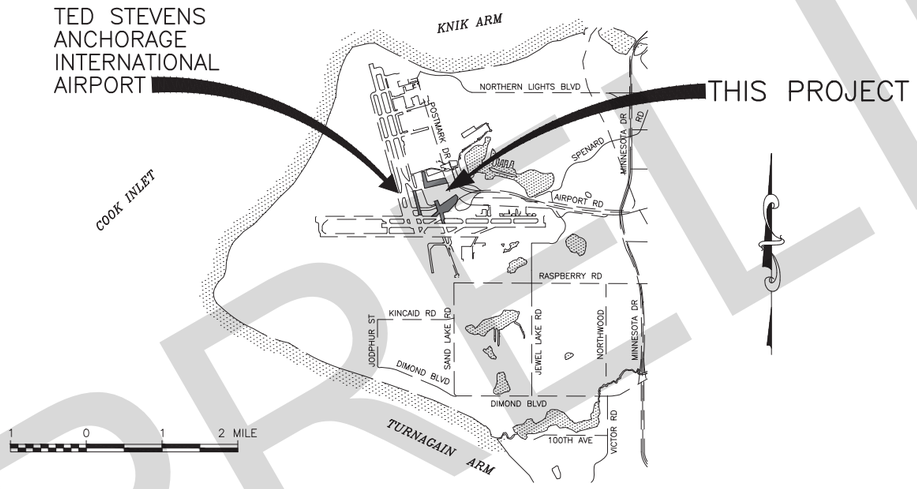
ALASKA CENTRAL REGION LOCATION MAP

NOT TO SCALE



VICINITY MAP

T 12 N, R 4 W SEC. 3, 4, 5, & 6
T 13 N, R 4 W, SEC. 20, 21, 27, 28, 29, 31, 32, 33, 34, & 35
SEWARD MERIDIAN
U.S.G.S. ANCHORAGE (A-8), ALASKA

CONSTRUCTION PLANS

TED STEVENS ANCHORAGE INTERNATIONAL AIRPORT

ANCHORAGE, ALASKA

ANC TAXILANES E1, E3, AND E/G INTERSECTION RECONSTRUCTION

PROJECT No. CFAPT00675
AIRPORT IMPROVEMENT PROGRAM
No. 3-02-0016-XXX-2021

PS&E REVIEW
SEPTEMBER 2021

APPROVED	**DATE**
LUKE BOWLAND, P.E.	**REGIONAL PRECONSTRUCTION ENGINEER**
APPROVED	**DATE**
JENELLE R. BRINKMAN, P.E.	**AVIATION DESIGN GROUP CHIEF**
APPROVED	**DATE**
MATTHEW HANSEN, P.E.	**PROJECT MANAGER**
CONCUR	**DATE**
JOEL G. ST. AUBIN, P.E.	**REGIONAL CONSTRUCTION ENGINEER**

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Drawn By: EH
Checked By: SB

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PLANS DEVELOPED BY:
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BY	DATE	REVISION

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ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
TITLE, SIGNATURES, LOCATION MAP & VICINITY MAP

DATE: SEPTEMBER 2021
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ALASKA STANDARD PLANS

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CONSTRUCTION SAFETY AND PHASING PLAN	AC1 – AC10

ABBREVIATIONS

AIP	AIRPORT IMPROVEMENT PROGRAM
ANC	ANCHORAGE INTERNATIONAL AIRPORT
AFM	AIRPORT FIELD MAINTENANCE
ATB	ASPHALT TREATED BASE
ATCT	AIR TRAFFIC CONTROL TOWER
BC	BARE COPPER
BMPS	BEST MANAGEMENT PRACTICES
BOP	BEGINNING OF PROJECT
℄/CL	CENTERLINE
C	CONDUIT
CABC	CRUSHED AGGREGATE BASE COURSE
CCR	CONSTANT CURRENT REGULATOR
CPM	CRITICAL PATH METHOD
CS	CONTINGENT SUM
DIA, ø	DIAMETER
DOT&PF	DEPARTMENT OF TRANSPORTATION
EA	EACH
EMH	ELECTRICAL MANHOLE
EOC	EDGE OF CONCRETE
EOL	END OF LOOP
EOP	END OF PROJECT / EDGE OF PAVEMENT
EOR	EDGE OF RAP
ESCP	EROSION AND SEDIMENT CONTROL PLAN
FAA	FEDERAL AVIATION ADMINISTRATION
FI	FIELD INLET
GRD	GROUND
HDPE	HIGH DENSITY POLYETHYLENE
HH	HANDHOLE
HMA	HOT MIX ASPHALT
INT	INTERSECTION
KVA	KILO VOLT–AMP
kW	KILO–WATT
LF	LINEAR FOOT
LT	LEFT
LTS	LIGHTS
LS	LUMP SUM
ME	MATCH EXISTING
MH	MANHOLE
MIN	MINIMUM
NEC	NATIONAL ELECTRICAL CODE
NT	NORTH TERMINAL
NTS	NOT TO SCALE
PCC	PORTLAND CEMENT CONCRETE
PI	POINT OF INTERSECTION
PM	PAVEMENT MARKING
PS&E	PLANS, SPECIFICATIONS, AND ESTIMATE
PU	PER UNIT
R	RADIUS
RAP	RECYCLED ASPHALT PAVEMENT
RMC	RIGID METALLIC CONDUIT (GALVANIZED STEEL)
RON	REMAIN OVER NIGHT
RT	RIGHT
RD	ROAD
REHAB	REHABILITATION
REQ'D	REQUIRED
RW	RUNWAY
SF	SQUARE FEET
SY	SQUARE YARD
SWPPP	STORM WATER POLLUTION PREVENTION PLAN
STA	STATION
TDZ	TOUCHDOWN ZONE
THD	THRESHOLD
TL	TAXILANE
TOFA	TAXIWAY OBJECT FREE AREA
TP	TEST POINT
TSA	TAXIWAY SAFETY AREA
TW	TAXIWAY
TYP	TYPICAL
T–1(2)	TAXIWAY CIRCUIT NUMBER, LETTERS IN PARENTHESIS INDICATES CONDUCTORS INCLUDED (P=POWER FEED, R=RETURN, L=LOOP), NO PARENTHESIS INDICATES ONE POWER FEED CONDUCTOR ONLY
UON	UNLESS OTHERWISE NOTED
W	WATTS

TAXIWAY DESIGNATOR

LIGHT NAMING CONVENTION:

- TCX TAXIWAY CENTERLINE LIGHT
- TEX TAXIWAY EDGE LIGHT
- AX ADJUST LIGHT
- DCX DEMOLITION CENTERLINE LIGHT
- DEX DEMOLITION EDGE LIGHT

LIGHT COLORS AND DISTRIBUTIONS:

B	BLUE
Y	YELLOW
G	GREEN
R	RED
W	WHITE
BL	BLANK
BI	BI–DIRECTIONAL
UNI	UNI–DIRECTIONAL
OMNI	OMNI–DIRECTIONAL

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PROJECT No. CFAPT00675
AIP No. 3–02–0016–XXX–2021
INDEX, APPENDIX & ABBREVIATIONS

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LEGEND

DESCRIPTION	EXISTING	PROPOSED
AOA FENCE (WIRE STRAND)	xx xx xx	
AIRPORT PROPERTY BOUNDARY		
BOLLARD / REMOVABLE BOLLARD		
BUILDING		
CENTERLINE (RUNWAY/TAXIWAY)		
COMMUNICATION LINE (UNDERGROUND)	UCOM	
CONCRETE		
COMMUNICATION MANHOLE	C	
COMMUNICATION PEDESTAL		
CONTOURS	100	
CULVERT WITH END SECTIONS		
CURB AND GUTTER		
DETAIL CALLOUT		1 / XXX
DITCH/SWALE		
DRY WELL	DW	
ELECTRICAL HANDHOLE	H	
ELECTRICAL LINE (UNDERGROUND)	UGE	
ELECTRICAL MANHOLE		
ELECTRICAL PEDESTAL		
FENCE (CHAIN POST)	x x	
FIBER OPTIC PEDESTAL		
FLUSH CENTERLINE LIGHT, BI-DIRECTIONAL		
FLUSH CENTERLINE LIGHT, SCHEDULED FOR DEMOLITION		
FLUSH LIGHT BASE CAN W/STEEL COVER		
FLUSH LIGHT BASE CAN W/STEEL COVER, SCHEDULED FOR DEMOLITION		
FLUSH CENTERLINE LIGHT, UNI-DIRECTIONAL		
FLUSH CENTERLINE LIGHT, UNI-DIRECTIONAL SCHEDULED FOR DEMOLITION		
FIRE HYDRANT		
FIBER OPTIC	UFO	
FUEL LINE (UNDERGROUND)	F F	
FUEL VALVE		
FUEL VENT		
FUEL TANK/VAULT		
FUEL HYDRANT		
FUEL MANHOLE	F	
FUEL PEDESTAL	F	
FUEL EMERGENCY SHUT OFF	EMS	

DESCRIPTION	EXISTING	PROPOSED
GAS LINE	GAS GAS	
GAS MARKER	UG	
GAS PUMP	GP	
GRADING POINT NUMBER		100
GRAVEL EDGE/EDGE OF RAP		
GROUND ROD, 3/4"x10' TYPICAL		
GUARDRAIL		
HANDHOLE		
HAUL ROUTE		
JERSEY BARRIER		
IDENTIFICATION BUBBLE		ID
JUNCTION BOX TYPE 1		
LIGHT POLE		
LIGHTED SIGN		
LIGHTED SIGN, SCHEDULED FOR DEMOLITION		
MONITORING WELL	MW	
OBJECT FREE AREA	OFA	
PAINT STRIPE		
PAVEMENT		
PAVEMENT/SHOULDER (EDGE)		
PIPE NUMBER		CP10
ROADWAYS (EDGE, GRAVEL)		
SANITARY SEWER LINE (UNDERGROUND)	SS SS	
SERIES LIGHTING CIRCUIT, TICK MARKS INDICATE NUMBER OF 5KV SERIES CONDUCTORS (1 SHOWN) IN DIRECT BURY CONDUIT. INCLUDE GROUND CONDUCTOR (NOT SHOWN). TICK MARKS NOT SHOWN ON SHORT SEGMENTS OR IN CONGESTED AREAS FOR CLARITY.		
SERIES LIGHTING CIRCUIT, TICK MARKS INDICATE NUMBER OF 5KV SERIES CONDUCTORS (2 SHOWN) IN HDPE CONCRETE ENCASED CONDUIT. INCLUDE GROUND CONDUCTOR (NOT SHOWN). TICK MARKS NOT SHOWN ON SHORT SEGMENTS OR IN CONGESTED AREAS FOR CLARITY.		

DESCRIPTION	EXISTING	PROPOSED
SEWER SEPTIC MANHOLE	S	
SIGN POST/MARKER		
SLOPE WITH GRADE		
STORM DRAIN LINE (UNDERGROUND)	SD SD	SD SD
STORM DRAIN CATCH BASIN	CB	
STORM DRAIN CLEANOUT	CO	
STORM DRAIN MANHOLE	MH	
STORM DRAIN TOP INTAKE	FI	
TAXIWAY EDGE LIGHT		
TAXIWAY EDGE LIGHT, SCHEDULED FOR DEMO		
TAXIWAY OBJECT FREE AREA	TOFA	
TAXIWAY SAFETY AREA	TSA	
TELEPHONE MANHOLE	T	
TELEPHONE (UNDERGROUND)	T	
TELEPHONE PEDESTAL		
TELEPHONE MANHOLE	T	
TEMPORARY JUMPER CABLE		
UTILITY POLE		
WATER LINE (UNDERGROUND)	W	
WATER VALVE		
WIND CONE		

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PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
LEGEND

DATE: SEPTEMBER 2021

SHEET: 3 OF 74

ESTIMATED QUANTITIES

No.	ITEM	UNIT	CFAPT00675	CFAPT00675 NON-AIP	TOTAL
D703.010.0012	CIPP LINER, 12–INCH	LF	68	–	68
D703.010.0018	CIPP LINER, 18–INCH	LF	332	–	332
D703.010.0024	CIPP LINER, 24–INCH	LF	871	–	871
D703.010.0036	CIPP LINER, 36–INCH	LF	350	–	350
D703.010.0048	CIPP LINER, 48–INCH	LF	1,626	–	1,626
D703.050.0000	REINSTATE PIPE CONNECTION	EACH	2	–	2
D751.100.0000	ADJUST MANHOLE	EACH	15	–	15
D751.150.0000	REPAIR MANHOLE	EACH	3	–	3
G100.010.0000	MOBILIZATION AND DEMOBILIZATION	LS	ALL REQ'D	–	ALL REQ'D
G135.010.0000	CONSTRUCTION SURVEYING BY THE CONTRACTOR	LS	ALL REQ'D	–	ALL REQ'D
G135.020.0000	EXTRA THREE PERSON SURVEY PARTY	HOUR	40	–	40
G135.050.0000	CONTRACTOR FURNISHED ENGINEERING TOOLS	CS	ALL REQ'D	–	ALL REQ'D
G135.060.0000	CONTRACTOR FURNISHED COMPUTATIONS	LS	ALL REQ'D	–	ALL REQ'D
G150.020.0075	EQUIPMENT RENTAL, DOZER 75–HP MINIMUM	CS	ALL REQ'D	–	ALL REQ'D
G150.030.0000	EQUIPMENT RENTAL, VAC–TRUCK	CS	ALL REQ'D	–	ALL REQ'D
G200.010.0000	CONTRACTOR QUALITY CONTROL PROGRAM	LS	ALL REQ'D	–	ALL REQ'D
G300.010.0000	CPM SCHEDULING	LS	ALL REQ'D	–	ALL REQ'D
G301.010.0000	PULL PLANNING	LS	ALL REQ'D	–	ALL REQ'D
G700.010.0000	AIRPORT FLAGGER	CS	ALL REQ'D	ALL REQ'D	ALL REQ'D
G700.020.0000	AIRPORT PILOT CAR	HOUR	1,896	96	1,992
G705.010.0000	WATERING FOR DUST CONTROL	M–GAL	2,480	160	2,640
L108.010.2008	UNDERGROUND CABLE #8 AWG, COPPER, 5KV FAA TYPE C, L–824	LF	15,900	–	15,900
L108.030.0006	#6 BARE COPPER GROUND CONDUCTOR	LF	4,500	–	4,500
L108.070.0000	GROUND ROD	EACH	12	–	12
L108.080.0014	UNDERGROUND CABLE #14 AWG, 2–CONDUCTOR, COPPER, 600V, TYPE C "SOOW–A/SOOW"	LF	400	–	400
L108.180.0000	TEMPORARY JUMPER	LF	1,500	–	1,500
L110.080.1002	HDPE CONDUIT, 2–INCH	LF	1,115	–	1,115
L110.115.1002	PE CONDUIT, 2–INCH, CONCRETE ENCASED	LF	3,628	–	3,628
L125.040.0000	TAXIWAY EDGE LIGHT, L–861T	EACH	17	–	17
L125.070.0000	REMOVE RUNWAY AND TAXIWAY LIGHT	EACH	159	–	159
L125.095.0000	FLUSH TAXIWAY LIGHT, L–852C, L–852D, L–852F, L–852G, L–852K, OR L–852T	EACH	95	–	95
L125.130.0000	AIRPORT SIGN, L–858	EACH	3	–	3
L125.170.0000	SPARE PARTS	CS	ALL REQ'D	ALL REQ'D	ALL REQ'D
L125.210.0000	ADJUST RUNWAY AND TAXIWAY LIGHT	EACH	13	15	28
L125.500.0000	MISCELLANEOUS AIRPORT ELECTRICAL WORK	CS	ALL REQ'D	ALL REQ'D	ALL REQ'D
L125.600.0040	REFURBISH FLUSH TAXIWAY LIGHT, L–852C, L–852D, L–852F, L–852G, L–852K, OR L–852T	EACH	6	–	6
P152.010.0000	UNCLASSIFIED EXCAVATION	CY	21,830	–	21,830
P153.050.0000	CONTROLLED LOW–STRENGTH MATERIAL	LS	ALL REQ'D	ALL REQ'D	ALL REQ'D
P154.020.0000	SUBBASE COURSE	TON	19,710	–	19,710
P160.010.0000	EXCAVATION OF PAVEMENT, AC	SY	32,104	–	32,104
P161.020.0000	RECYCLED ASPHALT PAVEMENT	CY	1,090	–	1,090
P162.010.0000	PAVEMENT COLD PLANING	SY	79,310	6,667	85,977
P170.020.0000	SOIL TESTING PROGRAM	CS	–	ALL REQ'D	ALL REQ'D
P170.040.0000	SUPPLEMENTAL LABORATORY TEST	CS	–	ALL REQ'D	ALL REQ'D
P170.080.0000	"HOT" MATERIAL OFFSITE TRANSPORTATION AND DISPOSAL	CS	–	ALL REQ'D	ALL REQ'D
P171.010.0000	TEMPORARY CONTAMINATED SOIL STOCKPILE	CS	–	ALL REQ'D	ALL REQ'D
P190.010.0000	INSULATION BOARD	SF	50,272	–	50,272
P209.020.0000	CRUSHED AGGREGATE BASE COURSE	TON	8,660	–	8,660
P401.010.0030	HOT MIX ASPHALT TYPE II, CLASS A	TON	10,888	–	10,888
P401.010.0065	HOT MIX ASPHALT TYPE V, CLASS S	TON	25,946	2,265	28,211
P401.040.5834	ASPHALT BINDER, PG 58–34E	TON	1,950	120	2,070
P401.070.0000	JOINT ADHESIVE	LF	328	–	328
P401.090.0000	ASPHALT MATERIAL PRICE ADJUSMENT	CS	–	ALL REQ'D	ALL REQ'D
P401.130.0000	HMA COMBINED PRICE ADJUSTMENT	CS	ALL REQ'D	ALL REQ'D	ALL REQ'D
P411.010.0000	INTELLIGENT COMPACTION FOR ASPHALT MIX PAVEMENTS	LS	ALL REQ'D	–	ALL REQ'D
P501.010.0000	PORTLAND CEMENT CONCRETE PAVEMENT	CY	3,125	–	3,125
P603.010.0010	TACK COAT, STE–1	TON	43	2	45
P605.010.0000	JOINT SEALING FILLER	LF	8,419	–	8,419
P620.010.0000	RUNWAY AND TAXIWAY PAINTING	SF	24,118	632	24,750
P620.050.0000	PAINTED MARKING REMOVAL	SF	2,550	–	2,550
P620.075.0000	TEMPORARY RUNWAY & TAXIWAY PAINTING	SF	2,290	–	2,290
P641.010.0000	EROSION, SEDIMENT, AND POLLUTION CONTROL ADMINISTRATION	LS	ALL REQ'D	–	ALL REQ'D
P641.020.0000	TEMPORARY EROSION, SEDIMENT, AND POLLUTION CONTROL	CS	ALL REQ'D	–	ALL REQ'D
P641.060.0000	WITHHOLDING	CS	ALL REQ'D	–	ALL REQ'D
P641.070.0000	SWPPP MANAGER	LS	ALL REQ'D	–	ALL REQ'D
P670.010.0000	HAZARD MARKER BARRIER, PLASTIC	EACH	390	–	390
P671.040.0000	TAXIWAY CLOSURE MARKER, VINYL	EACH	–	1	1
T901.020.0000	SEEDING	LBS	600	–	600
T905.010.0020	TOPSOILING, CLASS B	SY	6,670	–	6,670
U100.050.0000	ADJUST VALVE BOX	EACH	1	–	1

ESTIMATING FACTORS

No.	ITEM	FACTOR
P154.020.0000	SUBBASE COURSE	144 LB/CF
P209.020.0000	CRUSHED AGGREGATE BASE COURSE	144 LB/CF
P401.010.0030	HOT MIX ASPHALT TYPE II, CLASS A	151 LB/CF
P401.010.0065	HOT MIX ASPHALT TYPE V, CLASS S	151 LB/CF
P401.040.5834	ASPHALT BINDER, PG 58–34E	5.3% OF P401.010.00XX
P603.010.0010	TACK COAT, STE–1	0.668 LB/SY
T901.020.0000	SEEDING	5 LB/1000 SF

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STORM DRAIN PIPE SUMMARY

SHEET	PIPE ID	SIZE (INCH)	PIEP TYPE	LENGTH (FT)	D703.010. 0012	D703.010. 0018	D703.010. 0024	D703.010. 0036	D703.010. 0048	INLET STRUCTURE	OUTLET STRUCTURE	INLET ELEVATION (FT)	OUTLET ELEVATION (FT)	SLOPE %
35	CP3	18	CN	266.7		266.7				ES16	ES6	85.77	83.90	0.70%
	CP6	24	CPEP	170.2			170.2			ES40	ES8	78.47	77.79	0.40%
	CP7	24	CPEP	118.5			118.5			ES39	ES40	79.18	78.54	0.54%
36	CP10	24	CMP	114.7			114.7			ES48	ES10	79.04	78.69	0.31%
	CP11	24	CMP	167.3			167.3			ES47	ES48	80.09	79.36	0.44%
	AB1	8	CPEP	40.0						EP37AB	ES37A	85.90	85.66	0.60%
37	CP4	36	CPEP	350.4				350.4		ES8B	ES8A	79.61	79.11	0.14%
	CP5	48	CPEP	512.4					512.4	ES8A	ES11B	79.06	78.80	0.05%
38	CP14	48	CMP	67.2					67.2	ES12	ES13	75.70	75.51	0.28%
	CP19	48	CMP	106.9					106.9	ES9	ES10	77.45	77.28	0.16%
	CP16	48	CMP	410.9					410.9	ES10	ES11	77.18	76.63	0.13%
	CP17	48	CMP	528.9					528.9	ES11	ES12	76.48	75.80	0.13%
39	CP12	24	CMP	128.1			128.1			ES57	ES11A	77.06	76.61	0.35%
	CP13	24	CMP	171.7			171.7			ES11A	ES11	76.69	76.58	0.06%
	CP18	12	CMP	67.8	67.8					ES59	CP17	85.78	80.36	8.00%
	CP15	18	CPEP	65.4		65.4				ES73	EN278	79.77	78.54	1.88%
				SUBTOTAL	67.8	332.1	870.5	350.4	1,626.3					
				ROUND	**68**	**332**	**871**	**350**	**1,626**					

STORM DRAIN STRUCTURE SUMMARY

SHEET	STRUCTURE ID	TAXILANE ALIGNMENT			PIPE ALIGNMENT		REMARKS
		ALIGNMENT NAME	STATION	OFFSET (FT)	STATION	OFFSET (FT)	
35	ES6	TL E1	212+31.4	125.7 LT	10+50.00	CL	EXISTING FIELD INLET
	ES16	TL E1	214+27.6	47.0 RT	13+16.66	CL	EXISTING CATCHBASIN
	ES8	TL E3	252+28.0	238.2 RT	20+50.00	CL	EXISTING CATCHBASIN
	ES40	TL E3	253+98.2	238.1 RT	22+20.22	CL	EXISTING CATCHBASIN
	ES39	TL E3	255+16.7	237.5 RT	23+38.69	CL	EXISTING CATCHBASIN
36	ES10	TL E3	252+29.8	36.0 LT	30+50.00	CL	EXISTING FIELD INLET
	ES47	TL E3	254+86.6	152.1 LT	33+31.97	CL	EXISTING FIELD INLET
	ES48	TL E3	253+36.1	79.1 LT	31+64.72	CL	EXISTING FIELD INLET
	ES37A	TL E3	261+70.3	77.5 RT	40+50.00	CL	EXISTING MANHOLE
	EP37AB	TL E3	262+17.7	21.9 RT	41+23.12	CL	UNKOWN STRUCTURE
37	ES8A	TL E	141+81.6	113.0 RT	54+00.35	CL	EXISTING CATCHBASIN
	ES8B	TL E	138+31.3	113.8 RT	50+50.00	CL	EXISTING CATCHBASIN
	ES11B	TL E	146+87.9	67.5 RT	59+12.72	CL	EXISTING CATCHBASIN
38	ES9	TL E	143+41.7	199.8 RT	60+50.00	CL	EXISTING FIELD INLET
	ES10	TL E	144+44.5	200.2 RT	61+52.88	CL	EXISTING FIELD INLET
	ES11	TL E	147+52.2	239.1 RT	65+59.80	CL	EXISTING FIELD INLET
	ES12	TL E	153+99.5	303.9 RT	70+84.66	CL	EXISTING FIELD INLET
	ES13	TL E	154+66.7	301.3 RT	71+51.86	CL	EXISTING CATCHBASIN
39	ES57	TL E	148+85.1	18.7 LT	80+50.00	CL	EXISTING FIELD INLET
	ES11	TL E	147+52.2	239.1 RT	83+49.78	CL	EXISTING FIELD INLET
	ES11A	TL E	148+19.1	93.8 RT	81+78.08	CL	EXISTING MANHOLE
	ES59	TL E	150+99.8	371.3 RT	91+17.39	CL	EXISTING CATCHBASIN
	ES73	TL E	157+34.7	182.4 RT	95+50.00	CL	EXISTING CATCHBASIN
	EN278	TL E	157+90.3	216.9 RT	96+15.38	CL	EXISTING END SECTION

D751.150.0000

REPAIR MANHOLE

SHEET	DEMO WORK ITEM ID	STRUCTURE ID	ALIGNMENT	STATION	OFFSET (FT)	EXISTING TOP OF CASTING ELEVATION (FT)	PROPOSED TOP OF CASTING ELEVATION (FT)	CASTING TYPE	REMARKS
10	6	ES8	TL E	141+70.37	198.5 RT	86.61	86.61	SD CATCH BASIN	32" COVER, 7" FRAME, (1) 5" GRADE RING, SEE NOTE 1
	6	ES8A	TL E	141+81.63	113.0 RT	86.57	86.57	SD CATCH BASIN	32" COVER, 7" FRAME, (2) 5" GRADE RING, SEE NOTE 1
11	6	ES57	TL E	148+85.05	18.7 LT	89.66	89.66	SD FIELD INLET	24.5" X 34.5" COVER, 6" FRAME, (1) 3" GRADE RING, SEE NOTE 1

