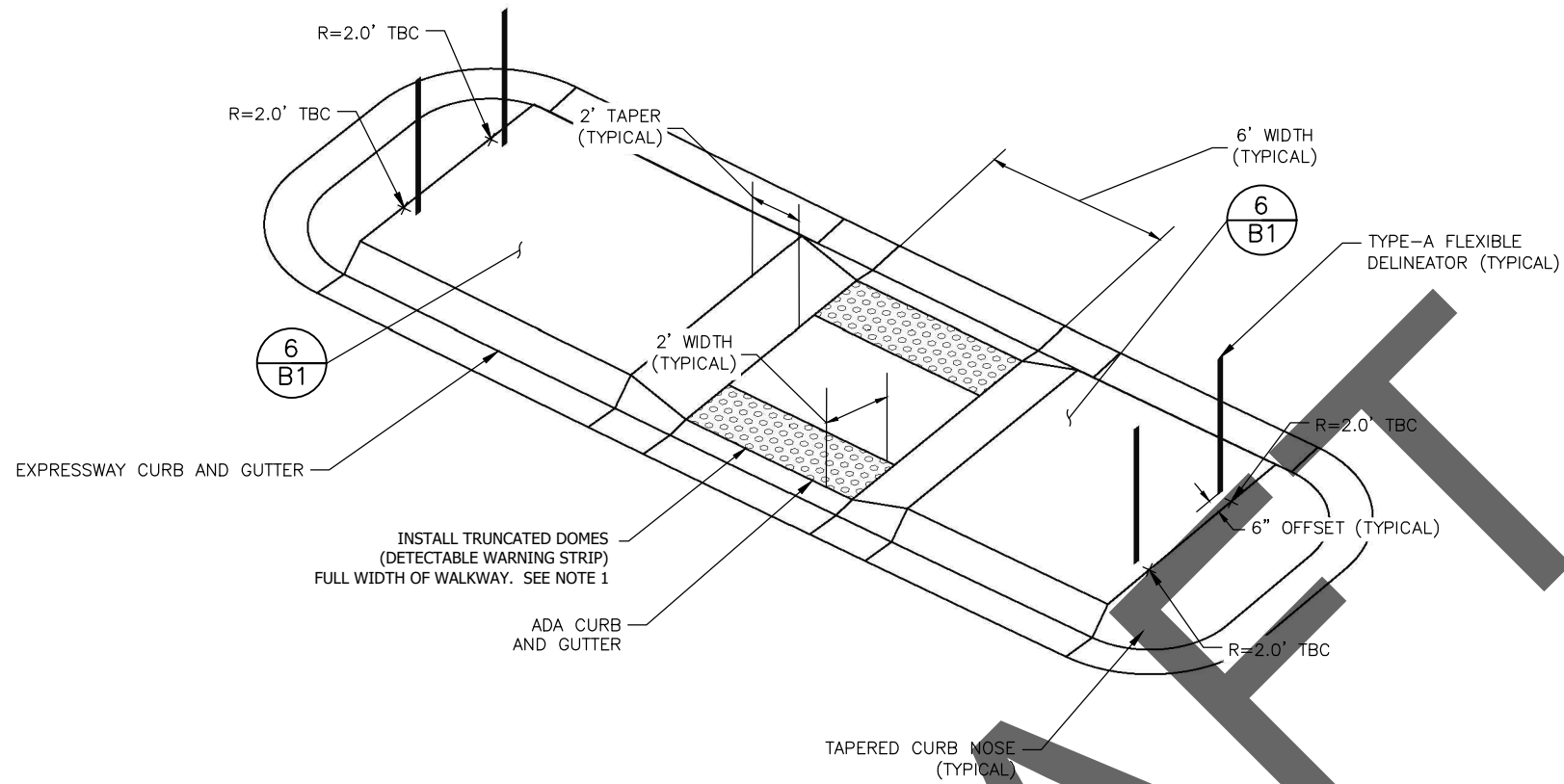
4 DRIVWAY CURB CUT DETAILS
 E1 SCALE: NOT TO SCALE

PLANS IN HAND
 - NOT FOR
 CONSTRUCTION

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**KTN TONGASS AVE & WATER ST.
 VIADUCT & TUNNEL DESIGN**

 MISCELLANEOUS DETAILS

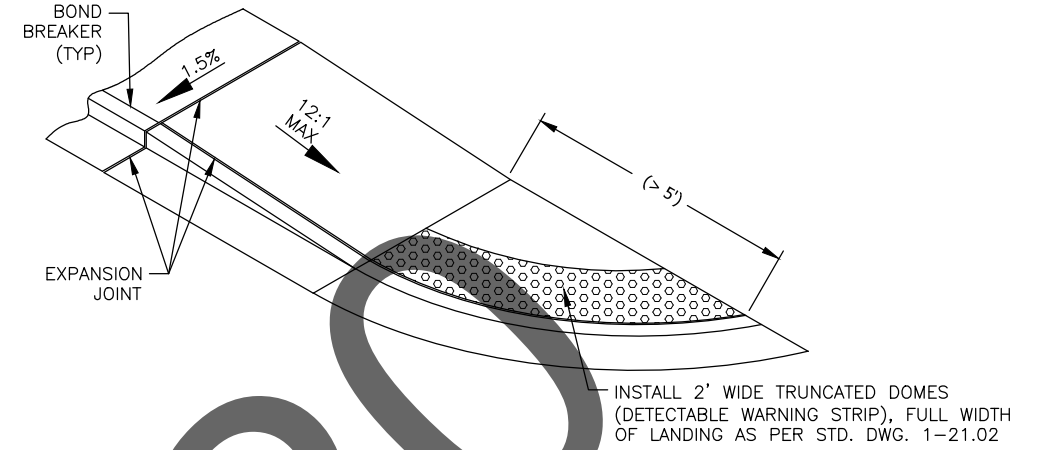
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	2020	E2	2



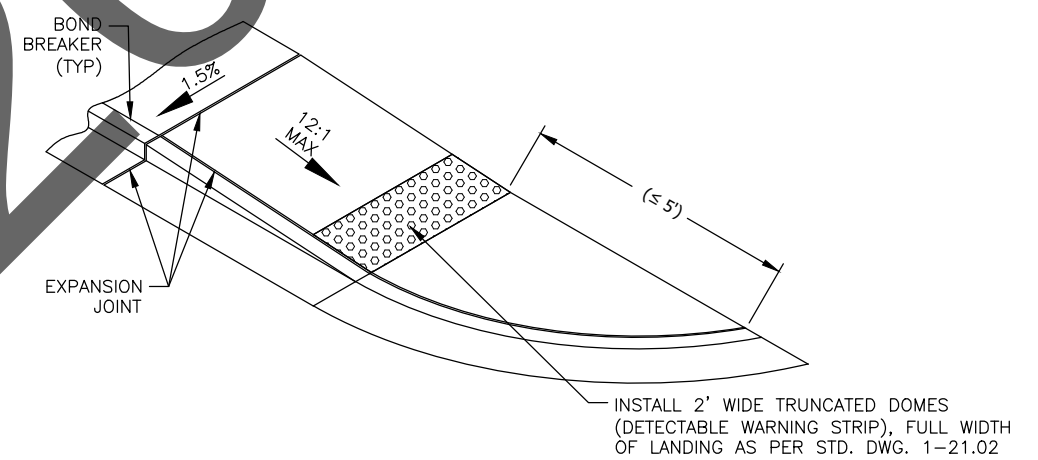
1 PEDESTRIAN ISLAND
SCALE: NOT TO SCALE

PEDESTRIAN ISLAND NOTES

1. CROWN ISLAND AT CENTER OF SIDEWALK SO DRAINAGE IS OUTWARD, OFF ISLAND.
2. SEE STANDARD DRAWING, I-21.11



2 UNIDIRECTIONAL CURB RAMP
SCALE: NOT TO SCALE



2 UNIDIRECTIONAL CURB RAMP
SCALE: NOT TO SCALE

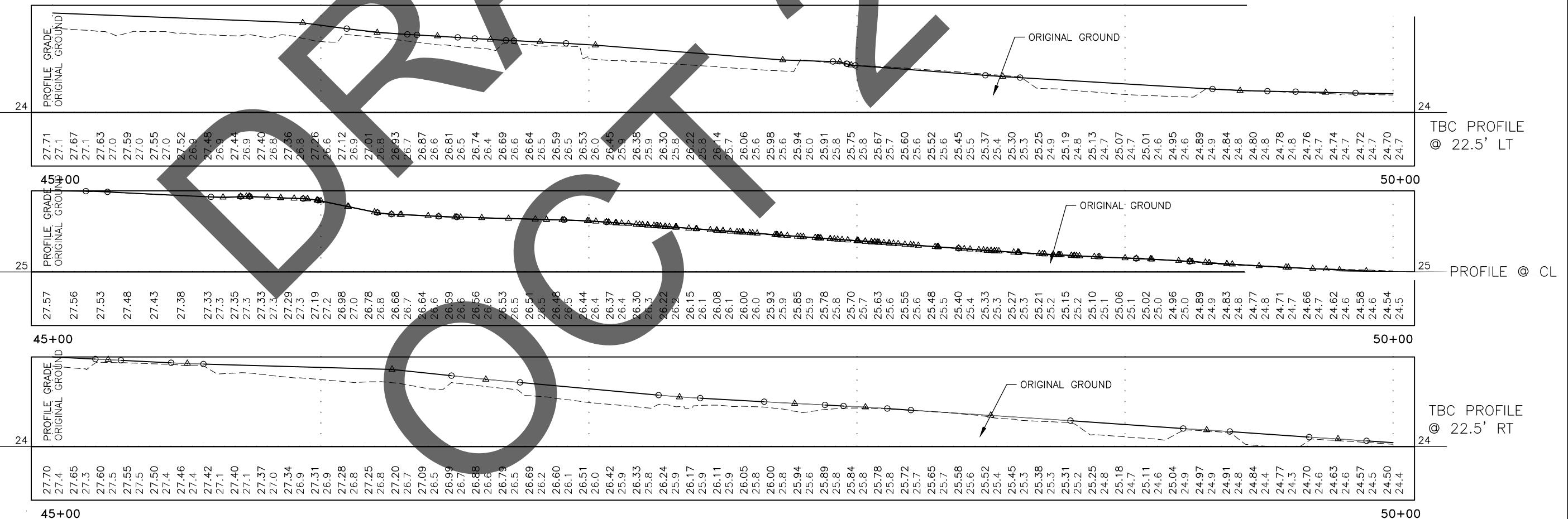
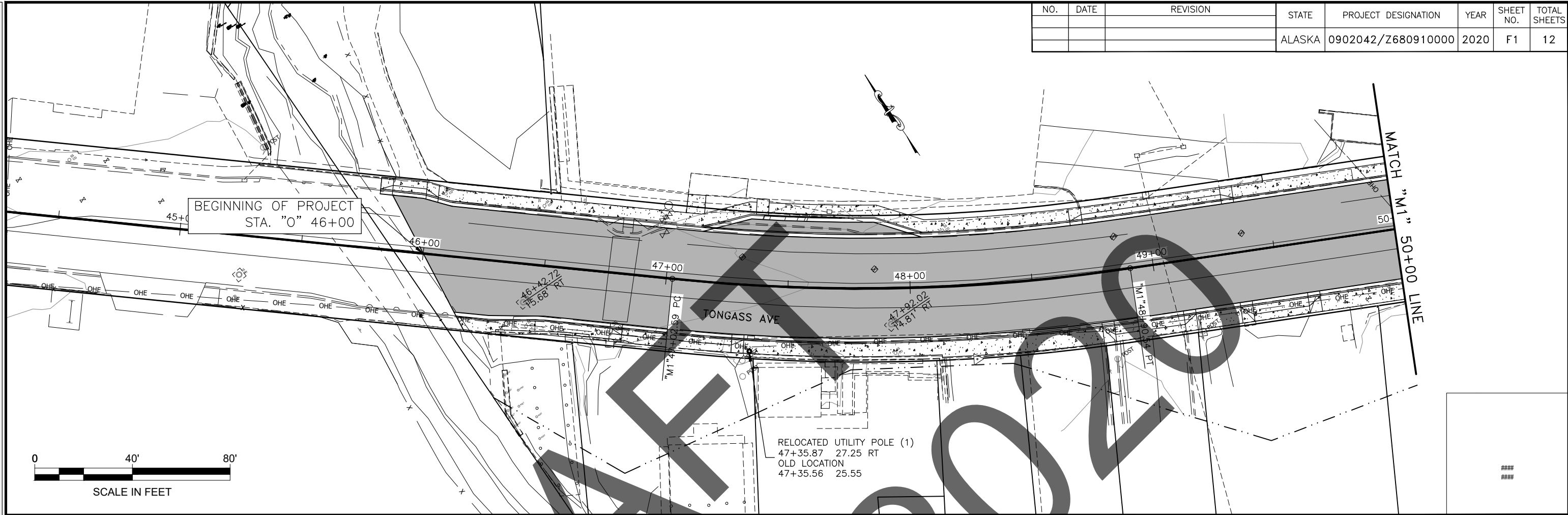
DRAFT

2020

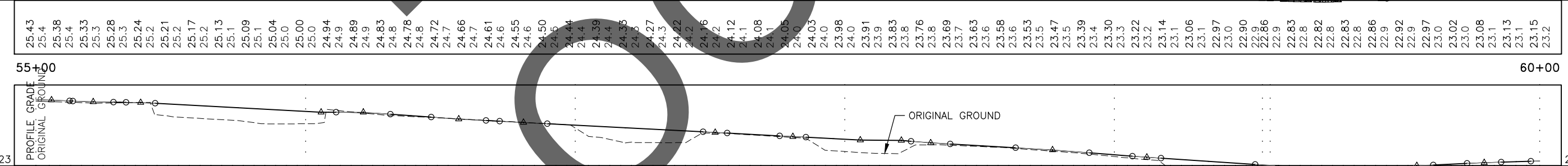
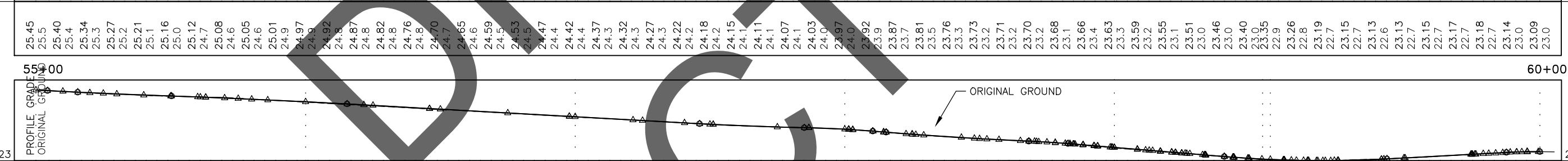
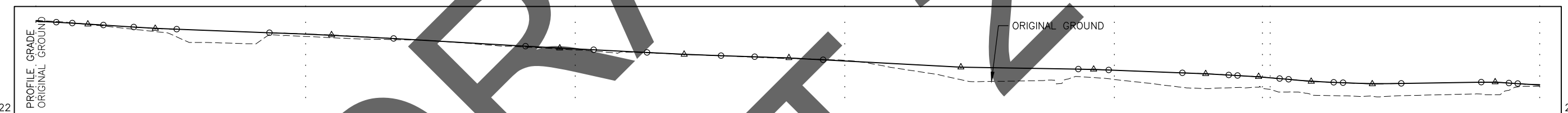
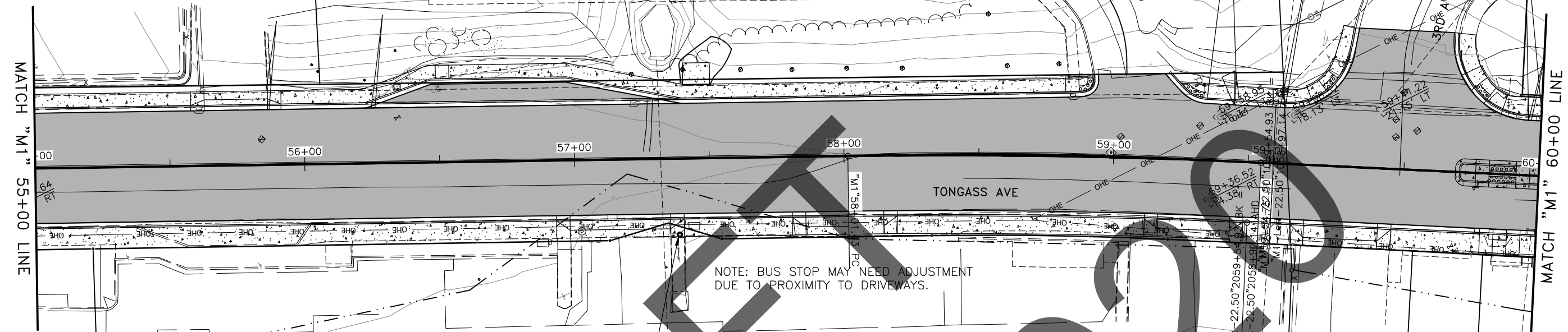
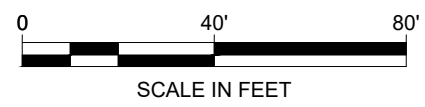
FILE G:\ktn\68091\Planset\68091_E1_MISC.dwg DATE 9/24/2020 17:34 LAYOUT E2 DESIGNED WMC CHECKED STAFF DRAFTED WMC

<p style="color: red; font-weight: bold; transform: rotate(-45deg);">PLANS IN HAND - NOT FOR CONSTRUCTION</p>	<p>STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES</p>
	<p>KTN TONGASS AVE & WATER ST. VIADUCT & TUNNEL DESIGN</p>
	<p>MISCELLANEOUS DETAILS</p>

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	2020	F1	12

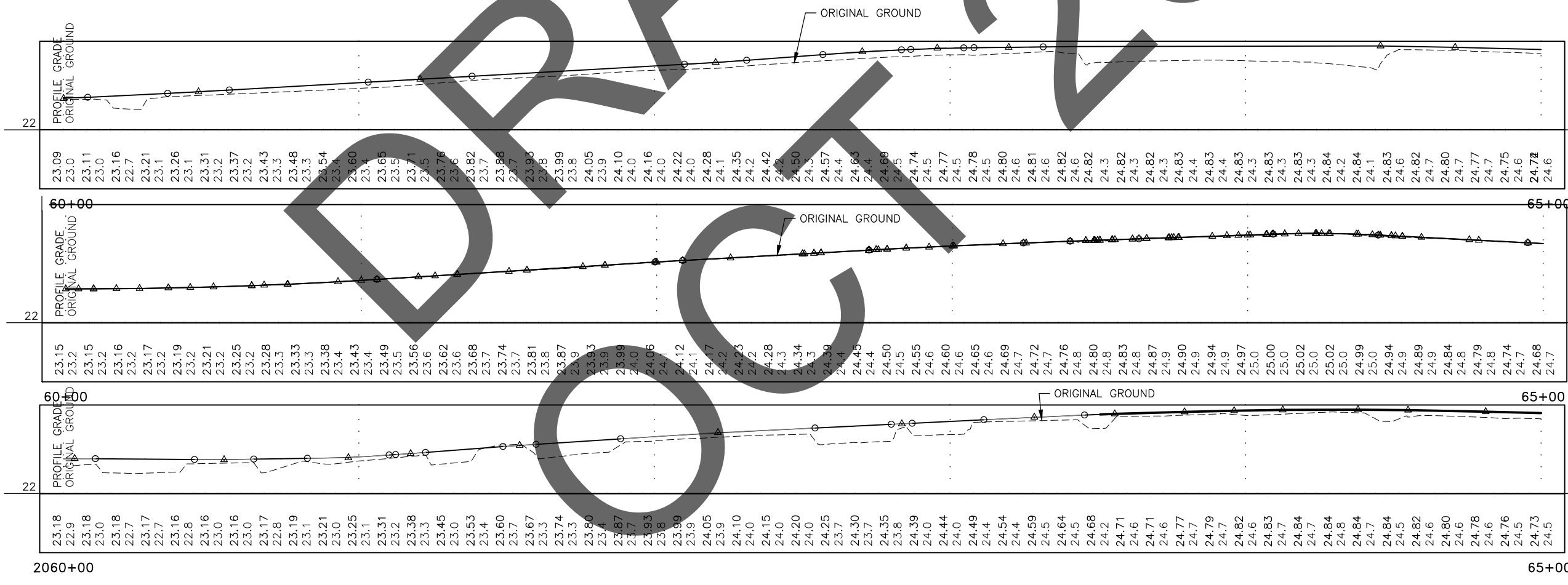
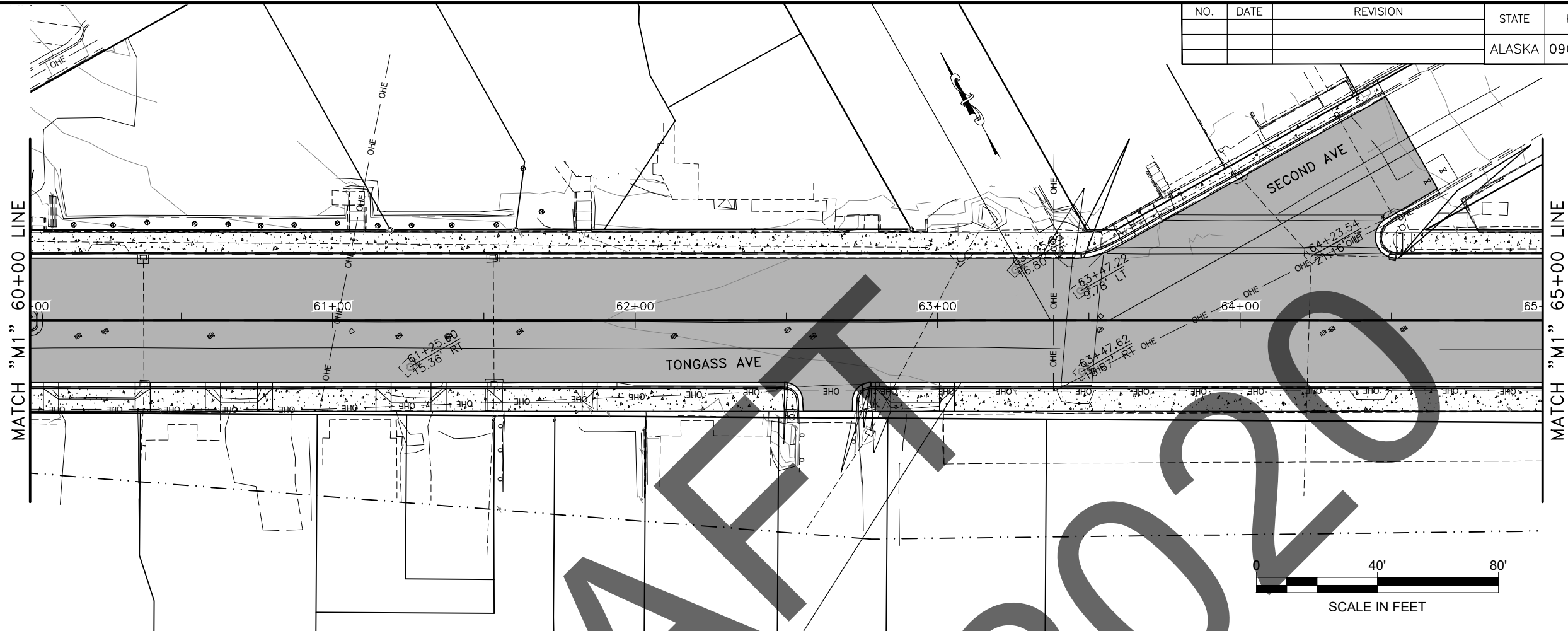


NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	2020	F3	12



###

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	2020	F4	12



TBC PROFILE @ 22.5' LT

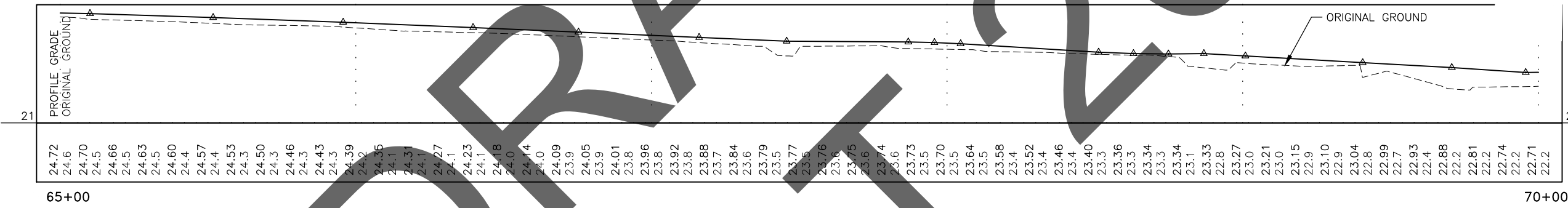
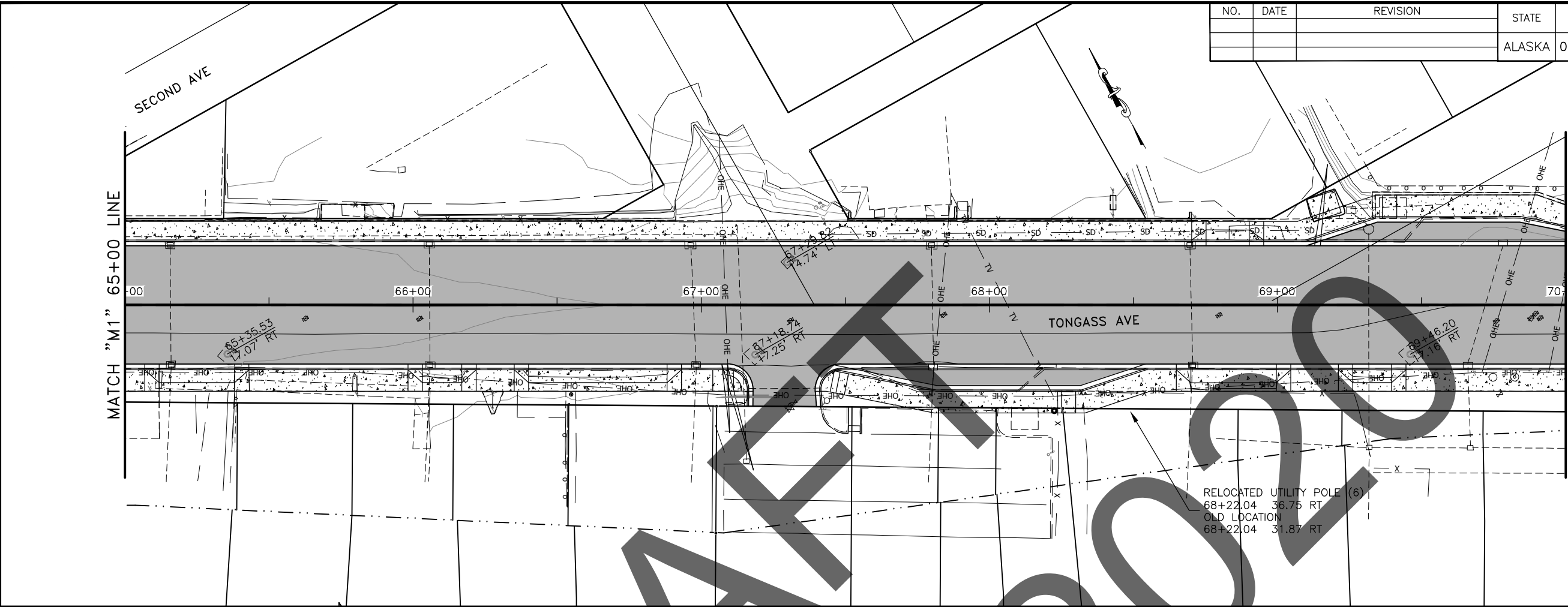
PROFILE @ CL

TBC PROFILE @ 22.5' RT

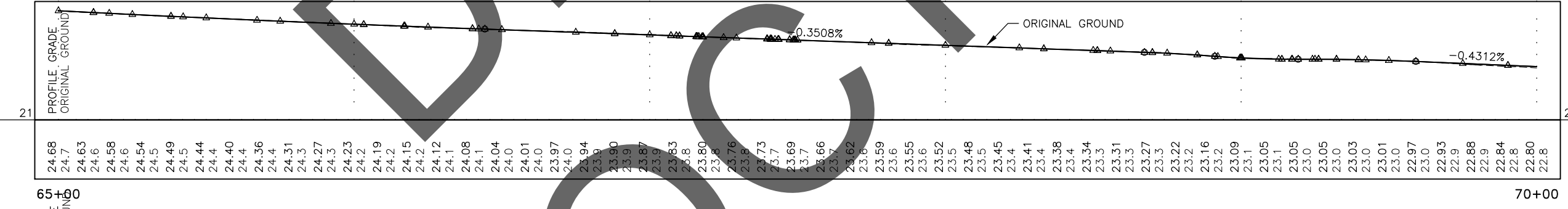
2060+00

65+00

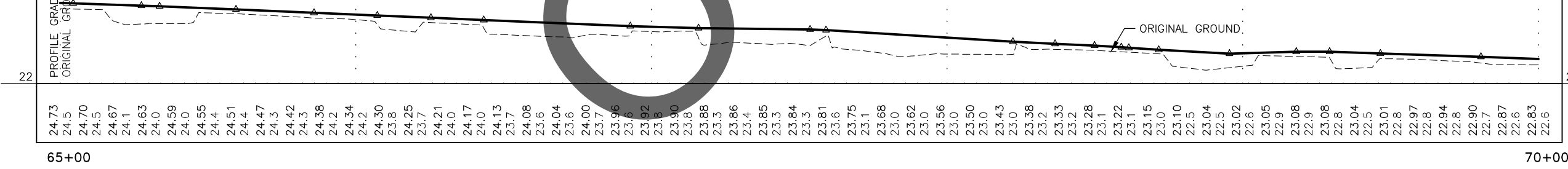
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	2020	F5	12



TBC PROFILE @ 22.5' LT

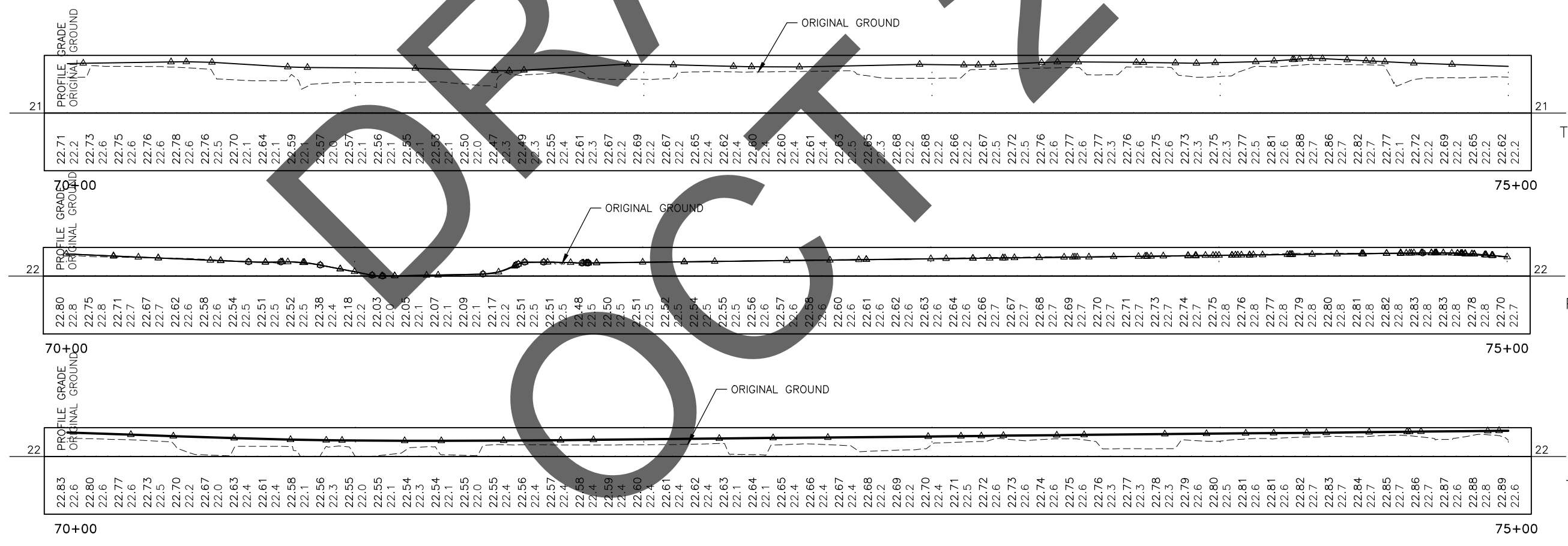
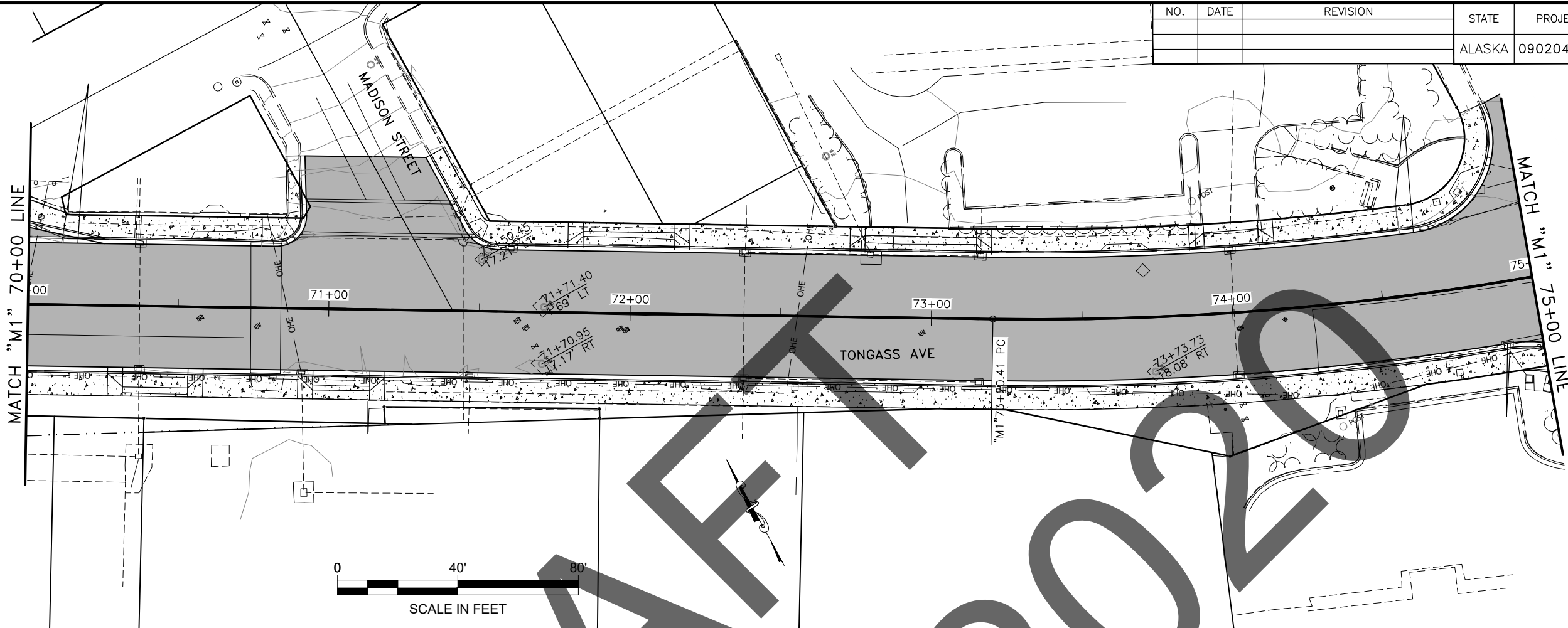


PROFILE @ CL

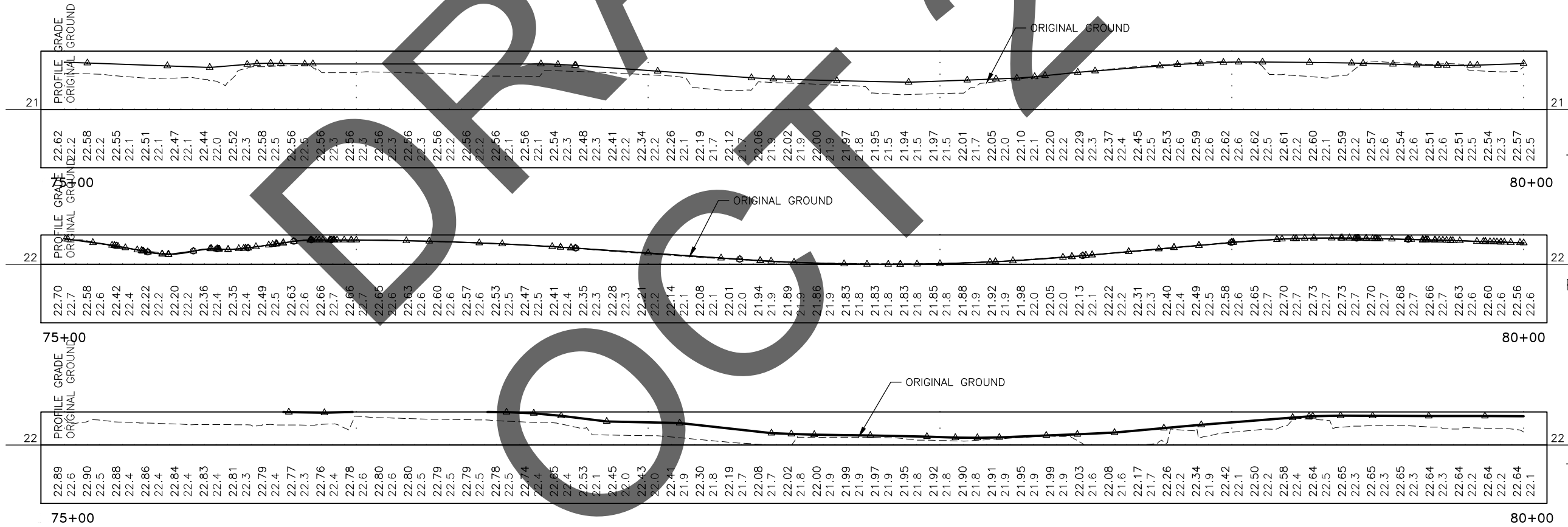
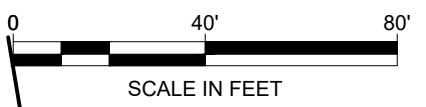
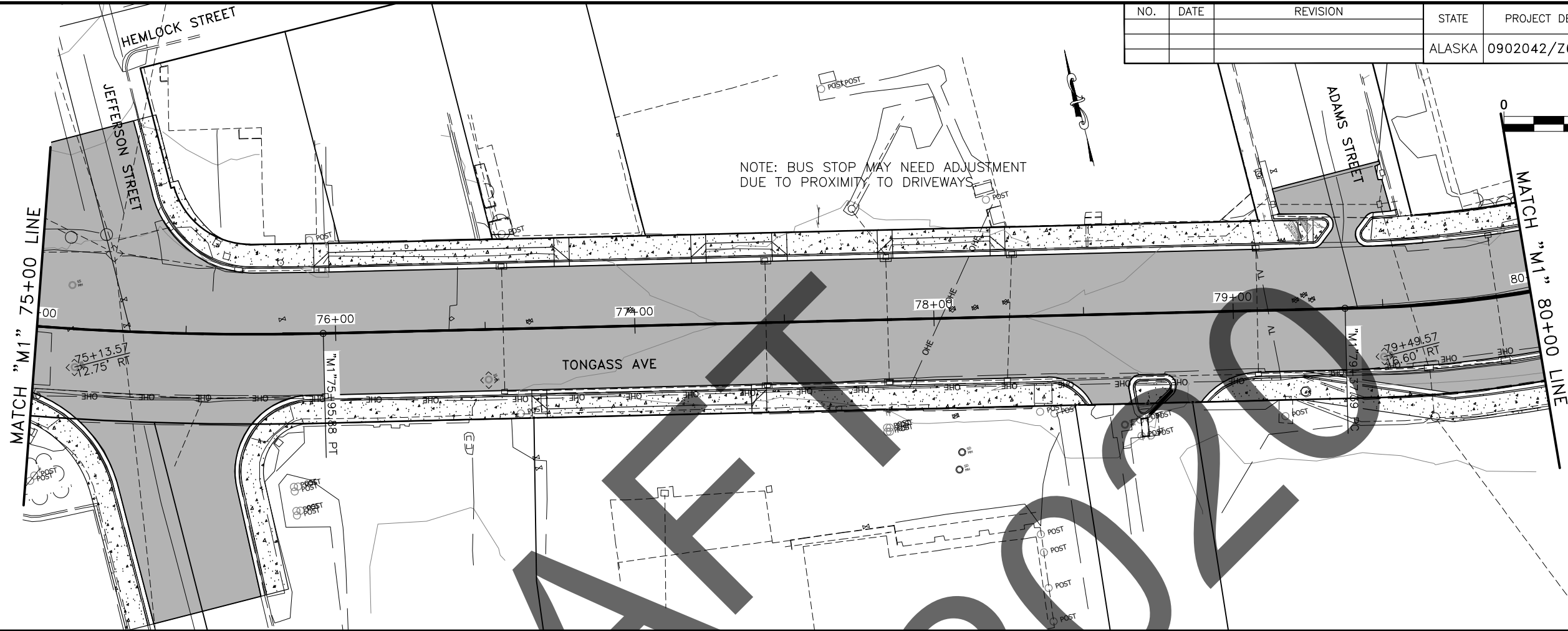


TBC PROFILE @ 22.5' RT

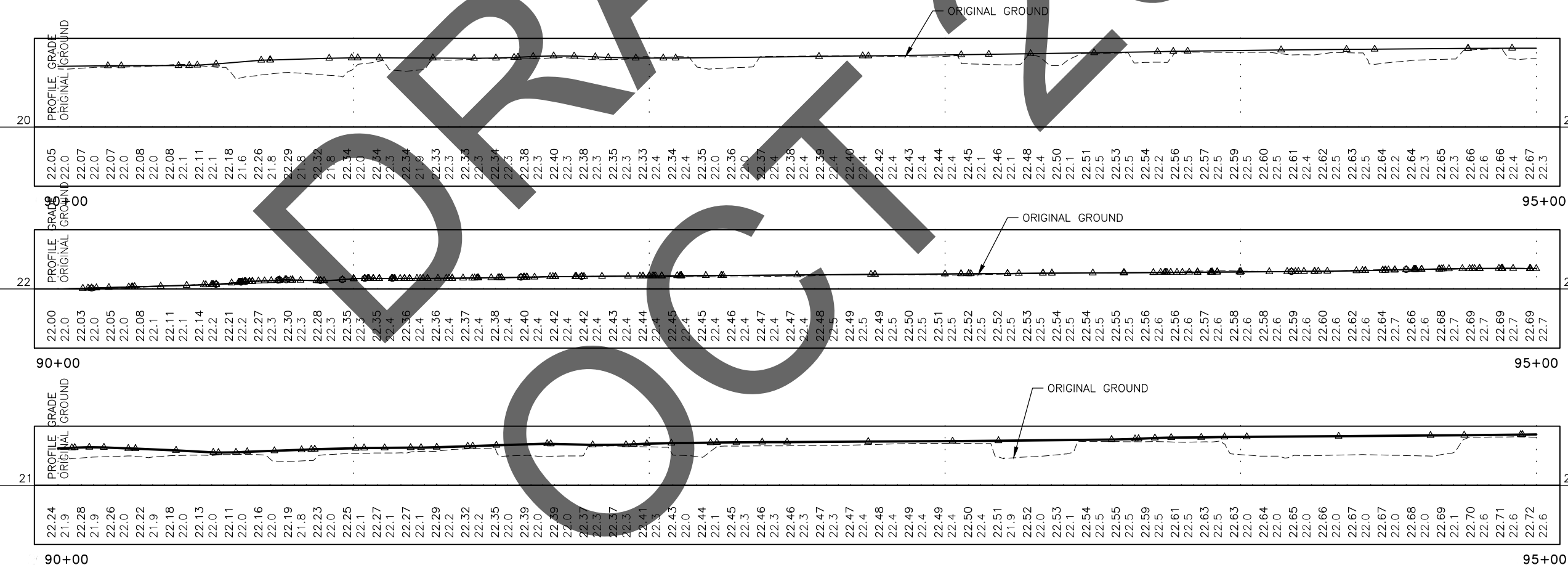
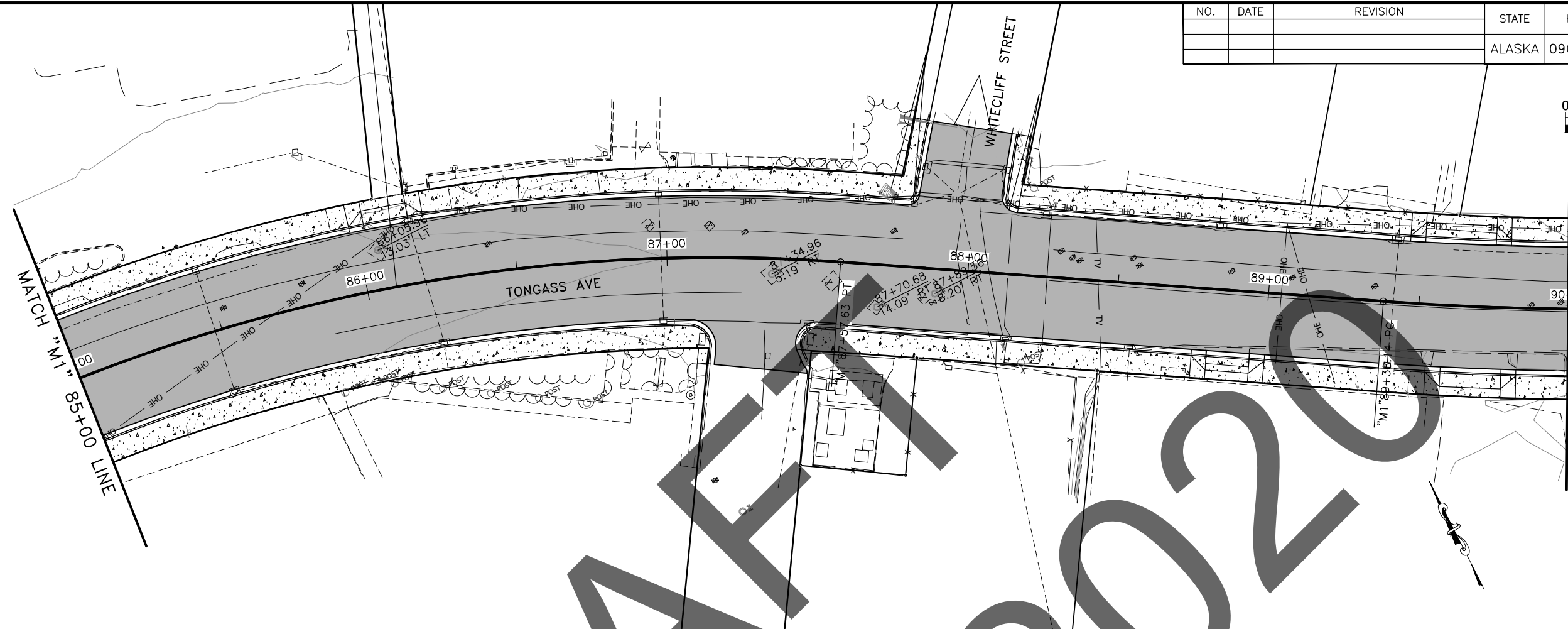
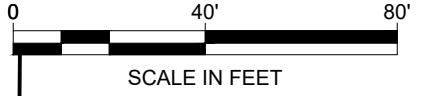
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	2020	F6	12



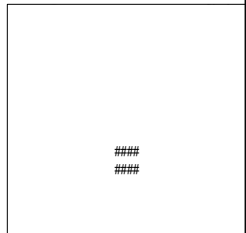
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	2020	F7	12



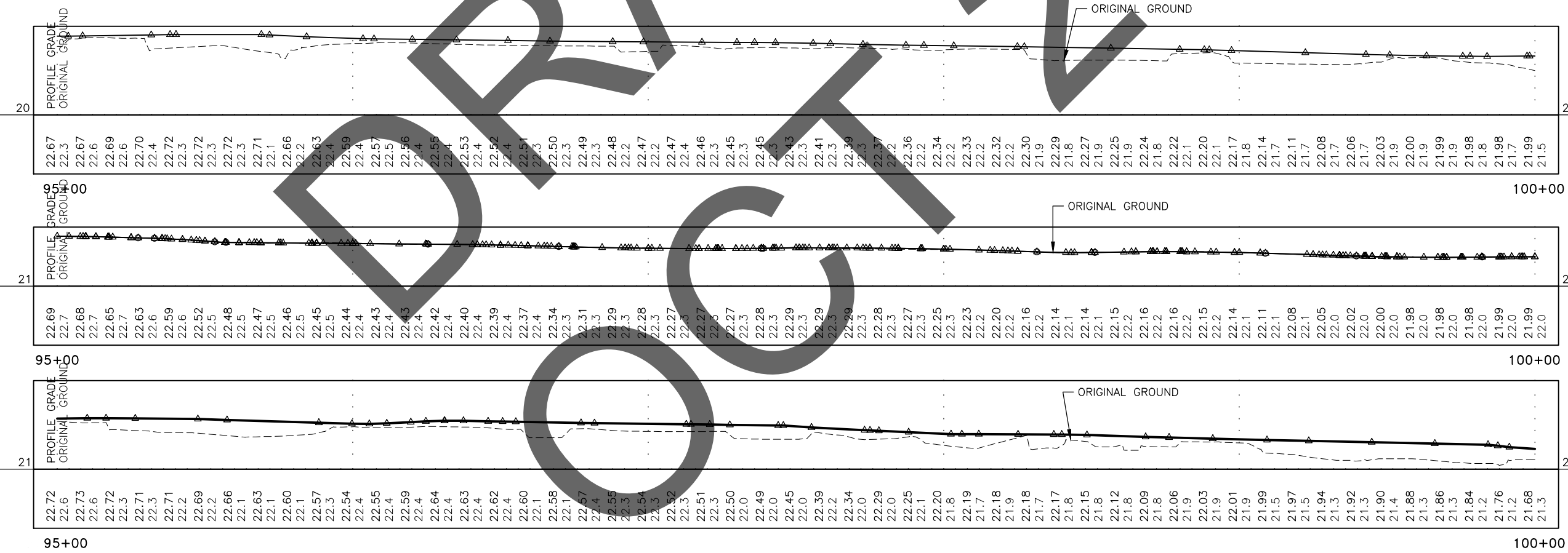
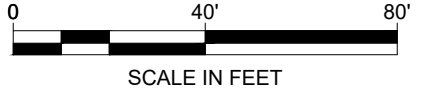
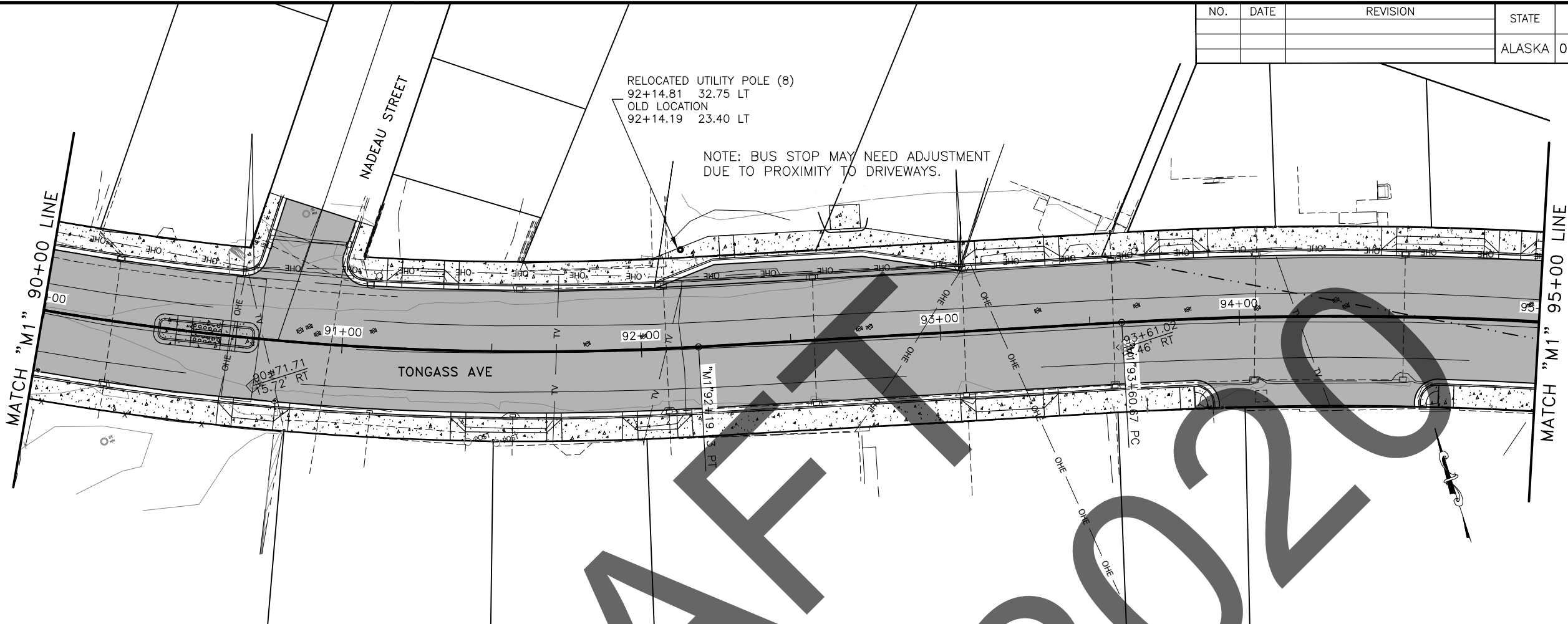
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	2020	F9	12



DRAFT 2020

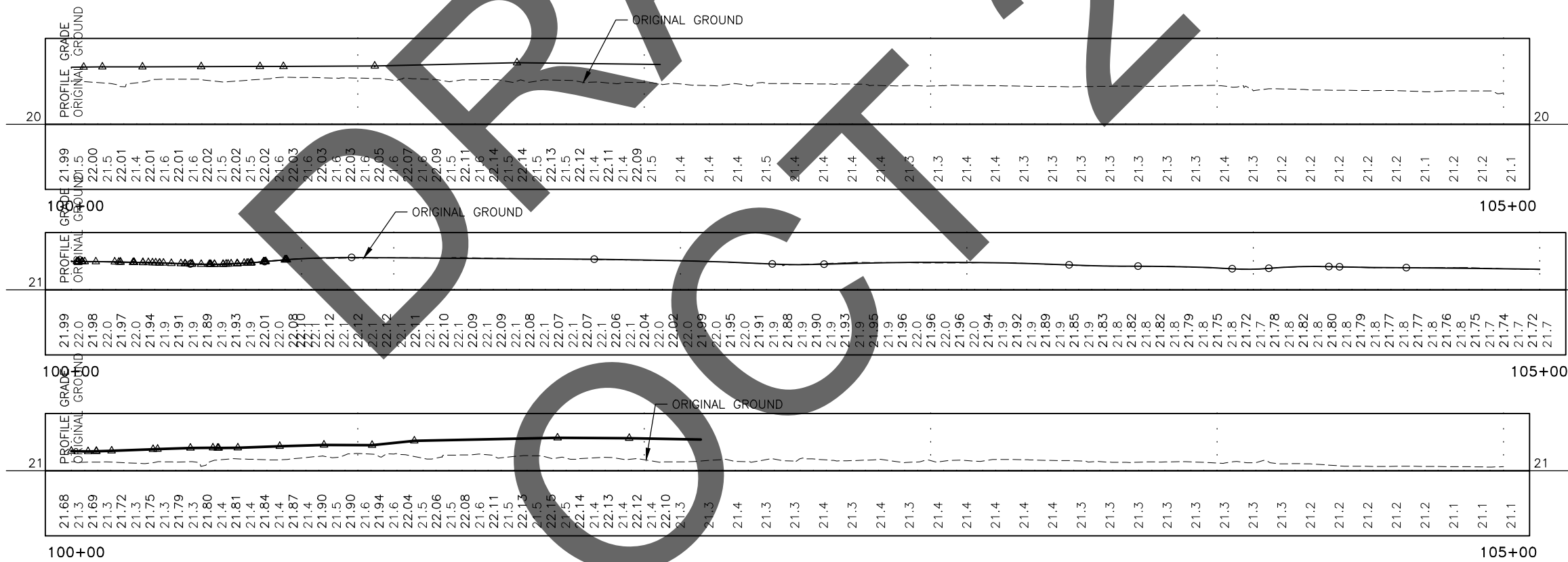
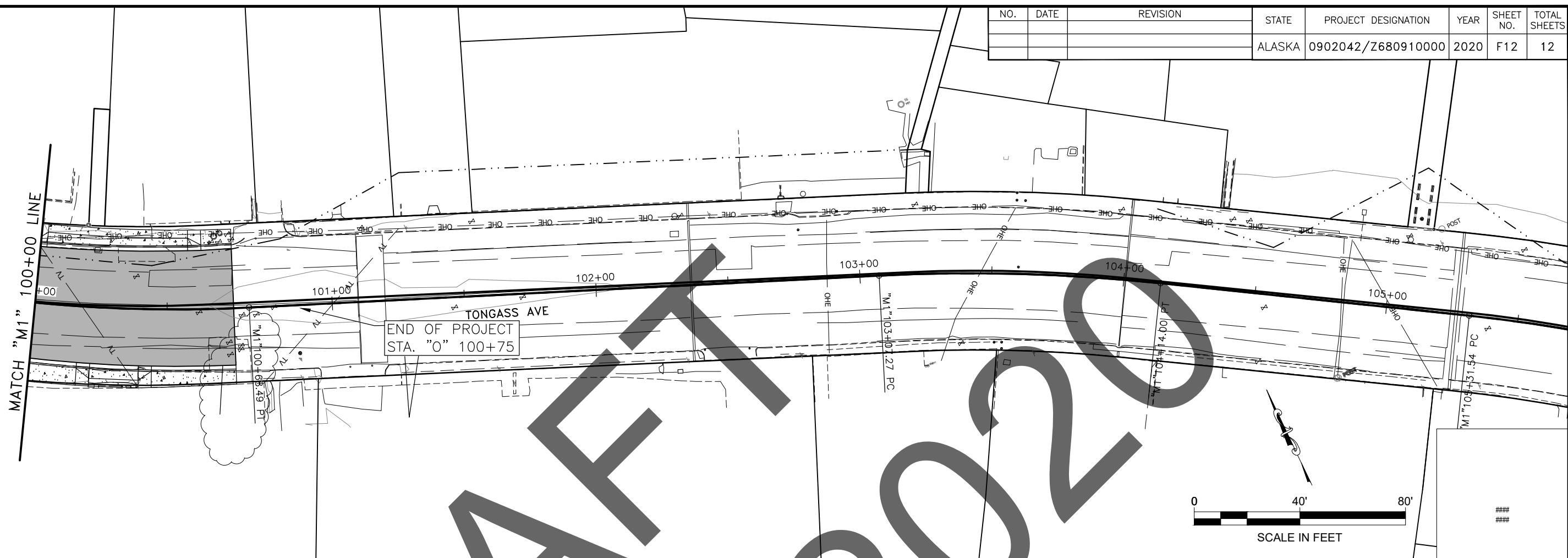


NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	2020	F10	12



DRAFT 2020

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	2020	F12	12



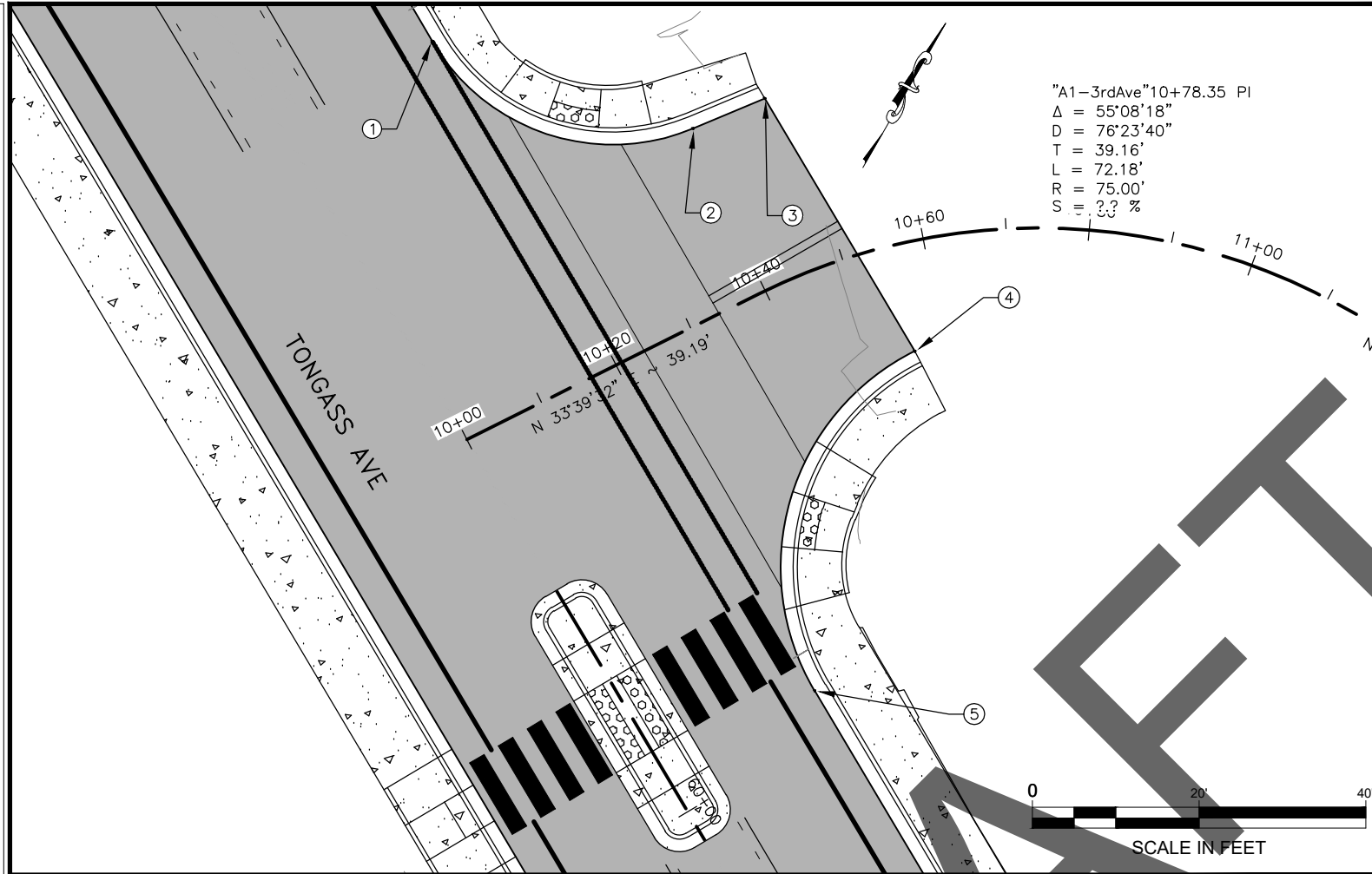
TBC PROFILE @ 22.5' LT

PROFILE @ CL

TBC PROFILE @ 22.5' RT

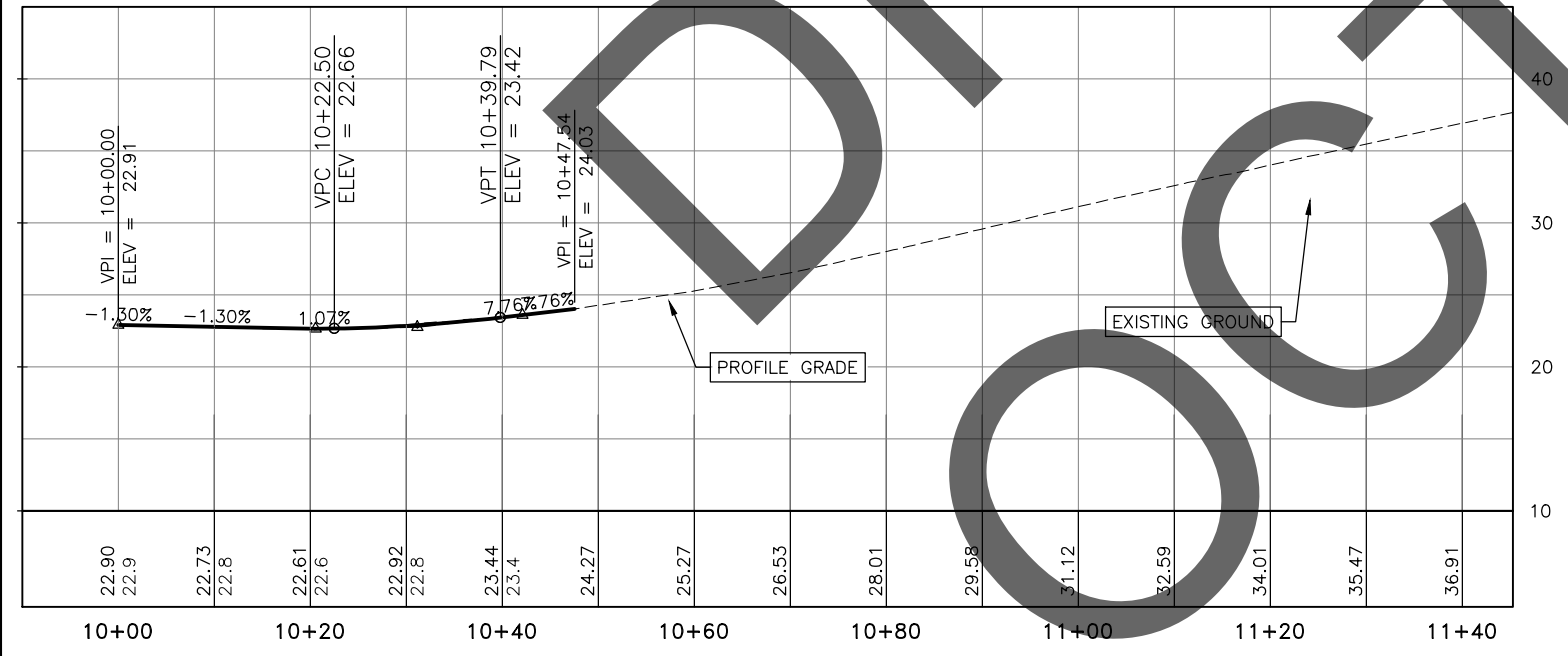
FILE G:\Ktn\68091\Planset\68091_G1_PP.dwg DATE 9/24/2020 16:56 LAYOUT G1 DESIGNED STAFF CHECKED STAFF DRAFTED STAFF

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	2020	G1	11



NO.	STATION	OFFSET	ELEVATION	DESCRIPTION
1	59+04.89	20.83' LT		EOP (BEGIN 25' RADIUS)
2	59+29.81	42.38' LT		EOP (END 25' RADIUS)
3	59+31.10	51.62' LT	MTE	EOP
4	59+66.39	51.62' LT	MTE	EOP (BEGIN 29' RADIUS)
5	59+95.31	20.50' LT		EOP (END 29' RADIUS)

VPI STA 10+31.15
 ELEV = 22.75
 LVC = 17.29'

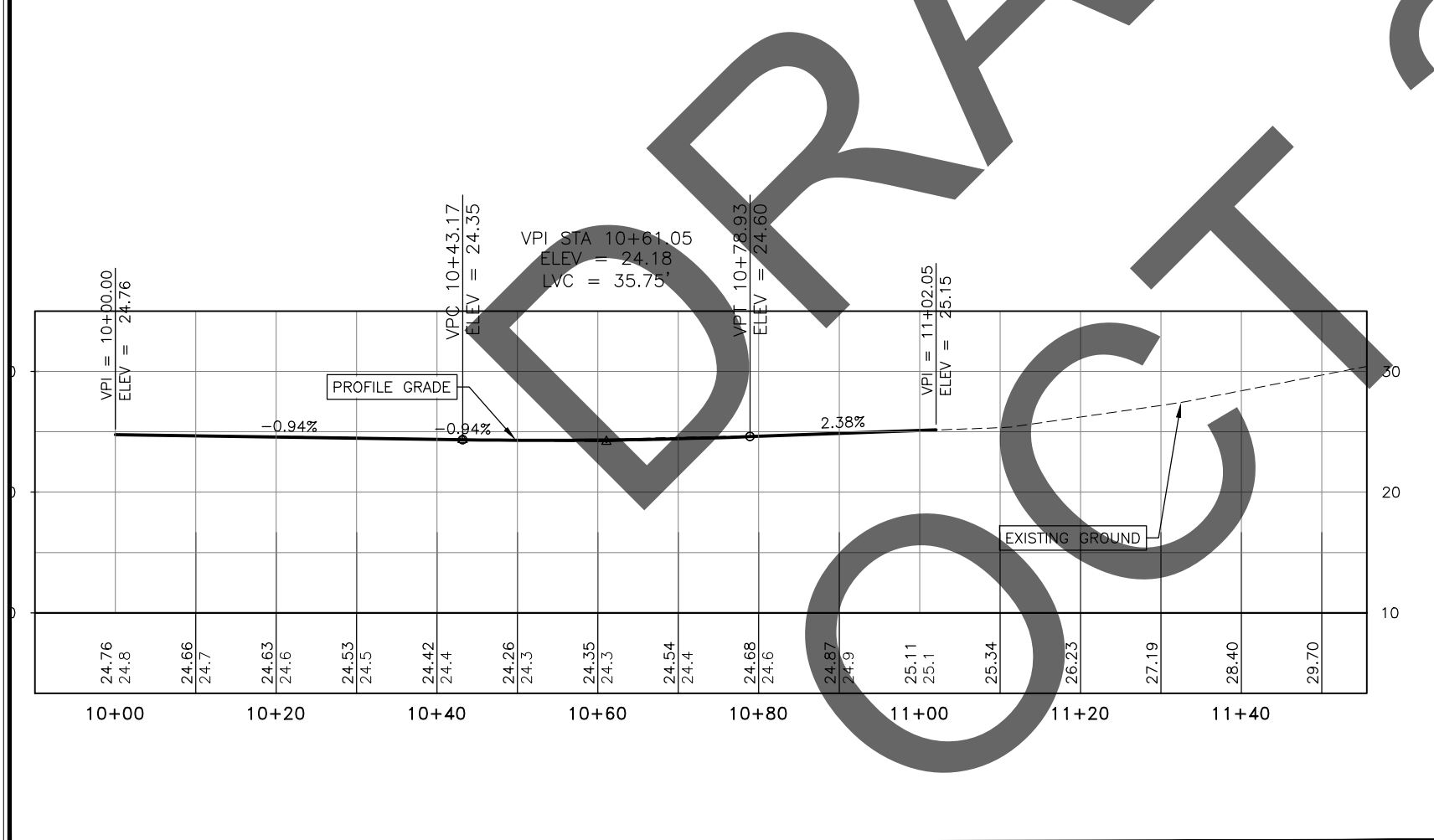
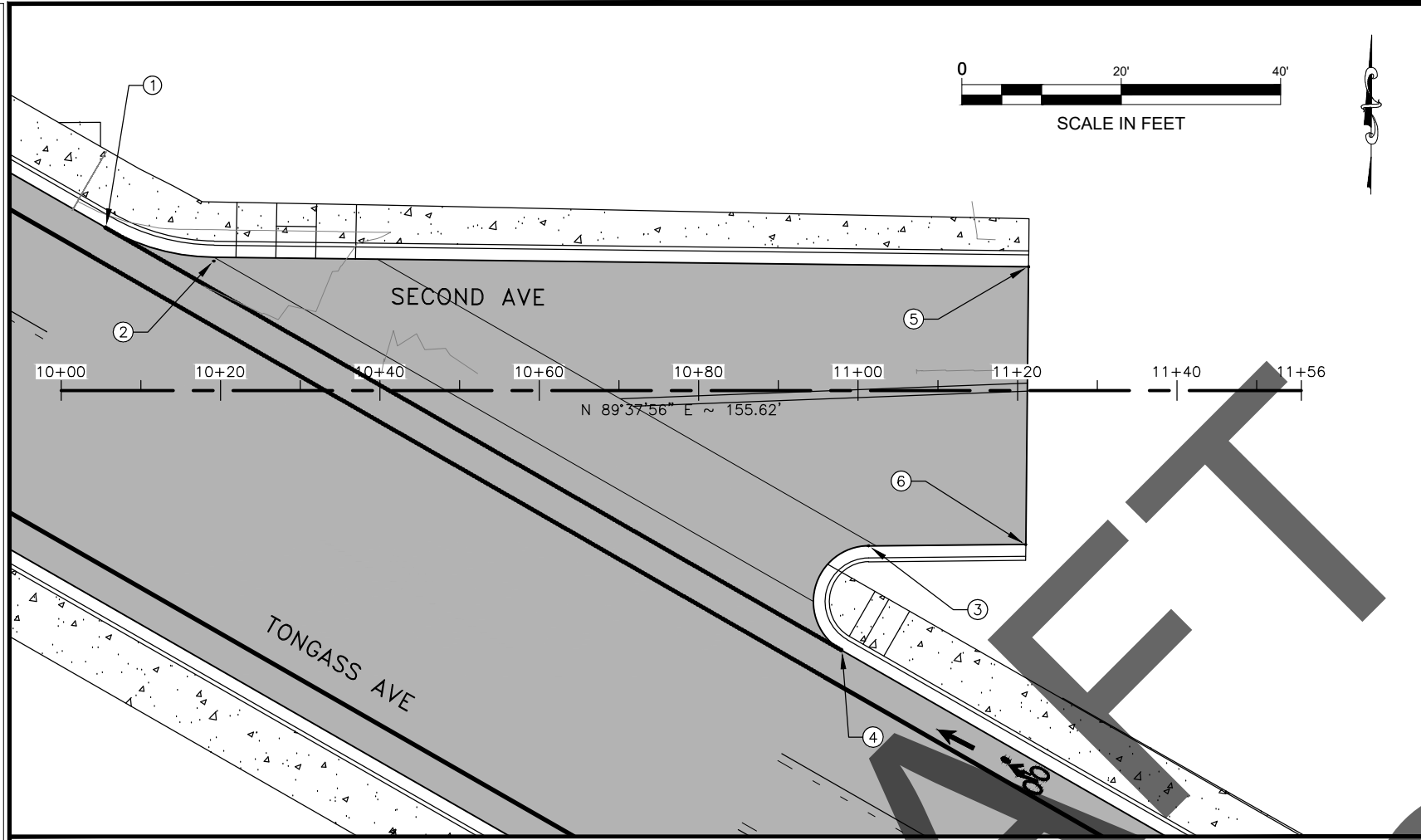


LAYOUT POINT DESCRIPTIONS
 TBC = TOP BACK OF CURB
 MTE = MATCH TO EXISTING
 RP = RADIUS POINT
 EOP = EDGE OF PAVEMENT
 FOC = FACE OF CURB
 BR = BOTTOM OF RAMP
 PC = POINT OF CURVATURE
 PT = POINT OF TANGENCY

**PLANS IN HAND
 - NOT FOR
 CONSTRUCTION**

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**KTN TONGASS AVE & WATER ST.
 VIADUCT & TUNNEL DESIGN**
 G1 -
 INTERSECTION
 DETAILS

FILE G:\Ktn\68091\Planset\68091_G1_PP.dwg DATE 9/24/2020 16:56 LAYOUT G2 DESIGNED STAFF CHECKED STAFF DRAFTED STAFF



NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	2020	G2	11

NO.	STATION	OFFSET	ELEVATION	DESCRIPTION
1	63+45.22	20.50' LT		EOP (BEGIN 28' RADIUS)
2	63+58.87	24.06' LT		EOP (END 28' RADIUS)
3	64+48.14	33.54' LT		EOP (BEGIN 7' RADIUS)
4	64+51.69	20.50' LT		EOP (END 7' RADIUS)
5	64+48.10	73.92' LT	MTE	EOP
6	64+65.16	43.52' LT	MTE	EOP

LAYOUT POINT DESCRIPTIONS

- TBC = TOP BACK OF CURB
- MTE = MATCH TO EXISTING
- RP = RADIUS POINT
- EOP = EDGE OF PAVEMENT
- FOC = FACE OF CURB
- BR = BOTTOM OF RAMP
- PC = POINT OF CURVATURE
- PT = POINT OF TANGENCY

**PLANS IN HAND
- NOT FOR
CONSTRUCTION**

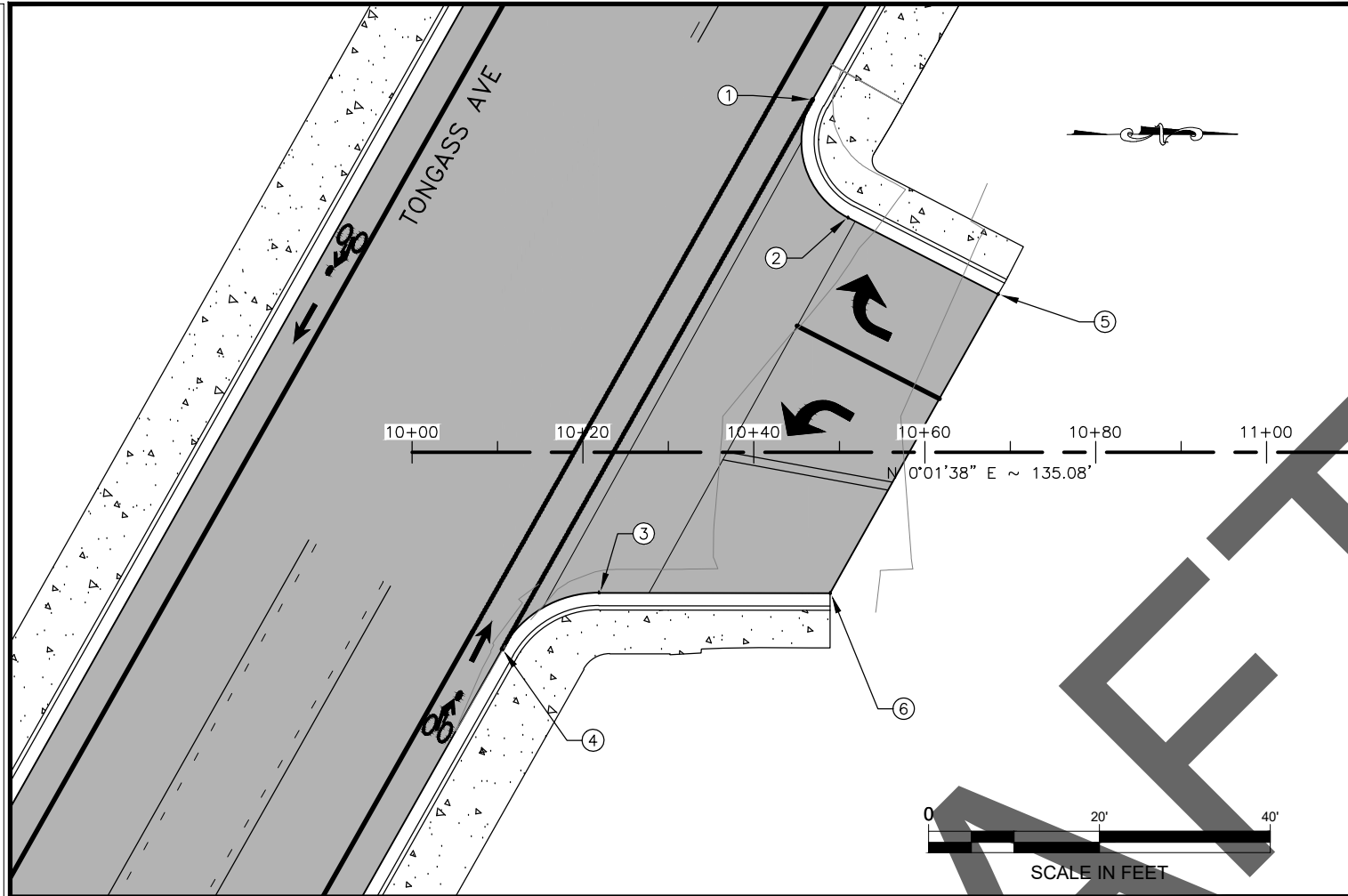
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

**KTN TONGASS AVE & WATER ST.
VIADUCT & TUNNEL DESIGN**

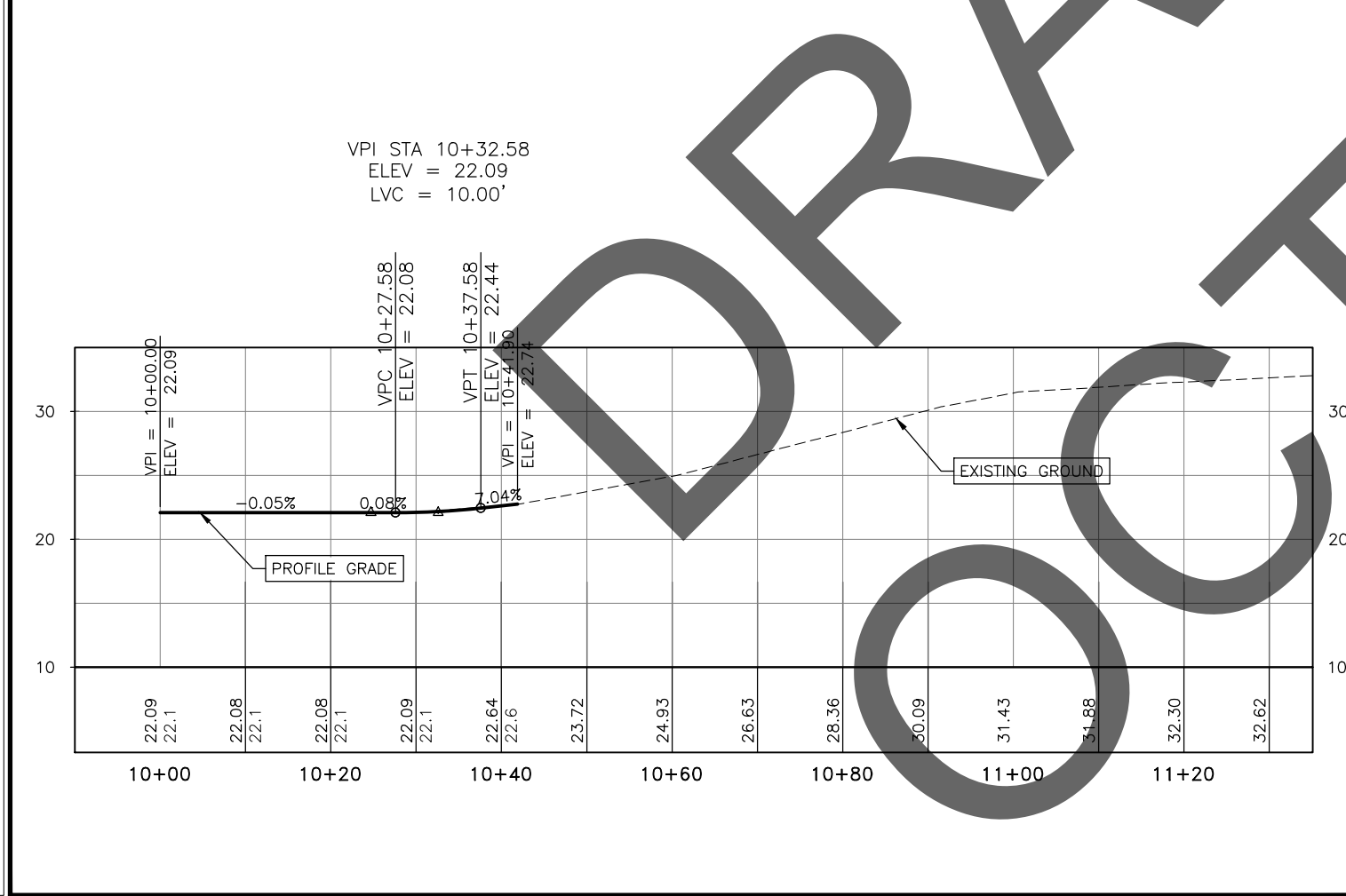
G2 -
INTERSECTION
DETAILS

FILE G:\Ktn\68091\Plans\68091_G1_PP.dwg DATE 9/24/2020 16:56 LAYOUT G3 DESIGNED STAFF CHECKED STAFF DRAFTED STAFF

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	2020	G3	11



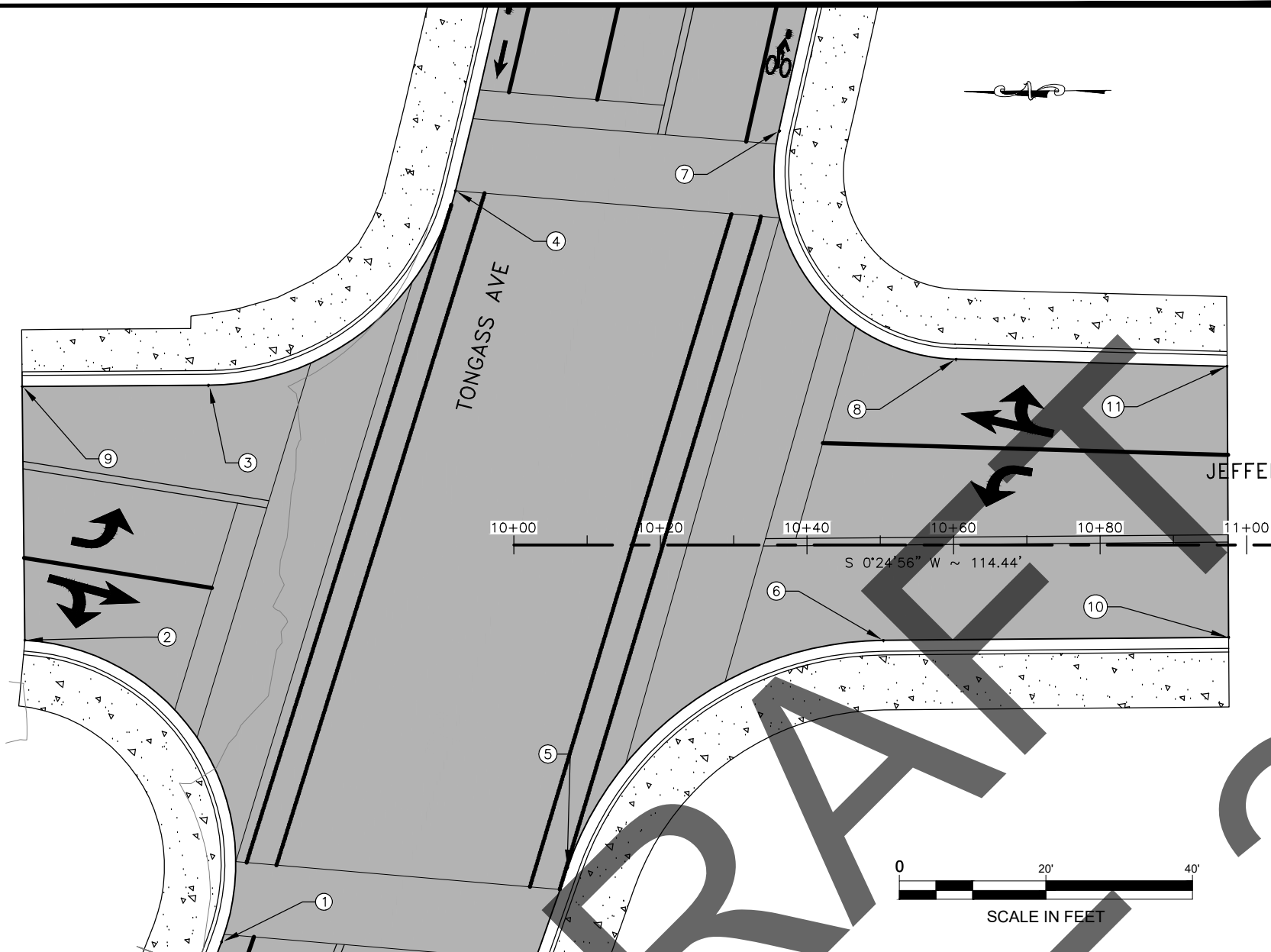
NO.	STATION	OFFSET	ELEVATION	DESCRIPTION
1	70+82.16	20.50' LT		EOP (BEGIN 10' RADIUS)
2	70+92.15	30.92' LT		EOP (END 10' RADIUS)
3	71+44.73	27.10' LT		EOP (BEGIN 13' RADIUS)
4	71+56.04	20.50' LT		EOP (END 13' RADIUS)
5	70+91.32	50.63' LT	MTE	EOP
6	71+31.44	50.71' LT	MTE	EOP