NOTE:

1. CONTRACTOR MUST AS-BUILT EXISTING MANHOLE COMPONENTS AND GET APPROVAL FROM THE ENGINEER PRIOR TO ORDERING MATERIALS.

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Drawn By: MH
Checked By: SB

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File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Summary Tables.dwg

PLANS DEVELOPED BY:
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
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TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
SUMMARY TABLES

DATE: SEPTEMBER 2021

D751.100.0000

ADJUST MANHOLE

SHEET	DEMO WORK ITEM ID	STRUCTURE ID	ALIGNMENT	STATION	OFFSET (FT)	EXISTING TOP OF CASTING ELEVATION (FT)	PROPOSED TOP OF CASTING ELEVATION (FT)	CASTING TYPE	REMARKS
8	1		TL E	129+99.32	98.1 LT	93.24	93.25	SD CATCH BASIN	REMOVE AND REPLACE FRAME & COVER
9	1		TL E1	212+24.67	101.8 LT	93.32	93.32	SD MANHOLE	REMOVE AND REPLACE FRAME & COVER
	1	ES6	TL E1	212+31.37	125.7 LT	92.83	92.83	SD FIELD INLET	REMOVE AND REPLACE FRAME & COVER
	1	ES16	TL E1	214+27.56	47.0 RT	93.13	93.13	SD CATCH BASIN	REMOVE AND REPLACE FRAME & COVER
10	1	ES10	TL E3	252+29.79	36.0 LT	86.41	86.41	SD FIELD INLET	REMOVE AND REPLACE FRAME & COVER
	1	ES48	TL E3	253+36.13	79.1 LT	86.80	86.80	SD FIELD INLET	REMOVE AND REPLACE FRAME & COVER
	1		TL E3	258+84.78	163.3 RT	90.62	90.62	SD CATCH BASIN	REMOVE AND REPLACE FRAME & COVER
	5		TL E3	261+25.6	99.3 LT	90.79	90.76	COMM MANHOLE	REMOVE AND RESET FRAME & COVER
	1		TL E3	261+49.59	41.3 LT	90.02	90.14	SD FIELD INLET	REMOVE AND REPLACE FRAME & COVER
	1	ES37A	TL E3	261+70.29	77.5 RT	91.00	90.96	SD MANHOLE	REMOVE AND REPLACE FRAME & COVER
	1		TL E3	261+86.44	169.3 RT	91.86	91.86	SD MANHOLE	REMOVE AND REPLACE FRAME & COVER
11	1	ES11B	TL E	146+87.85	67.5 RT	88.66	88.66	SD CATCH BASIN	REMOVE AND REPLACE FRAME & COVER
	1	ES11B	TL E	147+52.19	239.1 RT	90.35	90.35	SD FIELD INLET	REMOVE AND REPLACE FRAME & COVER
	1	ES11A	TL E	148+19.12	93.8 RT	90.00	90.00	SD MANHOLE	REMOVE AND REPLACE FRAME & COVER
	1	ES73	TL E	157+34.69	182.4 RT	84.97	84.97	SD FIELD INLET	REMOVE AND REPLACE FRAME & COVER

U100.050.0000

ADJUST VALVE BOX

SHEET	DEMO WORK ITEM ID	ALIGNMENT	STATION	OFFSET (FT)	EXISTING TOP OF CASTING ELEVATION (FT)	PROPOSED TOP OF CASTING ELEVATION (FT)	REMARKS
10	4	TL E3	261+06.65	56.6 LT	90.94	90.93	

P160.010.0000

EXCAVATION OF PAVEMENT, AC

SHEET	AREA (SY)	REMARKS
8	8,694	TL G, TL E, TL E1
10	12,441	TL E3 & GATE N8
11	10,970	TL E & NORTH TERMINAL
TOTAL	**32,104**	

P162.010.0000

PAVEMENT COLD PLANING

SHEET	AREA (SY)	REMARKS
8	23,168	TL G, TL E, TL E1
9	19,856	TL E1
10	22,846	TL E3
11	13,439	TL E & NT APRON
12	6,667	TW R
TOTAL	**85,977**	

APPROXIMATE EXISTING ASPHALT THICKNESS

SHEET	ALIGNMENT	STATION	OFFSET (FT)	ASPHALT (INCHES)
8	TAXIWAY E1	201+69.68	37.0 RT	13.0
	TAXIWAY E1	204+30.26	17.8 RT	12.5
	TAXIWAY E1	207+13.62	117.9 RT	14.0
	TAXIWAY E1	207+73.14	30.6 RT	14.0
	TAXIWAY E1	207+91.87	114.6 RT	18.0
	TAXIWAY E1	207+98.11	102.4 RT	13.0
	TAXIWAY E1	208+82.39	146.8 RT	13.0
	TAXIWAY E1	208+97.30	32.9 RT	13.0
	TAXIWAY E1	209+17.38	197.3 RT	13.0
	TAXIWAY E1	209+26.68	294.7 RT	15.0
	TAXIWAY E1	209+51.78	344.9 RT	18.0
	TAXIWAY E1	209+79.76	212.3 RT	17.5
	TAXIWAY E1	209+91.36	154.3 RT	13.0
	TAXIWAY E1	210+50.84	44.5 RT	13.0
9	TAXIWAY E1	211+99.45	102.5 RT	18.0
	TAXIWAY E1	212+12.21	26.6 RT	13.0
	TAXIWAY E1	212+68.08	242.1 RT	13.0
	TAXIWAY E1	213+12.12	111.6 RT	13.0
	TAXIWAY E1	213+93.75	329.0 RT	6.5
	TAXIWAY E1	213+99.78	194.1 RT	14.0
	TAXIWAY E1	214+11.59	223.6 RT	7.5
	TAXIWAY E1	214+28.84	27.4 RT	13.0
	TAXIWAY E1	214+95.08	100.0 RT	16.0
	TAXIWAY E1	215+15.89	153.7 RT	6.5
	TAXIWAY E1	215+48.43	71.5 RT	16.0

APPROXIMATE EXISTING ASPHALT THICKNESS

SHEET	ALIGNMENT	STATION	OFFSET (FT)	ASPHALT (INCHES)
10	TAXIWAY E	141+89.47	973.1 RT	7.0
	TAXIWAY E	142+08.12	569.6 RT	16.0
	TAXIWAY E	142+10.12	903.8 RT	16.0
	TAXIWAY E	142+11.49	249.6 RT	16.0
	TAXIWAY E	142+52.73	358.2 RT	18.0
	TAXIWAY E	142+69.85	821.0 RT	16.0
	TAXIWAY E	142+81.96	620.7 RT	13.0
	TAXIWAY E	142+95.77	860.5 RT	6.5
	TAXIWAY E	143+01.46	1182.7 RT	5.0
	TAXIWAY E	143+61.43	517.8 RT	12.0
	TAXIWAY E	143+67.59	996.9 RT	6.5
	TAXIWAY E	143+88.37	604.5 RT	13.0
	TAXIWAY E	144+24.49	862.4 RT	6.0
	TAXIWAY E	144+41.21	134.6 RT	12.0
	TAXIWAY E	144+41.29	765.0 RT	13.0
	TAXIWAY E	144+53.73	506.0 RT	13.0
	TAXIWAY E	144+70.75	1197.6 RT	5.0
	TAXIWAY E	144+89.97	1005.5 RT	6.5
	TAXIWAY E	145+03.68	686.0 RT	13.0
	TAXIWAY E	145+16.47	270.2 RT	13.0
	TAXIWAY E	145+16.72	818.1 RT	12.0
	TAXIWAY E	145+24.31	858.2 RT	10.0
	TAXIWAY E	145+82.47	177.2 RT	4.0

APPROXIMATE EXISTING ASPHALT THICKNESS

SHEET	ALIGNMENT	STATION	OFFSET (FT)	ASPHALT (INCHES)
11	TAXIWAY E	146+34.61	72.6 RT	20.0
	TAXIWAY E	147+07.01	114.9 RT	4.0
	TAXIWAY E	148+22.57	203.3 RT	4.0
	TAXIWAY E	150+22.16	92.6 RT	13.5
	TAXIWAY E	150+29.17	265.0 RT	4.5
	TAXIWAY E	150+40.33	133.2 RT	6.0
	TAXIWAY E	152+89.58	35.8 RT	13.0
	TAXIWAY E	153+27.76	92.7 RT	6.0
	TAXIWAY E	153+38.16	249.9 RT	6.0
	TAXIWAY E	154+80.91	81.9 RT	3.0
	TAXIWAY E	156+03.50	38.8 RT	13.0
	TAXIWAY E	156+06.90	165.4 RT	4.0
	TAXIWAY E	157+48.14	68.7 RT	4.0
12	TAXIWAY R	335+36.64	12.3 RT	14.0
	TAXIWAY R	337+99.58	82.2 RT	13.0
	TAXIWAY R	340+33.85	17.8 RT	13.0
	TAXIWAY R	344+61.39	37.1 RT	13.0

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File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Summary Tables.dwg

PLANS DEVELOPED BY:
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3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

BY	DATE	REVISION

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CENTRAL REGION
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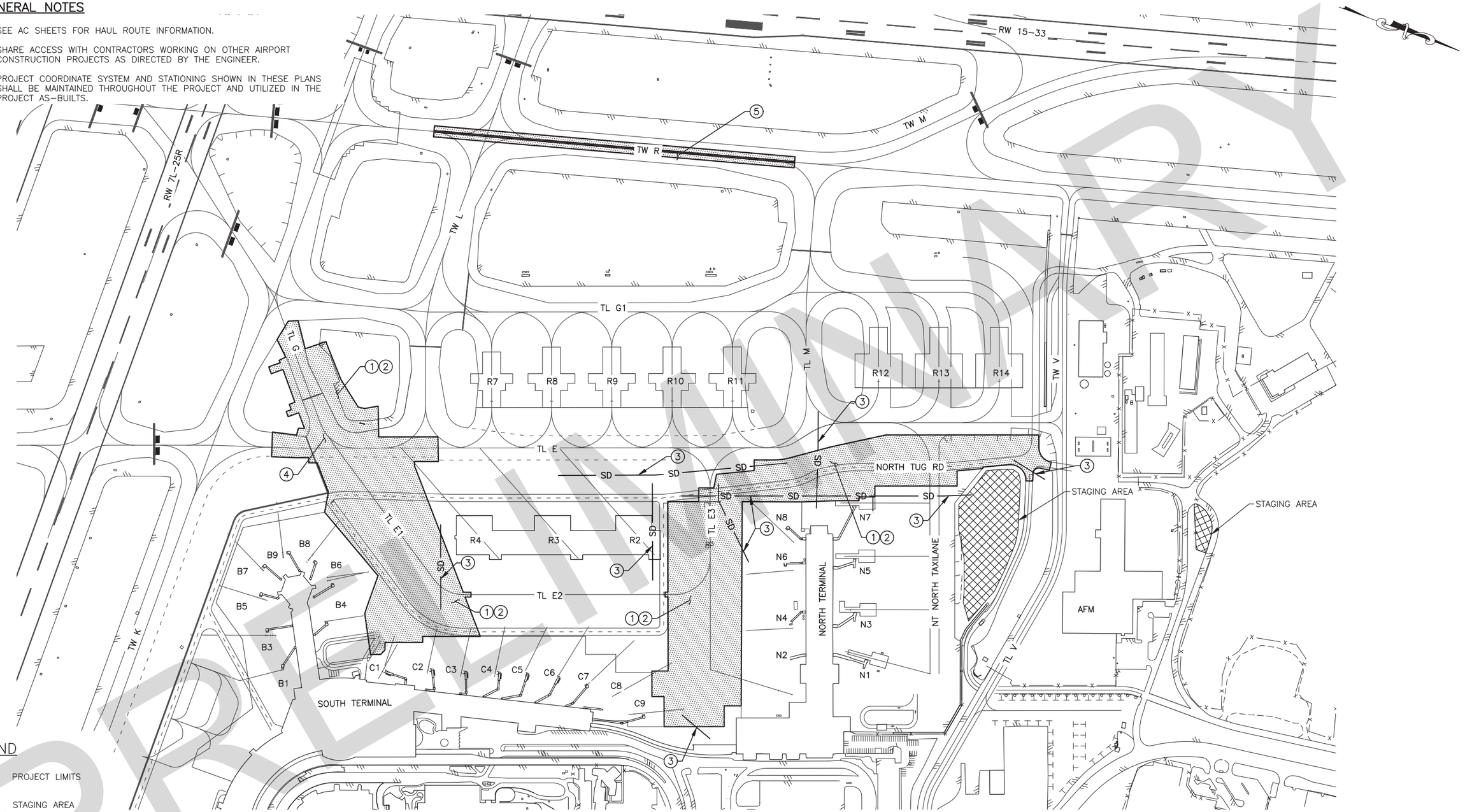
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
SUMMARY TABLES

DATE: SEPTEMBER 2021

GENERAL NOTES

1. SEE AC SHEETS FOR HAUL ROUTE INFORMATION.
2. SHARE ACCESS WITH CONTRACTORS WORKING ON OTHER AIRPORT CONSTRUCTION PROJECTS AS DIRECTED BY THE ENGINEER.
3. PROJECT COORDINATE SYSTEM AND STATIONING SHOWN IN THESE PLANS SHALL BE MAINTAINED THROUGHOUT THE PROJECT AND UTILIZED IN THE PROJECT AS-BUILTS.



LEGEND

- PROJECT LIMITS
- STAGING AREA

1/7

PROJECT LAYOUT PLAN

SCALE: GRAPHIC

200' 100' 0 200' 400'

SCOPE OF THE PROJECT INCLUDE, BUT IS NOT LIMITED TO CONSTRUCTION OF THE FOLLOWING:

(1) REHABILITATE TAXILANES G, E1, E3, AND AREA ADJACENT TO THE NORTH TERMINAL.
(2) REPLACE CENTERLINE LIGHTS, EDGE LIGHTS, MARKINGS, & LIGHTED SIGNS.
(3) REPAIR STORM DRAIN PIPES.
(4) RECONSTRUCT E-G INTERSECTION.
(5) REHABILITATE TAXIWAY R.

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PLANS DEVELOPED BY:
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TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
PROJECT LAYOUT PLAN

DATE: SEPTEMBER 2021

SHEET: 7 OF 74

DEMO PLAN SCHEDULE			
POINT	STATION	OFFSET (FT)	REMARKS
101	201+24.30	59.0 LT	PI
102	201+11.94	20.0 LT	PI
103	201+67.91	50.2 RT	PI
104	202+58.25	137.3 LT	PI
105	202+45.53	137.6 LT	PI
106	202+44.96	113.3 LT	PI
107	202+44.06	74.1 LT	PI
108	202+43.42	46.6 LT	PI
109	202+43.60	44.6 LT	PI
110	202+48.28	39.6 RT	PI
111	202+48.45	41.5 RT	PI
112	202+51.73	71.3 RT	PI
113	202+61.03	70.3 RT	PI
114	202+62.38	70.2 RT	PI
115	202+62.38	121.0 RT	PI
116	202+64.40	137.5 LT	PI
117	202+92.60	69.5 RT	PI
118	202+92.60	121.0 RT	PI
119	204+14.46	141.9 LT	PI
120	204+19.47	143.0 LT	PI
121	205+45.96	170.0 LT	PI
122	206+17.26	191.8 LT	PI
123	206+42.25	241.8 LT	PI
124	204+21.54	107.8 LT	PI
125	204+22.08	78.6 LT	PI
126	204+26.21	67.0 LT	PI
127	204+26.21	50.1 LT	PI
128	204+26.21	37.5 RT	PI
129	204+26.21	45.0 RT	PI
130	205+49.78	45.0 RT	PI
131	205+70.41	45.1 RT	PI
132	204+37.35	69.5 RT	PI
133	204+37.35	94.2 RT	PI
134	204+61.12	94.2 RT	PI
135	204+61.12	116.3 RT	PI
136	204+83.62	116.3 RT	PI
137	204+83.62	69.5 RT	PI
138	205+53.18	69.5 RT	PI
139	205+43.77	93.0 RT	PI
140	205+66.58	110.0 RT	PI
141	205+21.26	199.0 RT	PI
142	205+52.70	107.4 LT	PI
143	206+86.13	210.5 LT	PI
144	204+69.21	67.0 LT	PI
145	204+69.21	76.0 LT	PI
146	205+12.21	76.0 LT	PI
147	205+12.21	85.0 LT	PI
148	205+56.21	85.0 LT	PI
149	205+56.21	106.0 LT	PI
150	206+30.59	96.0 LT	PI
151	206+37.18	118.0 LT	PI
152	206+51.55	113.7 LT	PI
153	206+61.31	146.3 LT	PI
154	206+86.34	138.8 LT	PI
155	206+99.83	156.9 LT	PI
156	207+03.14	154.5 LT	PI
157	207+19.27	186.8 LT	PI
158	207+46.32	167.5 LT	PI
159	208+92.82	364.3 LT	PI
160	209+75.67	304.7 LT	PI

DEMO PLAN SCHEDULE			
POINT	STATION	OFFSET (FT)	REMARKS
161	209+16.49	225.2 LT	PI
162	209+30.59	214.7 LT	PI
163	208+00.90	81.7 LT	PI
164	206+56.39	112.4 RT	PI
165	206+79.73	101.2 RT	PI
166	206+58.85	129.2 RT	PI
167	206+41.60	116.4 RT	PI
168	205+81.78	241.3 RT	PI
169	208+04.55	136.2 RT	PI
170	208+62.26	198.7 RT	PI

DEMOLITION WORK THIS SHEET:

ADJUST MANHOLE

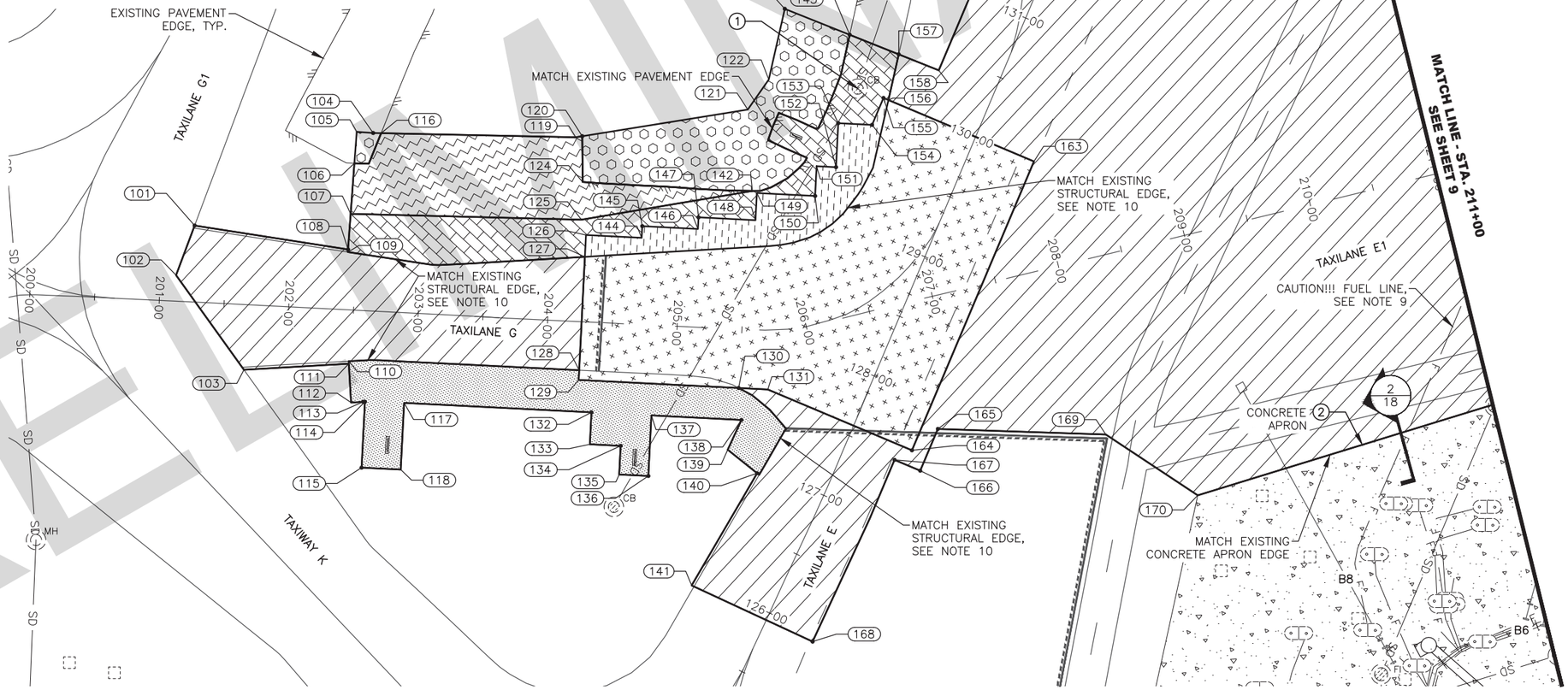
PROTECT IN PLACE

NOTES:

1. REFER TO TYPICAL SECTIONS, SHEETS 13 – 16.
2. SEE SHEETS 5 – 6 FOR WORK ITEM TABLES.
3. SEE SHEETS E1 – E3 FOR ELECTRICAL DEMOLITION ITEMS (NOT SHOWN FOR CLARITY).
4. SEE SITE PLAN SHEETS 19 – 23 FOR PROPOSED RECONSTRUCTION AND REHABILITATION SECTIONS.
5. SEE GRADING PLAN SHEETS 28 – 33 FOR FINISHED GRADE ELEVATIONS.
6. UNDERGROUND UTILITIES IN THESE DRAWINGS ARE SHOWN IN GENERAL LOCATIONS ONLY. OTHER UTILITIES MAY EXIST THROUGHOUT THE PROJECT AREA. DEPTHS OF MOST ARE UNKNOWN. LOCATE UTILITIES IN THE VICINITY PRIOR TO EXCAVATION AND DEMO.
7. ALL JOINTS WITH EXISTING PAVEMENTS SHALL BE SAW CUT AND PROTECTED FROM DAMAGE.
8. PROTECT IN PLACE EXISTING STORM DRAIN UNLESS OTHERWISE NOTED OR AS DIRECTED BY THE ENGINEER.
9. ALL GROUND DISTURBANCE WORK WITHIN 10 FT OF THE FUEL LINE WILL REQUIRE A STAND–BY WATCH. SEE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.
10. CONTRACTOR SHALL SURVEY THE EXISTING TAXIWAY STRUCTURAL EDGE PRIOR TO BEGINNING PAVEMENT DEMOLITION WORK.