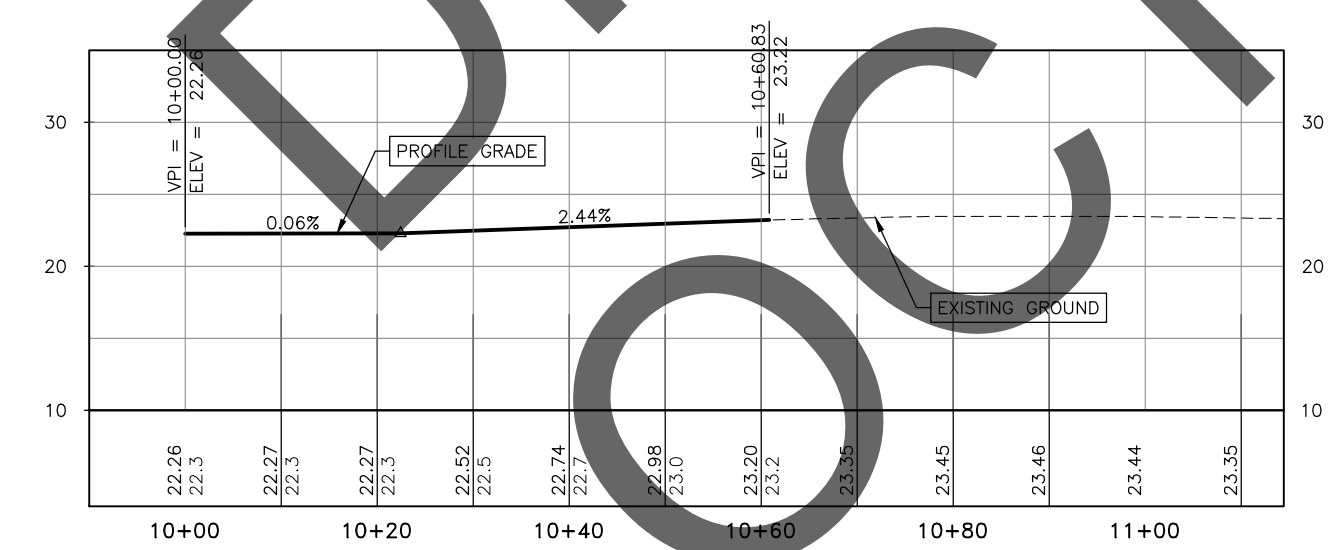
**PLANS IN HAND
- NOT FOR
CONSTRUCTION**

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
**KTN TONGASS AVE & WATER ST.
VIADUCT & TUNNEL DESIGN**
G3 -
INTERSECTION
DETAILS

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	2020	G4	11



NO.	STATION	OFFSET	ELEVATION	DESCRIPTION
1	74+63.01	20.50' LT		EOP (BEGIN 30.5' RADIUS)
2	74+94.06	59.62' LT		EOP (END 30.5' RADIUS)
3	75+37.13	46.19' LT		EOP (BEGIN 35' RADIUS)
4	75+72.74	20.50' LT		EOP (END 35' RADIUS)
5	74+88.57	20.50' RT		EOP (BEGIN 46' RADIUS)
6	75+29.70	52.04' RT		EOP (END 46' RADIUS)
7	75+91.02	20.50' RT		EOP (BEGIN 25.5' RADIUS)
8	75+67.29	51.36' RT		EOP (END 25.5' RADIUS)
9	75+29.32	70.47' LT	MTE	EOP
10	75+42.33	97.18' RT	MTE	EOP
11	75+74.90	87.55' RT	MTE	EOP



LAYOUT POINT DESCRIPTIONS

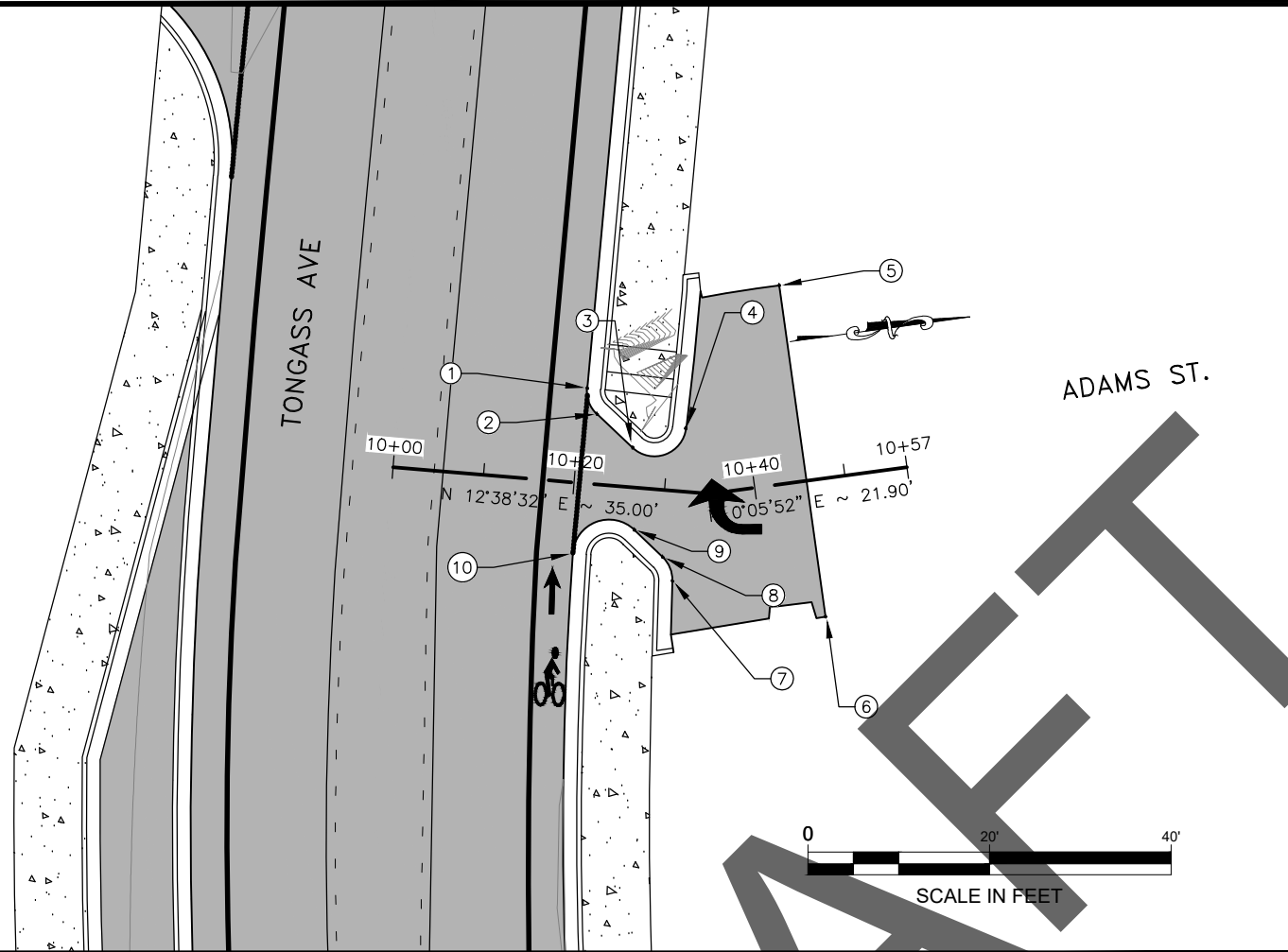
- TBC = TOP BACK OF CURB
- MTE = MATCH TO EXISTING
- RP = RADIUS POINT
- EOP = EDGE OF PAVEMENT
- FOC = FACE OF CURB
- BR = BOTTOM OF RAMP
- PC = POINT OF CURVATURE
- PT = POINT OF TANGENCY

**PLANS IN HAND
- NOT FOR
CONSTRUCTION**

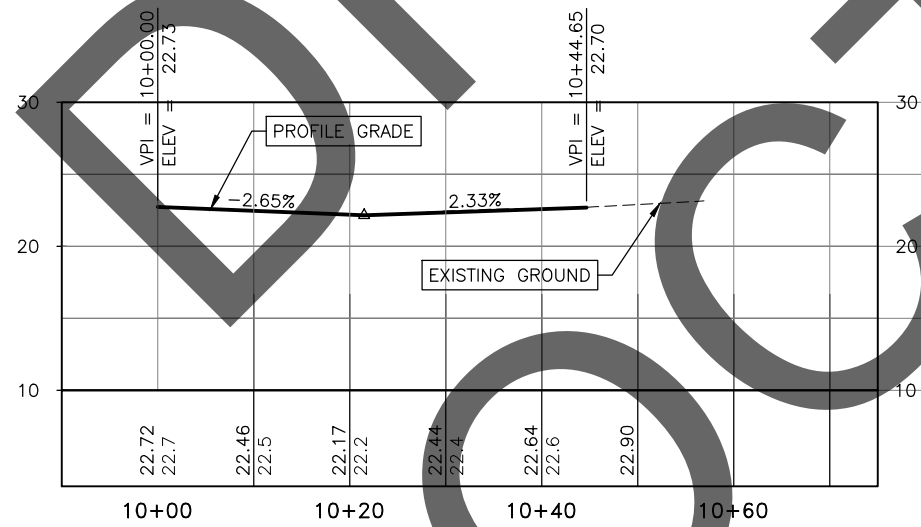
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
**KTN TONGASS AVE & WATER ST.
VIADUCT & TUNNEL DESIGN
G4 -
INTERSECTION
DETAILS**

FILE G:\ktn\68091\Planset\68091_G1_PP.dwg DATE 9/24/2020 16:56 LAYOUT G5 DESIGNED STAFF CHECKED STAFF DRAFTED STAFF

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	2020	G5	11



NO.	STATION	OFFSET	ELEVATION	DESCRIPTION
1	79+27.26	20.50' LT		EOP (BEGIN 3.5' RADIUS)
2	79+30.01	21.84' LT		EOP (END 3.5' RADIUS)
3	79+33.35	26.10' LT		EOP (BEGIN 3.5' RADIUS)
4	79+30.67	31.76' LT		EOP (END 3.5' RADIUS)
5	79+14.07	40.53' LT	MTE	EOP
6	79+51.50	48.72' LT	MTE	EOP
7	79+48.36	31.66' LT		EOP (BEGIN 3.5' RADIUS)
8	79+45.61	30.40' LT		EOP (END 3.5' RADIUS)
9	79+42.66	27.05' LT		EOP (BEGIN 4' RADIUS)
10	79+45.95	20.50' LT		EOP (END 4' RADIUS)



LAYOUT POINT DESCRIPTIONS

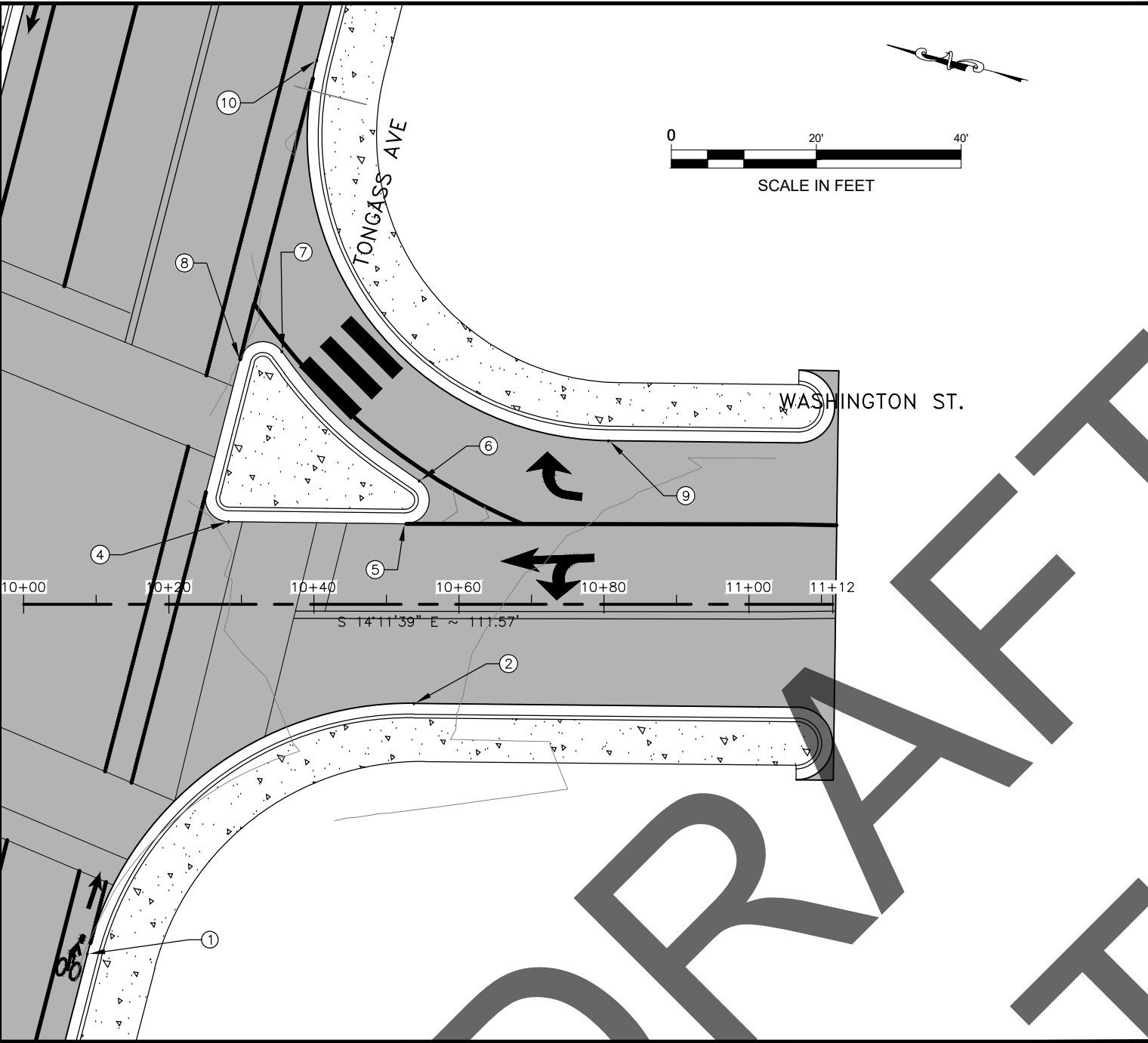
- TBC = TOP BACK OF CURB
- MTE = MATCH TO EXISTING
- RP = RADIUS POINT
- EOP = EDGE OF PAVEMENT
- FOC = FACE OF CURB
- BR = BOTTOM OF RAMP
- PC = POINT OF CURVATURE
- PT = POINT OF TANGENCY

**PLANS IN HAND
- NOT FOR
CONSTRUCTION**

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
**KTN TONGASS AVE & WATER ST.
VIADUCT & TUNNEL DESIGN**
G5 -
INTERSECTION
DETAILS

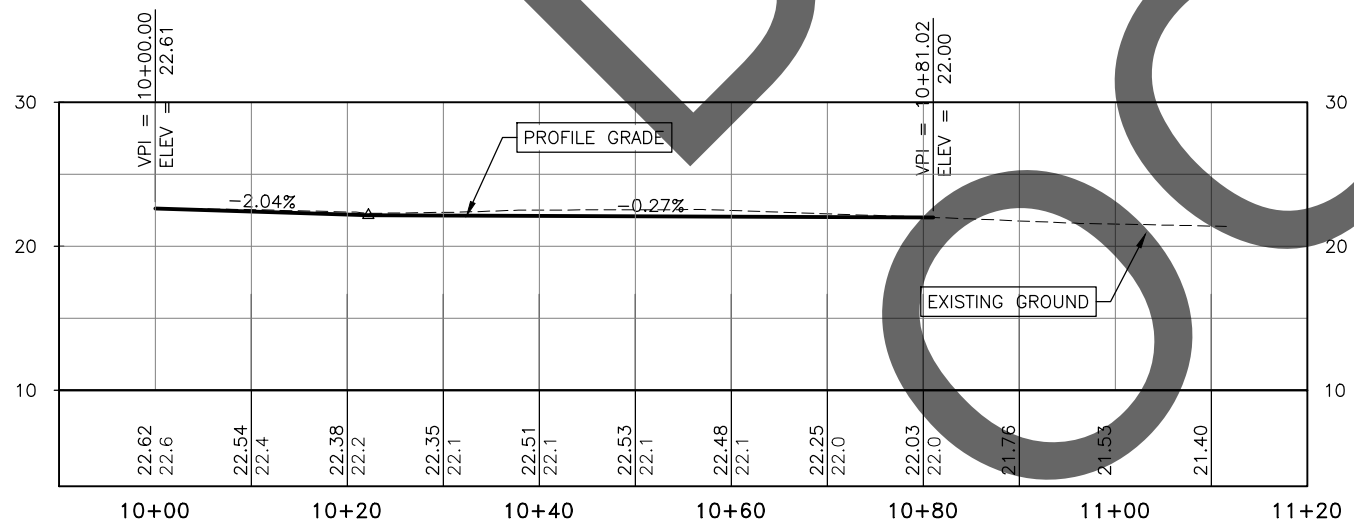
FILE G:\Ktn\68091\Plans\68091_G1_PP.dwg DATE 9/24/2020 16:56 LAYOUT G6 DESIGNED STAFF CHECKED STAFF DRAFTED STAFF

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	2020	G6	11



NO.	STATION	OFFSET	ELEVATION	DESCRIPTION
1	81+83.62	20.50' RT		EOP (BEGIN 46' RADIUS)
2	82+28.29	55.52' RT		EOP (END 46' RADIUS)
3	82+49.36	20.50' RT		EOP (BEGIN 3.25' RADIUS)
4	82+46.21	24.52' RT		EOP (END 3.25' RADIUS)
5	82+52.01	48.24' RT		EOP (BEGIN 3.25' RADIUS)
6	82+58.22	48.59' RT		EOP (END 3.25' RADIUS)
7	82+70.78	25.81' RT		EOP (BEGIN 3.25' RADIUS)
8	82+68.26	20.50' RT		EOP (END 3.25' RADIUS)
9	82+70.06	72.51' RT		EOP (BEGIN 42' RADIUS)
10	83+10.85	20.50' RT		EOP (END 42' RADIUS)

DRAFT 2020



LAYOUT POINT DESCRIPTIONS

- TBC = TOP BACK OF CURB
- MTE = MATCH TO EXISTING
- RP = RADIUS POINT
- EOP = EDGE OF PAVEMENT
- FOC = FACE OF CURB
- BR = BOTTOM OF RAMP
- PC = POINT OF CURVATURE
- PT = POINT OF TANGENCY

PLANS IN HAND
- NOT FOR
CONSTRUCTION

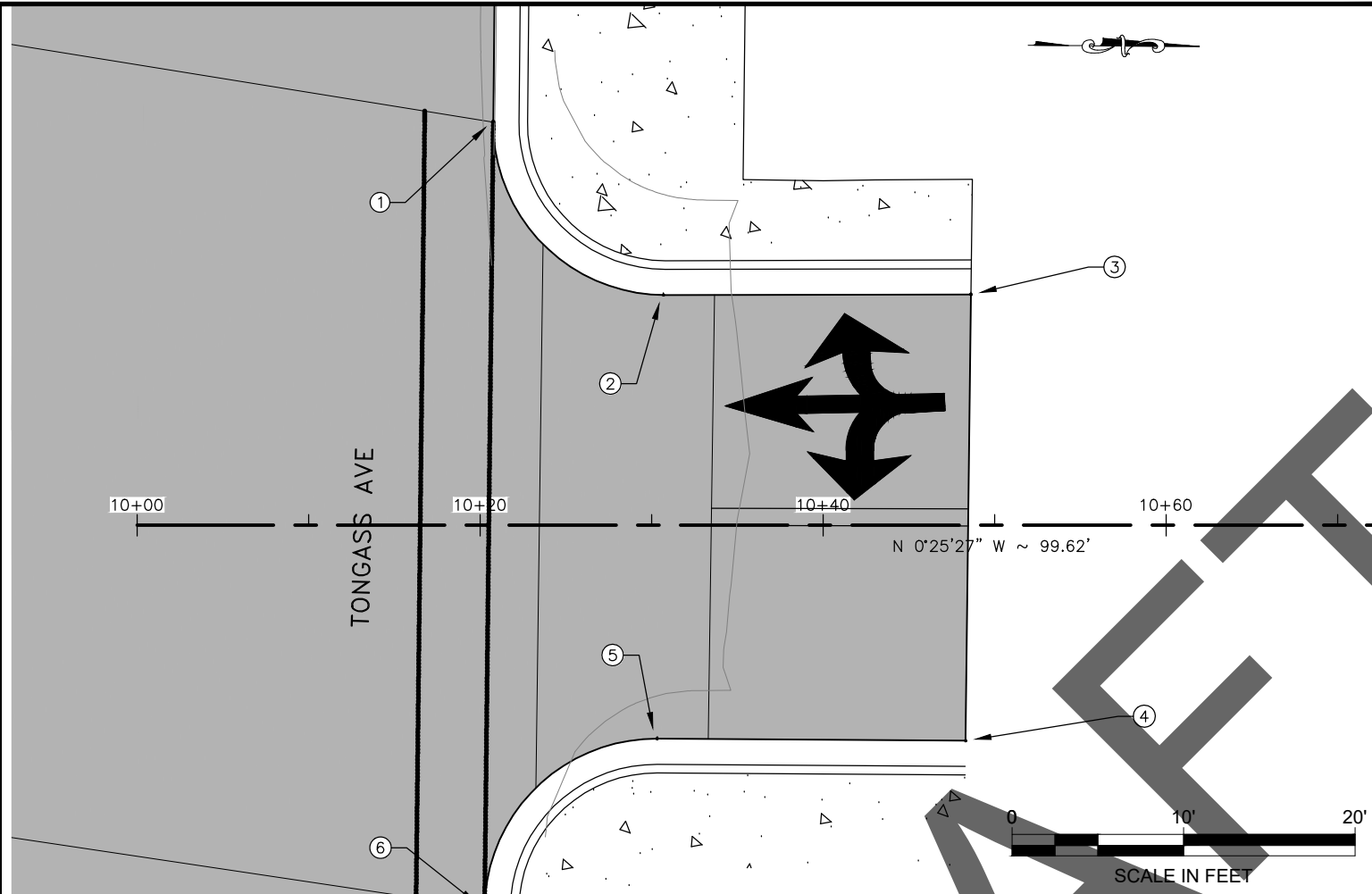
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

**KTN TONGASS AVE & WATER ST.
VIADUCT & TUNNEL DESIGN**

G6 -
INTERSECTION
DETAILS

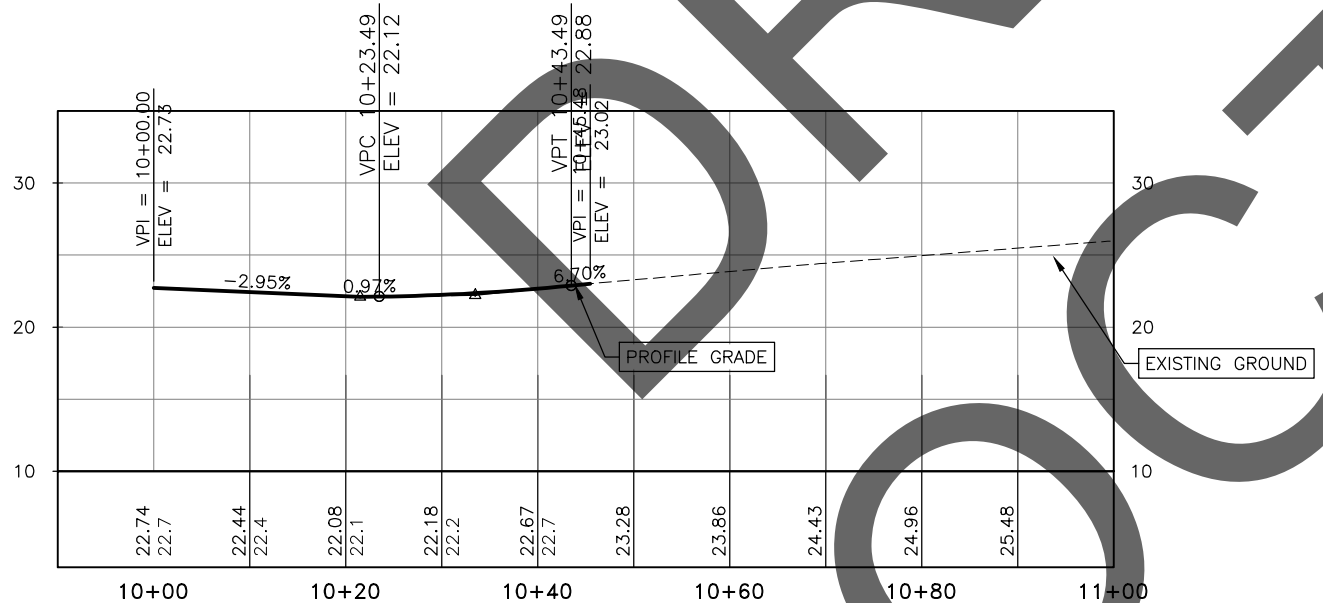
FILE G:\ktn\68091\Plan\68091_G1_PP.dwg DATE 9/24/2020 16:56 LAYOUT G7 DESIGNED STAFF CHECKED STAFF DRAFTED STAFF

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	2020	G7	11



NO.	STATION	OFFSET	ELEVATION	DESCRIPTION
1	82+14.14	20.50' LT		EOP (BEGIN 10' RADIUS)
2	82+24.14	30.54' LT		EOP (END 10' RADIUS)
3	82+23.91	48.46' LT	MTE	EOP
4	82+49.93	48.44' LT	MTE	EOP
5	82+50.01	30.46' LT		EOP (BEGIN 10' RADIUS)
6	82+60.01	20.50' LT		EOP (END 10' RADIUS)

VPI STA 10+33.49
 ELEV = 22.21
 LVC = 20.00'



LAYOUT POINT DESCRIPTIONS

- TBC = TOP BACK OF CURB
- MTE = MATCH TO EXISTING
- RP = RADIUS POINT
- EOP = EDGE OF PAVEMENT
- FOC = FACE OF CURB
- BR = BOTTOM OF RAMP
- PC = POINT OF CURVATURE
- PT = POINT OF TANGENCY

**PLANS IN HAND
 - NOT FOR
 CONSTRUCTION**

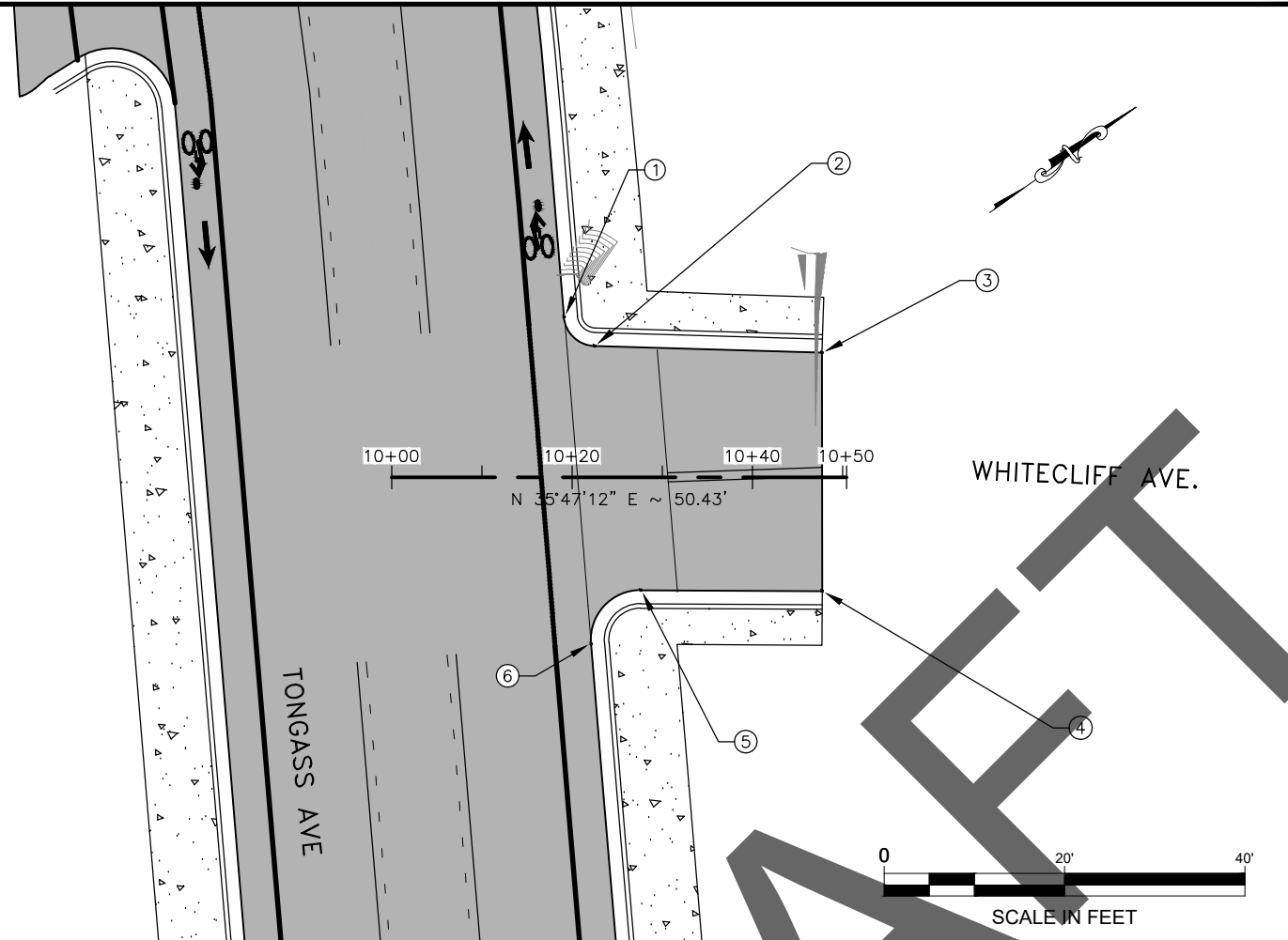
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES

KTN TONGASS AVE & WATER ST.
 VIADUCT & TUNNEL DESIGN

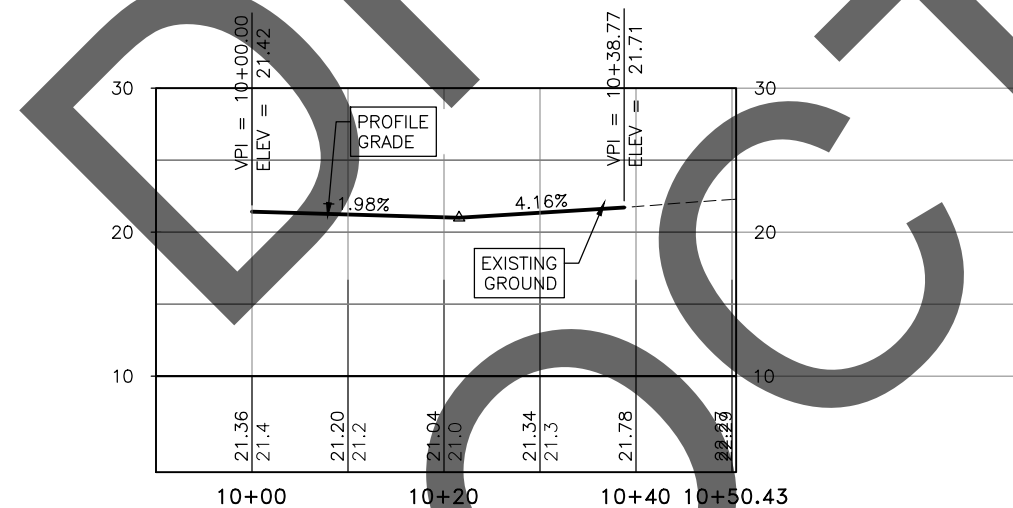
G7 -
 INTERSECTION
 DETAILS

FILE G:\ktn\68091\Planset\68091_G1_PP.dwg DATE 9/24/2020 16:56 LAYOUT 68 DESIGNED STAFF CHECKED STAFF DRAFTED STAFF

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	2020	G8	11



NO.	STATION	OFFSET	ELEVATION	DESCRIPTION
1	87+78.59	20.50' LT		EOP (BEGIN 3.5' RADIUS)
2	87+82.07	23.61' LT		EOP (END 3.5' RADIUS)
3	87+84.90	48.67' LT	MTE	EOP
4	88+11.25	46.51' LT	MTE	EOP
5	88+09.49	26.48' LT		EOP (BEGIN 5.5' RADIUS)
6	88+14.96	20.50' LT		EOP (END 5.5' RADIUS)



LAYOUT POINT DESCRIPTIONS

- TBC = TOP BACK OF CURB
- MTE = MATCH TO EXISTING
- RP = RADIUS POINT
- EOP = EDGE OF PAVEMENT
- FOC = FACE OF CURB
- BR = BOTTOM OF RAMP
- PC = POINT OF CURVATURE
- PT = POINT OF TANGENCY

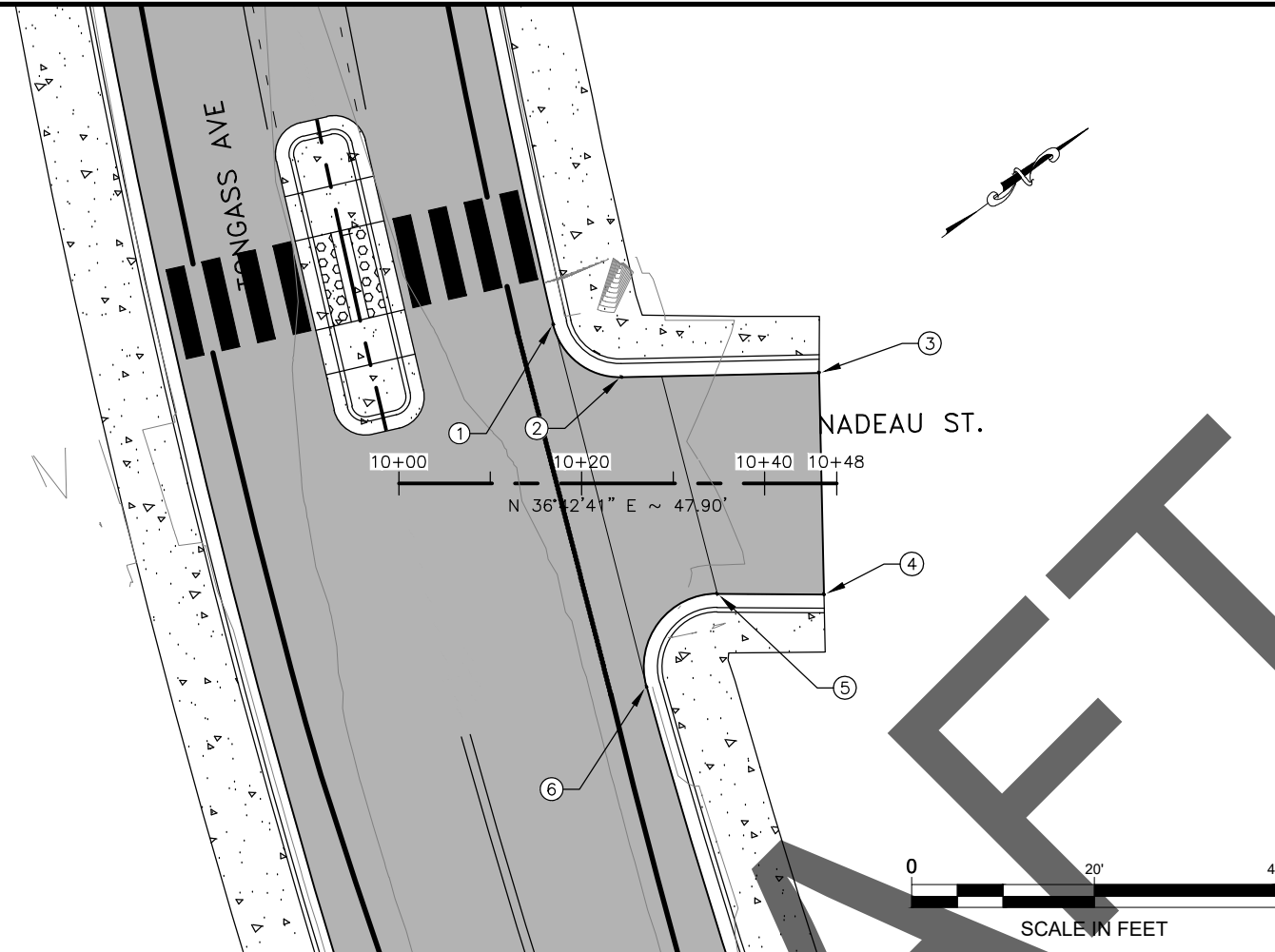
**PLANS IN HAND
- NOT FOR
CONSTRUCTION**

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

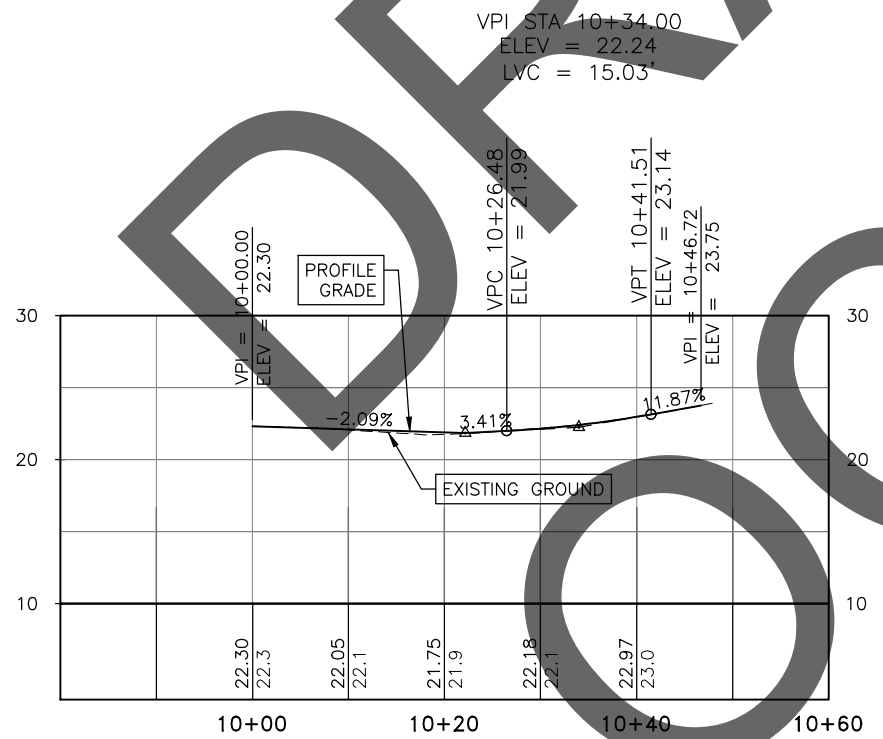
**KTN TONGASS AVE & WATER ST.
VIADUCT & TUNNEL DESIGN**

G8 -
INTERSECTION
DETAILS

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	2020	G9	11



NO.	STATION	OFFSET	ELEVATION	DESCRIPTION
1	90+64.74	20.50' LT		EOP (BEGIN 7.5' RADIUS)
2	90+72.28	26.42' LT		EOP (END 7.5' RADIUS)
3	90+77.11	47.50' LT	MTE	EOP
4	91+01.91	41.92' LT	MTE	EOP
5	90+98.66	30.67' LT		EOP (BEGIN 8' RADIUS)
6	91+06.62	20.51' LT		EOP (END 8' RADIUS)



LAYOUT POINT DESCRIPTIONS

- TBC = TOP BACK OF CURB
- MTE = MATCH TO EXISTING
- RP = RADIUS POINT
- EOP = EDGE OF PAVEMENT
- FOC = FACE OF CURB
- BR = BOTTOM OF RAMP
- PC = POINT OF CURVATURE
- PT = POINT OF TANGENCY

**PLANS IN HAND
- NOT FOR
CONSTRUCTION**

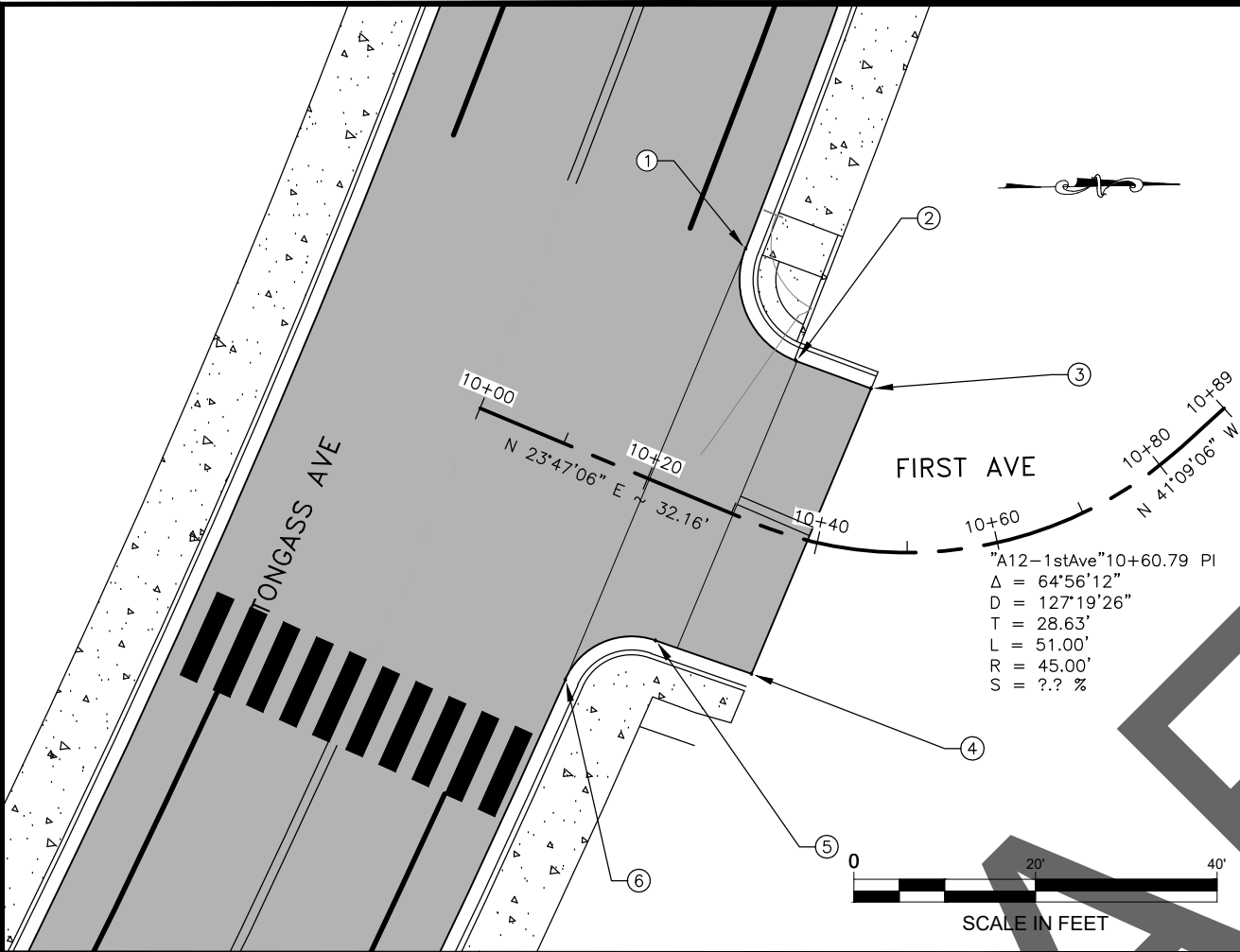
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

**KTN TONGASS AVE & WATER ST.
VIADUCT & TUNNEL DESIGN**

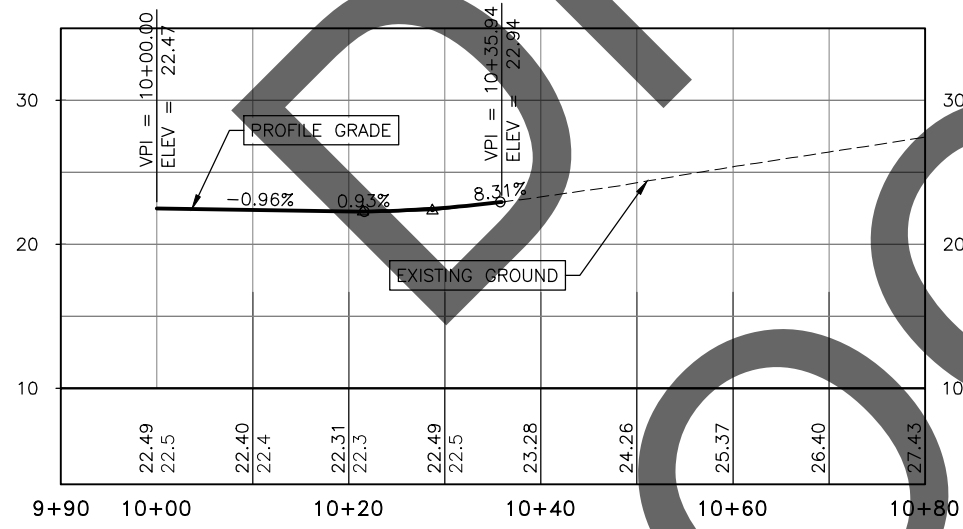
G9 -
INTERSECTION
DETAILS

FILE G:\ktn\68091\Plan\68091_G1_PP.dwg DATE 9/24/2020 16:56 LAYOUT G10 DESIGNED STAFF CHECKED STAFF DRAFTED STAFF

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	2020	G10	11



NO.	STATION	OFFSET	ELEVATION	DESCRIPTION
1	95+35.47	20.50' LT		EOP (BEGIN 9.5' RADIUS)
2	95+44.74	30.23' LT		EOP (END 9.5' RADIUS)
3	95+44.50	39.02' LT	MTE	EOP
4	95+77.53	38.96' LT	MTE	EOP
5	95+78.34	27.82' LT		EOP (BEGIN 8' RADIUS)
6	95+86.12	20.44' LT		EOP (END 8' RADIUS)



LAYOUT POINT DESCRIPTIONS

- TBC = TOP BACK OF CURB
- MTE = MATCH TO EXISTING
- RP = RADIUS POINT
- EOP = EDGE OF PAVEMENT
- FOC = FACE OF CURB
- BR = BOTTOM OF RAMP
- PC = POINT OF CURVATURE
- PT = POINT OF TANGENCY

**PLANS IN HAND
- NOT FOR
CONSTRUCTION**

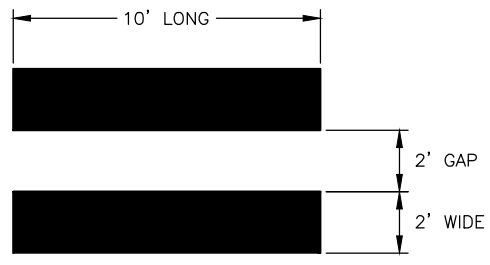
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

**KTN TONGASS AVE & WATER ST.
VIADUCT & TUNNEL DESIGN**

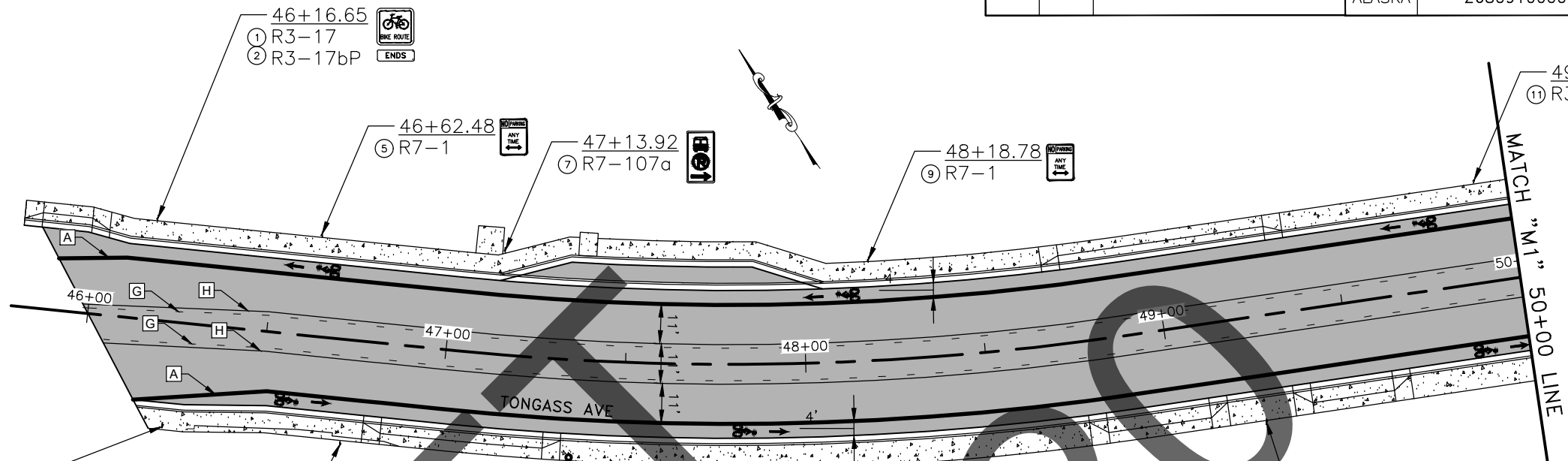
G10 -
INTERSECTION
DETAILS

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	Z680910000	2020	H1	9

FIRM STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 FILE Q:\ktn\68091\Plans\68091_H_SIGN-STRIPPE.dwg
 ADDRESS 6860 GLACIER HWY, JUNEAU, AK 99811
 DATE 8/24/2020 13:40 LAYOUT HT
 PHONE (907) 465-1763 WMC DESIGNED WMC CHECKED #/ WMC DRAFTED WMC
 CERTIFICATE OF AUTH #/

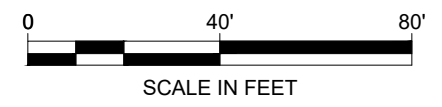


1 LONGITUDINAL CROSSWALK DETAIL
 SCALE: N.T.S.
 GAP MAY BE ADJUSTED TO 3' MAX SO MARKING IS OUTSIDE OF THE WHEEL PATH

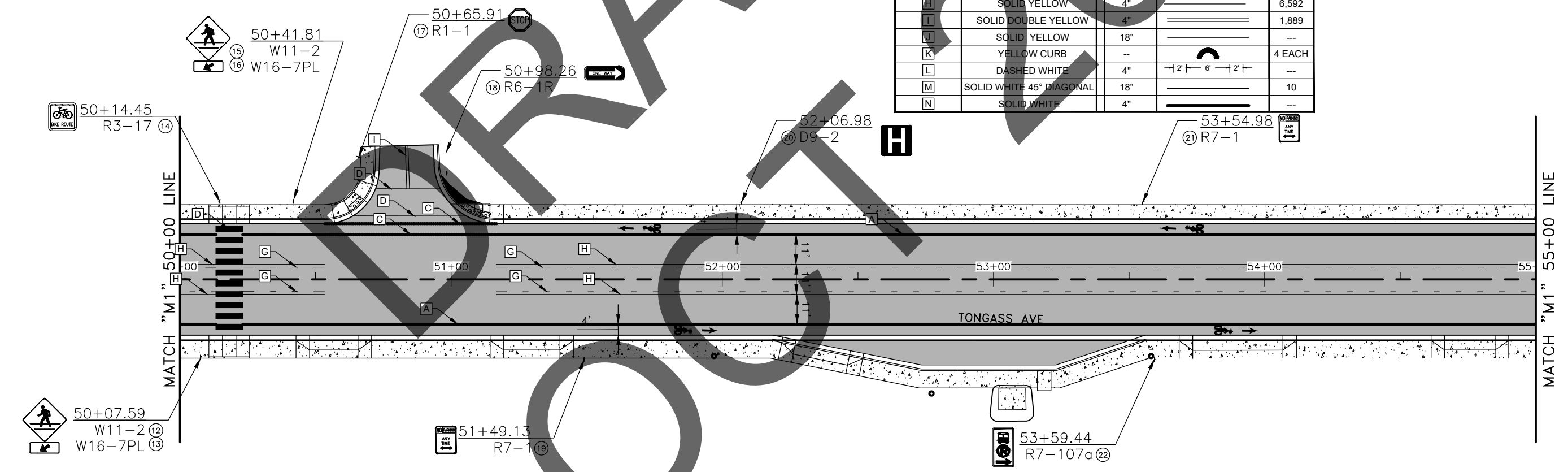


STRIPING LEGEND

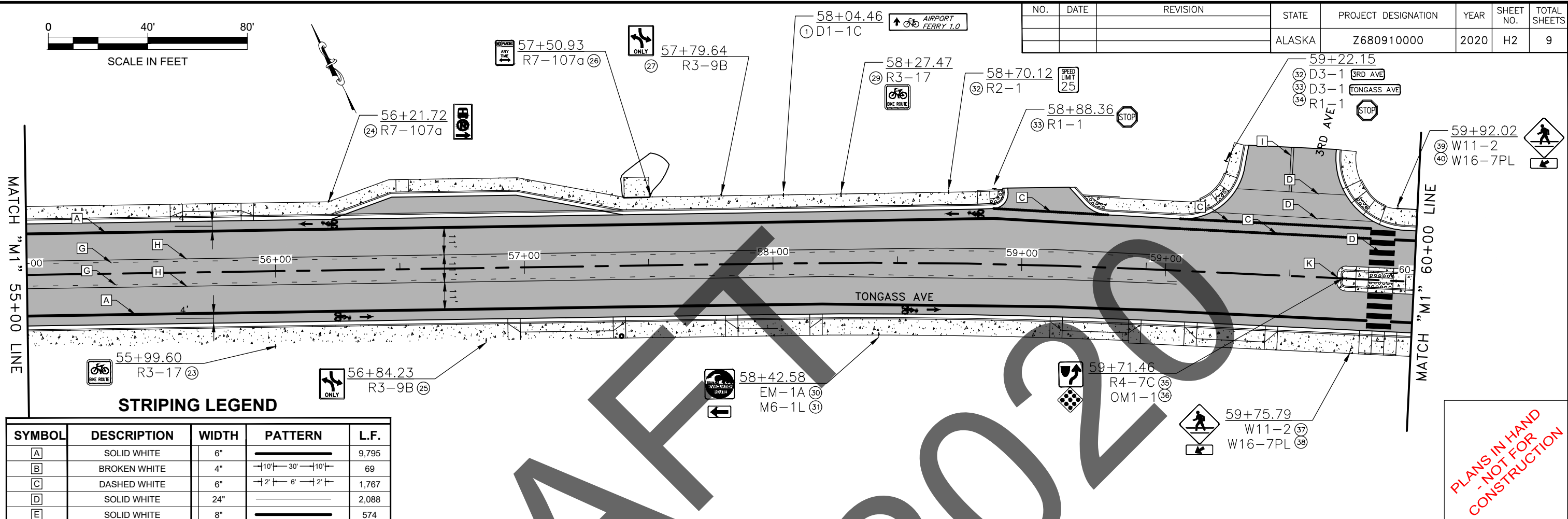
SYMBOL	DESCRIPTION	WIDTH	PATTERN	L.F.
A	SOLID WHITE	6"	—————	9,795
B	BROKEN WHITE	4"	- 10' - 30' - 10'	69
C	DASHED WHITE	6"	- 2' - 6' - 2'	1,767
D	SOLID WHITE	24"	—————	2,088
E	SOLID WHITE	8"	—————	574
F	SOLID WHITE	18"	—————	---
G	BROKEN YELLOW	4"	- 10' - 30' - 10'	6,568
H	SOLID YELLOW	4"	—————	6,592
I	SOLID DOUBLE YELLOW	4"	=====	1,889
J	SOLID YELLOW	18"	—————	---
K	YELLOW CURB	--	⤶	4 EACH
L	DASHED WHITE	4"	- 2' - 6' - 2'	---
M	SOLID WHITE 45° DIAGONAL	18"	—————	10
N	SOLID WHITE	4"	—————	---



PLANS IN HAND
 - NOT FOR
 CONSTRUCTION



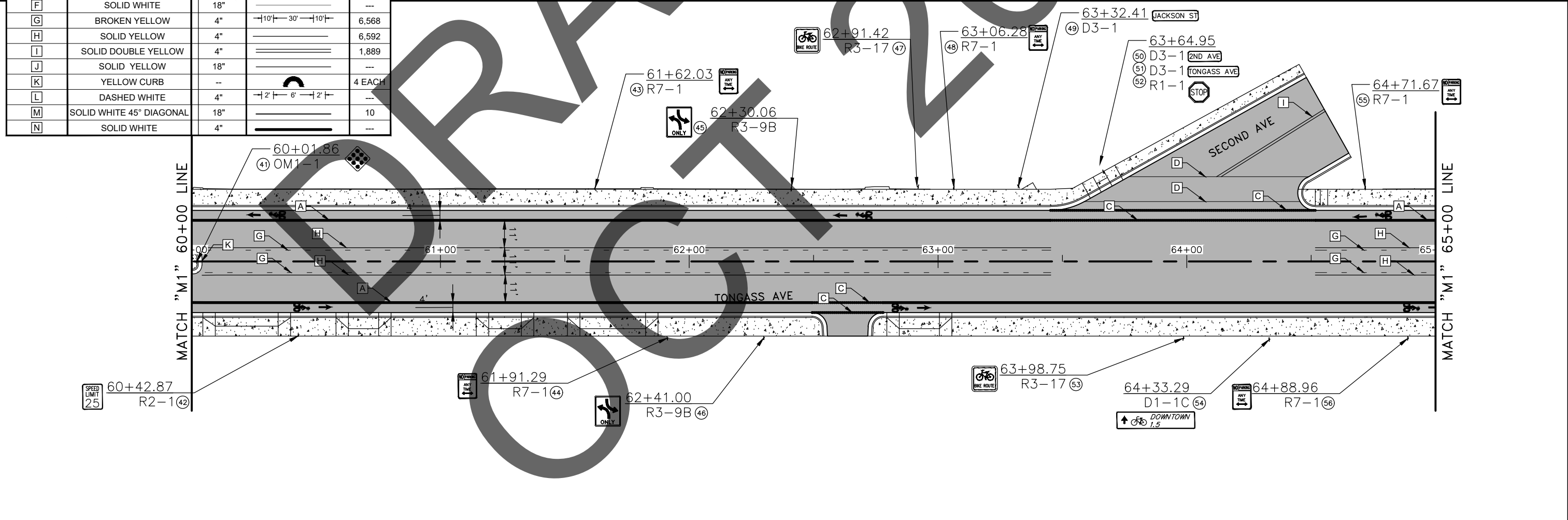
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	Z680910000	2020	H2	9