LEGEND:

- EXISTING CONCRETE TO REMAIN
- TSA REHAB EXCAVATION (4" RAP, SUBGRADE AS NECESSARY FOR NEW SECTION)
- TSA REHAB WITH EXISTING HMA EXCAVATION (4" HMA, SUBGRADE AS NECESSARY FOR NEW SECTION)
- EXCAVATION FOR PCC PAVEMENT (15" HMA, 4" RAP, 34" SUBBASE)
- EXCAVATION FOR PCC PAVEMENT AT WIDENING (4" HMA, 4" RAP, SUBGRADE AS NECESSARY FOR NEW SECTION)
- STRUCTURAL PAVEMENT COLD PLANING (6" HMA)
- SHOULDER RECONSTRUCTION EXCAVATION (4" HMA, SUBGRADE AS NECESSARY FOR NEW SECTION)
- SHOULDER REHAB EXCAVATION (4" HMA)



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TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No: 3–02–0016–XXX–2021
TL E1 DEMOLITION PLAN – STA 200+00 TO STA 211+00

DATE: SEPTEMBER 2021
SHEET: 8 OF 74

Designed By: MH
Drawn By: CM
Checked By: SB
Date Revised:
Layout Name: 8
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DEMO PLAN SCHEDULE			
POINT	STATION	OFFSET (FT)	REMARKS
201	215+32.12	10.0 LT	PI
202	215+00.21	10.0 LT	PI
203	215+32.23	10.0 RT	PI
204	215+07.92	10.0 RT	PI
205	215+70.76	173.1 RT	PI

NOTES:

1. REFER TO TYPICAL SECTIONS, SHEETS 13 – 16.
2. SEE SHEETS 5 – 6 FOR WORK ITEM TABLES.
3. SEE SHEETS E1 – E3 FOR ELECTRICAL DEMOLITION ITEMS (NOT SHOWN FOR CLARITY).
4. SEE SITE PLAN SHEETS 19 – 23 FOR PROPOSED RECONSTRUCTION AND REHABILITATION SECTIONS.
5. SEE GRADING PLAN SHEETS 28 – 33 FOR FINISHED GRADE ELEVATIONS.
6. UNDERGROUND UTILITIES IN THESE DRAWINGS ARE SHOWN IN GENERAL LOCATIONS ONLY. OTHER UTILITIES MAY EXIST THROUGHOUT THE PROJECT AREA. DEPTHS OF MOST ARE UNKNOWN. LOCATE UTILITIES IN THE VICINITY PRIOR TO EXCAVATION AND DEMO.
7. ALL JOINTS WITH EXISTING PAVEMENTS SHALL BE SAW CUT AND PROTECTED FROM DAMAGE.
8. PROTECT IN PLACE EXISTING STORM DRAIN UNLESS OTHERWISE NOTED OR AS DIRECTED BY THE ENGINEER.
9. ALL GROUND DISTURBANCE WORK WITHIN 10 FT OF THE FUEL LINE WILL REQUIRE A STAND–BY WATCH. SEE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

DEMOLITION WORK THIS SHEET:

(1) ADJUST MANHOLE

(2) PROTECT IN PLACE

(3) REMOVE AND RESET JERSEY BARRIER (SUBSIDIARY TO CONTRACT)

LEGEND:

STRUCTURAL PAVEMENT COLD PLANING (6" HMA)

EXISTING CONCRETE TO REMAIN

50' 25' 0 50' 100'

PRELIMINARY

Designed By:	MH
Drawn By:	CM
Checked By:	SB

Date Revised:	9/3/2021 11:50 AM
Layout Name:	9
File Path and Name:	J:\Jobs\Data\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Demolition Plan.dwg

PLANS DEVELOPED BY:
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562–3252
#AECL882–AK

BY	DATE	REVISION

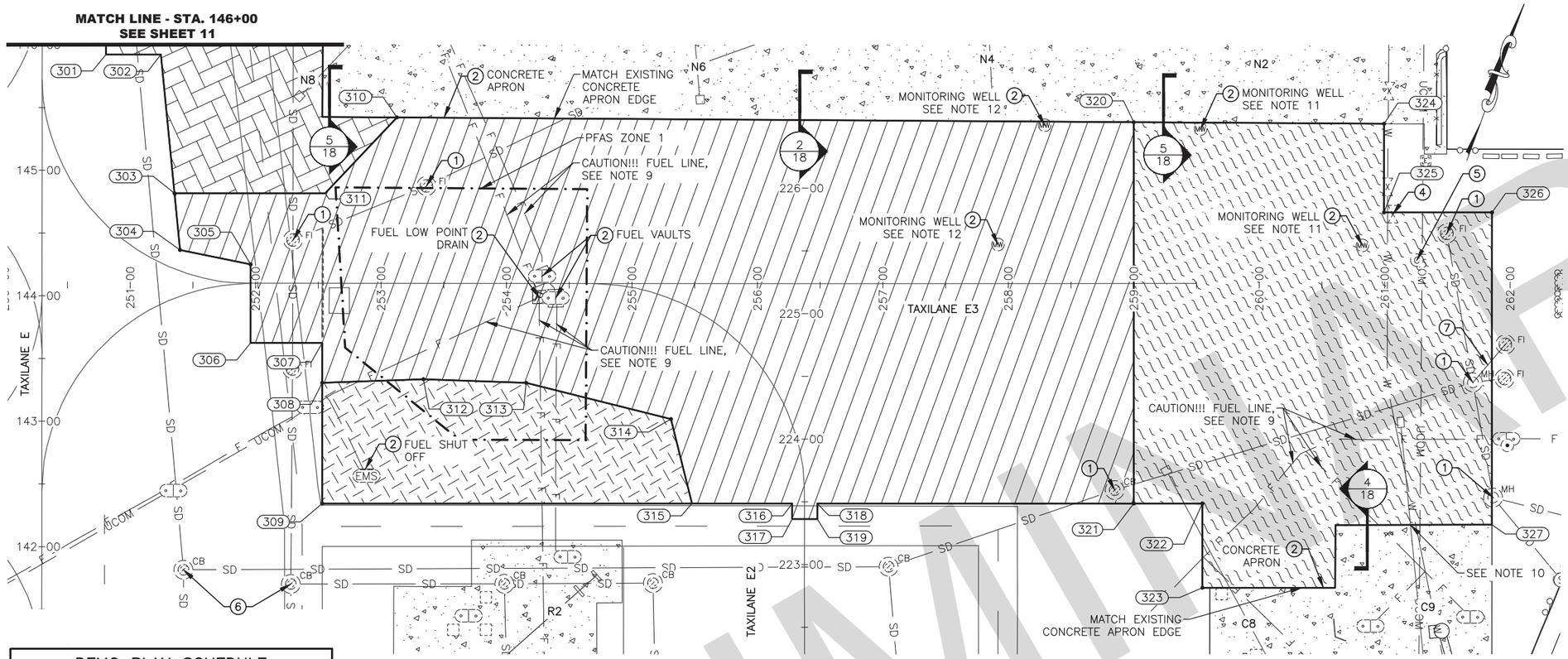
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No: 3–02–0016–XXX–2021
TL E1 DEMOLITION PLAN – STA 211+00 TO STA 216+00

DATE: SEPTEMBER 2021

SHEET: 9 OF 74

MATCH LINE - STA. 146+00
SEE SHEET 11



DEMOLITION WORK THIS SHEET:

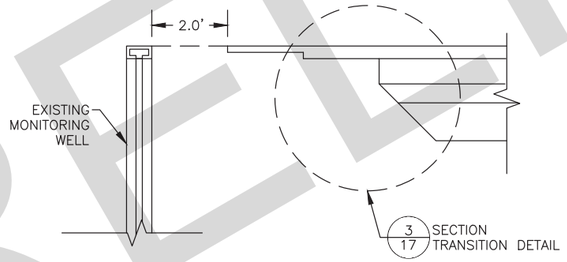
1. ADJUST MANHOLE
2. PROTECT IN PLACE
4. ADJUST VALVE BOX
5. ADJUST COMMUNICATION MANHOLE
6. REPAIR MANHOLE
7. PIPE ABANDONMENT, SEE SHEET 36

LEGEND:

- EXISTING CONCRETE TO REMAIN
- GATE N8 RECONSTRUCTION EXCAVATION (4" HMA, SUBGRADE AS NECESSARY FOR NEW SECTION)
- STRUCTURAL PAVEMENT COLD PLANING (6" HMA)
- NON-STRUCTURAL PAVEMENT COLD PLANING (3" HMA)
- TAXILANE E3 RECONSTRUCTION EXCAVATION (6" HMA, SUBGRADE AS NECESSARY FOR NEW SECTION)
- PFAS CONTAMINATED ZONE

DEMO PLAN SCHEDULE

POINT	STATION	OFFSET (FT)	REMARKS
301	250+80.74	183.9 LT	PI
302	251+24.46	183.8 LT	PI
303	251+35.30	73.2 LT	PI
304	251+39.73	28.0 LT	PI
305	251+96.01	16.6 LT	PI
306	251+95.97	46.0 RT	PI
307	252+53.05	46.0 RT	PI
308	252+53.05	77.8 RT	PI
309	252+53.05	174.0 RT	PI
310	253+12.61	133.7 LT	PI
311	252+55.36	73.2 LT	PI
312	253+33.73	75.0 RT	PI
313	254+15.65	77.9 RT	PI
314	255+31.06	106.7 RT	PI
315	255+47.80	174.0 RT	PI
316	256+27.72	174.0 RT	PI
317	256+27.70	186.4 RT	PI
318	256+47.72	174.0 RT	PI
319	256+47.70	186.4 RT	PI
320	259+00.00	129.9 LT	PI
321	259+00.00	174.0 RT	PI
322	259+54.68	174.0 RT	PI
323	259+54.68	241.2 RT	PI
324	260+99.54	128.7 LT	PI
325	260+99.44	58.0 LT	PI
326	261+85.54	58.0 LT	PI
327	261+85.42	190.9 RT	PI



A/10 MONITORING WELL PROTECTION DETAIL
SCALE: GRAPHIC

NOTES:

1. REFER TO TYPICAL SECTIONS, SHEETS 13 – 16.
2. SEE SHEETS 5 – 6 FOR WORK ITEM TABLES.
3. SEE SHEETS E1 – E3 FOR ELECTRICAL DEMOLITION ITEMS (NOT SHOWN FOR CLARITY).
4. SEE SITE PLAN SHEETS 19 – 23 FOR PROPOSED RECONSTRUCTION AND REHABILITATION SECTIONS.
5. SEE GRADING PLAN SHEETS 28 – 33 FOR FINISHED GRADE ELEVATIONS.
6. UNDERGROUND UTILITIES IN THESE DRAWINGS ARE SHOWN IN GENERAL LOCATIONS ONLY. OTHER UTILITIES MAY EXIST THROUGHOUT THE PROJECT AREA. DEPTHS OF MOST ARE UNKNOWN. LOCATE UTILITIES IN THE VICINITY PRIOR TO EXCAVATION AND DEMO.
7. ALL JOINTS WITH EXISTING PAVEMENTS SHALL BE SAW CUT AND PROTECTED FROM DAMAGE.
8. PROTECT IN PLACE EXISTING STORM DRAIN UNLESS OTHERWISE NOTED OR AS DIRECTED BY THE ENGINEER.
9. ALL GROUND DISTURBANCE WORK WITHIN 10 FT OF THE FUEL LINE WILL REQUIRE A STAND-BY WATCH. SEE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.
10. C9 LEAD IN LIGHTING MUST BE CUT AT ASPHALT-CONCRETE INTERFACE PRIOR TO PAVEMENT REMOVAL TO AVOID DAMAGING EXISTING CONCRETE APRON. SEE SHEET E3 FOR DETAILS.
11. TRANSITION EXCAVATION PER DETAIL A, THIS SHEET.
12. TRANSITION PAVEMENT COLD PLANING SECTION TO MATCH EXISTING GROUND 2' BEYOND EXISTING MONITORING WELLS. SEE SHEET 17 FOR SECTION TRANSITION DETAILS.
13. REMOVE ALL ASPHALT PAVEMENTS WITHIN THE LIMITS OF EXCAVATION BEFORE EXCAVATING SUBSTRUCTURE TO AVOID MIXING OR CONTAMINATION WITH AGGREGATE LAYERS. AC PAVEMENT IN PFAS CONTAMINATED ZONES SHOWN ON THE PLANS IS NOT CONSIDERED CONTAMINATED AND CAN BE PROCESSED IN THE SAME MANNER AS THE OTHER AC PAVEMENT. SUBGRADE MATERIAL BELOW THE AC PAVEMENT IN THE PFAS CONTAMINATED ZONES MUST BE KEPT SEPARATED. IF THE SUBGRADE IS MIXED WITH AC PAVEMENT, ALL MATERIAL WILL BE CONSIDERED CONTAMINATED.
14. ALL MATERIAL BELOW THE EXISTING PAVEMENT SECTION WITH DESIGNATED PFAS CONTAMINATION ZONES MUST REMAIN ON SITE WITHIN THE PFAS CONTAMINATION ZONE IN WHICH THE MATERIAL IS LOCATED. PFAS MATERIAL MUST BE INCORPORATED BACK INTO THE ORIGINATING PFAS CONTAMINATION ZONE PRIOR TO PROJECT COMPLETION.
15. ALL PAVEMENT EXCAVATION AND NON-CONTAMINATED MATERIAL FROM OUTSIDE THE DESIGNATED PFAS CONTAMINATION ZONES THAT WILL NOT BE INCORPORATED INTO PERMANENT WORK SHALL BE DISPOSED OF BY THE CONTRACTOR PER GCP 70-11H. SOIL AND RAP MAY DISPOSED OF IN DISPOSAL AREAS SHOWN ON THE PLANS.

50' 25' 0 50' 100'

PLANS DEVELOPED BY:
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

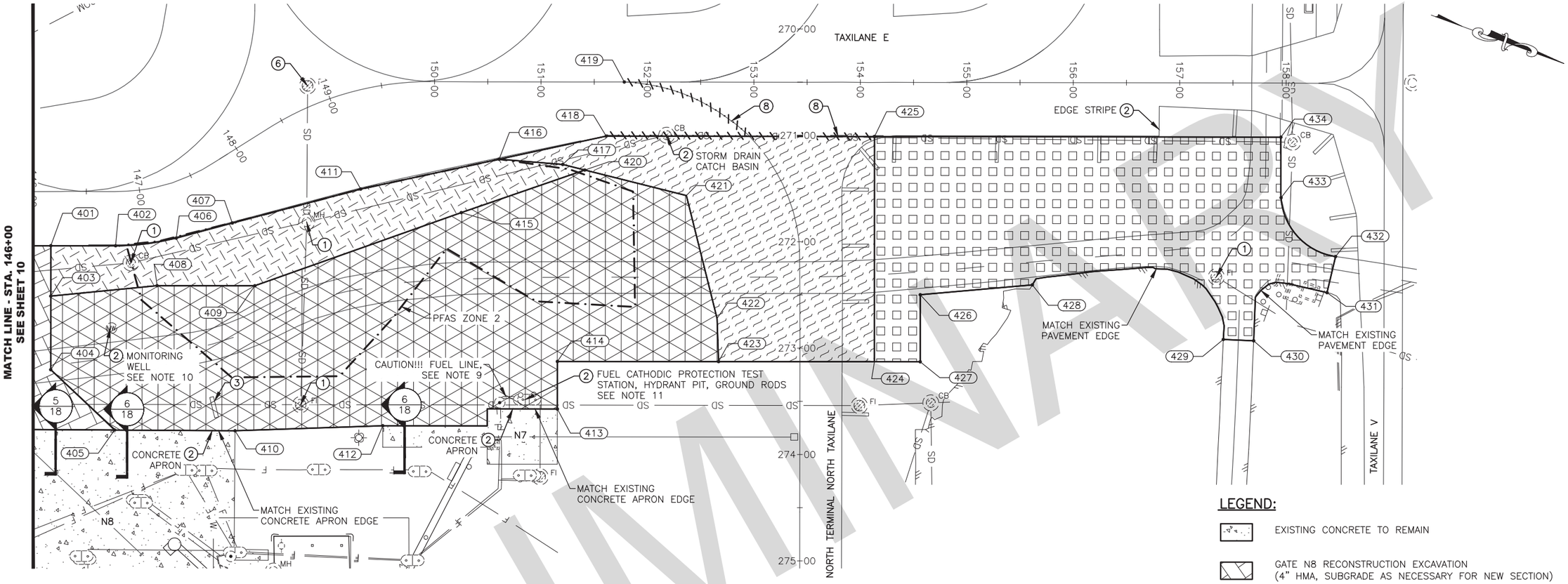
BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
TL E3 DEMOLITION PLAN – STA 250+00 TO STA 263+00

DATE: SEPTEMBER 2021
SHEET: 10 OF 74

Designed By: MH
Drawn By: CM
Checked By: SB
Date Revised: 9/3/2021 11:50 AM
Layout Name: 10
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Demolition Plan.dwg



DEMO PLAN SCHEDULE

POINT	STATION	OFFSET (FT)	REMARKS
401	146+16.71	51.0 RT	PI
402	146+77.54	51.0 RT	PC, R=221'
403	146+16.71	98.4 RT	PI
404	146+16.71	167.5 RT	PI
405	146+76.69	224.2 RT	PI
406	147+21.83	51.2 RT	PT
407	147+62.94	57.7 RT	PI
408	147+03.00	91.4 RT	PI
409	147+57.18	119.7 RT	PI
410	147+24.66	240.5 RT	PI
411	148+98.67	89.8 RT	PI
412	147+77.63	293.9 RT	PI
413	151+15.88	307.6 RT	PI
414	151+15.86	262.9 RT	PI
415	150+25.30	123.1 RT	PI
416	150+60.80	72.9 RT	PI
417	151+20.55	77.7 RT	PI

DEMO PLAN SCHEDULE

POINT	STATION	OFFSET (FT)	REMARKS
418	151+61.33	51.0 RT	PI
419	151+78.28	0.1 RT	PM MARKING
420	151+41.28	82.9 RT	PI
421	152+36.75	106.8 RT	PI
422	152+65.76	222.3 RT	PI
423	152+67.24	262.8 RT	PI
424	154+13.68	262.7 RT	PI
425	154+13.44	51.0 RT	PI
426	154+56.61	199.6 RT	PI
427	154+56.68	262.7 RT	PI
428	155+61.90	190.2 RT	PI
429	157+41.38	241.2 RT	PI
430	157+69.87	242.5 RT	PI
431	158+38.71	197.1 RT	PI
432	158+46.71	163.1 RT	PC, R=60'
433	157+95.46	107.9 RT	PT
434	157+95.17	51.0 RT	PI

NOTES:

1. REFER TO TYPICAL SECTIONS, SHEETS 13 – 16.
2. SEE SHEETS 5 – 6 FOR WORK ITEM TABLES.
3. SEE SHEETS E1 – E3 FOR ELECTRICAL DEMOLITION ITEMS (NOT SHOWN FOR CLARITY).
4. SEE SITE PLAN SHEETS 19 – 23 FOR PROPOSED RECONSTRUCTION AND REHABILITATION SECTIONS.
5. SEE GRADING PLAN SHEETS 28 – 33 FOR FINISHED GRADE ELEVATIONS.
6. UNDERGROUND UTILITIES IN THESE DRAWINGS ARE SHOWN IN GENERAL LOCATIONS ONLY. OTHER UTILITIES MAY EXIST THROUGHOUT THE PROJECT AREA. DEPTHS OF MOST ARE UNKNOWN. LOCATE UTILITIES IN THE VICINITY PRIOR TO EXCAVATION AND DEMO.
7. ALL JOINTS WITH EXISTING PAVEMENTS SHALL BE SAW CUT AND PROTECTED FROM DAMAGE.
8. PROTECT IN PLACE EXISTING STORM DRAIN UNLESS OTHERWISE NOTED OR AS DIRECTED BY THE ENGINEER.
9. ALL GROUND DISTURBANCE WORK WITHIN 10 FT OF THE FUEL LINE WILL REQUIRE A STAND–BY WATCH. SEE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION
10. TRANSITION PAVEMENT EXCAVATION SECTION TO MATCH EXISTING GROUND 2' BEYOND EXISTING MONITORING WELLS. SEE SHEET 17 FOR SECTION TRANSITION DETAILS.
11. TRANSITION PAVEMENT EXCAVATION SECTION TO MATCH EXISTING GROUND 2' BEYOND THE EXISTING FUEL HYDRANT PIT. SEE SHEET 17 FOR SECTION TRANSITION DETAILS.
12. REMOVE ALL ASPHALT PAVEMENTS WITHIN THE LIMITS OF EXCAVATION BEFORE EXCAVATING SUBSTRUCTURE TO AVOID MIXING OR CONTAMINATION WITH AGGREGATE LAYERS. AC PAVEMENT IN PFAS CONTAMINATED ZONES SHOWN ON THE PLANS IS NOT CONSIDERED CONTAMINATED AND CAN BE PROCESSED IN THE SAME MANNER AS THE OTHER AC PAVEMENT. SUBGRADE MATERIAL BELOW THE AC PAVEMENT IN THE PFAS CONTAMINATED ZONES MUST BE KEPT SEPARATED. IF THE SUBGRADE IS MIXED WITH AC PAVEMENT, ALL MATERIAL WILL BE CONSIDERED CONTAMINATED.
13. ALL MATERIAL BELOW THE EXISTING PAVEMENT SECTION WITH DESIGNATED PFAS CONTAMINATION ZONES MUST REMAIN ON SITE WITHIN THE PFAS CONTAMINATION ZONE IN WHICH THE MATERIAL IS LOCATED. PFAS MATERIAL MUST BE INCORPORATED BACK INTO THE ORIGINATING PFAS CONTAMINATION ZONE PRIOR TO PROJECT COMPLETION.
14. ALL PAVEMENT EXCAVATION AND NON–CONTAMINATED MATERIAL FROM OUTSIDE THE DESIGNATED PFAS CONTAMINATION ZONES THAT WILL NOT BE INCORPORATED INTO PERMANENT WORK SHALL BE DISPOSED OF BY THE CONTRACTOR PER GCP 70–11H. SOIL AND RAP MAY DISPOSED OF IN DISPOSAL AREAS SHOWN ON THE PLANS.

LEGEND:

- EXISTING CONCRETE TO REMAIN
- GATE N8 RECONSTRUCTION EXCAVATION (4" HMA, SUBGRADE AS NECESSARY FOR NEW SECTION)
- NON–STRUCTURAL PAVEMENT COLD PLANING (3" HMA)
- APRON RECONSTRUCTION (4" HMA, 6" RAP)
- APRON PAVEMENT COLD PLANING (3" HMA)
- NORTH TERMINAL NORTH TAXILANE RECONSTRUCTION EXCAVATION (6" HMA, SUBGRADE AS NECESSARY FOR NEW SECTION)
- PFAS CONTAMINATED ZONE

DEMOLITION WORK THIS SHEET:

1. ADJUST MANHOLE
2. PROTECT IN PLACE
3. REMOVE AND RESET JERSEY BARRIER (SUBSIDIARY TO CONTRACT)
6. REPAIR MANHOLE
8. PAVEMENT MARKING REMOVAL

50' 25' 0 50' 100'

Designed By: MH
Drawn By: CM
Checked By: SB

Date Revised: 9/3/2021 11:50 AM
Layout Name: 11
File Path and Name: J:\Jobs\Data\30118.00 ANC TL E1, E3, And E–G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675–ANC–Demolition Plan.dwg

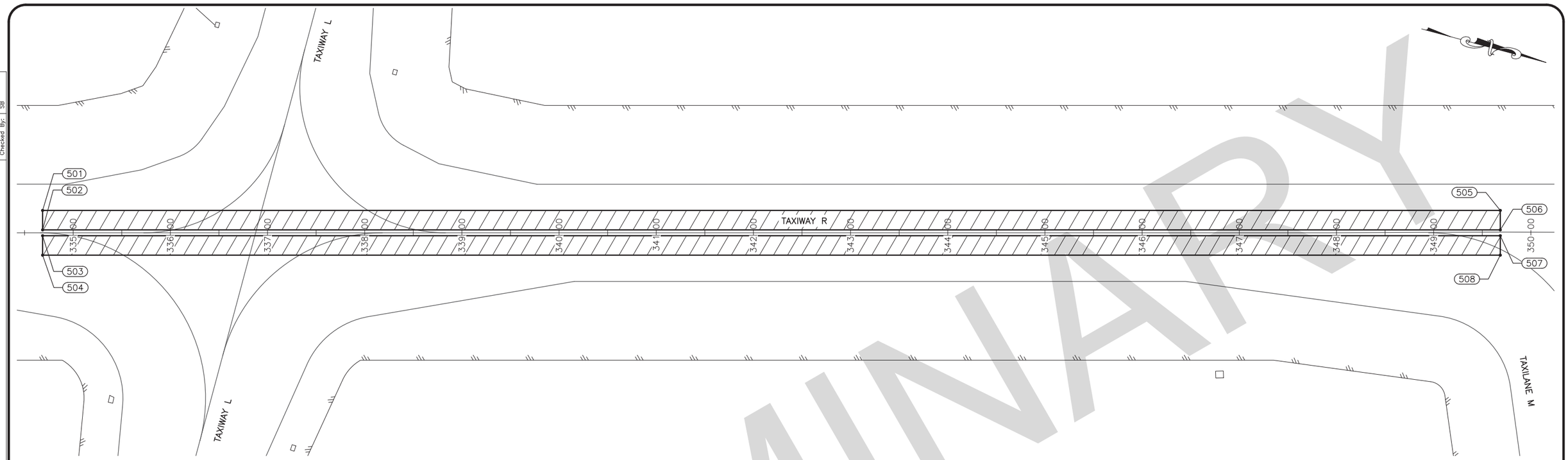
PLANS DEVELOPED BY:
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562–3252
#AECL882–AK

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3–02–0016–XXX–2021
TL E DEMOLITION PLAN – STA 146+00 TO STA 158+50

DATE: SEPTEMBER 2021
SHEET: 11 OF 74



DEMO PLAN SCHEDULE			
POINT	STATION	OFFSET (FT)	REMARKS
501	334+68.57	23.0 LT	PI
502	334+68.57	3.0 LT	PI
503	334+68.57	3.0 RT	PI
504	334+68.57	23.0 RT	PI
505	349+68.57	23.0 LT	PI
506	349+68.57	3.0 LT	PI
507	349+68.57	3.0 RT	PI
508	349+68.57	23.0 RT	PI

NOTES:

1. REFER TO TYPICAL SECTIONS, SHEETS 13 – 16.
2. SEE SHEETS 5 – 6 FOR WORK ITEM TABLES.
3. SEE SHEETS E1 – E3 FOR ELECTRICAL DEMOLITION ITEMS (NOT SHOWN FOR CLARITY).
4. SEE SITE PLAN SHEETS 19 – 23 FOR PROPOSED RECONSTRUCTION AND REHABILITATION SECTIONS.
5. SEE GRADING PLAN SHEETS 28 – 33 FOR FINISHED GRADE ELEVATIONS.
6. UNDERGROUND UTILITIES IN THESE DRAWINGS ARE SHOWN IN GENERAL LOCATIONS ONLY. OTHER UTILITIES MAY EXIST THROUGHOUT THE PROJECT AREA. DEPTHS OF MOST ARE UNKNOWN. LOCATE UTILITIES IN THE VICINITY PRIOR TO EXCAVATION AND DEMO.
7. ALL JOINTS WITH EXISTING PAVEMENTS SHALL BE SAW CUT AND PROTECTED FROM DAMAGE.
8. PROTECT IN PLACE EXISTING STORM DRAIN UNLESS OTHERWISE NOTED OR AS DIRECTED BY THE ENGINEER.