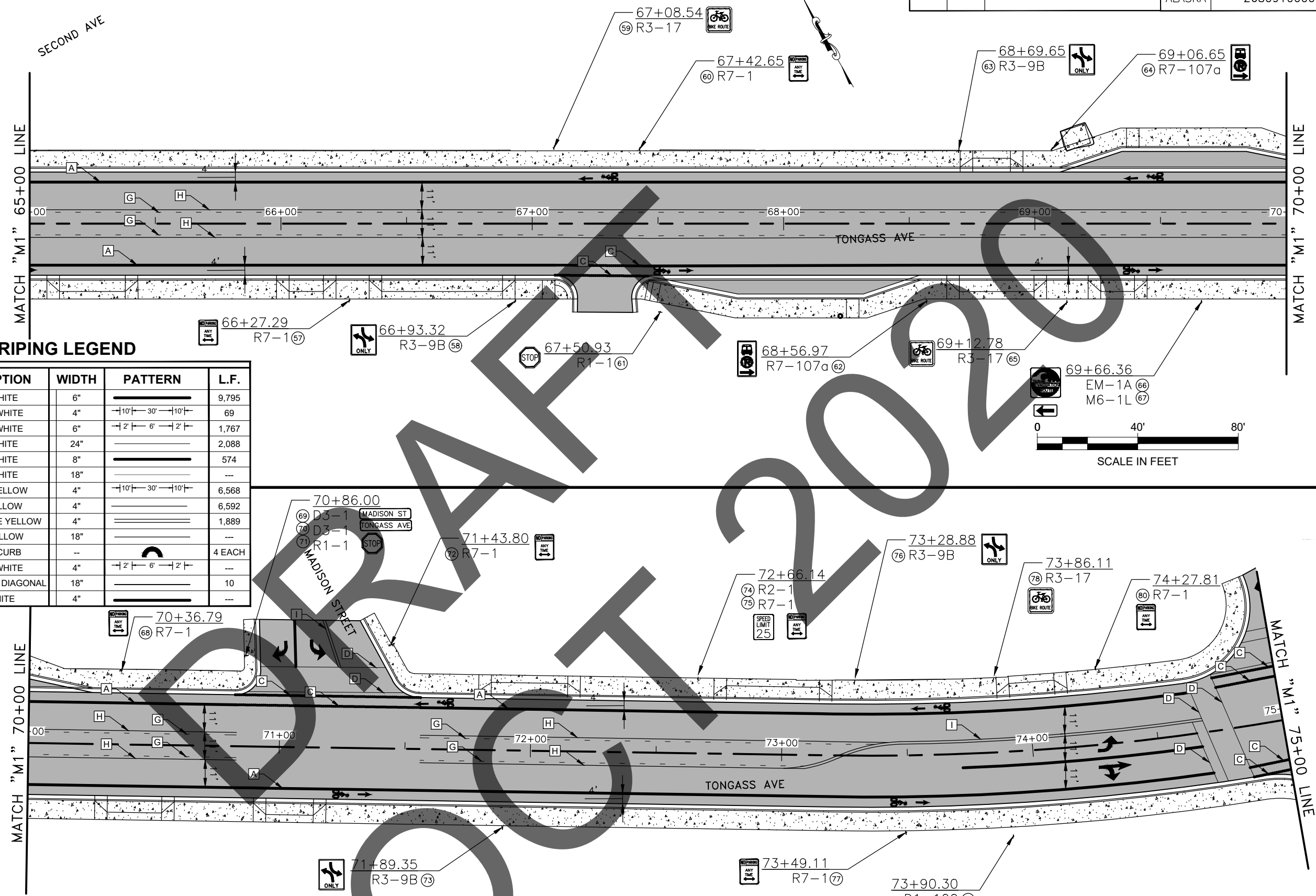
STRIPING LEGEND

SYMBOL	DESCRIPTION	WIDTH	PATTERN	L.F.
A	SOLID WHITE	6"	—————	9,795
B	BROKEN WHITE	4"	- 10' —30' —10'	69
C	DASHED WHITE	6"	- 2' —6' —2'	1,767
D	SOLID WHITE	24"	—————	2,088
E	SOLID WHITE	8"	—————	574
F	SOLID WHITE	18"	—————	---
G	BROKEN YELLOW	4"	- 10' —30' —10'	6,568
H	SOLID YELLOW	4"	—————	6,592
I	SOLID DOUBLE YELLOW	4"	—————	1,889
J	SOLID YELLOW	18"	—————	---
K	YELLOW CURB	--	⤶	4 EACH
L	DASHED WHITE	4"	- 2' —6' —2'	---
M	SOLID WHITE 45° DIAGONAL	18"	—————	10
N	SOLID WHITE	4"	—————	---

PLANS IN HAND
 - NOT FOR
 CONSTRUCTION

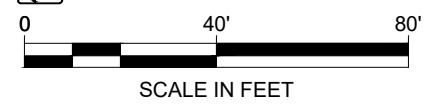


NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	Z680910000	2020	H3	9



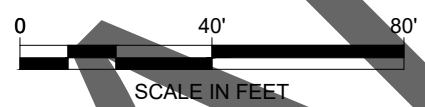
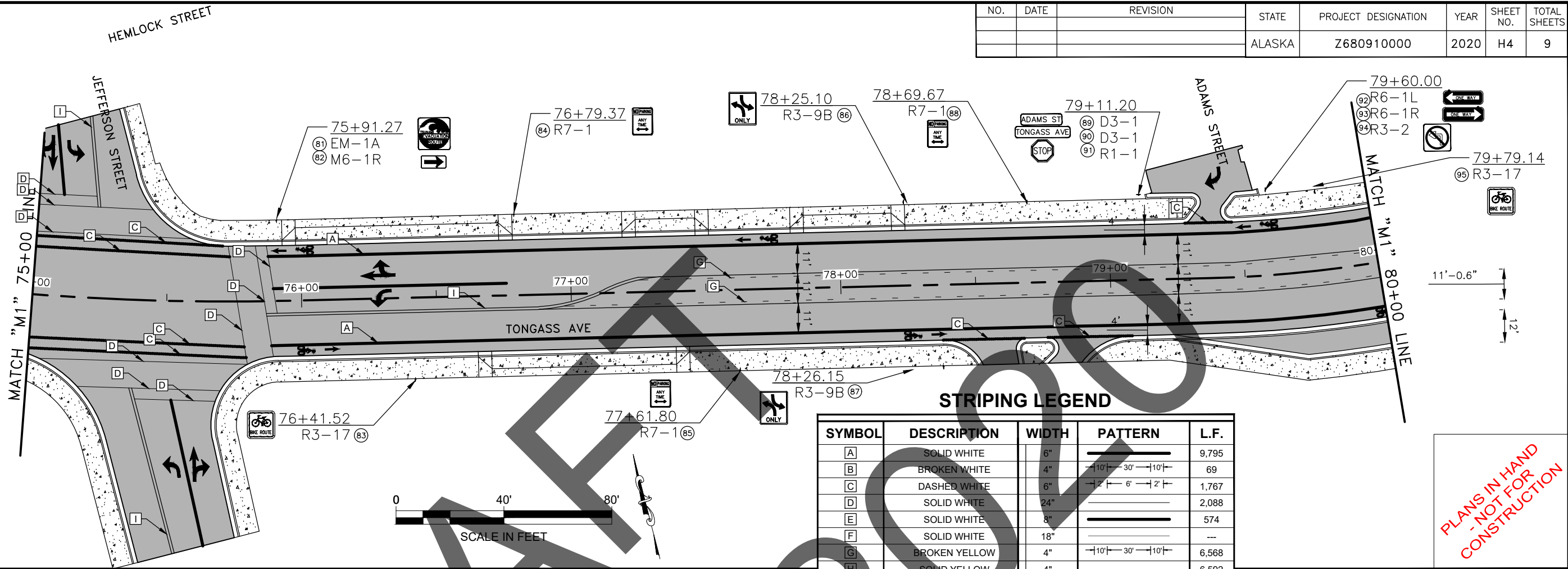
STRIPING LEGEND

SYMBOL	DESCRIPTION	WIDTH	PATTERN	L.F.
A	SOLID WHITE	6"	—————	9,795
B	BROKEN WHITE	4"	- 10' —30' —10'	69
C	DASHED WHITE	6"	- 2' —6' —2'	1,767
D	SOLID WHITE	24"	—————	2,088
E	SOLID WHITE	8"	—————	574
F	SOLID WHITE	18"	—————	—
G	BROKEN YELLOW	4"	- 10' —30' —10'	6,568
H	SOLID YELLOW	4"	—————	6,592
I	SOLID DOUBLE YELLOW	4"	—————	1,889
J	SOLID YELLOW	18"	—————	—
K	YELLOW CURB	—	⌢	4 EACH
L	DASHED WHITE	4"	- 2' —6' —2'	—
M	SOLID WHITE 45° DIAGONAL	18"	—————	10
N	SOLID WHITE	4"	—————	—



PLANS IN HAND
 - NOT FOR
 CONSTRUCTION

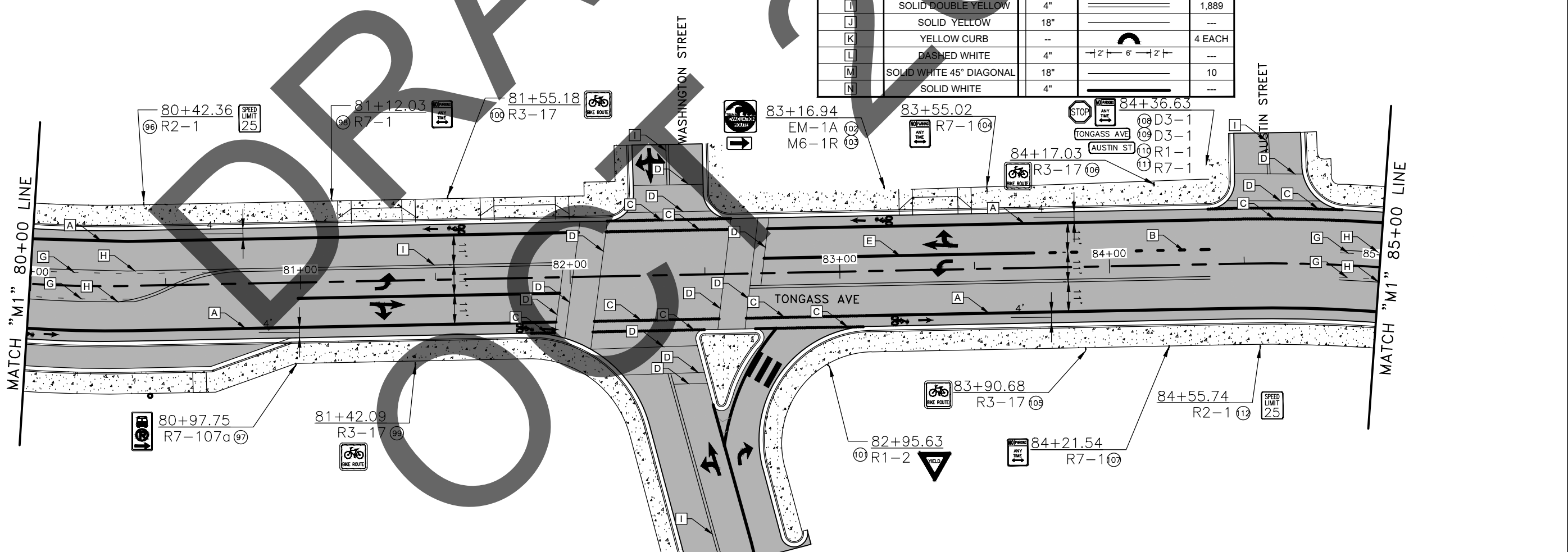
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	Z680910000	2020	H4	9



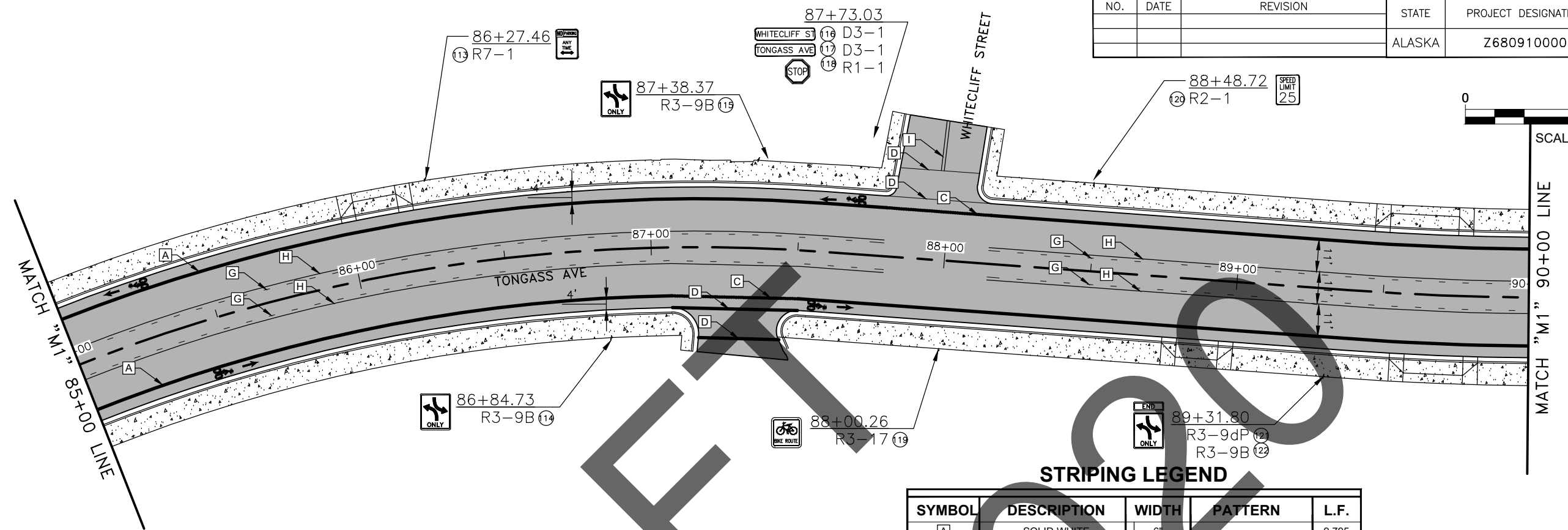
STRIPING LEGEND

SYMBOL	DESCRIPTION	WIDTH	PATTERN	L.F.
A	SOLID WHITE	6"	—————	9,795
B	BROKEN WHITE	4"	- 10' -30' -10'	69
C	DASHED WHITE	6"	- 2' -6' -2'	1,767
D	SOLID WHITE	24"	—————	2,088
E	SOLID WHITE	8"	—————	574
F	SOLID WHITE	18"	—————	---
G	BROKEN YELLOW	4"	- 10' -30' -10'	6,568
H	SOLID YELLOW	4"	—————	6,592
I	SOLID DOUBLE YELLOW	4"	—————	1,889
J	SOLID YELLOW	18"	—————	---
K	YELLOW CURB	-	—————	4 EACH
L	DASHED WHITE	4"	- 2' -6' -2'	---
M	SOLID WHITE 45° DIAGONAL	18"	—————	10
N	SOLID WHITE	4"	—————	---

PLANS IN HAND
- NOT FOR
CONSTRUCTION



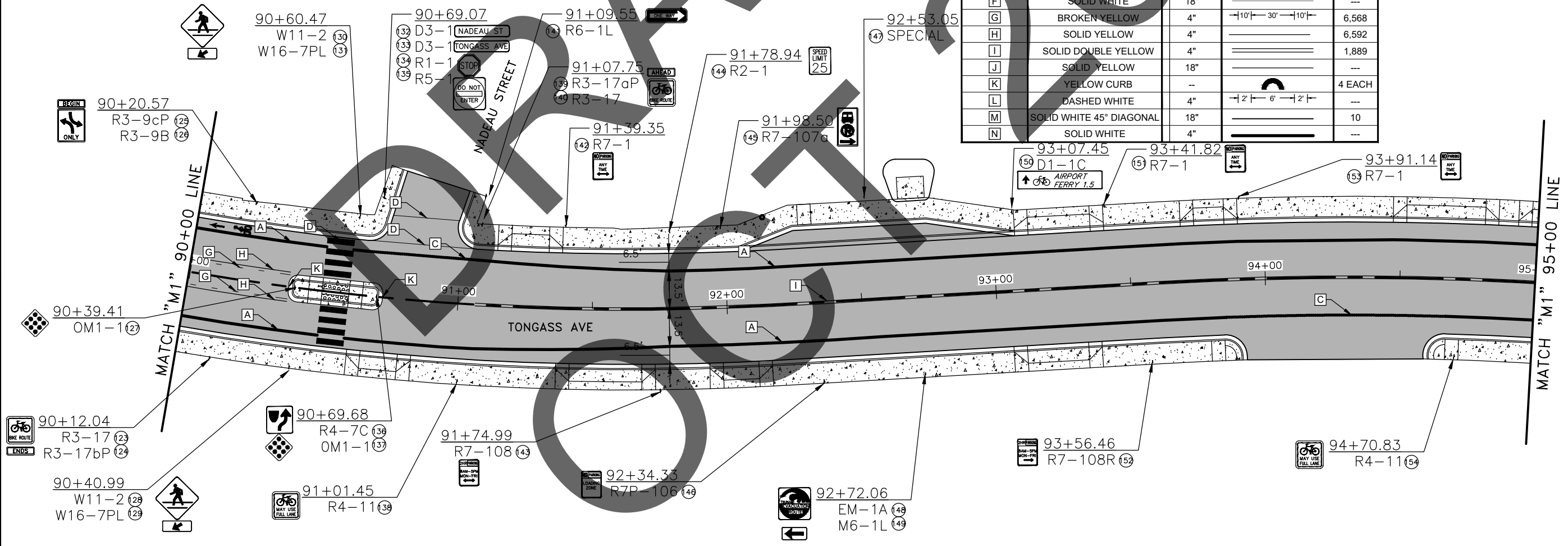
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	Z680910000	2020	H5	9



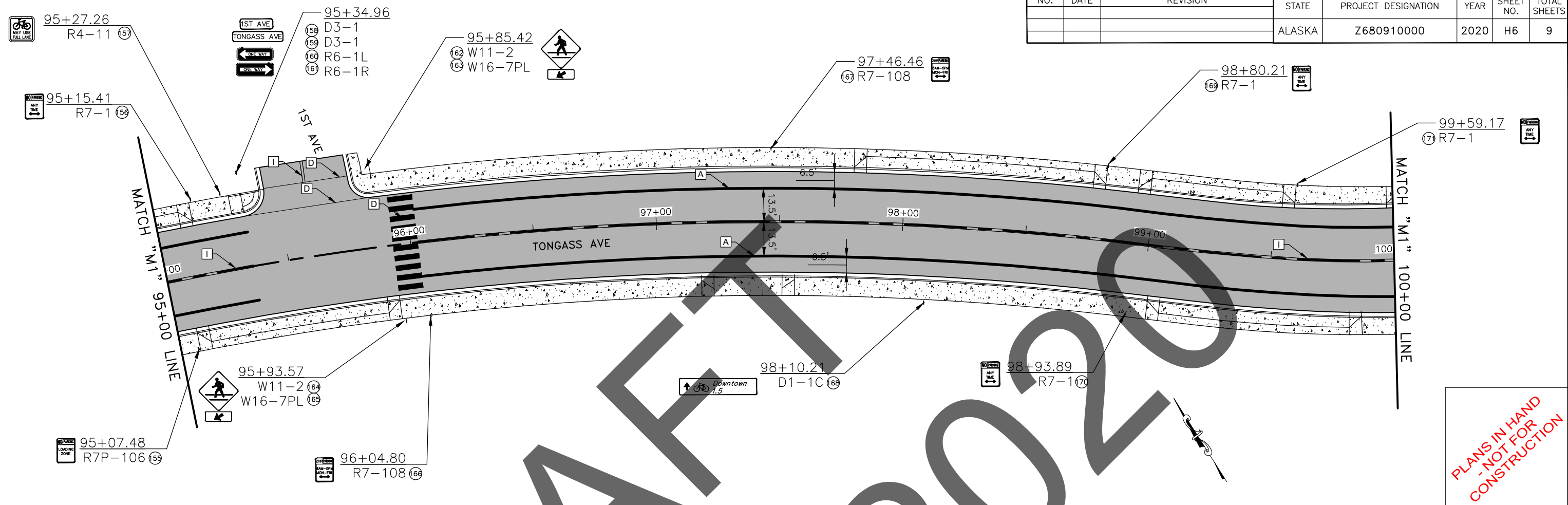
STRIPING LEGEND

SYMBOL	DESCRIPTION	WIDTH	PATTERN	L.F.
A	SOLID WHITE	6"	—————	9,795
B	BROKEN WHITE	4"	- 10' -30' -10'	69
C	DASHED WHITE	6"	- 2' -6' -2'	1,767
D	SOLID WHITE	24"	—————	2,088
E	SOLID WHITE	8"	—————	574
F	SOLID WHITE	18"	—————	—
G	BROKEN YELLOW	4"	- 10' -30' -10'	6,568
H	SOLID YELLOW	4"	—————	6,592
I	SOLID DOUBLE YELLOW	4"	—————	1,889
J	SOLID YELLOW	18"	—————	—
K	YELLOW CURB	—	⤿	4 EACH
L	DASHED WHITE	4"	- 2' -6' -2'	—
M	SOLID WHITE 45° DIAGONAL	18"	—————	10
N	SOLID WHITE	4"	—————	—

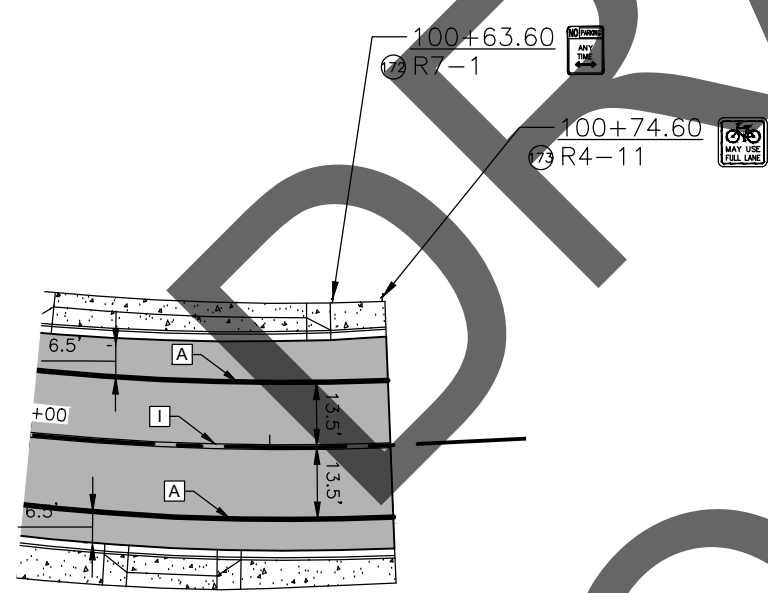
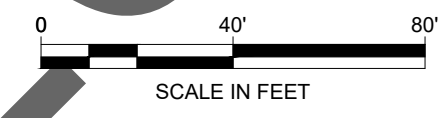
PLANS IN HAND
 - NOT FOR
 CONSTRUCTION



NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	Z680910000	2020	H6	9



PLANS IN HAND
 - NOT FOR
 CONSTRUCTION



STRIPING LEGEND

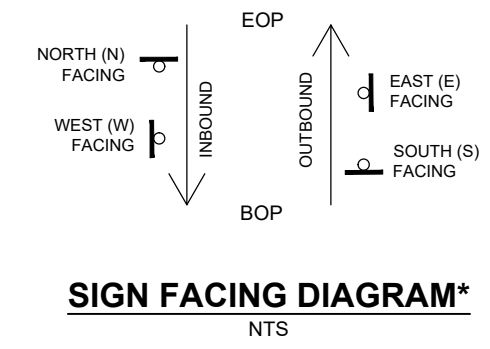
SYMBOL	DESCRIPTION	WIDTH	PATTERN	L.F.
A	SOLID WHITE	6"	—————	9,795
B	BROKEN WHITE	4"	- 10' - 30' - 10'	69
C	DASHED WHITE	6"	- 2' - 6' - 2'	1,767
D	SOLID WHITE	24"	—————	2,088
E	SOLID WHITE	8"	—————	574
F	SOLID WHITE	18"	—————	—
G	BROKEN YELLOW	4"	- 10' - 30' - 10'	6,568
H	SOLID YELLOW	4"	—————	6,592
I	SOLID DOUBLE YELLOW	4"	=====	1,889
J	SOLID YELLOW	18"	—————	—
K	YELLOW CURB	--	⤿	4 EACH
L	DASHED WHITE	4"	- 2' - 6' - 2'	—
M	SOLID WHITE 45° DIAGONAL	18"	—————	10
N	SOLID WHITE	4"	—————	—

DESIGNED: WMC
 CHECKED: WMC
 DRAFTED: WMC
 XREFS
 SCALE
 LAYOUT: H7
 DATE: TIME: 8/24/2020 13:40
 DRAWING LOCATION: G:\kin\68091\PlanSet\68091_H_SIGN-STRIPE.dwg