LEGEND:

STRUCTURAL PAVEMENT COLD PLANING (6" HMA)

50' 25' 0 50' 100'

PLANS DEVELOPED BY:
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

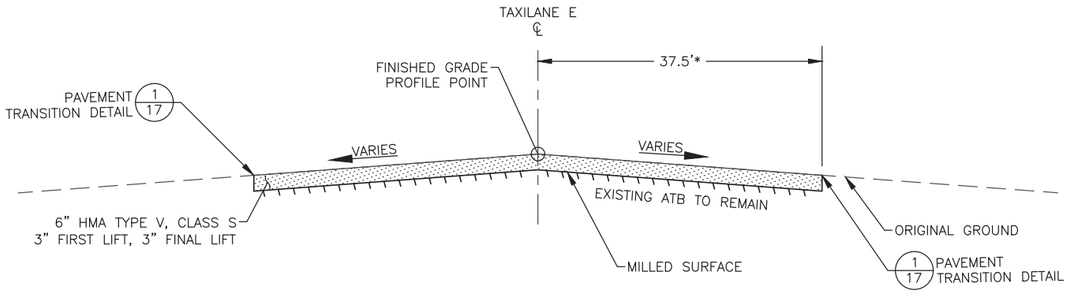
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
TW R DEMOLITION PLAN – STA 334+00 TO STA 350+00

DATE: SEPTEMBER 2021

SHEET: 12 OF 74

Designed By: MH
Drawn By: CM
Checked By: SB

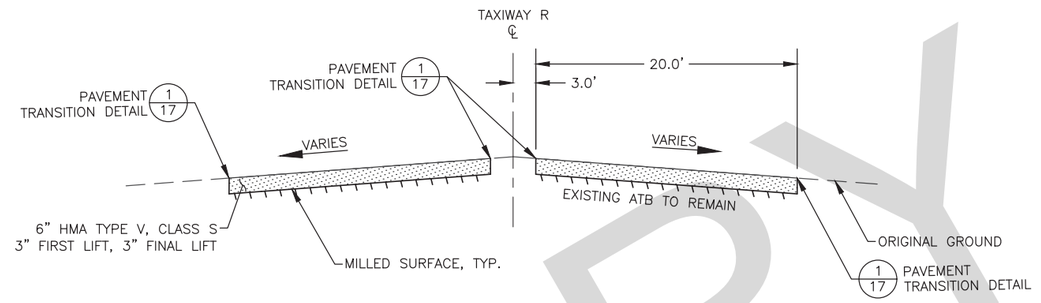
Date Revised: 9/3/2021 11:50 AM
Layout Name: 12
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Demolition Plan.dwg



1/13 TAXILANE E PARTIAL DEPTH OVERLAY SECTION

GRAPHIC

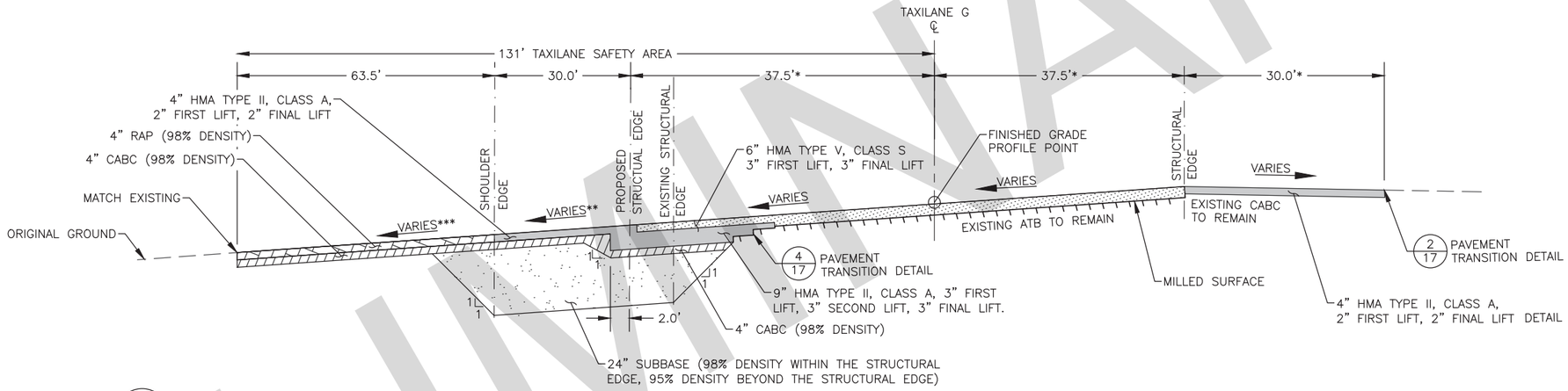
STA. 125+94.00 TO STA. 127+54.48
STA. 130+23.48 TO STA. 132+82.80



2/13 TAXIWAY R PARTIAL DEPTH OVERLAY SECTION

NTS

STA 334+68.57 TO STA 349+68.57



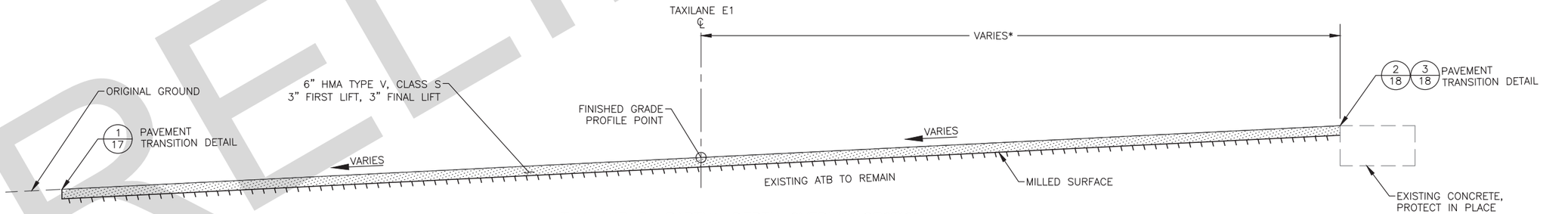
3/13 TAXILANE G STRUCTURAL WIDENING SECTION

NTS

STA 201+27.89 TO STA 204+18.21

SHEET LEGEND:

- HMA TYPE V, CLASS S
- HMA TYPE II, CLASS A
- CABC
- SUBBASE
- RAP



4/13 TAXILANE E1 PARTIAL DEPTH OVERLAY SECTION

GRAPHIC

STA 207+47.56 TO STA 215+32.18

NOTES:

1. DIMENSIONS ARE MIRRORED ABOUT THE CENTERLINE (SHOWN ON RIGHT SIDE ONLY FOR CLARITY).
2. ALL PAVEMENT CUTS SHALL BE MADE WITH A SAW AND PROTECTED FROM DAMAGE.
3. STE-1 TACK COAT REQUIRED BETWEEN ALL PAVEMENT LIFTS AND ON TRANSVERSE JOINTS.
4. DENSITY CALLOUTS IN THE TYPICAL SECTIONS REPRESENT THE REQUIRED MINIMUM PERCENT OF THE MAXIMUM DENSITY.

* DIMENSIONS VARY, SEE GRADING SHEETS

** MAXIMUM CROSS SLOPE SHALL BE 1.5%, SEE GRADING SHEETS.

*** MAXIMUM CROSS SLOPE SHALL BE 5%, SEE GRADING SHEETS.

PLANS DEVELOPED BY:
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

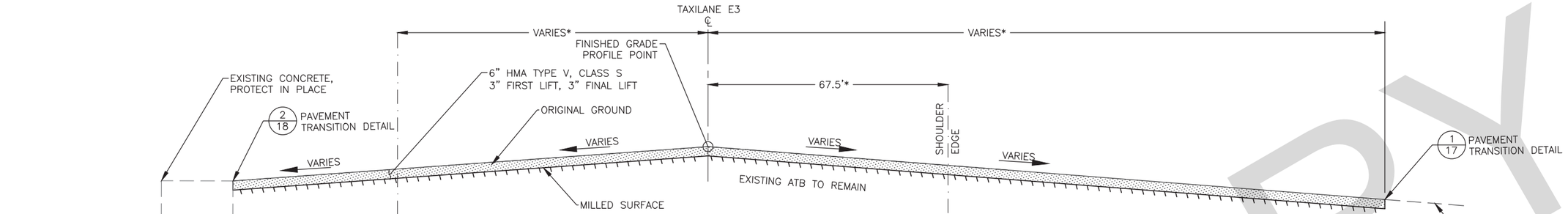
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No: 3-02-0016-XXX-2021
TYPICAL SECTIONS

DATE: SEPTEMBER 2021

SHEET: 13 OF 74

Designed By: MH
Drawn By: CM
Checked By: SB

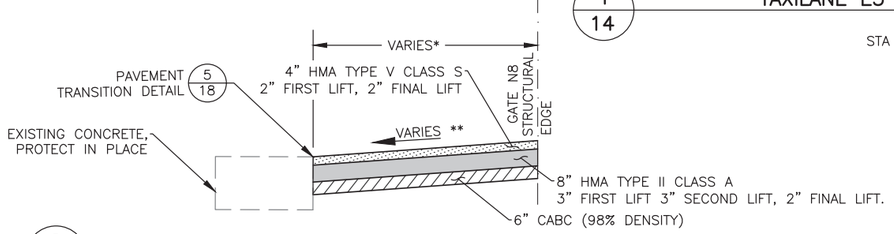
Date Revised: 9/2/2021 11:44 AM
Layout Name: 13
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Typical Sections.dwg



1/14 TAXILANE E3 PARTIAL DEPTH OVERLAY SECTION

NTS

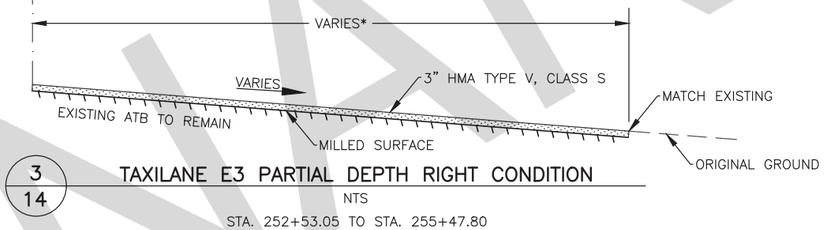
STA 251+96.00 TO STA 258+98.50



2/14 TAXILANE E3 GATE N8 LEFT CONDITION

NTS

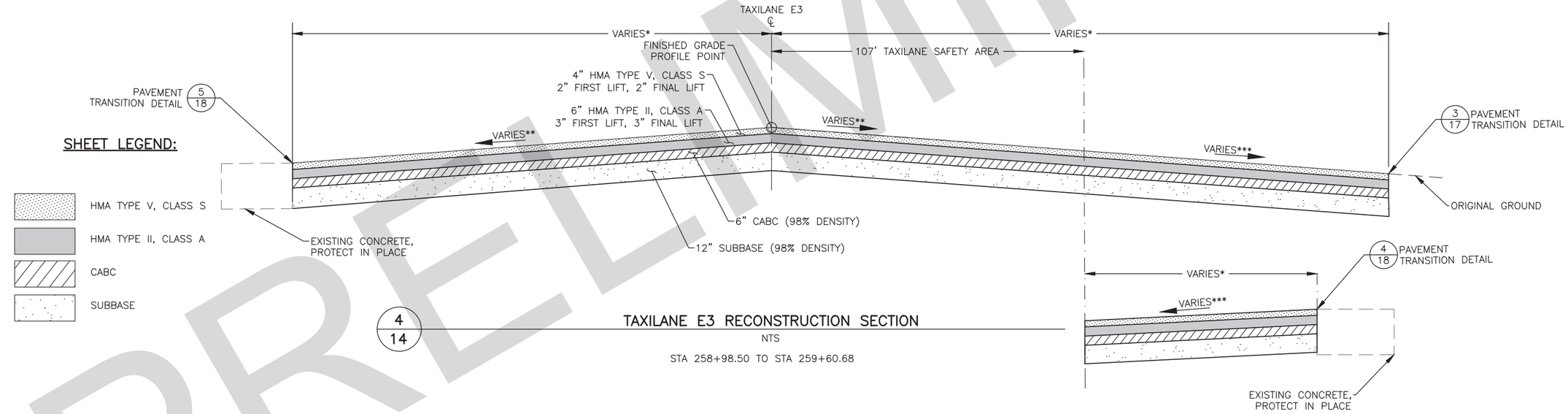
STA 251+96.00 TO STA 253+12.61



3/14 TAXILANE E3 PARTIAL DEPTH RIGHT CONDITION

NTS

STA. 252+53.05 TO STA. 255+47.80



4/14 TAXILANE E3 RECONSTRUCTION SECTION

NTS

STA 258+98.50 TO STA 259+60.68

5/14 TAXILANE E3 TYPICAL EXISTING CONCRETE APRON CONDITION

GRAPHIC

STA 259+60.68 TO STA 261+87.04

NOTES:

1. DIMENSIONS ARE MIRRORED ABOUT THE CENTERLINE (SHOWN ON RIGHT SIDE ONLY FOR CLARITY).
2. ALL PAVEMENT CUTS SHALL BE MADE WITH A SAW AND PROTECTED FROM DAMAGE.
3. STE-1 TACK COAT REQUIRED BETWEEN ALL PAVEMENT LIFTS AND ON TRANSVERSE JOINTS.
4. DENSITY CALLOUTS IN THE TYPICAL SECTIONS REPRESENT THE REQUIRED MINIMUM PERCENT OF THE MAXIMUM DENSITY.

* DIMENSIONS VARY, SEE GRADING SHEETS

** MAXIMUM CROSS SLOPE SHALL BE 1.5%, SEE GRADING SHEETS.

*** MAXIMUM CROSS SLOPE SHALL BE 5%, SEE GRADING SHEETS.

Designed By: MH
Drawn By: CM
Checked By: SB

Date Revised: 9/2/2021 11:44 AM
Layout Name: 14
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Typical Sections.dwg

PLANS DEVELOPED BY:
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

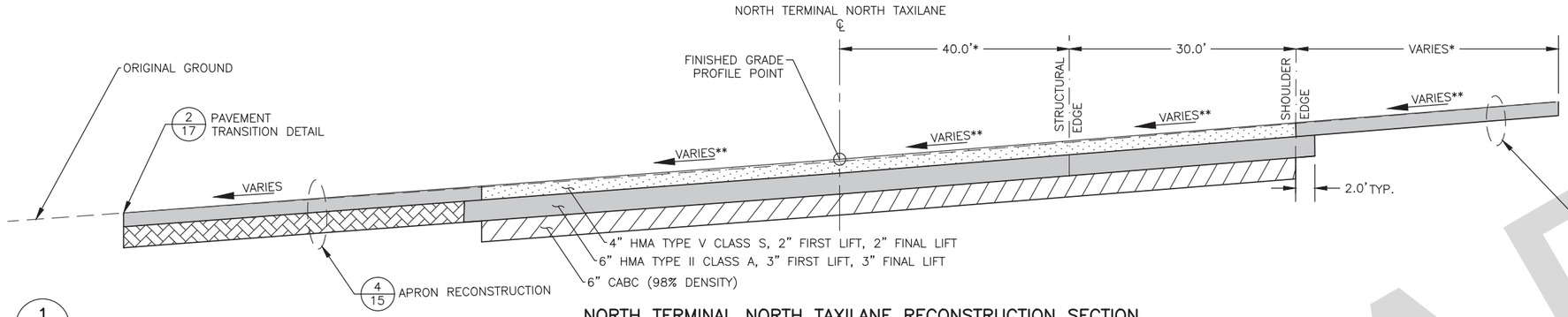
BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No: 3-02-0016-XXX-2021
TYPICAL SECTIONS

DATE: SEPTEMBER 2021

SHEET: 14 OF 74



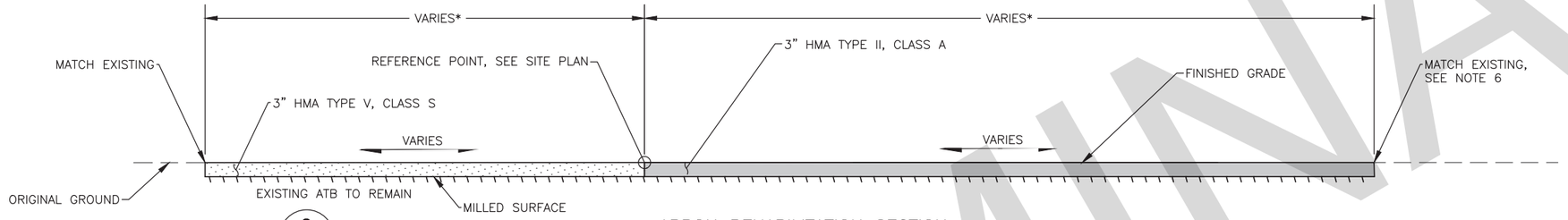
1 / 15 NORTH TERMINAL NORTH TAXILANE RECONSTRUCTION SECTION

NTS

STA 271+01.00 TO STA 273+12.76

SHEET LEGEND:

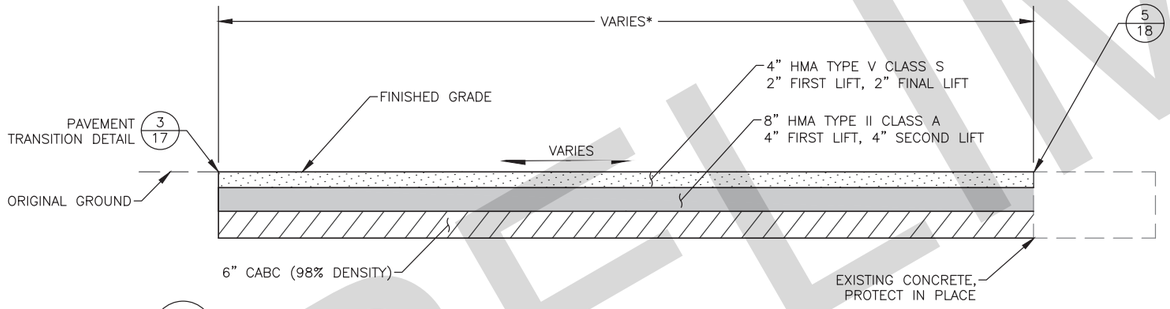
- HMA TYPE V, CLASS S
- HMA TYPE II, CLASS A
- CABC
- RAP



2 / 15 APRON REHABILITATION SECTION

NTS

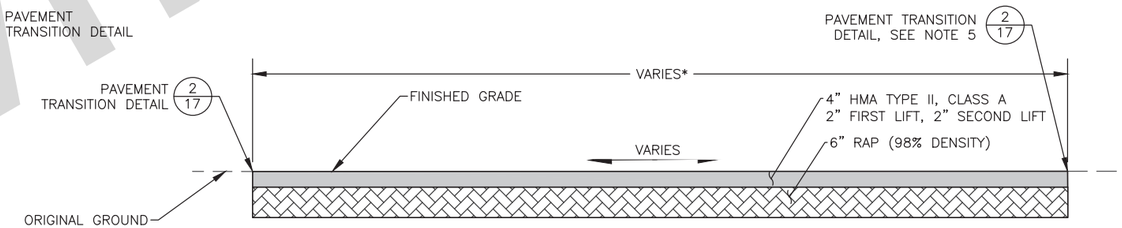
TL E: STA 146+16.71 TO STA 152+67.24



3 / 15 GATE N8 RECONSTRUCTION SECTION

NTS

TL E: STA 144+81.71 TO STA 146+76.69



4 / 15 APRON RECONSTRUCTION SECTION

NTS

TL E: STA 154+13.44 TO STA 158+46.71

NOTES:

1. DIMENSIONS ARE MIRRORED ABOUT THE CENTERLINE (SHOWN ON RIGHT SIDE ONLY FOR CLARITY).
2. ALL PAVEMENT CUTS SHALL BE MADE WITH A SAW AND PROTECTED FROM DAMAGE.
3. STE-1 TACK COAT REQUIRED BETWEEN ALL PAVEMENT LIFTS AND ON TRANSVERSE JOINTS.
4. DENSITY CALLOUTS IN THE TYPICAL SECTIONS REPRESENT THE REQUIRED MINIMUM PERCENT OF THE MAXIMUM DENSITY.
5. MATCH EXISTING AT LOCATIONS WHERE EXISTING SURFACE IS RAP.
6. TRANSITION PER DETAIL 6, SHEET 18 WHEN PAVING AGAINST EXISTING CONCRETE.

* DIMENSIONS VARY, SEE GRADING SHEETS

** MAXIMUM CROSS SLOPE SHALL BE 1.5%, SEE GRADING SHEETS.

Designed By: MH
Drawn By: CM
Checked By: SB

Date Revised:
Layout Name: 15
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 civil\00675-ANC-Typical Sections.dwg

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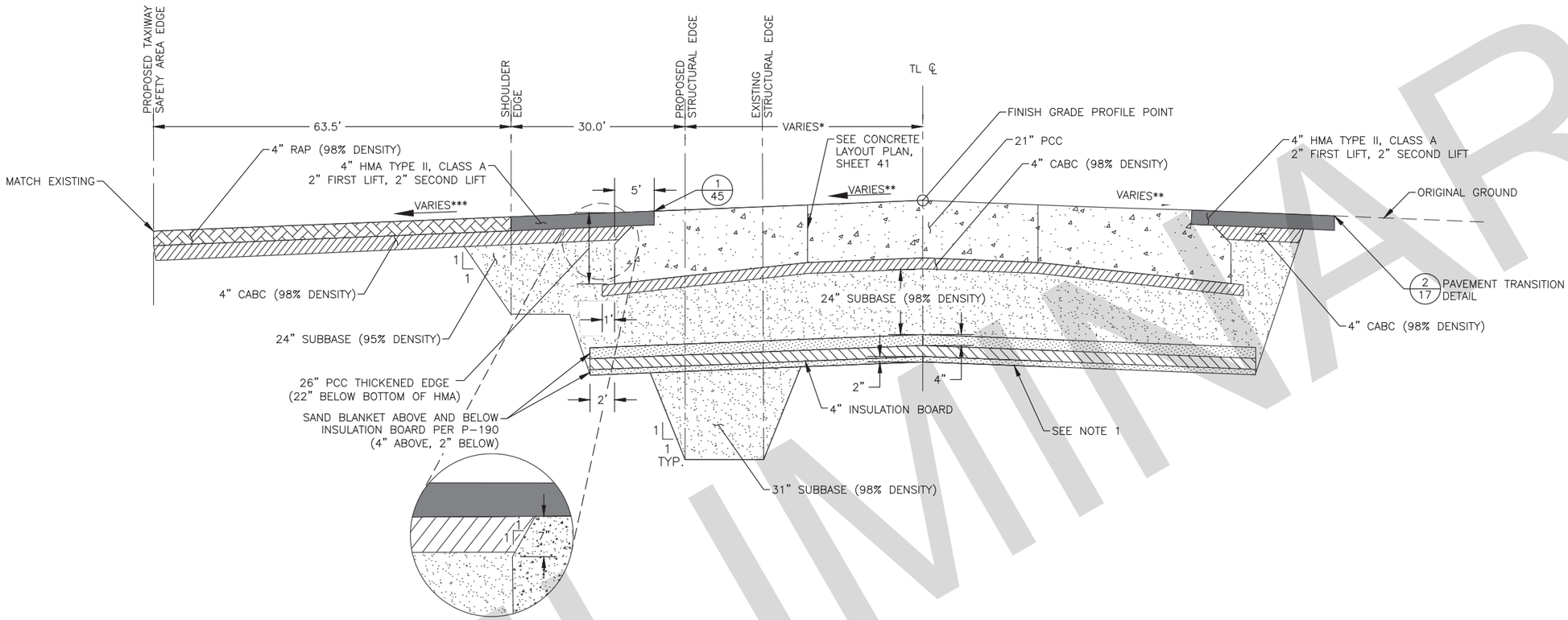
PROJECT No. CFAPT00675
AIP No: 3-02-0016-XXX-2021
TYPICAL SECTIONS

DATE: SEPTEMBER 2021

SHEET: 15 OF 74



1/16 PCC STRUCTURAL SECTION

NTS

TL E: STA. 127+54.48 TO STA. 130+23.48
TL E1: STA. 204+18.21 TO STA. 207+47.56

NOTES:

1. COMPACT SUBGRADE BELOW THE STRUCTURAL SECTION TO A DEPTH OF 6" @ 95% DENSITY.
2. DIMENSIONS ARE MIRRORED ABOUT THE CENTERLINE (SHOWN ON RIGHT SIDE ONLY FOR CLARITY).
3. ALL PAVEMENT CUTS SHALL BE MADE WITH A SAW AND PROTECTED FROM DAMAGE.
4. STE-1 TACK COAT REQUIRED BETWEEN ALL PAVEMENT LIFTS AND ON TRANSVERSE JOINTS.
5. DENSITY CALLOUTS IN THE TYPICAL SECTIONS REPRESENT THE REQUIRED MINIMUM PERCENT OF THE MAXIMUM DENSITY.
6. SEE PLAN AND PROFILE SHEETS AND GRADING PLANS FOR WIDTH OF TAXIWAY STRUCTURAL PAVEMENT AND SHOULDERS, AND SPECIAL SLOPE REQUIREMENTS.
7. EXCAVATIONS SHALL BE MAINTAINED TO BE WELL DRAINED AT ALL TIMES. DO NOT ALLOW SURFACE WATER TO COLLECT AND SATURATE THE SUBGRADE (SEE SPECIFICATION SUBSECTION P-152-3.2)

* DIMENSIONS VARY, SEE GRADING SHEETS

** MAXIMUM CROSS SLOPE SHALL BE 1.5%, SEE GRADING SHEETS.

*** MAXIMUM CROSS SLOPE SHALL BE 5%, SEE GRADING SHEETS.

SHEET LEGEND:

- PCC
- HMA TYPE V, CLASS S
- HMA TYPE II, CLASS A
- CABC
- SUBBASE
- RIGID INSULATION BOARD AND SAND BLANKET
- RAP

Designed By: MH
Drawn By: KY
Checked By: SB

Date Revised: 9/2/2021 4:29 PM
Layout Name: 16
File Path and Name: J:\Jobs\Data\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-PCC Structual Typical Section.dwg

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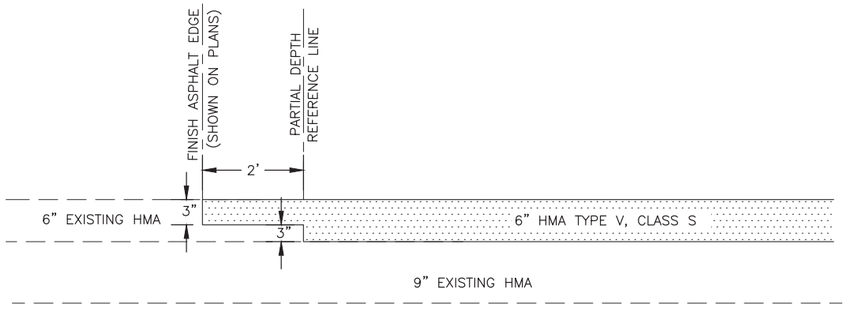
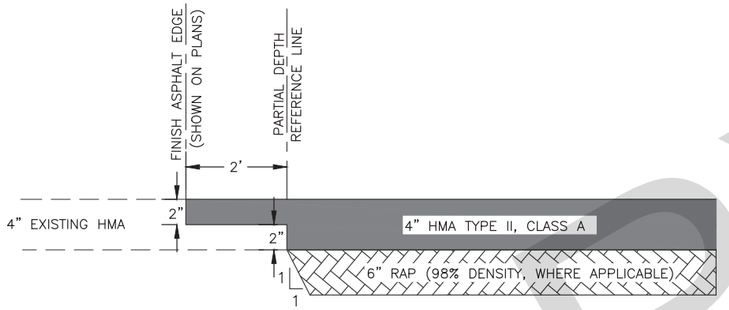
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
TYPICAL SECTIONS

DATE: SEPTEMBER 2021



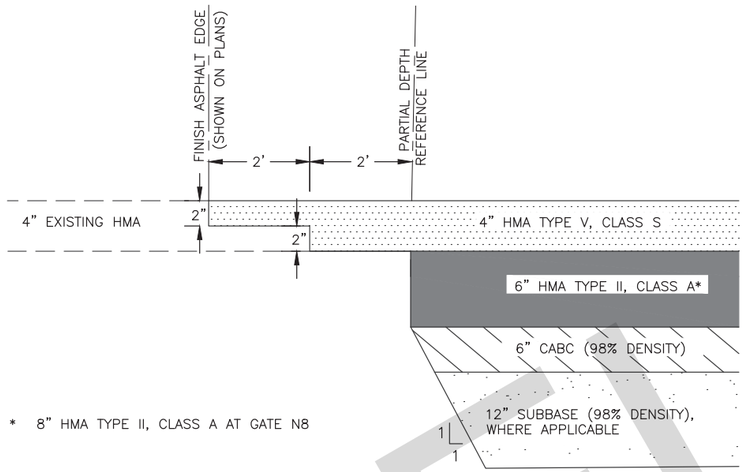
1/17 SECTION: EXISTING TO PARTIAL DEPTH DETAIL

NTS



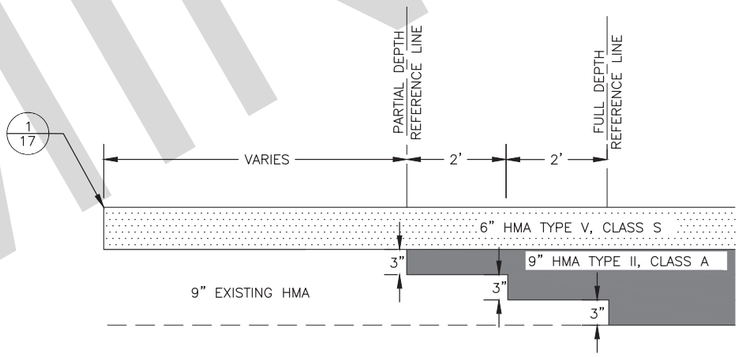
2/17 SECTION: EXISTING TO FULL DEPTH APRON DETAIL

NTS



3/17 SECTION: EXISTING TO FULL DEPTH DETAIL

NTS



4/17 PARTIAL DEPTH TO FULL DEPTH DETAIL

NTS

SHEET LEGEND:

- HMA TYPE V CLASS S
- HMA TYPE II CLASS A
- CABC
- SUBBASE
- RAP

NOTES:

1. ALL PAVEMENT CUTS SHALL BE MADE WITH A SAW OR ALTERNATIVE METHOD APPROVED BY THE ENGINEER.
2. APPLY JOINT ADHESIVE BETWEEN ALL NEW AND EXISTING ASPHALT JOINTS, AND BETWEEN ALL NEW ASPHALT AND EXISTING CONCRETE.
3. STE-1 TACK COAT REQUIRED BETWEEN ALL PAVEMENT LIFTS AND ON TRAVERSE JOINTS.
4. DENSITY CALLOUTS IN THE TYPICAL SECTIONS REPRESENT THE REQUIRED MINIMUM PERCENT OF THE MAXIMUM DENSITY.

PLANS DEVELOPED BY:
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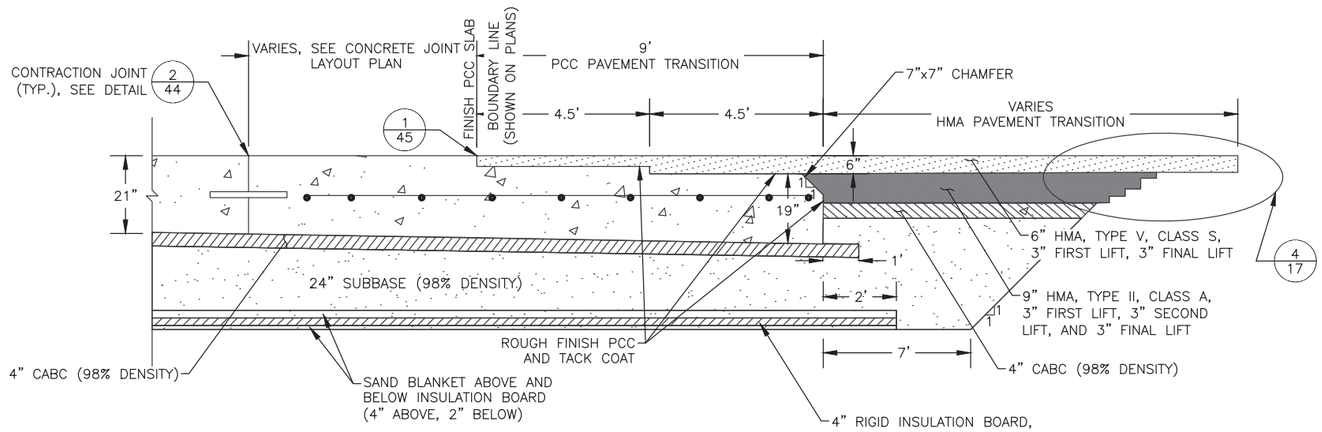
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
SECTION TRANSITION DETAILS

DATE: SEPTEMBER 2021

SHEET: 17 OF 74

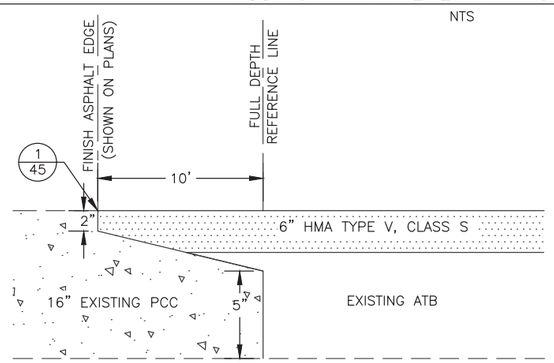
Designed By: MH
Drawn By: KY
Checked By: SB

Date Revised: 9/2/2021 6:43 PM
Layout Name: 17
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Transition Details.dwg



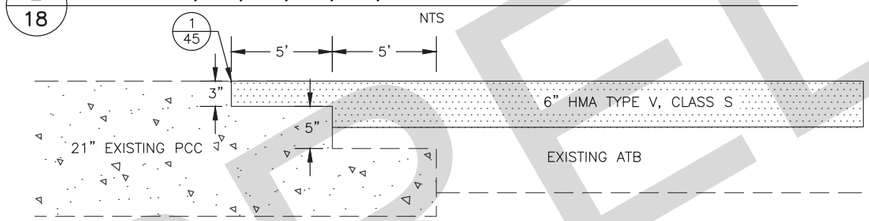
1/18 PCC TO HMA PAVEMENT TRANSITION SECTION

NTS



2/18 GATES B2, B4, B6, B8, N4, & N6 EXISTING PCC TO HMA DETAIL

NTS

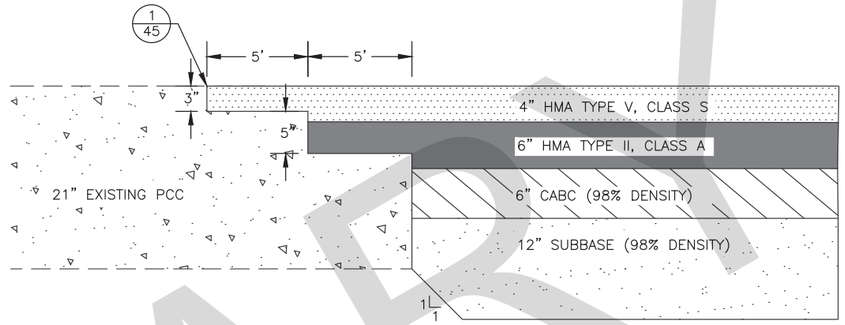


3/18 C1, C2, & C3 EXISTING PCC TO HMA DETAIL

NTS

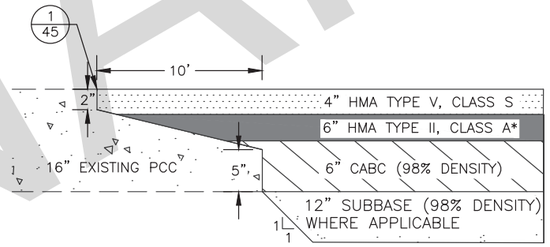
SHEET LEGEND:

- PCC
- HMA TYPE V, CLASS S
- HMA TYPE II, CLASS A
- CABC
- SUBBASE
- RIGID INSULATION BOARD AND SAND BLANKET



4/18 GATE C8 & C9 EXISTING PCC TO HMA DETAIL

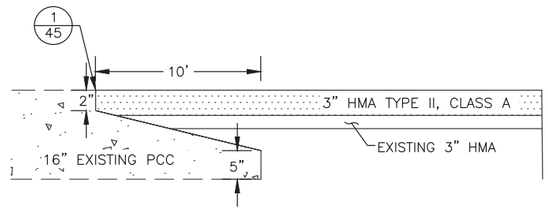
NTS



* 8" HMA TYPE II, CLASS A AT GATE N8

5/18 GATE N2 & N8 EXISTING PCC TO HMA DETAIL

NTS



6/18 GATE N7 EXISTING PCC TO HMA DETAIL

NTS

NOTES:

1. ALL PAVEMENT CUTS SHALL BE MADE WITH A SAW OR ALTERNATIVE METHOD APPROVED BY THE ENGINEER.
2. APPLY JOINT ADHESIVE BETWEEN ALL NEW AND EXISTING ASPHALT JOINTS, AND BETWEEN ALL NEW ASPHALT AND EXISTING CONCRETE.
3. STE-1 TACK COAT REQUIRED BETWEEN ALL PAVEMENT LIFTS AND ON TRAVERSE JOINTS.
4. DENSITY CALLOUTS IN THE TYPICAL SECTIONS REPRESENT THE REQUIRED MINIMUM PERCENT OF THE MAXIMUM DENSITY.
5. EXCAVATIONS SHALL BE MAINTAINED TO BE WELL DRAINED AT ALL TIMES. DO NOT ALLOW SURFACE WATER TO COLLECT AND SATURATE THE SUBGRADE (SEE SPECIFICATION SUBSECTION P-152-3.2)

PLANS DEVELOPED BY:
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ANCHORAGE, ALASKA 99503
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TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
SECTION TRANSITION DETAILS

DATE: SEPTEMBER 2021

SHEET: 18 OF 74

Designed By: MH
Drawn By: KY
Checked By: SB

Date Revised: 9/2/2021 6:43 PM
Layout Name: 18
File Path and Name: J:\Jobs\Data\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Transition Details.dwg

SITE PLAN POINTS			
NUMBER	ALIGNMENT	STATION	OFFSET (FT)
601	TAXILANE E1	202+43.37	44.6 LT
602	TAXILANE E1	202+43.42	46.6 LT
603	TAXILANE E1	202+44.06	74.1 LT
604	TAXILANE E1	202+58.45	73.8 LT
605	TAXILANE E1	204+22.08	78.6 LT
606	TAXILANE E1	206+17.69	107.7 LT
607	TAXILANE E1	206+36.05	123.8 LT
608	TAXILANE E1	206+08.31	144.4 LT
609	TAXILANE E1	206+21.73	162.5 LT
610	TAXILANE E1	206+53.33	139.0 LT
611	TAXILANE E1	206+68.51	152.3 LT
612	TAXILANE E1	206+94.56	204.5 LT
613	TAXILANE E1	207+19.27	186.8 LT
614	TAXILANE E1	206+95.87	139.9 LT
615	TAXILANE E1	206+89.03	130.7 LT
616	TAXILANE E1	206+66.01	137.6 LT
617	TAXILANE E1	206+56.25	105.0 LT
618	TAXILANE E1	206+41.88	109.3 LT
619	TAXILANE E1	206+35.28	87.3 LT
620	TAXILANE E1	205+63.21	99.0 LT
621	TAXILANE E1	205+63.21	78.0 LT
622	TAXILANE E1	205+19.21	78.0 LT
623	TAXILANE E1	205+19.21	69.0 LT
624	TAXILANE E1	204+76.21	69.0 LT
625	TAXILANE E1	204+76.21	60.0 LT
626	TAXILANE E1	204+42.21	60.0 LT
627	TAXILANE E1	204+42.21	52.2 LT
628	TAXILANE E1	204+25.68	48.7 LT
629	TAXILANE E1	202+58.54	43.8 LT
630	TAXILANE E1	202+48.29	39.5 RT
631	TAXILANE E1	202+57.91	38.4 RT
632	TAXILANE E1	202+72.73	37.5 RT
633	TAXILANE E1	204+42.21	37.5 RT
634	TAXILANE E1	204+42.21	38.0 RT
635	TAXILANE E1	205+83.22	39.9 RT
636	TAXILANE E1	205+84.52	36.8 RT
637	TAXILANE E1	205+90.90	42.1 RT
638	TAXILANE E1	205+70.51	101.7 RT
639	TAXILANE E1	205+68.85	105.8 RT
640	TAXILANE E1	205+67.39	111.2 RT
641	TAXILANE E1	205+66.58	110.0 RT

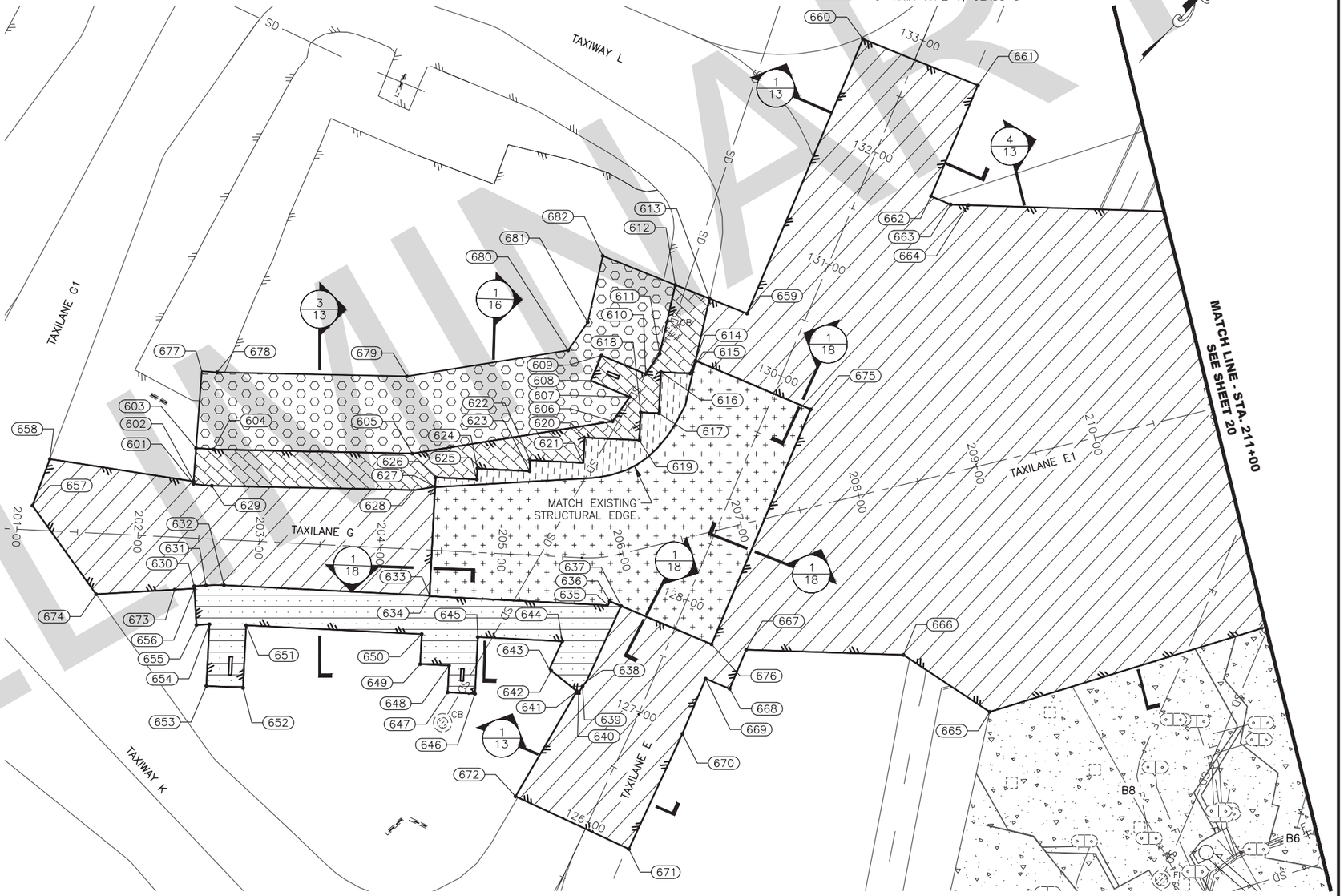
SITE PLAN POINTS			
NUMBER	ALIGNMENT	STATION	OFFSET (FT)
642	TAXILANE E1	205+45.45	94.2 RT
643	TAXILANE E1	205+43.77	93.0 RT
644	TAXILANE E1	205+53.18	69.5 RT
645	TAXILANE E1	204+83.62	69.5 RT
646	TAXILANE E1	204+83.62	116.3 RT
647	TAXILANE E1	204+61.12	116.3 RT
648	TAXILANE E1	204+61.12	94.2 RT
649	TAXILANE E1	204+37.35	94.2 RT
650	TAXILANE E1	204+37.35	69.5 RT
651	TAXILANE E1	202+92.60	69.5 RT
652	TAXILANE E1	202+92.60	121.0 RT
653	TAXILANE E1	202+62.38	121.0 RT
654	TAXILANE E1	202+62.38	70.2 RT
655	TAXILANE E1	202+51.73	71.3 RT
656	TAXILANE E1	202+48.49	41.5 RT
657	TAXILANE E1	201+11.94	20.0 LT
658	TAXILANE E1	201+24.30	59.0 LT
659	TAXILANE E1	207+46.32	167.5 LT
660	TAXILANE E1	208+92.82	364.2 LT
661	TAXILANE E1	209+75.67	304.7 LT
662	TAXILANE E1	209+16.49	225.2 LT
663	TAXILANE E1	209+30.59	214.7 LT
664	TAXILANE E1	209+44.56	210.8 LT
665	TAXILANE E1	208+62.26	198.7 RT
666	TAXILANE E1	208+04.55	136.2 RT
667	TAXILANE E1	206+79.73	101.2 RT
668	TAXILANE E1	206+58.85	129.2 RT
669	TAXILANE E1	206+41.60	116.4 RT
670	TAXILANE E1	206+12.18	155.9 RT
671	TAXILANE E1	205+81.78	241.3 RT
672	TAXILANE E1	205+21.26	199.0 RT
673	TAXILANE E1	202+32.34	43.2 RT
674	TAXILANE E1	201+67.91	50.2 RT
675	TAXILANE E1	207+78.51	78.4 LT
676	TAXILANE E1	206+53.11	90.0 RT
677	TAXILANE E1	202+45.53	137.6 LT
678	TAXILANE E1	202+58.25	137.3 LT
679	TAXILANE E1	204+14.46	141.9 LT
680	TAXILANE E1	205+45.96	170.0 LT
681	TAXILANE E1	206+17.26	191.8 LT
682	TAXILANE E1	206+42.25	241.8 LT

NOTES:

1. REFER TO TYPICAL SECTIONS, SHEETS 13–16.
2. SEE DEMOLITION SHEETS 8–12 FOR LIMITS OF PAVEMENT COLD PLANING, EXCAVATION OF PAVEMENT, AND UNCLASSIFIED EXCAVATION.
3. SEE GRADING SHEETS 28–32 FOR FINISHED GRADE ELEVATIONS.
4. SEE SHEET 46 FOR CONCRETE LAYOUT PLAN.

LEGEND:

- EXISTING CONCRETE TO REMAIN
- CONCRETE INTERSECTION: 21" PCC PAVEMENT, 4" CABC, 24" SUBBASE, 4" INSULATION BOARD & 6" SAND BLANKET
- CONCRETE INTERSECTION WITH WIDENING: 21" PCC PAVEMENT, 4" CABC, 55" SUBBASE, 4" INSULATION BOARD & 6" SAND BLANKET
- SHOULDER RECONSTRUCTION: 4" HMA TYPE II, CLASS A, 4" CABC, 24" SUBBASE
- SAFETY AREA REHABILITATION: 4" RAP, 4" CABC
- SHOULDER PAVEMENT REHABILITATION: 4" HMA TYPE II, CLASS A
- STRUCTURAL PAVEMENT REHABILITATION: 6" HMA TYPE V, CLASS S



Designed By:	MH
Drawn By:	CM
Checked By:	SB
Date Revised:	9/2/2021 2:28 PM
Layout Name:	19
File Path and Name:	J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Site Plan.dwg

PLANS DEVELOPED BY:
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PROJECT No. CFAPT00675
AIP No: 3-02-0016-XXX-2021
TL E1 SITE PLAN – STA 200+00 TO STA 211+00

DATE: SEPTEMBER 2021
SHEET: 19 OF 74

NOTES:

1. REFER TO TYPICAL SECTIONS, SHEETS 13–16.
2. SEE DEMOLITION SHEETS 8–12 FOR LIMITS OF PAVEMENT COLD PLANING, EXCAVATION OF PAVEMENT, AND UNCLASSIFIED EXCAVATION.
3. SEE GRADING SHEETS 28–32 FOR FINISHED GRADE ELEVATIONS.
4. APPLY JOINT ADHESIVE TO EXISTING CONCRETE PRIOR TO PAVING FINAL ASPHALT LIFT.

LEGEND:

EXISTING CONCRETE TO REMAIN

STRUCTURAL PAVEMENT REHABILITATION:
6" HMA TYPE V, CLASS S

SITE PLAN POINTS			
NUMBER	ALIGNMENT	STATION	OFFSET (FT)
701	TAXILANE E	133+86.28	597.7 RT
702	TAXILANE E	134+18.19	597.7 RT
703	TAXILANE E	134+18.28	617.7 RT
704	TAXILANE E	133+93.97	617.7 RT
705	TAXILANE E	134+56.72	780.8 RT
706	TAXILANE E	132+17.82	780.6 RT
707	TAXILANE E	132+17.82	805.6 RT
708	TAXILANE E	130+61.58	805.4 RT
709	TAXILANE E	130+61.62	836.9 RT
710	TAXILANE E	130+42.77	855.4 RT
711	TAXILANE E	130+01.87	855.4 RT
712	TAXILANE E	129+78.01	686.8 RT
713	TAXILANE E	130+33.04	529.1 RT

50' 25' 0 50' 100'

Designed By: MH
Drawn By: CM
Checked By: SB

Date Revised: 9/2/2021 2:28 PM
Layout Name: 20
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Site Plan.dwg

PLANS DEVELOPED BY:
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

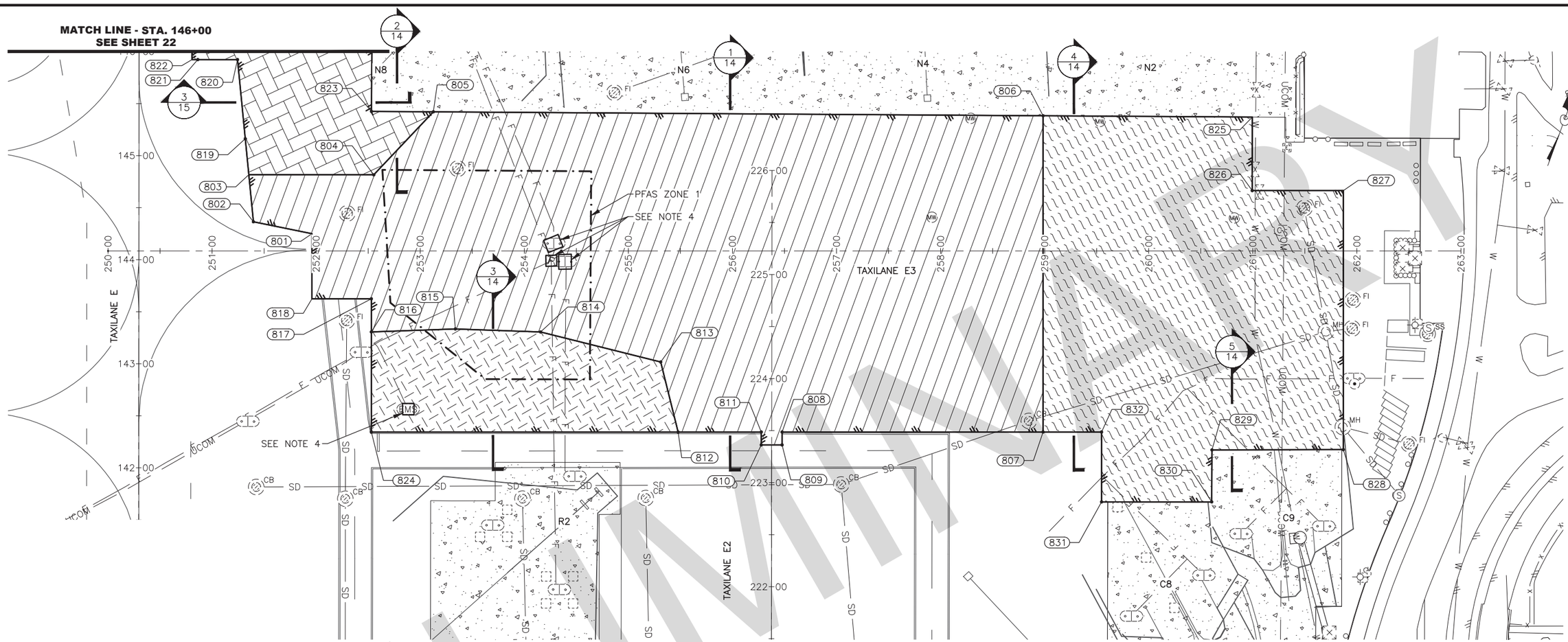
BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No: 3-02-0016-XXX-2021
TL E1 SITE PLAN – STA 211+00 TO STA 216+00