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	Z680910000	2020	H7	9

6.15.0001.0000 STANDARD SIGN										
NO.	STATION	OFFSET	DESCRIPTION	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SF)	POST	SIGN FACING*	REMARKS
1	46+16.65	LT	28.24 BIKE LANE	R3-17	30	24	5.00	2.5" PST	E	
2	46+16.65	LT	28.24 ENDS (PLAQUE)	R3-17bP	30	12	2.50		E	MOUNT SIGN BELOW NO. 1
3	46+23.84	RT	29.10 AHEAD (PLAQUE)	R3-17aP	30	12	2.50	2.5" PST	W	
4	46+23.84	RT	29.10 BIKE LANE	R3-17	30	24	5.00	2.5" PST	W	MOUNT SIGN BELOW NO. 3
5	46+62.48	LT	28.26 NO PARKING ANY TIME	R7-1	12	18	1.50	2.5" PST	E	
6	46+73.43	RT	29.05 NO PARKING ANY TIME	R7-1	12	18	1.50	2.5" PST	W	
7	47+13.92	LT	28.94 NO PARKING TRANSIT LOGO	R7-107a	12	18	1.50	2.5" PST	E	
8	47+54.51	RT	29.15 TWO WAY LEFT TURN ONLY	R3-9B	24	36	6.00	2.5" PST	W	
9	48+18.78	LT	28.01 NO PARKING ANY TIME	R7-1	12	18	1.50	2.5" PST	E	
10	49+24.58	RT	29.34 NO PARKING ANY TIME	R7-1	12	18	1.50	2.5" PST	W	
11	49+91.13	LT	28.46 TWO WAY LEFT TURN ONLY	R3-9B	24	36	6.00	2.5" PST	E	
12	50+07.67	RT	28.55 PEDESTRIAN (SYMBOL)	W11-2	36	36	9.00	2.5" PST	W	
13	50+07.67	RT	28.55 DOWNWARD DIAGONAL ARROW (PLAQUE)	W16-7PL	24	12	2.00		W	MOUNT SIGN BELOW NO. 12
14	50+14.45	LT	28.73 BIKE LANE	R3-17	30	24	5.00	2.5" PST	E	
15	50+41.75	LT	28.72 PEDESTRIAN (SYMBOL)	W11-2	36	36	9.00	2.5" PST	E	
16	50+41.75	LT	28.72 DOWNWARD DIAGONAL ARROW (PLAQUE)	W16-7PL	24	12	2.00		E	MOUNT SIGN BELOW NO. 15
17	50+65.91	LT	45.00 STOP	R1-1	30	30	6.25	2.5" PST	N	
18	50+98.42	LT	39.18 ONE WAY	R6-1R	36	36	9.00	2.5" PST	E	
19	51+49.13	RT	29.53 NO PARKING ANY TIME	R7-1	12	18	1.50	2.5" PST	W	
20	52+06.98	LT	28.48 HOSPITAL (SYMBOL)	D9-2	24	24	4.00	2.5" PST	E	
21	53+54.98	LT	28.41 NO PARKING ANY TIME	R7-1	12	18	1.50	2.5" PST	E	
22	53+59.44	RT	29.48 NO PARKING TRANSIT LOGO	R7-107a	12	18	1.50	2.5" PST	W	
23	55+99.60	RT	30.25 BIKE LANE	R3-17	30	24	5.00	2.5" PST	W	
24	56+21.72	LT	28.00 NO PARKING TRANSIT LOGO	R7-107a	12	18	1.50	2.5" PST	E	
25	56+84.34	RT	29.06 TWO WAY LEFT TURN ONLY	R3-9B	24	36	6.00	2.5" PST	W	
26	57+50.93	LT	28.33 NO PARKING ANY TIME	R7-107a	12	18	1.50	2.5" PST	E	
27	57+79.61	LT	28.17 TWO WAY LEFT TURN ONLY	R3-9B	24	36	6.00	2.5" PST	E	
28	58+04.46	LT	27.43 (AHEAD ARROW)(BIKE SYMBOL) AIRPORT FERRY 1	D1-1C	40	6	1.67	2.5" PST	E	
29	58+27.40	LT	27.93 BIKE LANE	R3-17	30	24	5.00	2.5" PST	E	
30	58+42.69	RT	28.71 TSUNAMI EVACUATION ROUTE	EM-1A	24	24	4.00	2.5" PST	W	
31	58+42.69	RT	28.71 ARROW (LEFT)	M6-1L	12	9	0.75		W	MOUNT SIGN BELOW NO. 30
32	58+70.16	LT	28.65 SPEED LIMIT 25	R2-1	30	36	7.50	2.5" PST	E	
33	58+88.46	LT	30.12 STOP	R1-1	30	30	6.25	2.5" PST	N	
34	59+22.15	LT	44.84 3RD AVE	D3-1	8	18	1.00	2.5" PST	E/W	
35	59+22.15	LT	44.84 TONGASS AVE	D3-1	8	26	1.44		N/S	MOUNT SIGN BELOW NO. 34
36	59+22.15	LT	44.84 STOP	R1-1	30	30	6.25		N	MOUNT SIGN BELOW NO. 35
37	59+71.46	RT	0.00 KEEP RIGHT (NARROW)	R4-7C	18	30	3.75	2.5" PST	W	
38	59+71.46	RT	0.00 OBJECT MARKER (PLAQUE)	OM1-1	18	18	2.25		W	MOUNT SIGN BELOW NO. 37
39	59+75.82	RT	28.76 PEDESTRIAN (SYMBOL)	W11-2	36	36	9.00	2.5" PST	W	
40	59+75.82	RT	28.76 DOWNWARD DIAGONAL ARROW (PLAQUE)	W16-7PL	24	12	2.00		W	MOUNT SIGN BELOW NO. 39
41	59+92.02	LT	30.35 PEDESTRIAN (SYMBOL)	W11-2	36	36	9.00	2.5" PST	E	
42	59+92.02	LT	30.35 DOWNWARD DIAGONAL ARROW (PLAQUE)	W16-7PL	24	12	2.00		E	MOUNT SIGN BELOW NO. 41
43	60+01.86	RT	0.04 OBJECT MARKER (PLAQUE)	OM1-1	18	18	2.25	2.5" PST	E	
44	60+42.90	RT	29.46 SPEED LIMIT 25	R2-1	30	36	7.50	2.5" PST	W	
45	61+62.03	LT	29.5 NO PARKING ANY TIME	R7-1	12	18	1.50	2.5" PST	E	
46	61+91.29	RT	30.78 NO PARKING ANY TIME	R7-1	12	18	1.50	2.5" PST	W	
47	62+30.06	RT	30.68 TWO WAY LEFT TURN ONLY	R3-9B	24	36	6.00	2.5" PST	W	
48	62+40.87	LT	29.01 TWO WAY LEFT TURN ONLY	R3-9B	24	36	6.00	2.5" PST	E	
49	62+91.94	LT	30.07 BIKE LANE	R3-17	30	24	5.00	2.5" PST	E	
50	63+06.28	LT	29.51 NO PARKING ANY TIME	R7-1	12	18	1.50	2.5" PST	E	
51	63+32.41	LT	30.23 JACKSON ST	D8-1	24	8	1.33		E/W	MOUNTED ON STAIRCASE
52	63+66.47	LT	36.03 2ND AVE	D3-1	18	8	1.00	2.5" PST	E/W	
53	63+66.47	LT	36.03 TONGASS AVE	D3-1	26	8	1.44		N/S	MOUNT SIGN BELOW NO. 52
54	63+66.47	LT	36.03 STOP	R1-1	30	30	6.25		N	MOUNT SIGN BELOW NO. 53
55	63+98.75	RT	30.91 BIKE LANE	R3-17	30	24	5.00	2.5" PST	W	
56	64+33.29	RT	31.33 (AHEAD ARROW)(BIKE SYMBOL) DOWNTOWN 1.5	D1-1C	32	6	1.33	2.5" PST	W	
57	64+71.67	LT	29.49 NO PARKING ANY TIME	R7-1	12	18	1.50	2.5" PST	E	
58	64+88.96	RT	30.92 NO PARKING ANY TIME	R7-1	12	18	1.50	2.5" PST	W	
59	66+27.29	RT	30.58 NO PARKING ANY TIME	R7-1	12	18	1.50	2.5" PST	W	
60	66+93.32	RT	30.82 TWO WAY LEFT TURN ONLY	R3-9B	24	36	6.00	2.5" PST	W	
61	67+08.54	LT	30.24 BIKE LANE	R3-17	30	24	5.00	2.5" PST	E	
62	67+42.65	LT	29.68 NO PARKING ANY TIME	R7-1	12	18	1.50	2.5" PST	E	
63	67+50.93	RT	35.09 STOP	R1-1	30	30	6.25	2.5" PST	S	
64	68+56.97	RT	30.83 NO PARKING TRANSIT LOGO	R7-107a	12	18	1.50	2.5" PST	W	
65	68+69.55	LT	28.99 TWO WAY LEFT TURN ONLY	R3-9B	24	36	6.00	2.5" PST	E	
66	69+06.65	LT	29.60 NO PARKING TRANSIT LOGO	R7-107a	12	18	1.50	2.5" PST	E	
67	69+12.78	RT	31.36 BIKE LANE	R3-17	30	24	5.00	2.5" PST	W	
68	69+66.36	RT	31.19 TSUNAMI EVACUATION ROUTE	EM-1A	24	24	4.00	2.5" PST	W	
69	69+66.36	RT	31.19 ARROW (LEFT)	M6-1L	12	9	0.75		W	MOUNT SIGN BELOW NO. 68
70	70+36.79	LT	29.51 NO PARKING ANY TIME	R7-1	12	18	1.50	2.5" PST	E	
71	70+86.46	LT	36.07 MADISON ST	D3-1	24	8	1.33	2.5" PST	E/W	
72	70+86.46	LT	36.07 TONGASS AVE	D3-1	26	8	1.44		N/S	MOUNT SIGN BELOW NO. 71
73	70+86.46	LT	36.07 STOP	R1-1	30	30	6.25		N	MOUNT SIGN BELOW NO. 72
74	71+44.68	LT	41.5 NO PARKING ANY TIME	R7-1	12	18	1.50	2.5" PST	N	
75	71+89.35	RT	30.66 TWO WAY LEFT TURN ONLY	R3-9B	24	36	6.00	2.5" PST	W	
76	72+66.15	LT	29.57 SPEED LIMIT 25	R2-1	30	36	7.50	2.5" PST	E	
77	72+66.15	LT	29.57 NO PARKING ANY TIME	R7-1	12	18	1.50		E	MOUNT SIGN BELOW NO. 76
78	73+28.64	LT	29.16 TWO WAY LEFT TURN ONLY	R3-9B	24	36	6.00	2.5" PST	E	
79	73+49.11	RT	30.66 NO PARKING ANY TIME	R7-1	12	18	1.50	2.5" PST	W	
80	73+85.54	LT	28.73 BIKE LANE	R3-17	30	24	5.00	2.5" PST	E	
81	73+90.30	RT	33.85 UAS CAMPUS/HIGH SCHOOL/ARROW (LEFT)	D1-100	24	42	7.00	2.5" PST	W	
82	74+27.81	LT	30.50 NO PARKING ANY TIME	R7-1	12	18	1.50	2.5" PST	E	

DRAFT 2020



SIGN FACING NOTES: SIGN FACING IS RELATIVE TO THE DIAGRAM ABOVE. IT IS NOT RELATED TO CARDINAL DIRECTION.

PLANS IN HAND
 - NOT FOR
 CONSTRUCTION

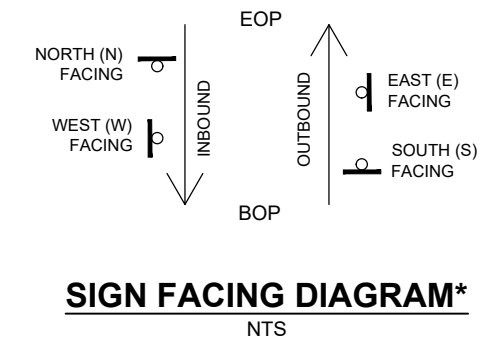
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
**KTN TONGASS AVENUE & WATER
 STREET VIADUCT & TUNNEL**
 #Z680910000

DESIGNED: MWC
 CHECKED: MWC
 DRAFTED: MWC
 XREFS
 SCALE
 LAYOUT: HB
 DATE: TIME: 8/24/2020 13:40
 DRAWING LOCATION: G:\kin\66091\PlanSet\66091_H_SIGN-STRIPE.dwg

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	Z680910000	2020	H8	9

6.15.0001.0000 STANDARD SIGN											
NO.	STATION	OFFSET	DESCRIPTION	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SF)	POST	SIGN FACING*	REMARKS	
83	75+91.22	LT	29.78	TSUNAMI EVACUATION ROUTE	EM-1A	24	24	4.00	2.5" PST	E	
84	75+91.22	LT	29.78	ARROW (RIGHT)	M6-1R	12	9	0.75		E	MOUNT SIGN BELOW NO. 83
85	76+41.53	RT	30.37	BIKE LANE	R3-17	30	24	5.00	2.5" PST	W	
86	76+79.32	LT	29.9	NO PARKING ANY TIME	R7-1	12	18	1.50	2.5" PST	E	
87	77+62.01	RT	29.67	NO PARKING ANY TIME	R7-1	12	18	1.50	2.5" PST	W	
88	78+23.89	LT	31.03	TWO WAY LEFT TURN ONLY	R3-9B	24	36	6.00	2.5" PST	E	
89	78+37.46	RT	30.43	TWO WAY LEFT TURN ONLY	R3-9B	24	36	6.00	2.5" PST	W	
90	78+69.67	LT	29.81	NO PARKING ANY TIME	R7-1	12	18	1.50	2.5" PST	E	
91	79+11.20	LT	31.47	ADAMS ST	D3-1	8	20	1.11	2.5" PST	E/W	
92	79+11.20	LT	31.47	TONGASS AVE	D3-1	8	26	1.44		N/S	MOUNT SIGN BELOW NO. 91
93	79+11.20	LT	31.47	STOP	R1-1	30	30	6.25		N	MOUNT SIGN BELOW NO. 92
94	79+60.00	LT	31.73	ONE WAY	R6-1L	36	36	9.00		W	MOUNT BACK TO BACK WITH SIGN NO. 95
95	79+60.00	LT	31.73	ONE WAY	R6-1R	36	36	9.00		E	MOUNT BACK TO BACK WITH SIGN NO. 94
96	79+60.00	LT	31.73	NO LEFT TURN	R3-2	24	24	4.00		W	MOUNT SIGN BELOW NO. 94
97	79+79.25	LT	29.25	BIKE LANE	R3-17	30	24	5.00	2.5" PST	E	
98	80+42.41	LT	30.1	SPEED LIMIT 25	R2-1	30	36	7.50	2.5" PST	E	
99	80+97.75	RT	30.51	NO PARKING TRANSIT LOGO	r7-107a	12	18	1.50	2.5" PST	W	
100	81+12.03	LT	30.93	NO PARKING ANY TIME	R7-1	12	18	1.50	2.5" PST	E	
101	81+42.09	RT	31.25	BIKE LANE	R3-17	30	24	5.00	2.5" PST	W	
102	81+55.14	LT	30.57	BIKE LANE	R3-17	30	24	5.00	2.5" PST	E	
103	82+95.10	RT	34.64	YIELD	R1-2	36	36	9.00	2.5" PST	S	
104	83+16.94	LT	31.00	TSUNAMI EVACUATION ROUTE	EM-1A	24	24	4.00	2.5" PST	E	
105	83+16.94	LT	31.00	ARROW (RIGHT)	M6-1R	12	9	0.75		E	MOUNT SIGN BELOW NO. 104
106	83+55.03	LT	29.94	NO PARKING ANY TIME	R7-1	12	18	1.50	2.5" PST	E	
107	83+90.68	RT	30.56	BIKE LANE	R3-17	30	24	5.00	2.5" PST	W	
108	84+17.03	LT	30.11	BIKE LANE	R3-17	30	24	5.00	2.5" PST	E	
109	84+21.54	RT	30.50	NO PARKING ANY TIME	R7-1	12	18	1.50	2.5" PST	W	
110	84+38.59	LT	36.75	AUSTIN ST	D3-1	22	8	1.22	2.5" PST	E/W	
111	84+38.59	LT	36.75	TONGASS AVE	D3-1	26	8	1.44		N/S	MOUNT SIGN BELOW NO. 110
112	84+38.59	LT	36.75	STOP	R1-1	30	30	6.25		N	MOUNT SIGN BELOW NO. 111
113	84+38.59	LT	36.75	NO PARKING ANY TIME	R7-1	12	18	1.50		N	MOUNT BACK TO BACK WITH SIGN NO. 112
114	84+55.80	RT	30.93	SPEED LIMIT 25	R2-1	30	36	7.50	2.5" PST	W	
115	86+27.18	LT	30.33	NO PARKING ANY TIME	R7-1	12	18	1.50	2.5" PST	E	
116	86+84.92	RT	20.06	TWO WAY LEFT TURN ONLY	R3-9B	24	36	6.00	2.5" PST	W	
117	87+35.49	LT	30.16	TWO WAY LEFT TURN ONLY	R3-9B	24	36	6.00	2.5" PST	E	
118	87+78.31	LT	38.4	WHITECLIFF ST	D3-1	8	1.67	2.5" PST	E/W		
119	87+78.31	LT	38.4	TONGASS AVE	D3-1	26	8	1.44		N/S	MOUNT SIGN BELOW NO. 118
120	87+78.31	LT	38.4	STOP	R1-1	30	30	6.25		N	MOUNT SIGN BELOW NO. 119
121	88+00.26	RT	30.61	BIKE LANE	R3-17	30	30	6.25	2.5" PST	W	
122	88+48.92	LT	29.38	SPEED LIMIT 25	R2-1	30	36	7.50	2.5" PST	E	
123	89+31.81	RT	29.88	ENDS (PLAQUE)	R3-9dP	12	30	2.50	2.5" PST	W	
124	89+31.81	RT	29.88	TWO WAY LEFT TURN ONLY	R3-9B	24	36	6.00	2.5" PST	W	MOUNT SIGN BELOW NO. 123
125	90+12.07	RT	30.44	BIKE LANE	R3-17	30	24	5.00	2.5" PST	W	
126	90+12.07	RT	30.44	ENDS (PLAQUE)	R3-17bP	30	12	2.50		W	MOUNT SIGN BELOW NO. 125
127	90+20.57	LT	29.12	BEGIN (PLAQUE)	R3-9cP	12	30	2.50	2.5" PST	W	
128	90+20.57	LT	29.12	TWO WAY LEFT TURN ONLY	R3-9B	24	36	6.00		W	MOUNT SIGN BELOW NO. 127
129	90+39.41	RT	0.04	OBJECT MARKER (PLAQUE)	OM1-1					E	
130	90+40.90	RT	29.45	PEDESTRIAN (SYMBOL)	W11-2	36	36	9.00	2.5" PST	W	
131	90+40.90	RT	29.45	DOWNWARD DIAGONAL ARROW (PLAQUE)	W16-7PL	24	12	2.00		W	MOUNT BELOW SIGN NO. 130
132	90+60.37	LT	28.78	PEDESTRIAN (SYMBOL)	W11-2	36	36	9.00	2.5" PST	E	
133	90+60.37	LT	28.78	DOWNWARD DIAGONAL ARROW (PLAQUE)	W16-7PL	24	12	2.00		E	MOUNT BELOW SIGN NO. 132
134	90+69.07	LT	36.68	NADEAU ST	D3-1	8	22	1.22	2.5" PST	E/W	
135	90+69.07	LT	36.68	TONGASS AVE	D3-1	8	26	1.44		N/S	MOUNT BELOW SIGN NO. 134
136	90+69.07	LT	36.68	STOP	R1-1	30	30	6.25		N	MOUNT BELOW SIGN NO. 135
137	90+69.07	LT	36.68	DO NOT ENTER	R5-1	30	30	6.25		S	MOUNT BACK TO BACK WITH SIGN 136
138	90+69.68	LT	0.00	KEEP RIGHT (NARROW)	R4-7C	18	30	3.75	2.5" PST	E	
139	90+69.68	LT	0.00	OBJECT MARKER (PLAQUE)	OM1-1	18	18	2.25		E	MOUNT BELOW SIGN NO. 138
140	91+01.63	RT	28.77	BICYCLES MAY USE FULL LANE	R4-11	30	30	6.25	2.5" PST	E	
141	91+07.29	LT	29.72	AHEAD (PLAQUE)	R3-17aP	30	12	2.50		E	MOUNT BELOW SIGN NO. 140
142	91+07.29	LT	29.72	BIKE LANE	R3-17	30	24	5.00	2.5" PST	W	
143	91+08.31	LT	40.37	ONE WAY	R6-1L	36	36	9.00	2.5" PST	W	
144	91+39.35	LT	30.81	NO PARKING ANY TIME	R7-1	12	18	1.50	2.5" PST	E	
145	91+74.98	RT	30.42	2 HR PARKING 8AM-5PM MON-FRI (UNI DIRECTION ARROW)	R7-108R	12	18	1.50	2.5" PST	W	
146	91+78.94	LT	28.78	SPEED LIMIT 25	R2-1	30	36	7.50	2.5" PST	E	
147	91+98.50	LT	29.88	NO PARKING TRANSIT LOGO	r7-107a	12	18	1.50	2.5" PST	E	
148	92+34.42	RT	29.42	NO PARKING LOADING ZONE	R7P-106	12	18	1.50	2.5" PST	W	
149	92+53.05	LT	38.21	TSUNAMI HAZARD				0.00	2.5" PST	E	SALVAGE & REUSE EXISTING SIGN
150	92+72.06	RT	28.93	TSUNAMI EVACUATION ROUTE	EM-1A	24	24	4.00	2.5" PST	W	
151	92+72.06	RT	28.93	ARROW (LEFT)	M6-1L	12	9	0.75		W	MOUNT BELOW SIGN NO. 150
152	93+07.39	LT	29.33	(AHEAD ARROW)(BIKE SYMBOLS) AIRPORT FERRY 1.5	D1-1C	40	6	1.67	2.5" PST	E	
153	93+41.61	LT	30.21	NO PARKING ANY TIME	R7-1	12	18	1.50	2.5" PST	E	
154	93+56.46	RT	29.31	2 HR PARKING 8AM-5PM MON-FRI (RIGHT ARROW)	R7-108R	12	18	1.50	2.5" PST	W	
155	93+90.95	LT	30.22	NO PARKING ANY TIME	R7-1	12	18	1.50	2.5" PST	E	
156	94+71.00	RT	28.76	BICYCLES MAY USE FULL LANE	R4-11	30	30	6.25	2.5" PST	W	
157	95+07.48	RT	29.2	NO PARKING LOADING ZONE	R7P-106	12	18	1.50	2.5" PST	W	
158	95+15.41	LT	31.1	NO PARKING ANY TIME	R7-1	12	18	1.50	2.5" PST	W	
159	95+27.26	LT	31.32	BICYCLES MAY USE FULL LANE	R4-11	30	30	6.25	2.5" PST	E	
160	95+34.96	LT	38.43	1ST AVE	D3-1	8	18	1.00	2.5" PST	E/W	
161	95+34.96	LT	38.43	TONGASS AVE	D3-1	8	26	1.44		N/S	MOUNT BELOW SIGN NO. 160
162	95+34.96	LT	38.43	ONE WAY	R6-1L	36	36	9.00		E	MOUNT BELOW SIGN NO 161

DRAFT 2020



SIGN FACING NOTES: SIGN FACING IS RELATIVE TO THE DIAGRAM ABOVE. IT IS NOT RELATED TO CARDINAL DIRECTION.

PLANS IN HAND - NOT FOR CONSTRUCTION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

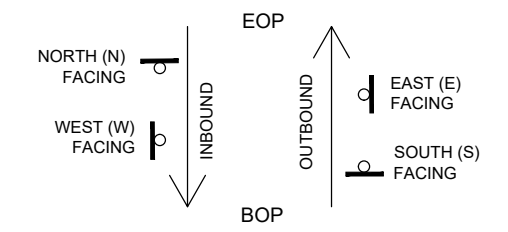
**KTN TONGASS AVENUE & WATER
STREET VIADUCT & TUNNEL**
#Z680910000

DESIGNED: WMC
 CHECKED: WMC
 DRAFTED: WMC
 XREFS
 SCALE
 LAYOUT H9
 DATE TIME 8/24/2020 13:40
 DRAWING LOCATION G:\ktn\68091\Planset\68091_H_SIGN-STRIPE.dwg

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	Z680910000	2020	H9	9

6.15.0001.0000 STANDARD SIGN										
NO.	STATION	OFFSET	DESCRIPTION	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SF)	POST	SIGN FACING*	REMARKS
163	95+34.96	LT 38.43	ONE WAY	R6-1R	36	36	9.00		W	MOUNT BACK TO BACK WITH SIGN NO. 162
164	95+87.32	LT 28.77	PEDESTRIAN (SYMBOL)	W11-2	36	36	9.00	2.5" PST	E	
165	95+87.32	LT 28.77	DOWNWARD DIAGONAL ARROW (PLAQUE)	W16-7PL	24	12	2.00		E	MOUNT BELOW SIGN NO. 164
166	95+94.54	RT 31.05	PEDESTRIAN (SYMBOL)	W11-2	36	36	9.00	2.5" PST	W	
167	95+94.54	RT 31.05	DOWNWARD DIAGONAL ARROW (PLAQUE)	W16-7PL	24	12	2.00		W	MOUNT BELOW SIGN NO. 166
168	96+04.80	RT 30.49	24 HOUR PARKING	R7-108	12	18	1.50	2.5" PST	W	
169	97+46.46	LT 29.67	24 HOUR PARKING	R7-108	12	18	1.50	2.5" PST	E	
170	98+10.21	RT 31.31	(AHEAD ARROW)(BIKE SYMBOL) DOWNTOWN 1	D1-1C	6	32	1.83	2.5" PST	W	
171	98+80.28	LT 30.01	NO PARKING ANY TIME	R7-1	12	18	1.50	2.5" PST	E	
172	98+93.89	RT 28.98	NO PARKING ANY TIME	R7-1	12	18	1.50	2.5" PST	W	
173	99+59.18	LT 30.08	NO PARKING ANY TIME	R7-1	12	18	1.50	2.5" PST	E	
174	100+63.60	LT 30.79	NO PARKING ANY TIME	R7-1	12	18	1.50	2.5" PST	E	
175	100+74.60	LT 30.89	BICYCLES MAY USE FULL LANE	R4-11	30	30	6.25	2.5" PST	E	

DRAFT OCT 2020



SIGN FACING DIAGRAM*
NTS

SIGN FACING NOTES: SIGN FACING IS RELATIVE TO THE DIAGRAM ABOVE. IT IS **NOT** RELATED TO CARDINAL DIRECTION.

PLANS IN HAND - NOT FOR CONSTRUCTION

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES

**KTN TONGASS AVENUE & WATER
 STREET VIADUCT & TUNNEL**

#Z680910000

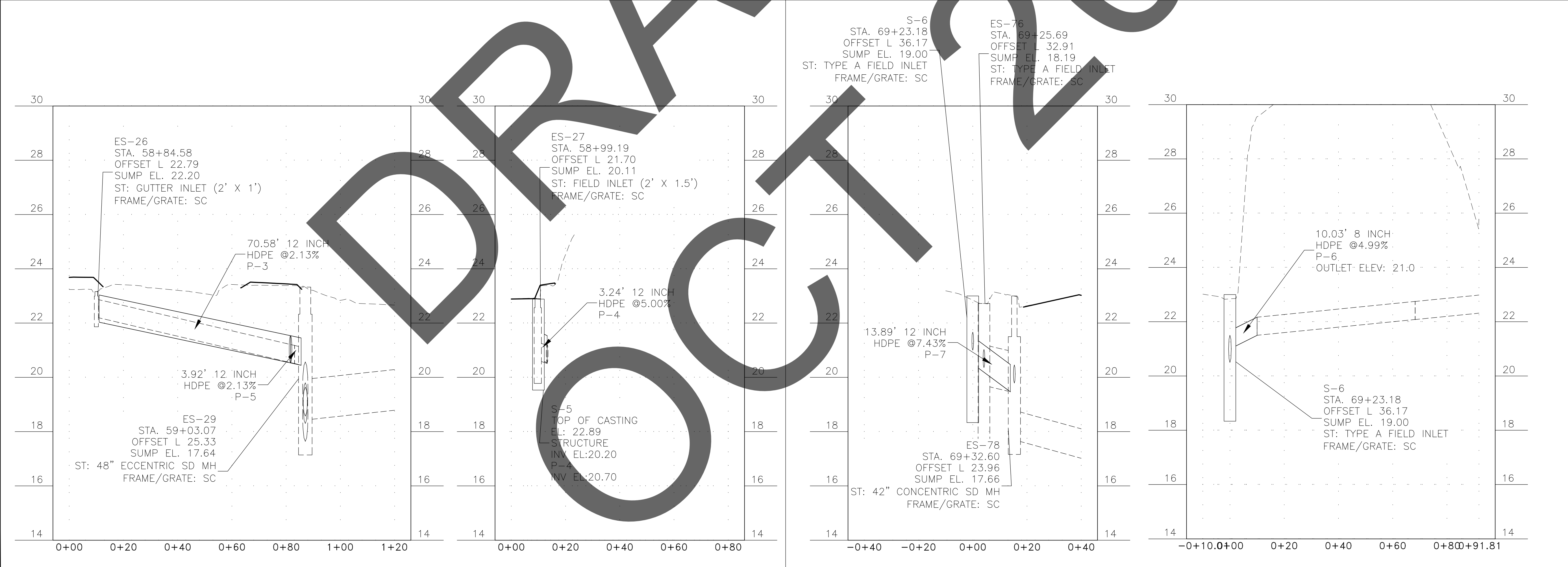
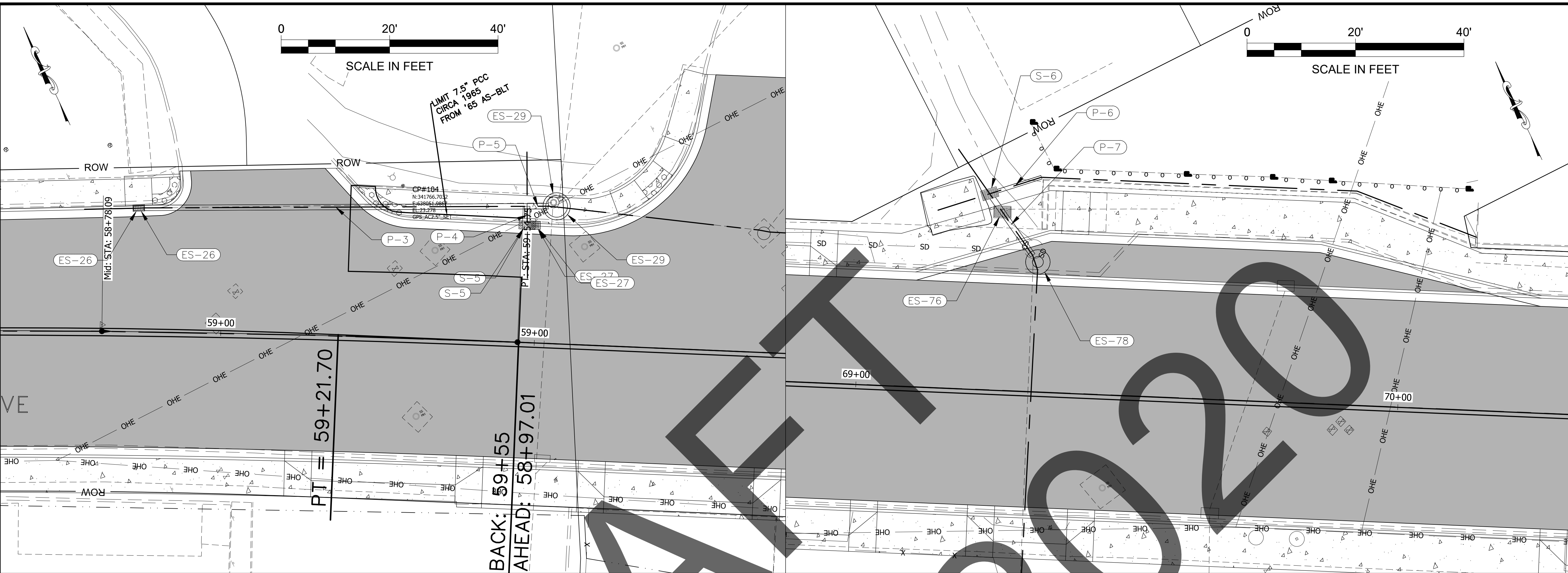
FILE C:\kth\68091\Planset\68091_M1_RETAINING_WALL.dwg DATE 9/28/2020 8:22 LAYOUT M1 DESIGNED STAFF CHECKED STAFF DRAFTED STAFF

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	2020	M1	1

DRAFT
OCT 2020

<p>TCP NOT SEALED IN ACCORDANCE WITH ALASKA HIGHWAY PRECONSTRUCTION MANUAL SECTION 1400.3.5 DATED JANUARY 30, 2012.</p>	<p>STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES KTN TONGASS AVE & WATER ST. VIADUCT & TUNNEL DESIGN RETAINING WALL PLAN & PROFILE</p>
---	--