DATE: SEPTEMBER 2021

SHEET: 20 OF 74



SITE PLAN POINTS			
NUMBER	ALIGNMENT	STATION	OFFSET (FT)
801	TAXILANE E3	251+96.01	16.6 LT
802	TAXILANE E3	251+39.73	28.0 LT
803	TAXILANE E3	251+35.30	73.2 LT
804	TAXILANE E3	252+55.36	73.2 LT
805	TAXILANE E3	253+12.61	133.7 LT
806	TAXILANE E3	258+98.50	129.9 LT
807	TAXILANE E3	258+98.50	174.0 RT
808	TAXILANE E3	256+47.72	174.0 RT
809	TAXILANE E3	256+47.70	186.4 RT
810	TAXILANE E3	256+27.70	186.4 RT
811	TAXILANE E3	256+27.72	174.0 RT
812	TAXILANE E3	255+47.80	174.0 RT
813	TAXILANE E3	255+31.06	106.7 RT
814	TAXILANE E3	254+15.65	77.9 RT
815	TAXILANE E3	253+33.73	75.0 RT
816	TAXILANE E3	252+53.05	77.8 RT
817	TAXILANE E3	252+53.05	46.0 RT
818	TAXILANE E3	251+95.97	46.0 RT
819	TAXILANE E3	251+31.91	107.8 LT
820	TAXILANE E3	251+24.46	183.8 LT

SITE PLAN POINTS			
NUMBER	ALIGNMENT	STATION	OFFSET (FT)
821	TAXILANE E3	250+86.26	183.9 LT
822	TAXILANE E3	250+80.74	183.9 LT
823	TAXILANE E3	252+53.18	134.1 LT
824	TAXILANE E3	252+53.05	174.0 RT
825	TAXILANE E3	260+99.54	128.6 LT
826	TAXILANE E3	260+99.44	58.0 LT
827	TAXILANE E3	261+87.04	58.0 LT
828	TAXILANE E3	261+87.04	190.9 RT
829	TAXILANE E3	260+60.76	191.2 RT
830	TAXILANE E3	260+60.50	241.2 RT
831	TAXILANE E3	259+54.68	241.2 RT
832	TAXILANE E3	259+54.68	174.0 RT

NOTES:

1. REFER TO TYPICAL SECTIONS, SHEETS 13–16.
2. SEE DEMOLITION SHEETS 8–12 FOR LIMITS OF PAVEMENT COLD PLANING, EXCAVATION OF PAVEMENT, AND UNCLASSIFIED EXCAVATION.
3. SEE GRADING SHEETS 28–32 FOR FINISHED GRADE ELEVATIONS.
4. APPLY JOINT ADHESIVE TO EXISTING CONCRETE PRIOR TO PAVING FINAL ASPHALT LIFT

LEGEND:

- EXISTING CONCRETE TO REMAIN
- GATE N8 STRUCTURAL PAVEMENT RECONSTRUCTION:
  4" HMA TYPE V, CLASS S
  8" HMA TYPE II, CLASS A
  6" CABC
- STRUCTURAL PAVEMENT REHABILITATION:
  6" HMA TYPE V, CLASS S
- NON–STRUCTURAL PAVEMENT REHABILITATION:
  3" HMA TYPE V, CLASS S
- TAXILANE E3 RECONSTRUCTION:
  4" HMA TYPE V, CLASS S
  6" HMA TYPE II, CLASS A
  6" CABC
  12" SUBBASE

50' 25' 0 50' 100'

Designed By: MH
Drawn By: CM
Checked By: SB

Date Revised:
Layout Name: 9/2/2021 2:28 PM 21
File Path and Name: J:\Jobs\Data\30118.00 ANC TL E1, E3, And E–G intersection\00 CADD 2019\01 Working Set\01 Civil\00675–ANC–Site Plan.dwg

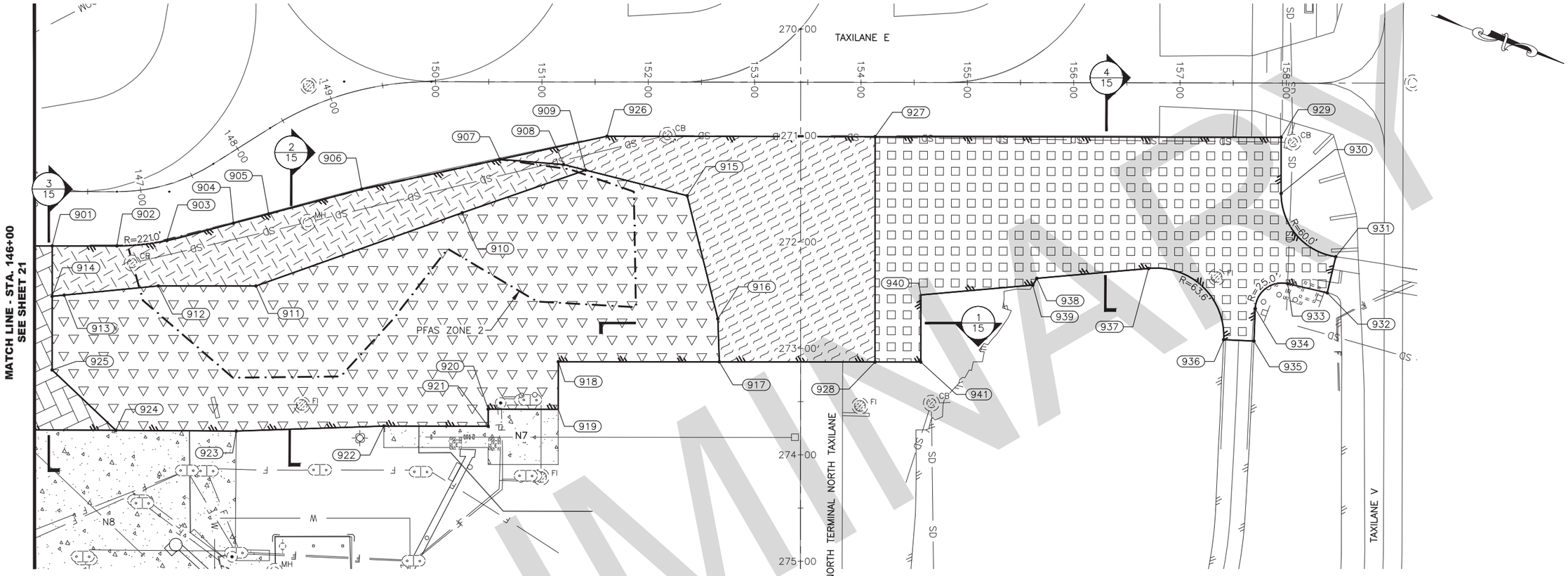
PLANS DEVELOPED BY:
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562–3252
#AECL882–AK

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3–02–0016–XXX–2021
TL E3 SITE PLAN – STA 250+00 TO STA 263+00

DATE: SEPTEMBER 2021
SHEET: 21 OF 74



SITE PLAN POINTS			
NUMBER	ALIGNMENT	STATION	OFFSET (FT)
901	TAXILANE E	146+16.71	51.0 RT
902	TAXILANE E	146+77.54	51.0 RT
903	TAXILANE E	147+14.02	51.0 RT
904	TAXILANE E	147+62.94	57.7 RT
905	TAXILANE E	147+92.17	67.5 RT
906	TAXILANE E	148+98.67	89.8 RT
907	TAXILANE E	150+60.80	72.9 RT
908	TAXILANE E	151+20.55	77.7 RT
909	TAXILANE E	151+41.28	82.9 RT
910	TAXILANE E	150+25.30	123.1 RT
911	TAXILANE E	147+57.18	119.7 RT
912	TAXILANE E	147+03.00	91.4 RT
913	TAXILANE E	146+27.99	97.2 RT
914	TAXILANE E	146+16.71	98.3 RT
915	TAXILANE E	152+36.75	106.7 RT

SITE PLAN POINTS			
NUMBER	ALIGNMENT	STATION	OFFSET (FT)
916	TAXILANE E	152+65.76	222.2 RT
917	TAXILANE E	152+67.24	262.8 RT
918	TAXILANE E	151+15.86	262.9 RT
919	TAXILANE E	151+15.88	307.6 RT
920	TAXILANE E	150+49.94	307.6 RT
921	TAXILANE E	150+49.97	323.6 RT
922	TAXILANE E	147+77.63	293.9 RT
923	TAXILANE E	147+24.66	240.5 RT
924	TAXILANE E	146+76.69	224.2 RT
925	TAXILANE E	146+16.71	167.5 RT
926	TAXILANE E	151+61.33	51.0 RT
927	TAXILANE E	154+13.44	51.0 RT
928	TAXILANE E	154+13.68	262.7 RT
929	TAXILANE E	157+95.17	51.0 RT
930	TAXILANE E	157+95.22	103.8 RT

SITE PLAN POINTS			
NUMBER	ALIGNMENT	STATION	OFFSET (FT)
931	TAXILANE E	158+46.71	163.1 RT
932	TAXILANE E	158+38.71	197.1 RT
933	TAXILANE E	158+01.60	188.6 RT
934	TAXILANE E	157+71.04	212.0 RT
935	TAXILANE E	157+69.87	242.5 RT
936	TAXILANE E	157+41.38	241.2 RT
937	TAXILANE E	156+70.75	174.5 RT
938	TAXILANE E	155+65.69	183.9 RT
939	TAXILANE E	155+61.90	190.2 RT
940	TAXILANE E	154+56.61	199.6 RT
941	TAXILANE E	154+56.68	262.7 RT

NOTES:

1. REFER TO TYPICAL SECTIONS, SHEETS 13–16.
2. SEE DEMOLITION SHEETS 8–12 FOR LIMITS OF PAVEMENT COLD PLANING, EXCAVATION OF PAVEMENT, AND UNCLASSIFIED EXCAVATION.
3. SEE GRADING SHEETS 28–32 FOR FINISHED GRADE ELEVATIONS.

LEGEND:

- EXISTING CONCRETE TO REMAIN
- GATE N8 STRUCTURAL PAVEMENT RECONSTRUCTION:
  4" HMA TYPE V, CLASS S
  8" HMA TYPE II, CLASS A
  6" CABC
- NON–STRUCTURAL PAVEMENT REHABILITATION:
  3" HMA TYPE V, CLASS S
- APRON PAVEMENT REHABILITATION:
  3" HMA TYPE II, CLASS A
- NORTH TERMINAL NORTH TAXILANE RECONSTRUCTION:
  4" HMA TYPE V, CLASS S
  6" HMA TYPE II, CLASS A
  6" CABC
- APRON PAVEMENT RECONSTRUCTION:
  4" HMA TYPE II, CLASS A
  6" RAP

50' 25' 0 50' 100'

Designed By: MH
Drawn By: CM
Checked By: SB

Date Revised: 9/2/2021 2:28 PM
Layout Name: 22
File Path and Name: J:\Jobs\Data\30118.00 ANC TL E1, E3, And E–G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675–ANC–Site Plan.dwg

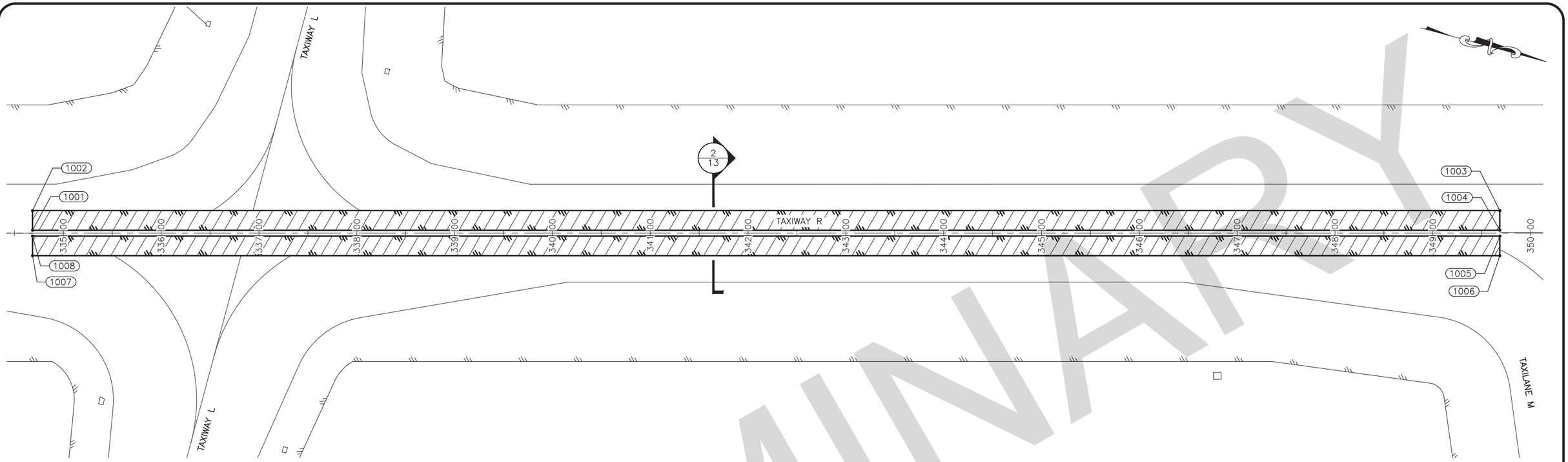
PLANS DEVELOPED BY:
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562–3252
#AECL882–AK

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3–02–0016–XXX–2021
TL E SITE PLAN – STA 146+00 TO STA 158+50

DATE: SEPTEMBER 2021
SHEET: 22 OF 74



SITE PLAN POINTS			
NUMBER	ALIGNMENT	STATION	OFFSET (FT)
1001	TAXILANE E	132+67.06	1315.5 LT
1002	TAXILANE E	132+68.79	1335.5 LT
1003	TAXILANE E	149+53.19	1117.9 LT
1004	TAXILANE E	149+52.22	1098.4 LT
1005	TAXILANE E	149+51.93	1092.6 LT
1006	TAXILANE E	149+50.93	1073.2 LT
1007	TAXILANE E	132+64.81	1289.6 LT
1008	TAXILANE E	132+66.54	1309.6 LT

NOTES:

1. REFER TO TYPICAL SECTIONS, SHEETS 13–16.
2. SEE DEMOLITION SHEETS 8–12 FOR LIMITS OF PAVEMENT COLD PLANING, EXCAVATION OF PAVEMENT, AND UNCLASSIFIED EXCAVATION.
3. SEE GRADING SHEETS 28–32 FOR FINISHED GRADE ELEVATIONS.

LEGEND:

STRUCTURAL PAVEMENT REHABILITATION:
6" HMA TYPE V, CLASS S

50' 25' 0 50' 100'

Designed By: MH
Drawn By: CM
Checked By: SB

Date Revised: 9/2/2021 2:28 PM
Layout Name: 23
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Site Plan.dwg

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CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

BY	DATE	REVISION

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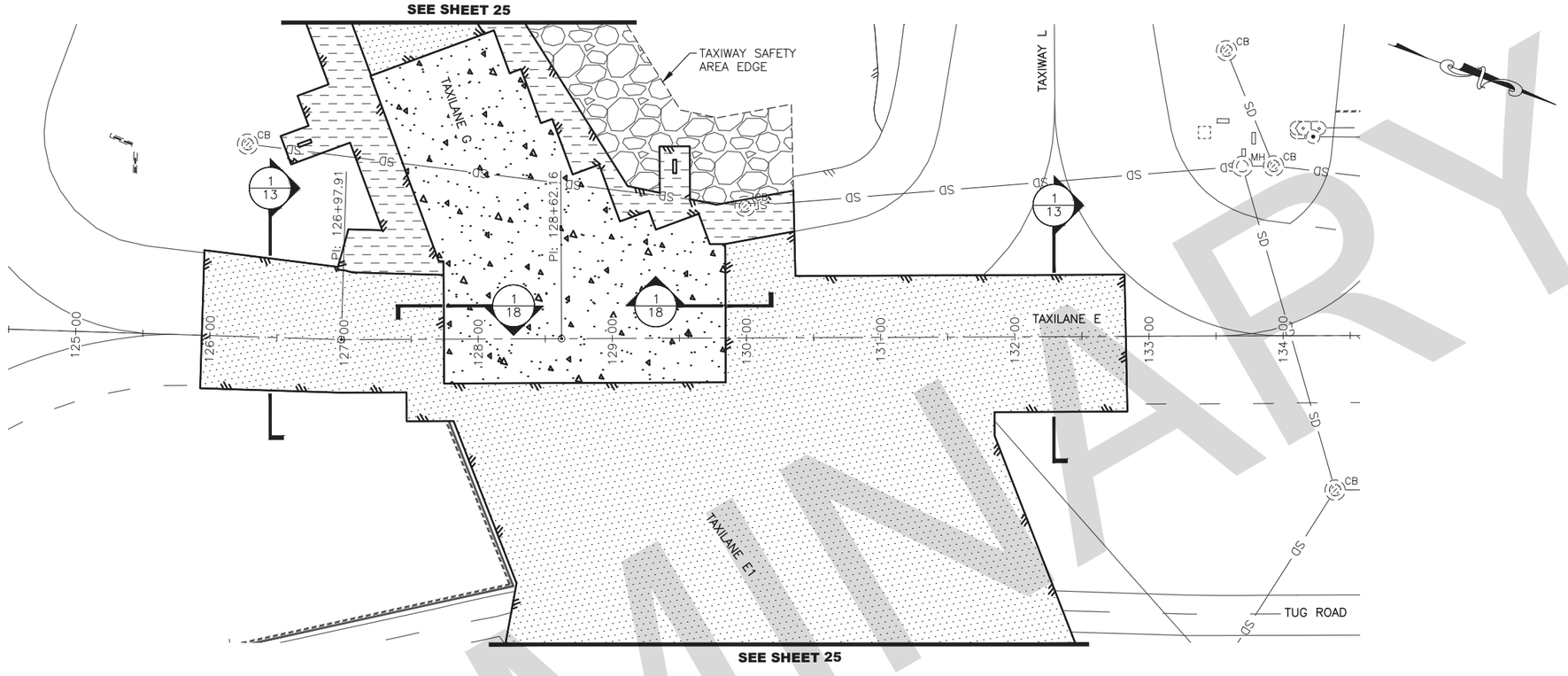
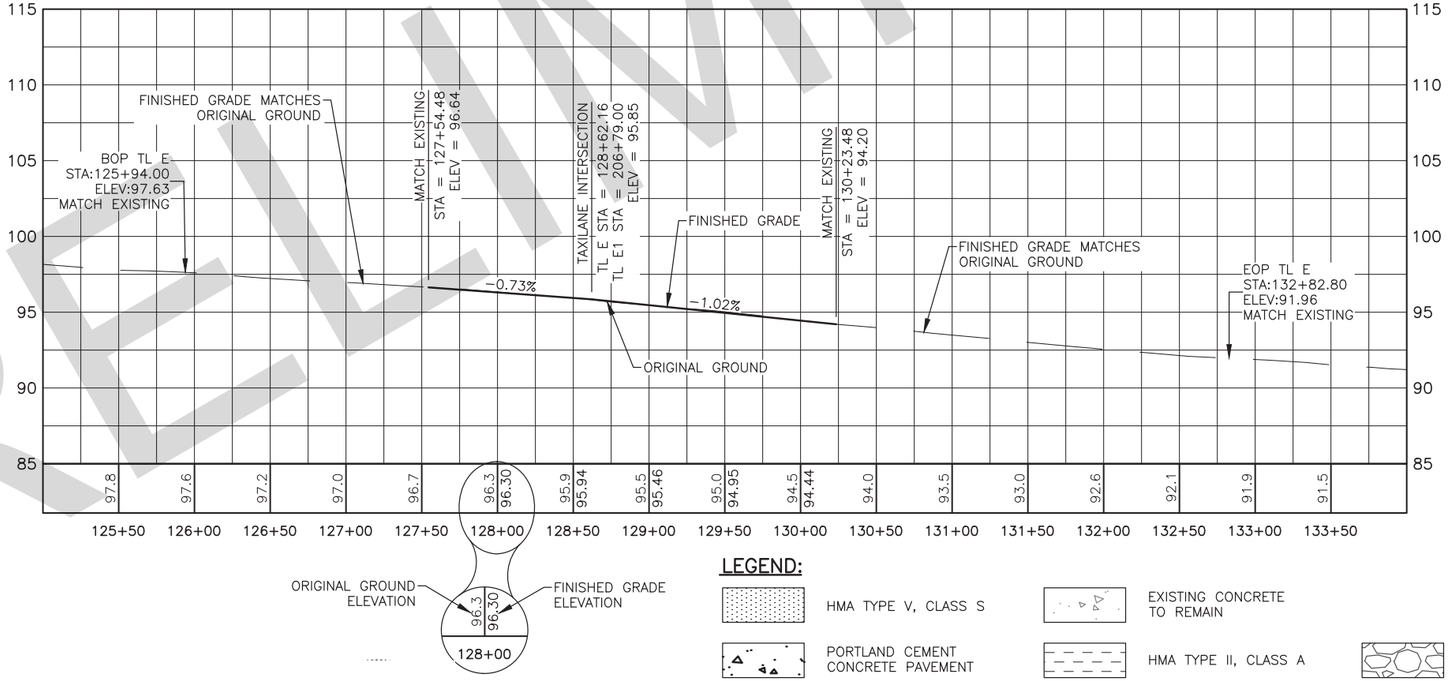
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
TW R SITE PLAN – STA 334+00 TO STA 350+00

DATE: SEPTEMBER 2021





NOTES:

1. SEE SHEETS 8–12 FOR LIMITS OF ASPHALT REMOVAL.
2. SEE SHEETS 28–32 FOR GRADING.
3. SEE SHEET 41 FOR CONCRETE LAYOUT PLAN.
4. SEE SHEETS 49–54 FOR PAVEMENT MARKING WORK.
5. SEE SHEETS E4–E10 FOR LIGHTING WORK.

LEGEND:

- HMA TYPE V, CLASS S
- EXISTING CONCRETE TO REMAIN
- PORTLAND CEMENT CONCRETE PAVEMENT
- HMA TYPE II, CLASS A
- RAP

50' 25' 0 50' 100'

HORIZONTAL TO VERTICAL SCALE RATIO 1:10

Designed By: MH
Drawn By: EH
Checked By: SB

Date Revised:
Layout Name: 9/3/2021 12:33 PM
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Plan & Profile.dwg 24

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ANCHORAGE, ALASKA 99503
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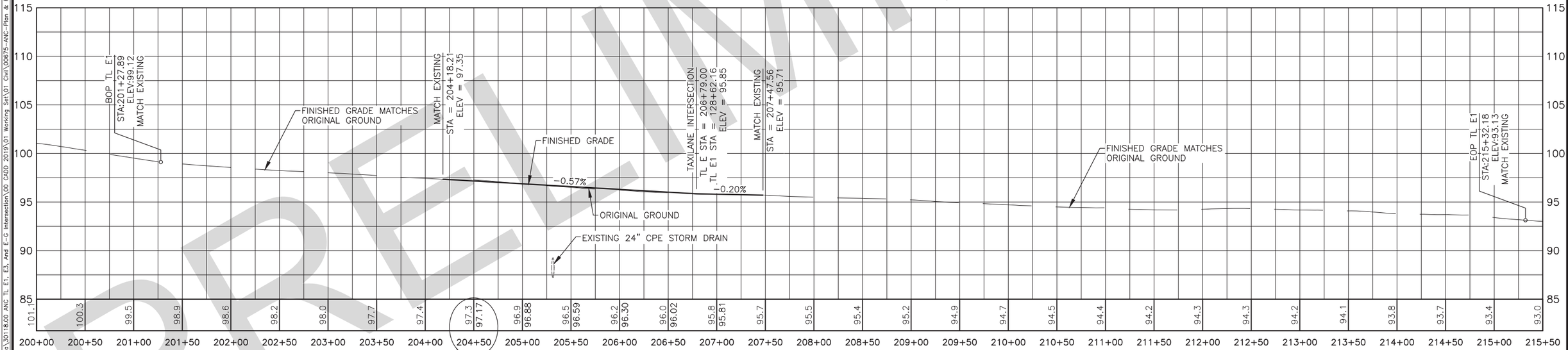
BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
TL E PLAN & PROFILE – STA 125+00 TO STA 134+00

DATE: SEPTEMBER 2021



ORIGINAL GROUND ELEVATION — 97.3 / 97.17 — FINISHED GRADE ELEVATION
204+50

NOTES:

1. SEE SHEETS 8–12 FOR LIMITS OF ASPHALT REMOVAL.
2. SEE SHEETS 28–32 FOR GRADING.
3. SEE SHEET 41 FOR CONCRETE LAYOUT PLAN.
4. SEE SHEETS 49–54 FOR PAVEMENT MARKING WORK.
5. SEE SHEETS E4–E10 FOR LIGHTING WORK.

50' 25' 0 50' 100'
HORIZONTAL TO VERTICAL SCALE RATIO 1:10

LEGEND:

- HMA TYPE V, CLASS S
- EXISTING CONCRETE TO REMAIN
- PORTLAND CEMENT CONCRETE PAVEMENT
- HMA TYPE II, CLASS A
- RAP

Designed By: MH
Drawn By: EH
Checked By: SB
Date Revised: 9/3/2021 12:33 PM
Layout Name: 25
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Plan & Profile.dwg

PLANS DEVELOPED BY:
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3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
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BY	DATE	REVISION

STATE OF ALASKA
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CENTRAL REGION
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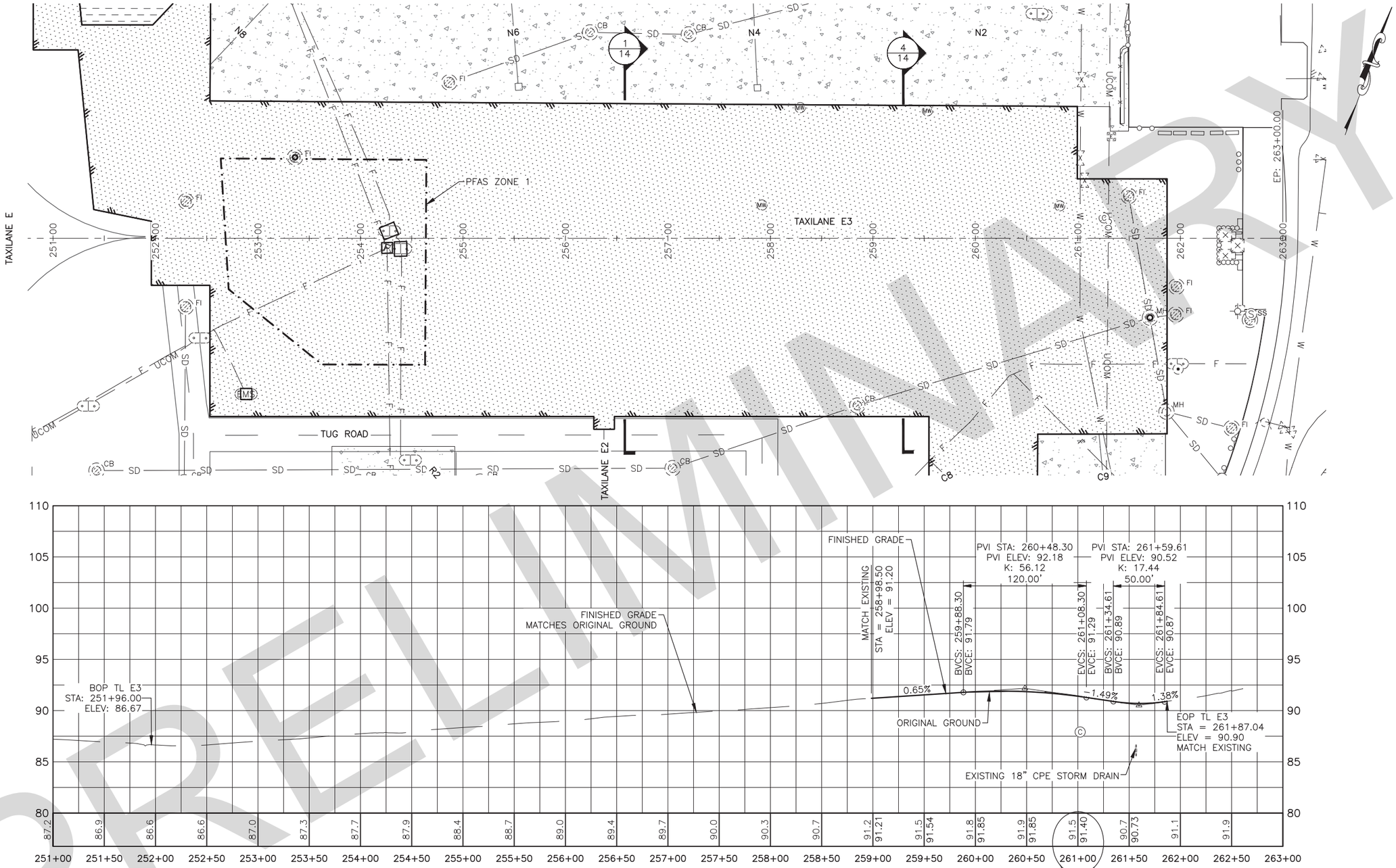
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
TL E1 PLAN & PROFILE – STA 200+00 TO STA 216+00

DATE: SEPTEMBER 2021
SHEET: 25 OF 74



NOTES:

1. SEE SHEETS 8–12 FOR LIMITS OF ASPHALT REMOVAL.
2. SEE SHEETS 28–32 FOR GRADING.
3. SEE SHEETS 49–54 FOR PAVEMENT MARKING WORK.
4. SEE SHEETS E4–E10 FOR LIGHTING WORK.

LEGEND:

HMA TYPE II, CLASS A

HMA TYPE V, CLASS S

EXISTING CONCRETE TO REMAIN

ORIGINAL GROUND ELEVATION / FINISHED GRADE ELEVATION

91.5 / 91.40

261+00

50' 25' 0 50' 100'

HORIZONTAL TO VERTICAL SCALE RATIO 1:10

Designed By: MH
Drawn By: EH
Checked By: SB

Date Revised: 9/3/2021 12:33 PM
Layout Name: 26
File Path and Name: J:\Jobs\Data\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Plan & Profile.dwg

PLANS DEVELOPED BY:
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

BY	DATE	REVISION

STATE OF ALASKA
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CENTRAL REGION
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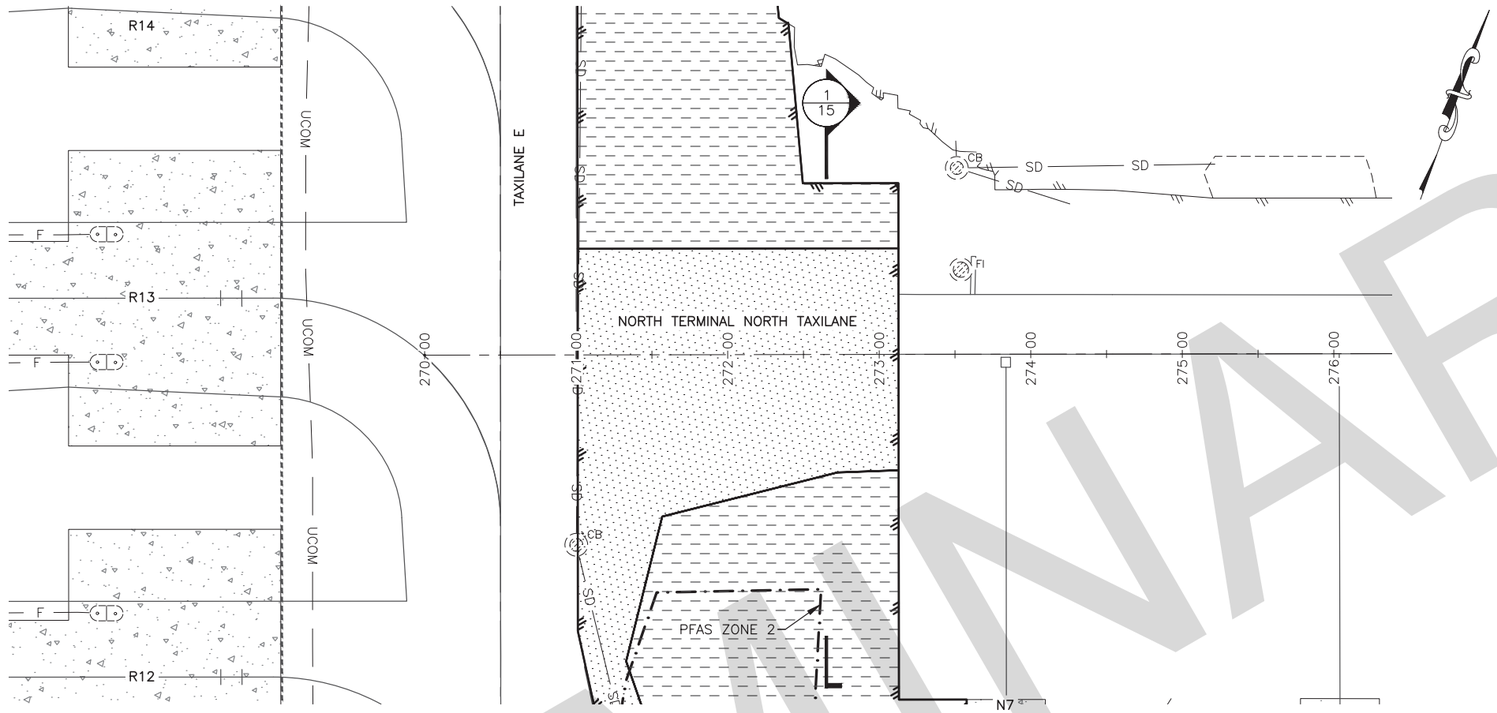
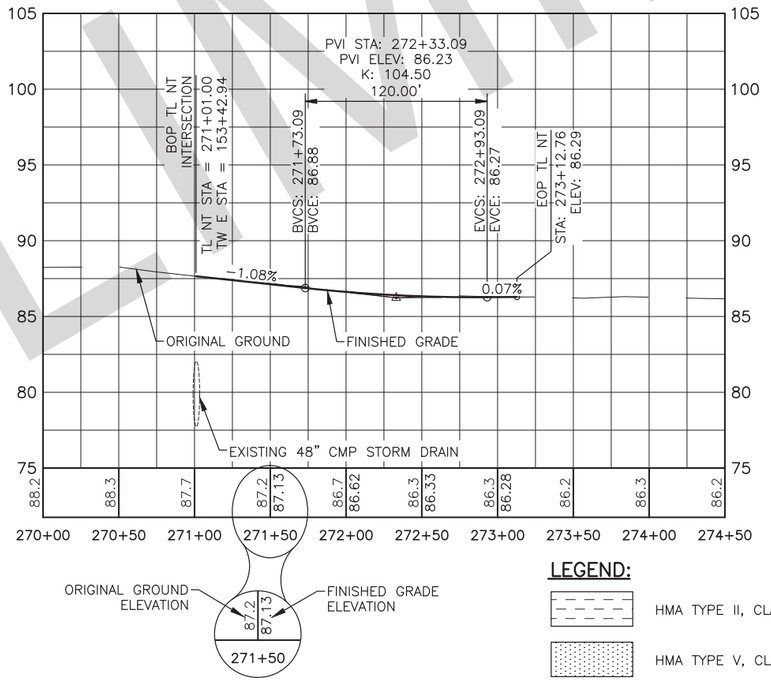
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
TL E3 PLAN & PROFILE – STA 251+00 TO STA 263+00

DATE: SEPTEMBER 2021

SHEET: 26 OF 74





NOTES:

1. SEE SHEETS 8–12 FOR LIMITS OF ASPHALT REMOVAL.
2. SEE SHEETS 28–32 FOR GRADING.
3. SEE SHEETS 49–54 FOR PAVEMENT MARKING WORK.

LEGEND:

- HMA TYPE II, CLASS A
- HMA TYPE V, CLASS S
- EXISTING CONCRETE TO REMAIN

50' 25' 0 50' 100'
HORIZONTAL TO VERTICAL
SCALE RATIO 1:10

Designed By:	MH
Drawn By:	EH
Checked By:	SB

Date Revised:	9/3/2021 12:33 PM
Layout Name:	27
File Path and Name:	J:\Jobs\Data\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Plan & Profile.dwg

PLANS DEVELOPED BY:
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

BY	DATE	REVISION

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CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
NT NORTH TL PLAN & PROFILE – STA 270+00 TO STA 274+00

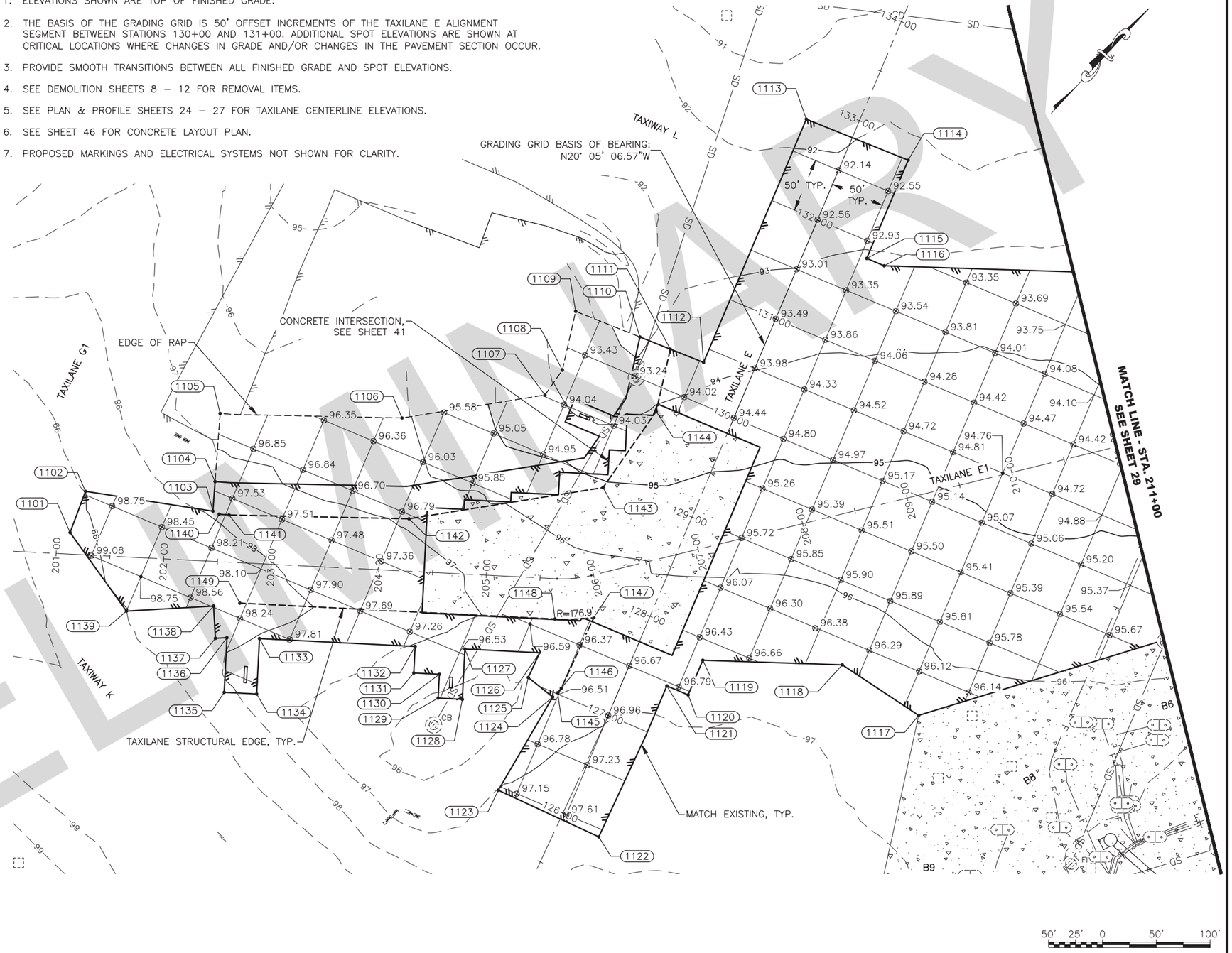
DATE: SEPTEMBER 2021
SHEET: 27 OF 74

GRADING POINTS

NUMBER	ALIGNMENT	STATION	OFFSET (FT)	ELEVATION (FT)	DESCRIPTION
1101	TAXILANE E1	201+11.94	20.03 LT	99.26	EOP, ME
1102	TAXILANE E1	201+24.30	59.02 LT	98.99	EOP, ME
1103	TAXILANE E1	202+43.42	46.59 LT	97.92	EOP, ME
1104	TAXILANE E1	202+44.06	74.13 LT	97.41	EOP, EOR, ME
1105	TAXILANE E1	202+45.53	137.61 LT	96.56	EOR, ME
1106	TAXILANE E1	204+14.46	141.91 LT	96.12	EOR, ME
1107	TAXILANE E1	205+45.96	169.96 LT	94.25	EOR, ME
1108	TAXILANE E1	206+17.26	191.80 LT	93.74	EOR, ME
1109	TAXILANE E1	206+42.25	241.84 LT	93.31	EOR, ME
1110	TAXILANE E1	206+94.51	204.49 LT	92.75	EOP, EOR, ME
1111	TAXILANE E1	207+19.27	186.79 LT	93.48	EOP, ME, STRUCTURAL EDGE
1112	TAXILANE E1	207+46.32	167.46 LT	93.82	EOP, ME
1113	TAXILANE E1	208+92.82	364.25 LT	91.73	EOP, ME
1114	TAXILANE E1	209+75.67	304.73 LT	92.22	EOP, ME
1115	TAXILANE E1	209+16.49	225.24 LT	93.07	EOP, ME
1116	TAXILANE E1	209+30.59	214.74 LT	93.13	EOP, ME
1117	TAXILANE E1	208+62.26	198.68 RT	96.27	EOP, EOC, ME
1118	TAXILANE E1	208+04.55	136.19 RT	96.52	EOP, ME
1119	TAXILANE E1	206+79.73	101.17 RT	96.62	EOP, ME
1120	TAXILANE E1	206+58.85	129.22 RT	96.79	EOP, ME
1121	TAXILANE E1	206+41.60	116.38 RT	96.82	EOP, ME
1122	TAXILANE E1	205+81.78	241.28 RT	97.78	EOP, ME
1123	TAXILANE E1	205+21.26	199.01 RT	97.03	EOP, ME
1124	TAXILANE E1	205+66.58	109.96 RT	96.48	EOP, ME
1125	TAXILANE E1	205+43.77	92.99 RT	96.08	EOP, ME
1126	TAXILANE E1	205+53.18	69.50 RT	96.23	EOP, ME
1127	TAXILANE E1	204+83.62	69.50 RT	96.51	EOP, ME
1128	TAXILANE E1	204+83.62	116.33 RT	95.57	EOP, ME
1129	TAXILANE E1	204+61.12	116.33 RT	95.79	EOP, ME
1130	TAXILANE E1	204+61.12	94.17 RT	96.53	EOP, ME
1131	TAXILANE E1	204+37.35	94.17 RT	96.63	EOP, ME
1132	TAXILANE E1	204+37.35	69.50 RT	96.95	EOP, ME
1133	TAXILANE E1	202+92.60	69.50 RT	97.95	EOP, ME
1134	TAXILANE E1	202+92.60	121.04 RT	97.60	EOP, ME
1135	TAXILANE E1	202+62.38	121.04 RT	98.21	EOP, ME
1136	TAXILANE E1	202+62.38	70.16 RT	98.13	EOP, ME
1137	TAXILANE E1	202+51.73	71.29 RT	98.20	EOP, ME
1138	TAXILANE E1	202+48.49	41.46 RT	98.50	EOP, ME
1139	TAXILANE E1	201+67.91	50.23 RT	99.00	EOP, ME
1140	TAXILANE E1	202+49.36	44.00 LT	97.93	STRUCTURAL EDGE
1141	TAXILANE E1	202+58.54	43.78 LT	97.88	PI, STRUCTURAL EDGE
1142	TAXILANE E1	204+25.68	48.70 LT	96.91	PI, STRUCTURAL EDGE
1143	TAXILANE E1	206+27.94	76.74 LT	95.07	PI, STRUCTURAL EDGE
1144	TAXILANE E1	206+92.72	133.64 LT	94.08	STRUCTURAL EDGE
1145	TAXILANE E1	205+68.85	105.83 RT	96.49	STRUCTURAL EDGE
1146	TAXILANE E1	205+70.51	101.65 RT	96.48	PI, STRUCTURAL EDGE
1147	TAXILANE E1	205+92.67	38.66 RT	96.35	PC, STRUCTURAL EDGE
1148	TAXILANE E1	205+65.81	37.50 RT	96.53	PT, STRUCTURAL EDGE
1149	TAXILANE E1	202+72.73	37.50 RT	98.38	STRUCTURAL EDGE

NOTES:

1. ELEVATIONS SHOWN ARE TOP OF FINISHED GRADE.
2. THE BASIS OF THE GRADING GRID IS 50' OFFSET INCREMENTS OF THE TAXILANE E ALIGNMENT SEGMENT BETWEEN STATIONS 130+00 AND 131+00. ADDITIONAL SPOT ELEVATIONS ARE SHOWN AT CRITICAL LOCATIONS WHERE CHANGES IN GRADE AND/OR CHANGES IN THE PAVEMENT SECTION OCCUR.
3. PROVIDE SMOOTH TRANSITIONS BETWEEN ALL FINISHED GRADE AND SPOT ELEVATIONS.
4. SEE DEMOLITION SHEETS 8 – 12 FOR REMOVAL ITEMS.
5. SEE PLAN & PROFILE SHEETS 24 – 27 FOR TAXILANE CENTERLINE ELEVATIONS.
6. SEE SHEET 46 FOR CONCRETE LAYOUT PLAN.
7. PROPOSED MARKINGS AND ELECTRICAL SYSTEMS NOT SHOWN FOR CLARITY.



Designed By:	MH	
Drawn By:	MH	
Checked By:	SB	
Date Revised:	9/2/2021 10:04 AM	
Layout Name:	28	
File Path and Name:	J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Grading Plan.dwg	

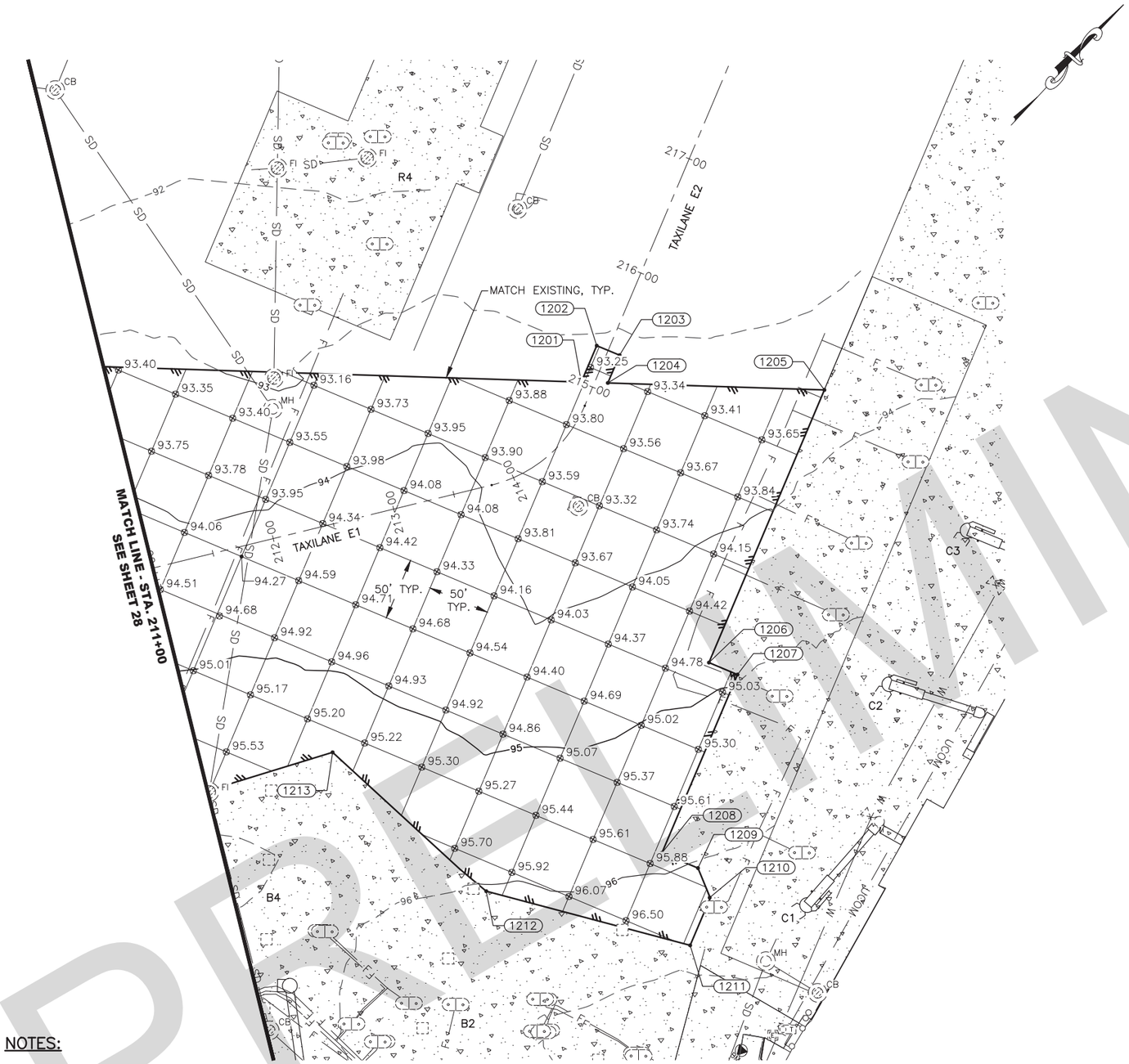
PLANS DEVELOPED BY:
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
TL E1 GRADING PLAN – STA 200+00 TO STA 211+00

DATE: SEPTEMBER 2021
SHEET: 28 OF 74



GRADING POINTS					
NUMBER	ALIGNMENT	STATION	OFFSET (FT)	ELEVATION (FT)	DESCRIPTION
1201	TAXILANE E1	215+00.21	10.00 LT	93.42	EOP, ME
1202	TAXILANE E1	215+32.12	10.00 LT	93.11	EOP, ME
1203	TAXILANE E1	215+32.23	10.00 RT	93.13	EOP, ME
1204	TAXILANE E1	215+07.92	10.00 RT	93.33	EOP, ME
1205	TAXILANE E1	215+70.76	173.08 RT	93.59	EOP, ME
1206	TAXILANE E1	214+29.53	211.15 RT	94.77	EOP, EOC, ME
1207	TAXILANE E1	214+33.32	233.35 RT	94.94	EOP, EOC, ME
1208	TAXILANE E1	213+97.28	325.54 RT	95.77	EOP, EOC, ME
1209	TAXILANE E1	214+02.64	348.34 RT	96.07	EOP, EOC, ME
1210	TAXILANE E1	214+02.31	373.93 RT	96.35	EOP, EOC, ME
1211	TAXILANE E1	213+95.80	403.25 RT	96.86	EOP, EOC, ME
1212	TAXILANE E1	212+99.09	317.22 RT	96.08	EOP, EOC, ME
1213	TAXILANE E1	212+05.44	178.89 RT	95.35	EOP, EOC, ME

NOTES:

1. ELEVATIONS SHOWN ARE TOP OF FINISHED GRADE.
2. THE BASIS OF THE GRADING GRID IS 50' OFFSET INCREMENTS OF THE TAXILANE E ALIGNMENT SEGMENT BETWEEN STATIONS 130+00 AND 131+00 (SEE SHEET 28). ADDITIONAL SPOT ELEVATIONS ARE SHOWN AT CRITICAL LOCATIONS WHERE CHANGES IN GRADE AND/OR CHANGES IN THE PAVEMENT SECTION OCCUR.
3. PROVIDE SMOOTH TRANSITIONS BETWEEN ALL FINISHED GRADE AND SPOT ELEVATIONS.
4. SEE DEMOLITION SHEETS 8 – 12 FOR REMOVAL ITEMS.
5. SEE PLAN & PROFILE SHEETS 24 – 27 FOR TAXILANE CENTERLINE ELEVATIONS.
6. PROPOSED MARKINGS AND ELECTRICAL SYSTEMS NOT SHOWN FOR CLARITY.