FILE: Q:\ktn\68091\Planset\68091_P1_PIPE.dwg
 DATE: 9/28/2020 9:52
 LAYOUT: P3
 DESIGNED: M. WOODYBY
 CHECKED: C. TRIPP
 DRAFTED: M. WOODYBY



SHEET NO.	TOTAL SHEETS
P3	4
STATE	YEAR
ALASKA	2020
PROJECT DESIGNATION	
Z680910000	



NO.	DATE	REVISION

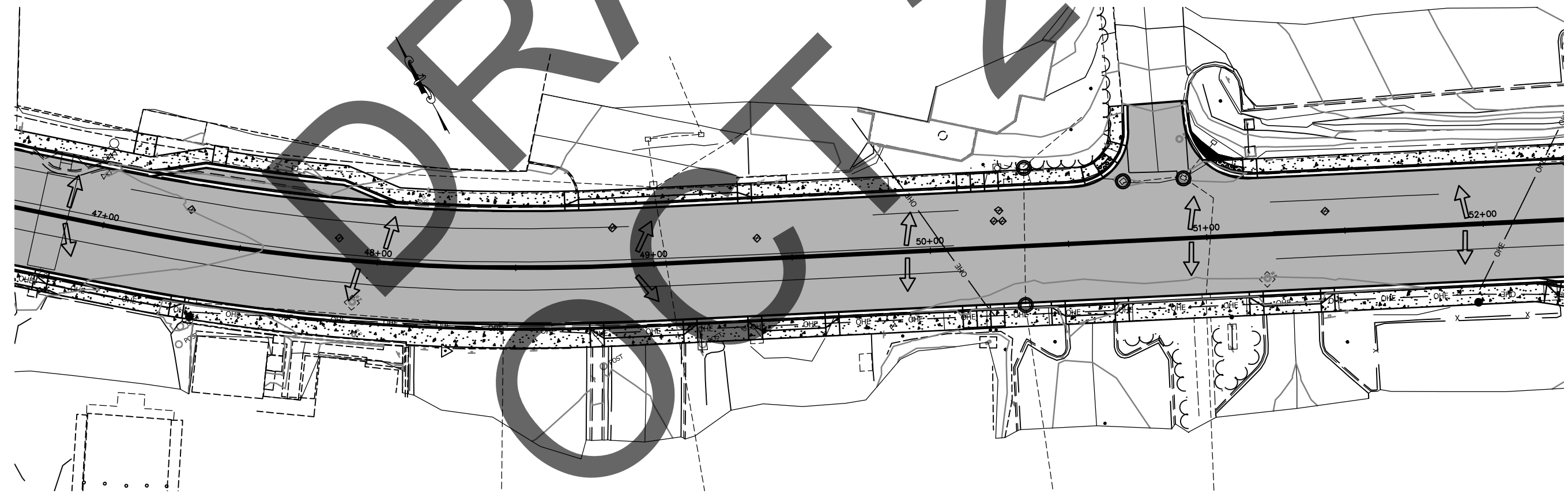
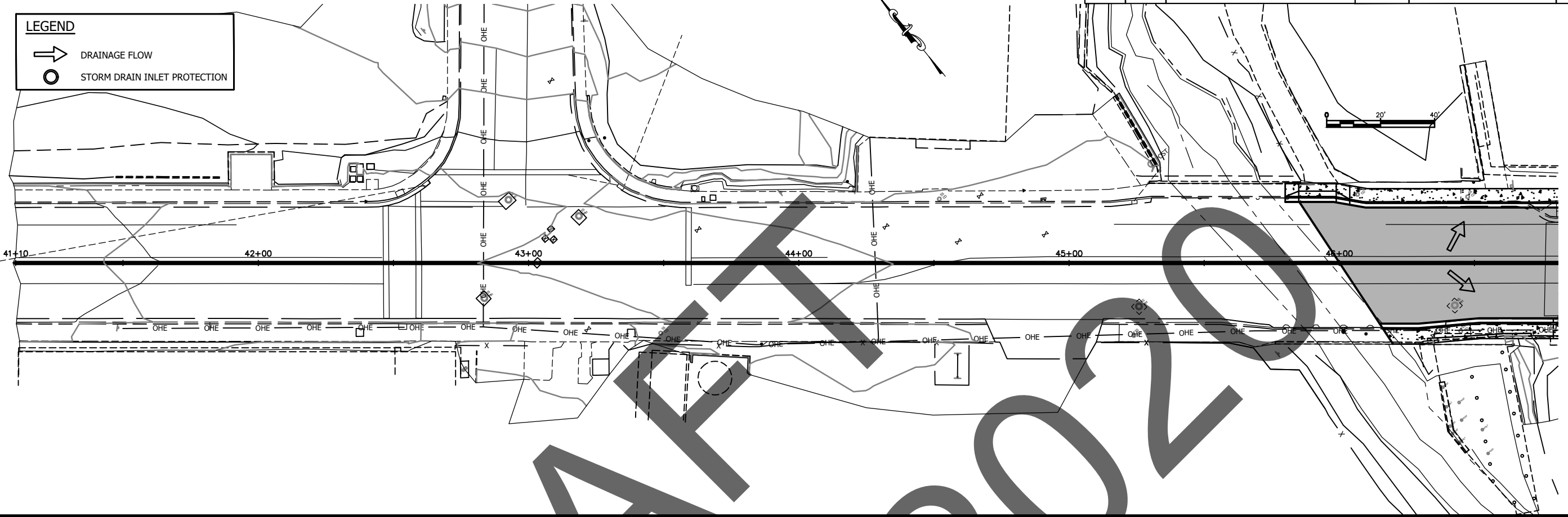
**PLANS IN HAND
 - NOT FOR
 CONSTRUCTION**

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 KTN TONGASS AVENUE
 IMPROVEMENTS
 PROJECT #Z680910000

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	2020	Q1	6

LEGEND

 DRAINAGE FLOW
 STORM DRAIN INLET PROTECTION



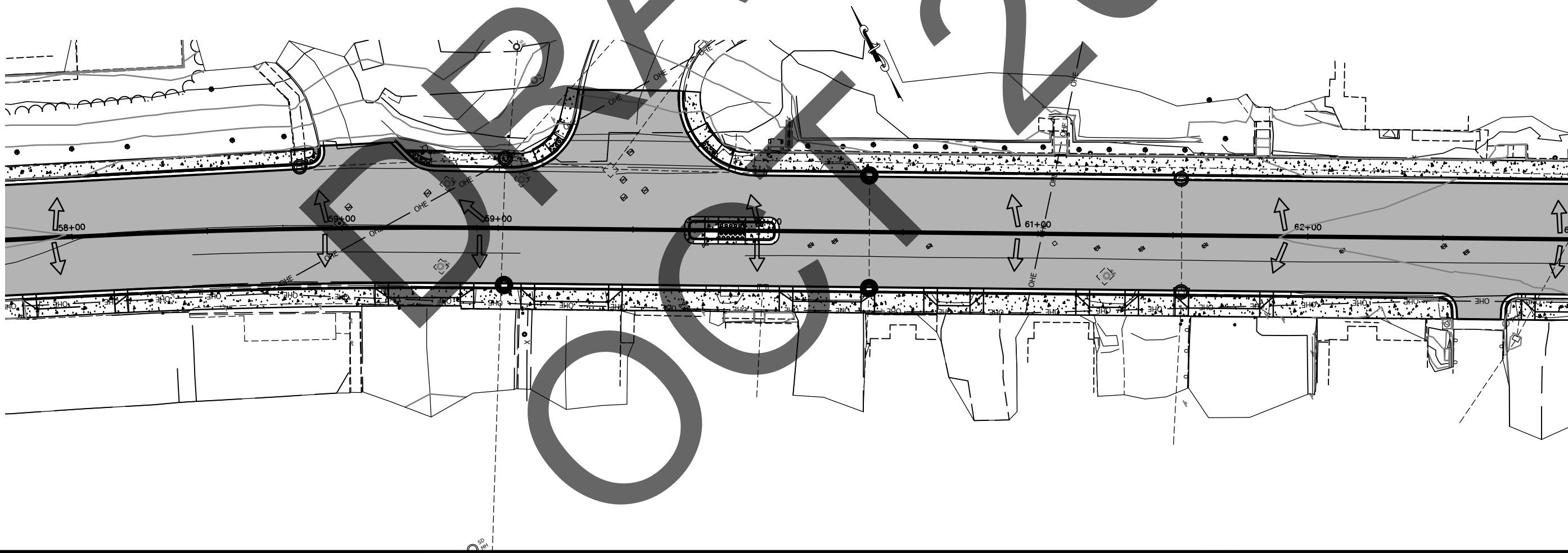
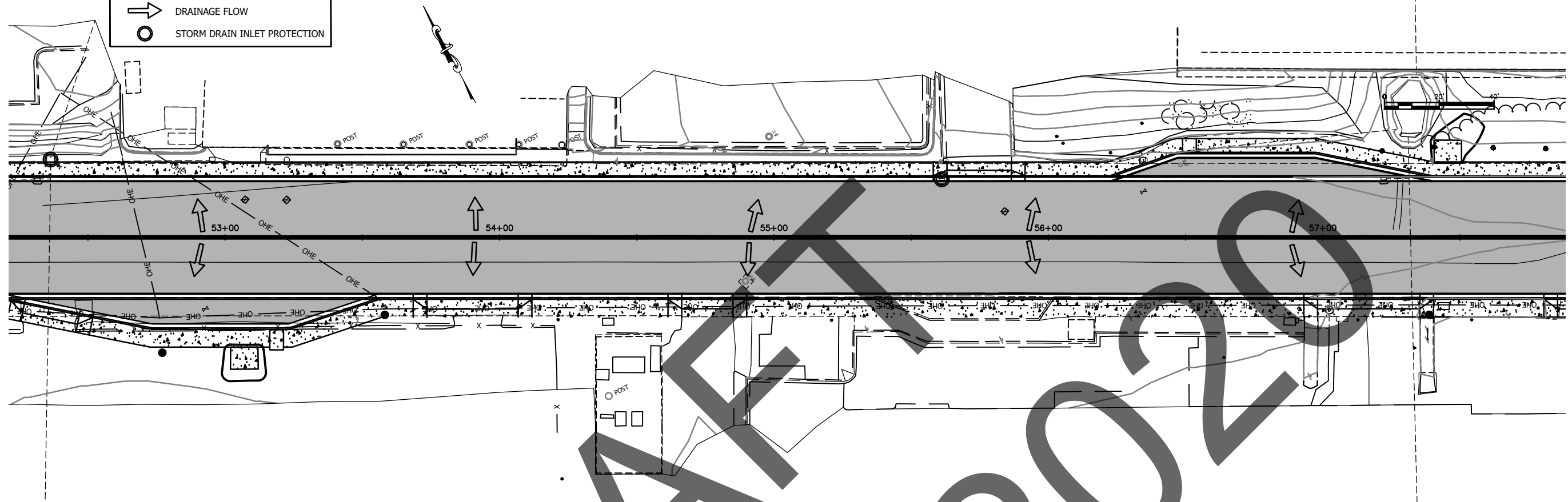
DRAFT 2020

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	2020	Q2	6

LEGEND

→ DRAINAGE FLOW

○ STORM DRAIN INLET PROTECTION



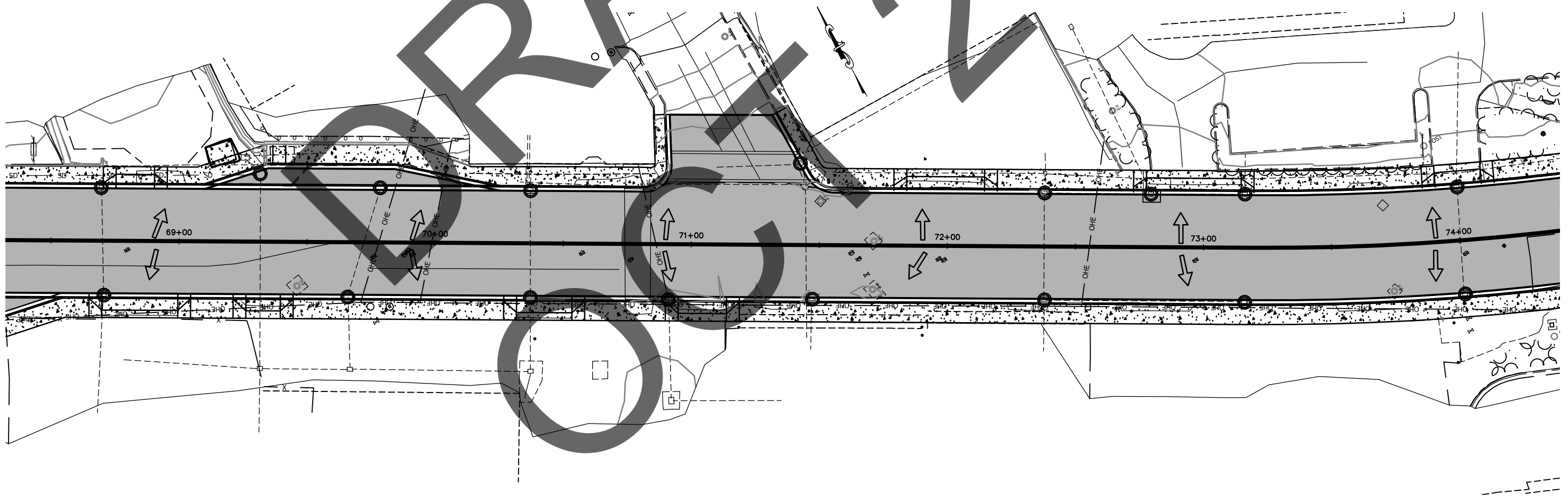
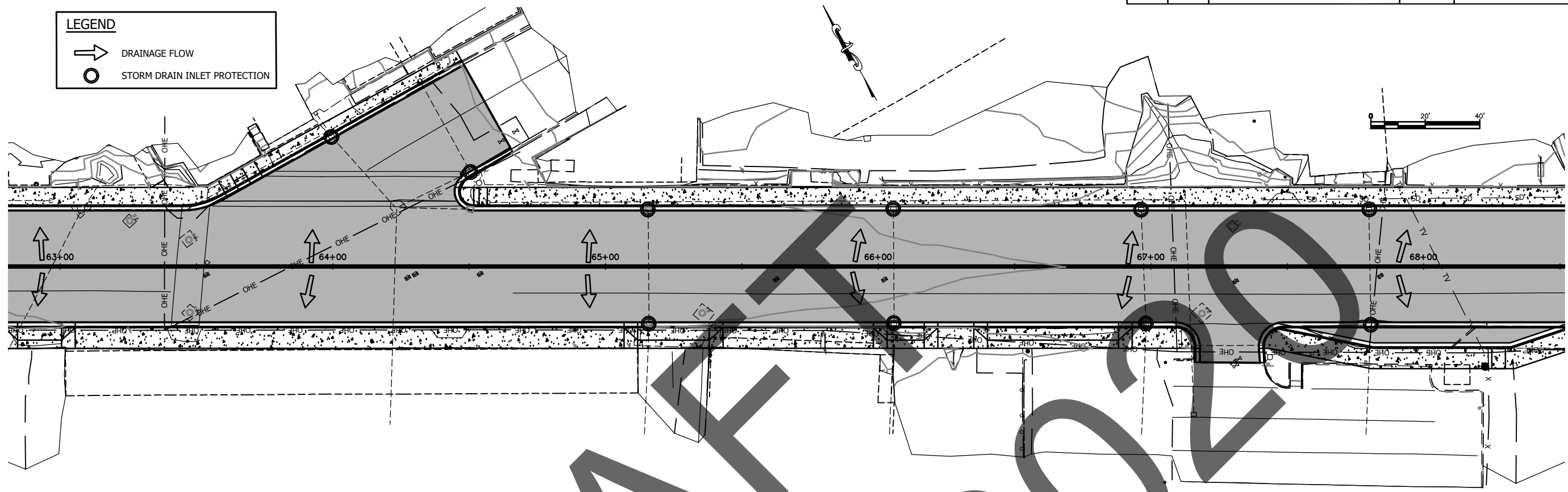
FIRM STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 FILE C:\kth\68091\PlanSet\68091_Q_ESCP.dwg
 DATE 9/23/2020 17:59 LAYOUT Q2
 ADDRESS 6860 GLACIER HWY, JUNEAU, AK 99811
 PHONE (907) 485-1763
 DESIGNED ##
 CHECKED ##
 DRAFTED ###

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	2020	Q3	6

LEGEND

→ DRAINAGE FLOW

○ STORM DRAIN INLET PROTECTION

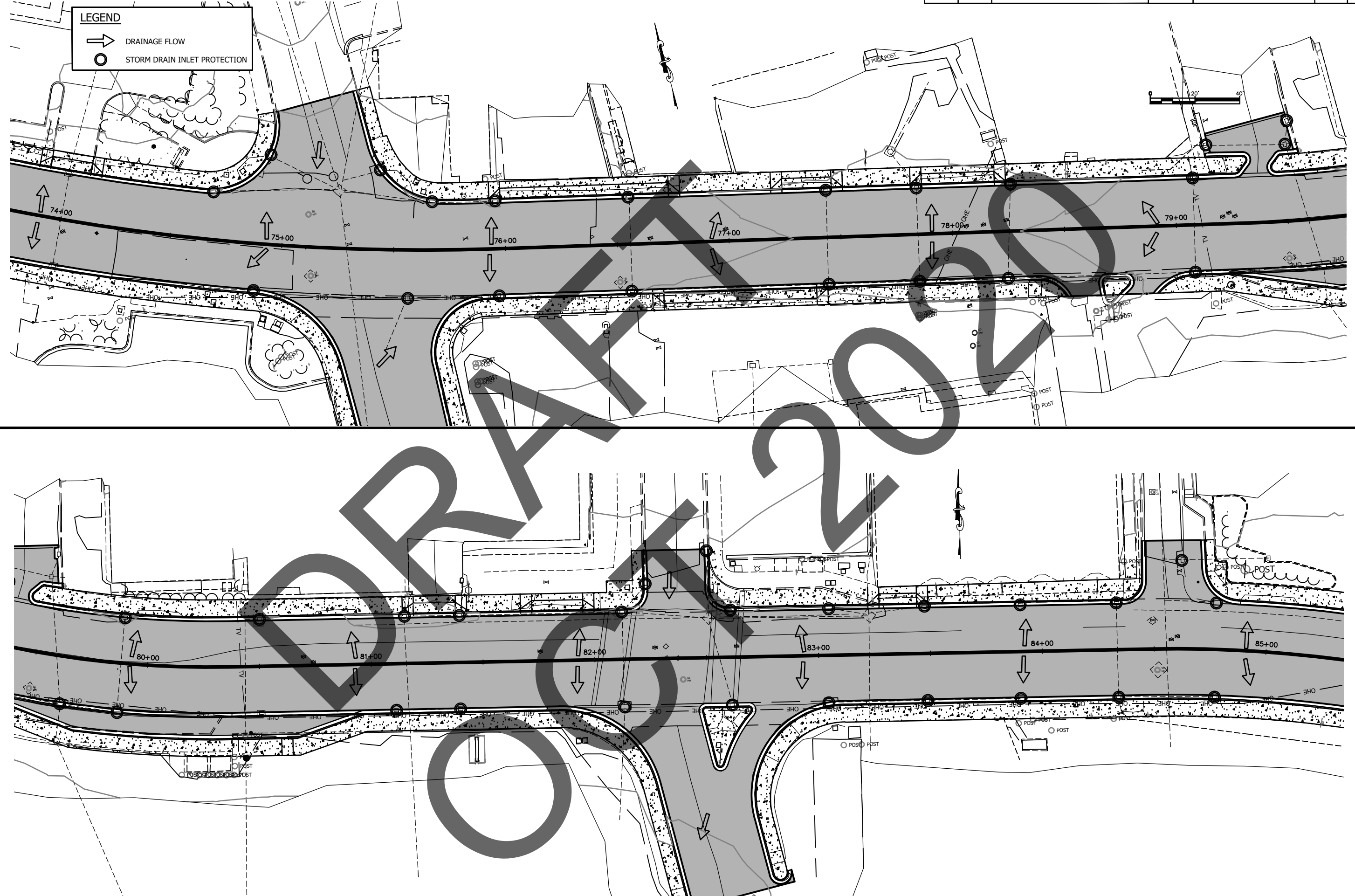


FIRM STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 FILE C:\kth\68091\PlanSet\68091_Q_ESCP.dwg
 DATE 9/23/2020 17:59 LAYOUT 03
 ADDRESS 6860 GLACIER HWY, JUNEAU, AK 99811
 PHONE (907) 485-1763
 DESIGNED ## CHECKED ##
 CERTIFICATE OF AUTH. # DRAFTED ###

DRAFT 2020

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	2020	Q4	6

FIRM STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 FILE C:\kth\68091\PlanSet\68091_Q_ESCP.dwg
 DATE 9/23/2020 17:59 LAYOUT 04
 ADDRESS 6860 GLACIER HWY, JUNEAU, AK 99811
 PHONE (907) 485-1763
 DESIGNED ## CHECKED ## DRAFTED ###
 CERTIFICATE OF AUTH. #

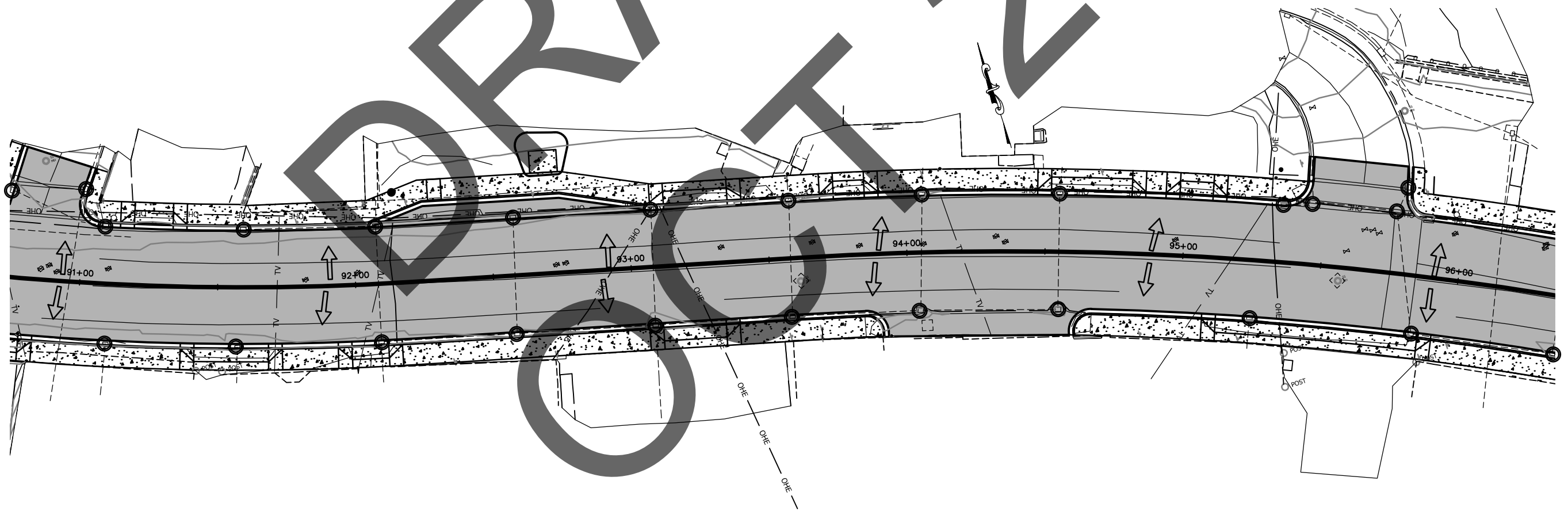
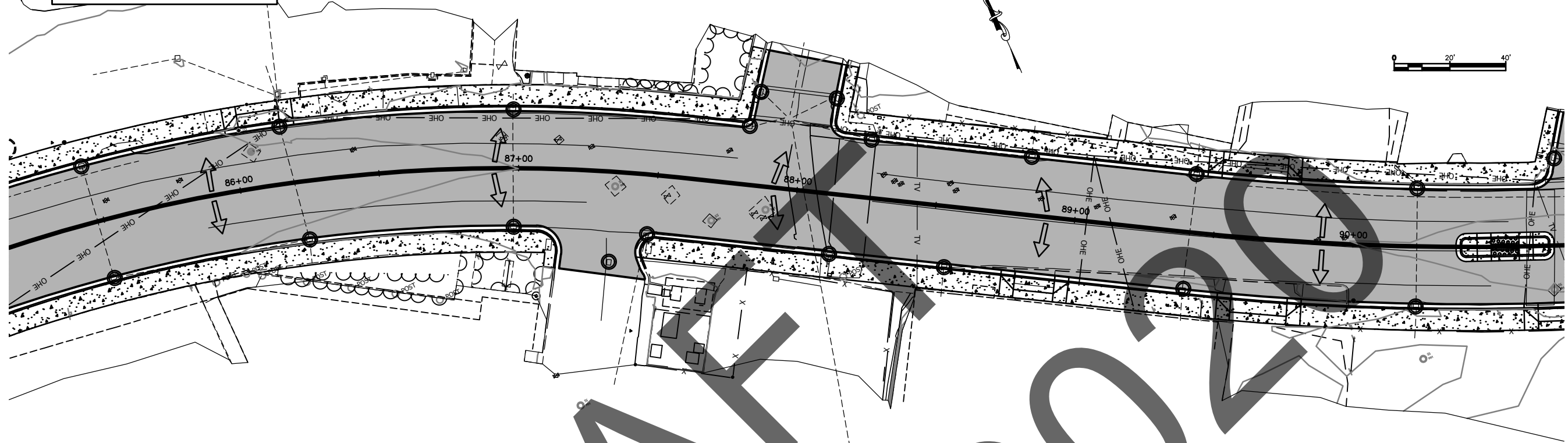


NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	2020	Q5	6

LEGEND

→ DRAINAGE FLOW

○ STORM DRAIN INLET PROTECTION





FIRM STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 FILE G:\kth\68091\PlanSet\68091_Q_ESCP.dwg
 DATE 9/23/2020 17:59 LAYOUT 05
 ADDRESS 6860 GLACIER HWY, JUNEAU, AK 99811
 PHONE (907) 485-1763 DESIGNED ## CHECKED ##
 CERTIFICATE OF AUTH. # DRAFTED ####

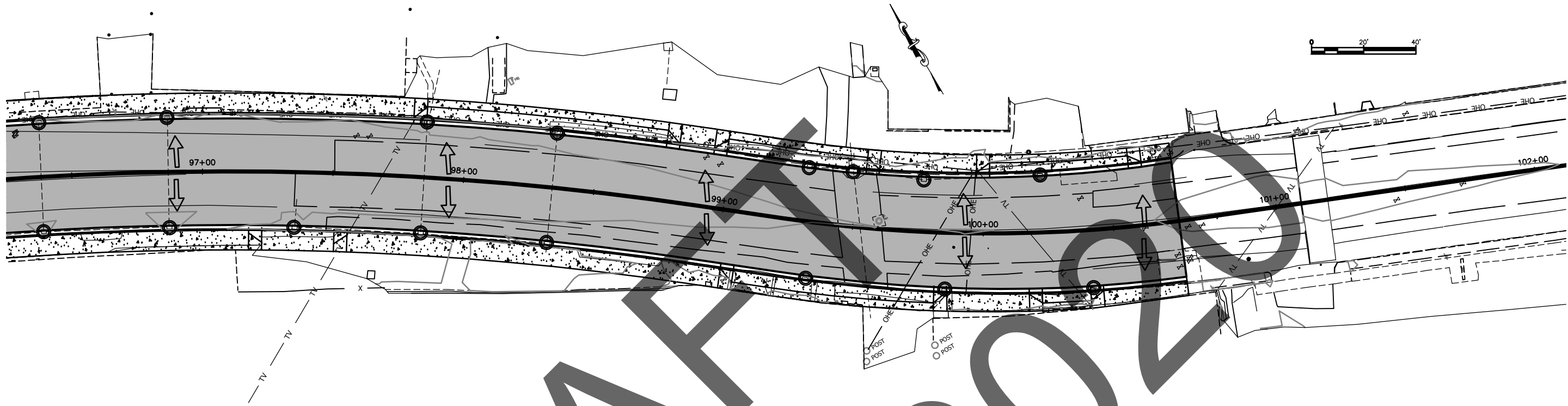
DRAFT 2020

FIRM STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 FILE C:\kth\68091\PlanSet\68091_Q_ESCP.dwg
 DATE 9/23/2020 17:59 LAYOUT 06
 ADDRESS 6860 GLACIER HWY, JUNEAU, AK 99811
 PHONE (907) 485-1763 DESIGNED # # # # #
 CHECKED # # # # #
 CERTIFICATE OF AUTH. # # # # #
 DRAFTED # # # # #

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	2020	Q6	6

LEGEND

 DRAINAGE FLOW
 STORM DRAIN INLET PROTECTION



DRAFT
 OCT 2020

FILE Q:\ktn\68091\Planset\68091_T1_T1_TRAF.dwg

DATE 8/4/2020 13:43

LAYOUT T1

DESIGNED

CHECKED

DRAFTED

STAFF

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0902042/Z680910000	2020	T1	1

DRAFT
OCT 2020

<p>TCP NOT SEALED IN ACCORDANCE WITH ALASKA HIGHWAY PRECONSTRUCTION MANUAL SECTION 1400.3.5 DATED JANUARY 30, 2012.</p>	<p>STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES</p> <p>KTN TONGASS AVE & WATER ST. VIADUCT & TUNNEL DESIGN</p> <p>TRAFFIC CONTROL</p>
---	---