50' 25' 0 50' 100'

Designed By: MH
Drawn By: MH
Checked By: SB

Date Revised: 9/2/2021 10:04 AM
Layout Name: 29
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Grading Plan.dwg

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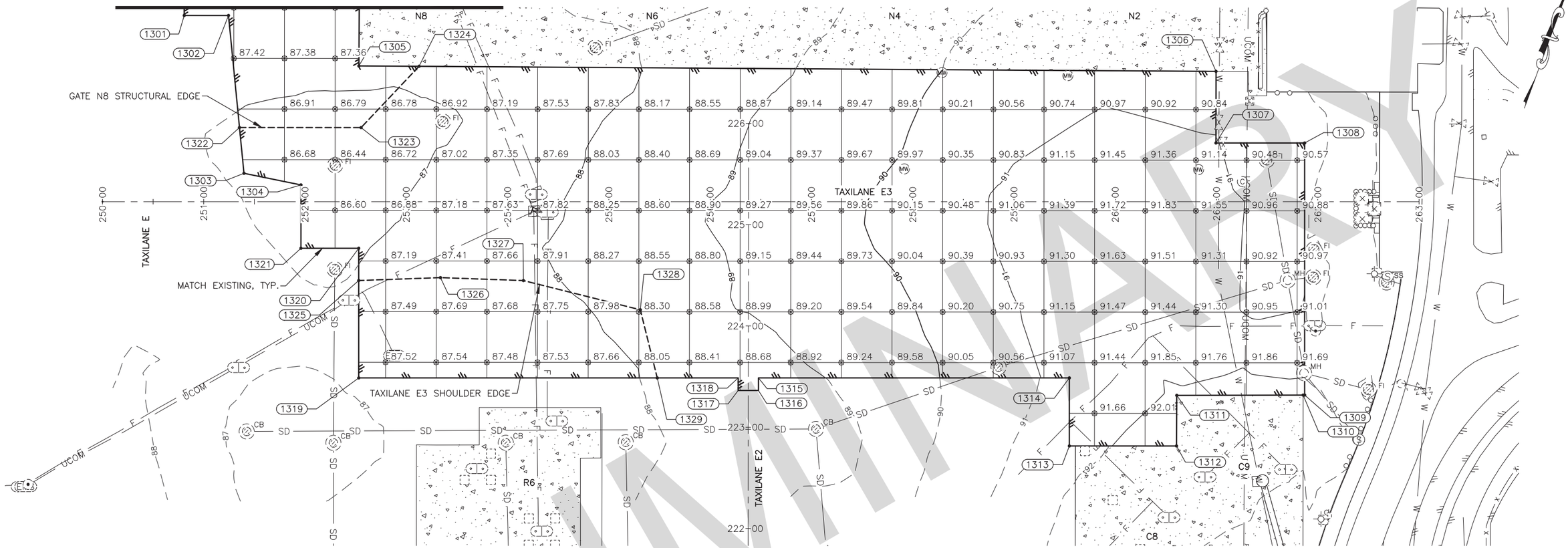
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
TL E1 GRADING PLAN – STA 211+00 TO STA 216+00

DATE: SEPTEMBER 2021
SHEET: 29 OF 74



GRADING POINTS					
NUMBER	ALIGNMENT	STATION	OFFSET (FT)	ELEVATION (FT)	DESCRIPTION
1301	TAXILANE E3	250+80.74	183.87 LT	87.70	EOP, ME
1302	TAXILANE E3	251+24.46	183.84 LT	87.74	EOP, ME
1303	TAXILANE E3	251+39.73	28.03 LT	86.86	EOP, ME
1304	TAXILANE E3	251+96.01	16.55 LT	86.58	EOP, ME
1305	TAXILANE E3	252+53.18	134.06 LT	87.28	EOP, EOC, ME
1306	TAXILANE E3	260+99.54	128.65 LT	90.55	EOP, EOC, ME
1307	TAXILANE E3	260+99.44	57.98 LT	91.06	EOP, ME
1308	TAXILANE E3	261+87.04	57.98 LT	90.62	EOP, ME
1309	TAXILANE E3	261+87.04	190.92 RT	92.53	EOP, ME
1310	TAXILANE E3	261+85.54	190.92 RT	92.52	EOP, EOC, ME
1311	TAXILANE E3	260+60.76	191.22 RT	92.10	EOP, EOC, ME
1312	TAXILANE E3	260+60.50	241.15 RT	92.33	EOP, EOC, ME
1313	TAXILANE E3	259+54.68	241.17 RT	91.71	EOP, ME
1314	TAXILANE E3	259+54.68	174.00 RT	91.24	EOP, ME
1315	TAXILANE E3	256+47.72	174.00 RT	88.66	EOP, ME

GRADING POINTS					
NUMBER	ALIGNMENT	STATION	OFFSET (FT)	ELEVATION (FT)	DESCRIPTION
1316	TAXILANE E3	256+47.70	186.42 RT	88.60	EOP, ME
1317	TAXILANE E3	256+27.70	186.41 RT	88.53	EOP, ME
1318	TAXILANE E3	256+27.72	174.00 RT	88.60	EOP, ME
1319	TAXILANE E3	252+53.05	174.00 RT	87.16	EOP, ME
1320	TAXILANE E3	252+53.05	46.00 RT	86.94	EOP, ME
1321	TAXILANE E3	251+95.97	46.00 RT	86.91	EOP, ME
1322	TAXILANE E3	251+35.30	73.23 LT	86.89	EOP, GATE N8 STRUCTURAL EDGE, ME
1323	TAXILANE E3	252+55.36	73.16 LT	86.60	PI, GATE N8 STRUCTURAL EDGE
1324	TAXILANE E3	253+12.61	133.67 LT	87.31	EOP, EOC, GATE N8 STRUCTURAL EDGE, ME
1325	TAXILANE E3	252+53.05	77.83 RT	87.08	EOP, TAXILANE E3 SHOULDER EDGE, ME
1326	TAXILANE E3	253+33.73	74.98 RT	87.53	PI, TAXILANE E3 SHOULDER EDGE
1327	TAXILANE E3	254+15.65	77.87 RT	87.78	PI, TAXILANE E3 SHOULDER EDGE
1328	TAXILANE E3	255+31.06	106.73 RT	88.32	PI, TAXILANE E3 SHOULDER EDGE
1329	TAXILANE E3	255+47.80	174.00 RT	88.16	EOP, TAXILANE E3 SHOULDER EDGE, ME

NOTES:

1. ELEVATIONS SHOWN ARE TOP OF FINISHED GRADE.
2. THE BASIS OF THE GRADING GRID IS 50' OFFSET INCREMENTS OF THE TAXILANE E ALIGNMENT SEGMENT BETWEEN STATIONS 130+00 AND 131+00 (SEE SHEET 28). ADDITIONAL SPOT ELEVATIONS ARE SHOWN AT CRITICAL LOCATIONS WHERE CHANGES IN GRADE AND/OR CHANGES IN THE PAVEMENT SECTION OCCUR.
3. PROVIDE SMOOTH TRANSITIONS BETWEEN ALL FINISHED GRADE AND SPOT ELEVATIONS.
4. SEE DEMOLITION SHEETS 8 – 12 FOR REMOVAL ITEMS.
5. SEE PLAN & PROFILE SHEETS 24 – 27 FOR TAXILANE CENTERLINE ELEVATIONS.
6. PROPOSED MARKINGS AND ELECTRICAL SYSTEMS NOT SHOWN FOR CLARITY.

50' 25' 0 50' 100'

Designed By: MH
Drawn By: MH
Checked By: SB

Date Revised:
Layout Name: 30
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Grading Plan.dwg 9/2/2021 10:04 AM

PLANS DEVELOPED BY:
CRW ENGINEERING GROUP, LLC
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ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

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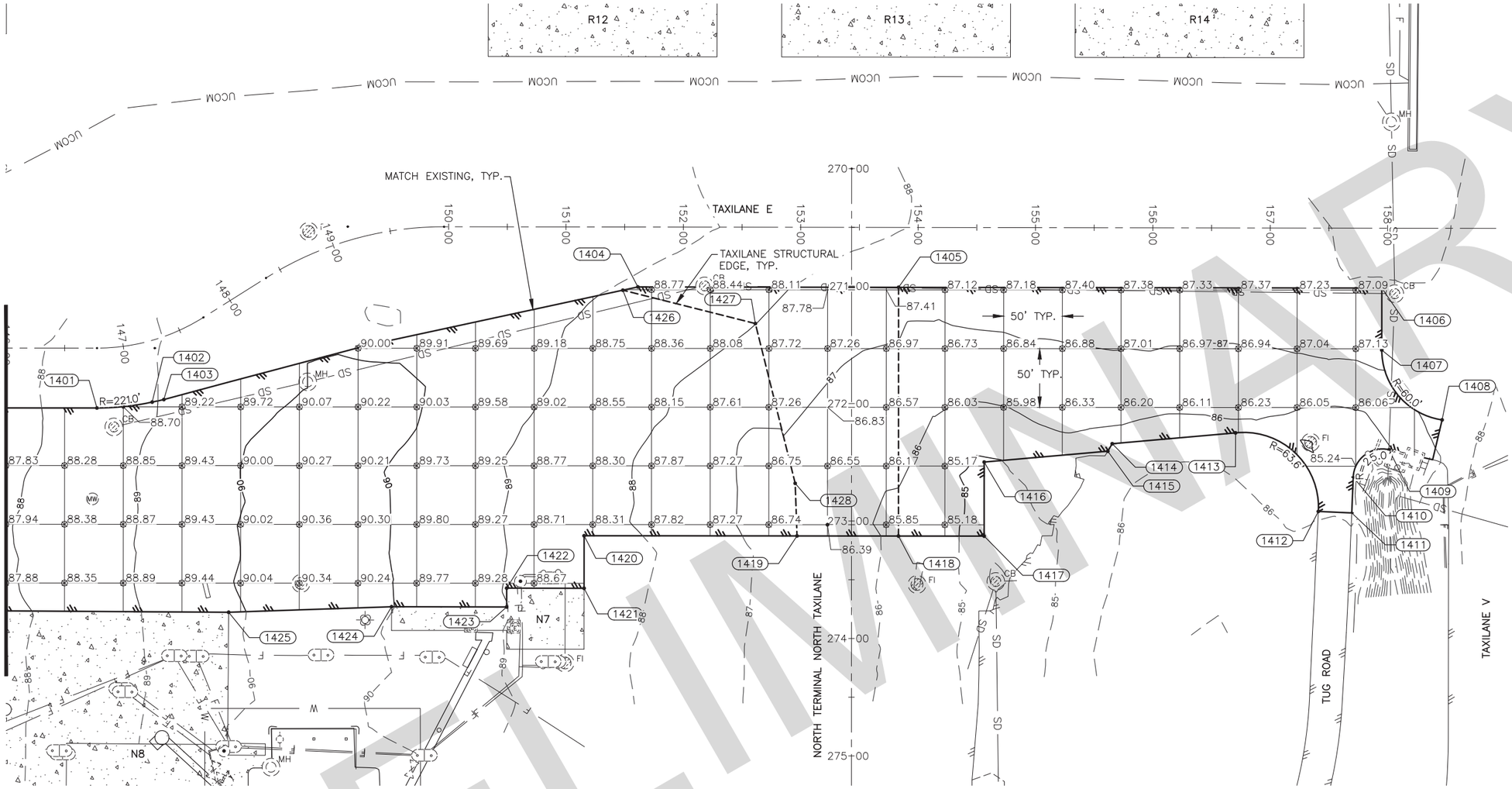
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
TL E3 GRADING PLAN – STA 250+00 TO STA 263+00

DATE: SEPTEMBER 2021
SHEET: 30 OF 74



NOTES:

1. ELEVATIONS SHOWN ARE TOP OF FINISHED GRADE.
2. THE BASIS OF THE GRADING GRID IS 50' OFFSET INCREMENTS OF THE TAXILANE E ALIGNMENT SEGMENT BETWEEN STATIONS 130+00 AND 131+00 (SEE SHEET 28). ADDITIONAL SPOT ELEVATIONS ARE SHOWN AT CRITICAL LOCATIONS WHERE CHANGES IN GRADE AND/OR CHANGES IN THE PAVEMENT SECTION OCCUR.
3. PROVIDE SMOOTH TRANSITIONS BETWEEN ALL FINISHED GRADE AND SPOT ELEVATIONS.
4. SEE DEMOLITION SHEETS 8 – 12 FOR REMOVAL ITEMS.
5. SEE PLAN & PROFILE SHEETS 24 – 27 FOR TAXILANE CENTERLINE ELEVATIONS.
6. PROPOSED MARKINGS AND ELECTRICAL SYSTEMS NOT SHOWN FOR CLARITY.

50' 25' 0 50' 100'

GRADING POINTS

NUMBER	ALIGNMENT	STATION	OFFSET (FT)	ELEVATION (FT)	DESCRIPTION
1401	TAXILANE E	146+77.54	51.00 RT	88.48	EOP, PC, ME
1402	TAXILANE E	147+14.02	51.00 RT	88.95	EOP, PT, ME
1403	TAXILANE E	147+21.83	51.23 RT	89.05	EOP, ME
1404	TAXILANE E	151+61.33	51.00 RT	88.86	EOP, ME
1405	TAXILANE E	153+83.44	51.00 RT	87.36	EOP, STRUCTURAL EDGE, ME
1406	TAXILANE E	157+95.17	51.00 RT	87.09	EOP, ME
1407	TAXILANE E	157+95.22	103.80 RT	87.25	EOP, PC, ME
1408	TAXILANE E	158+46.71	163.13 RT	87.35	EOP, PT, ME
1409	TAXILANE E	158+01.60	188.58 RT	85.93	EOP, PC, ME
1410	TAXILANE E	157+71.04	211.99 RT	85.26	EOP, PT, ME

GRADING POINTS

NUMBER	ALIGNMENT	STATION	OFFSET (FT)	ELEVATION (FT)	DESCRIPTION
1411	TAXILANE E	157+69.87	242.47 RT	85.82	EOP, ME
1412	TAXILANE E	157+41.38	241.24 RT	85.84	EOP, PC, ME
1413	TAXILANE E	156+70.75	174.46 RT	85.57	EOP, PT, ME
1414	TAXILANE E	155+65.69	183.85 RT	85.62	EOP, ME
1415	TAXILANE E	155+61.90	190.22 RT	85.54	EOP, ME
1416	TAXILANE E	154+56.61	199.63 RT	84.95	EOP, ME
1417	TAXILANE E	154+56.68	262.69 RT	84.56	EOP, ME
1418	TAXILANE E	153+83.68	262.74 RT	85.67	EOP, STRUCTURAL EDGE, ME
1419	TAXILANE E	152+97.26	262.78 RT	86.53	EOP, STRUCTURAL EDGE, ME
1420	TAXILANE E	151+15.86	262.89 RT	88.35	EOP, ME

GRADING POINTS

NUMBER	ALIGNMENT	STATION	OFFSET (FT)	ELEVATION (FT)	DESCRIPTION
1421	TAXILANE E	151+15.88	307.62 RT	88.34	EOP, EOC, ME
1422	TAXILANE E	150+49.94	307.62 RT	88.95	EOP, EOC, ME
1423	TAXILANE E	150+49.97	323.64 RT	89.02	EOP, EOC, ME
1424	TAXILANE E	147+77.63	293.88 RT	90.03	EOP, EOC, ME
1425	TAXILANE E	147+24.66	240.51 RT	89.86	EOP, EOC, ME
1426	TAXILANE E	151+48.55	53.78 RT	88.91	EOP, STRUCTURAL EDGE, ME
1427	TAXILANE E	152+61.47	82.00 RT	88.01	PI, STRUCTURAL EDGE
1428	TAXILANE E	152+95.63	218.00 RT	86.57	PI, STRUCTURAL EDGE

Designed By: MH
Drawn By: MH
Checked By: SB

Date Revised: 9/2/2021 10:04 AM
Layout Name: 31
File Path and Name: J:\Jobs\Data\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Grading Plan.dwg

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CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD. SUITE 300
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STATE OF ALASKA
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CENTRAL REGION
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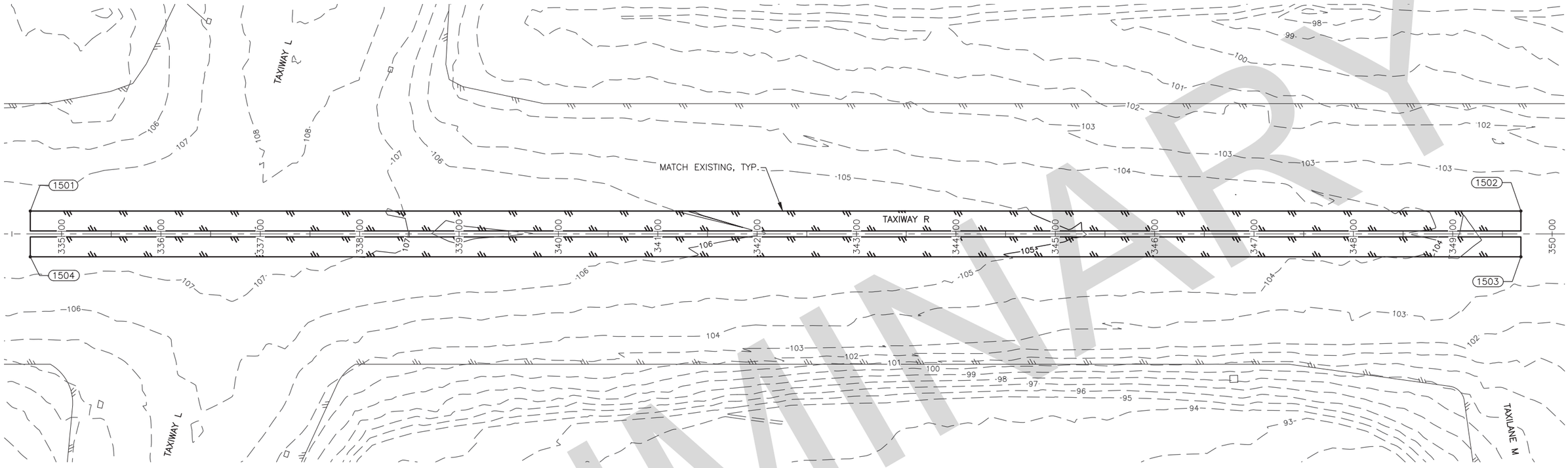
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
TL E GRADING PLAN – STA 146+00 TO STA 158+50

DATE: SEPTEMBER 2021

SHEET: 31 OF 74



GRADING POINTS					
NUMBER	ALIGNMENT	STATION	OFFSET (FT)	ELEVATION (FT)	DESCRIPTION
1501	TAXIWAY R	334+68.57	23.00 LT	107.50	EOP, ME
1502	TAXIWAY R	349+68.57	23.00 LT	103.54	EOP, ME
1503	TAXIWAY R	349+68.57	23.00 RT	103.53	EOP, ME
1504	TAXIWAY R	334+68.57	23.00 RT	107.41	EOP, ME

NOTES:

1. ELEVATIONS SHOWN ARE TOP OF FINISHED GRADE.
2. PROVIDE SMOOTH TRANSITIONS BETWEEN ALL FINISHED GRADE AND SPOT ELEVATIONS.
3. SEE DEMOLITION SHEETS 8 – 12 FOR REMOVAL ITEMS.
4. PROPOSED MARKINGS AND ELECTRICAL SYSTEMS NOT SHOWN FOR CLARITY.

50' 25' 0 50' 100'

Designed By: MH
Drawn By: MH
Checked By: SB

Date Revised: 9/2/2021 10:04 AM
Layout Name: 32
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Grading Plan.dwg

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3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
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4111 AVIATION AVE., ANCHORAGE ALASKA 99502
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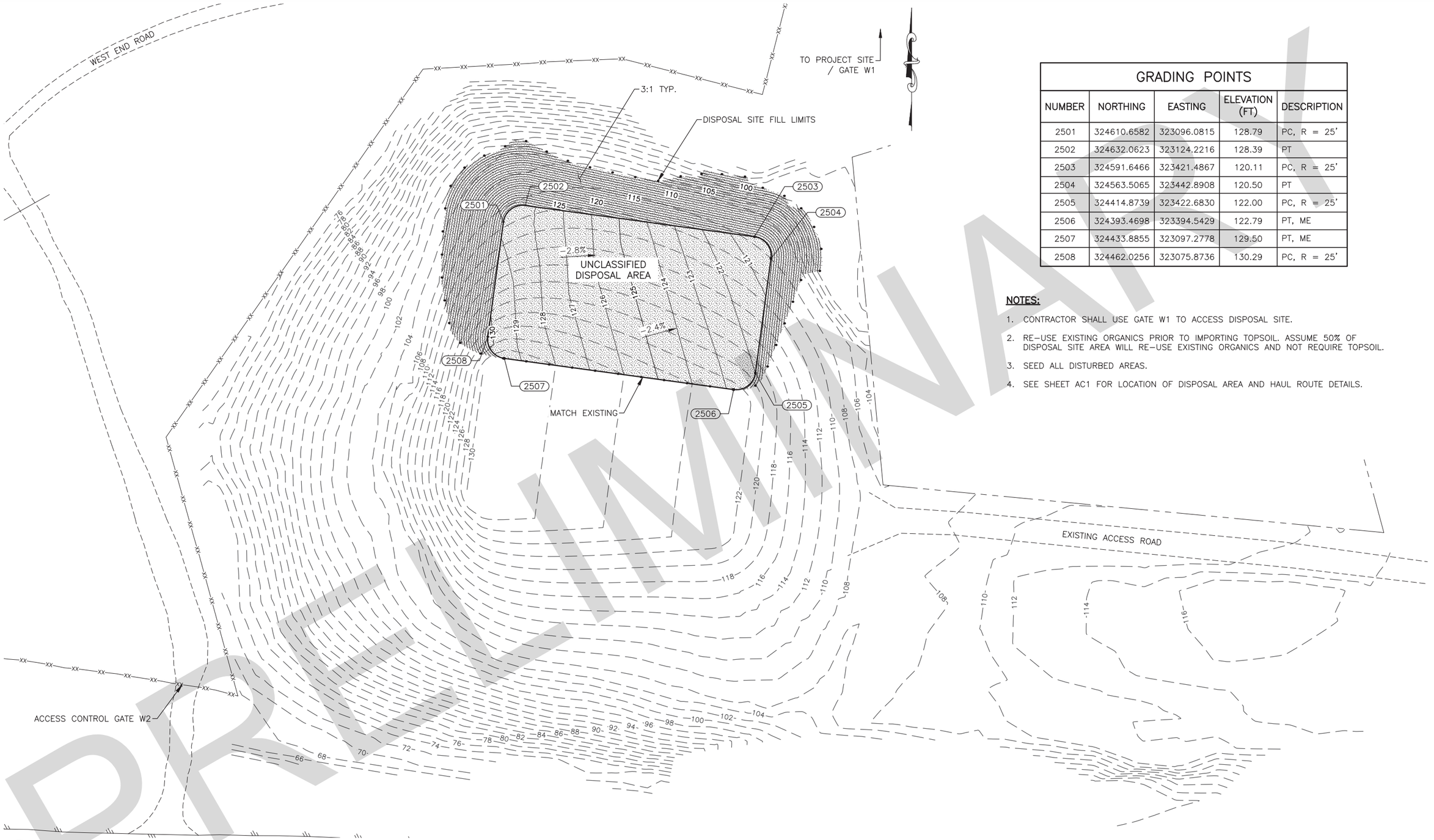
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
TW R GRADING PLAN – STA 334+00 TO STA 350+00

DATE: SEPTEMBER 2021

SHEET: 32 OF 74



GRADING POINTS				
NUMBER	NORTHING	EASTING	ELEVATION (FT)	DESCRIPTION
2501	324610.6582	323096.0815	128.79	PC, R = 25'
2502	324632.0623	323124.2216	128.39	PT
2503	324591.6466	323421.4867	120.11	PC, R = 25'
2504	324563.5065	323442.8908	120.50	PT
2505	324414.8739	323422.6830	122.00	PC, R = 25'
2506	324393.4698	323394.5429	122.79	PT, ME
2507	324433.8855	323097.2778	129.50	PT, ME
2508	324462.0256	323075.8736	130.29	PC, R = 25'

NOTES:

1. CONTRACTOR SHALL USE GATE W1 TO ACCESS DISPOSAL SITE.
2. RE-USE EXISTING ORGANICS PRIOR TO IMPORTING TOPSOIL. ASSUME 50% OF DISPOSAL SITE AREA WILL RE-USE EXISTING ORGANICS AND NOT REQUIRE TOPSOIL.
3. SEED ALL DISTURBED AREAS.
4. SEE SHEET AC1 FOR LOCATION OF DISPOSAL AREA AND HAUL ROUTE DETAILS.

1
33

UNCLASSIFIED DISPOSAL AREA GRADING PLAN

SCALE: GRAPHIC

60' 30' 0 60' 120'

Designed By: MH
Drawn By: CM
Checked By: SB

Date Revised: 8/20/2021 8:58 AM
Layout Name: 33
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Disposal Area Grading Plan.dwg

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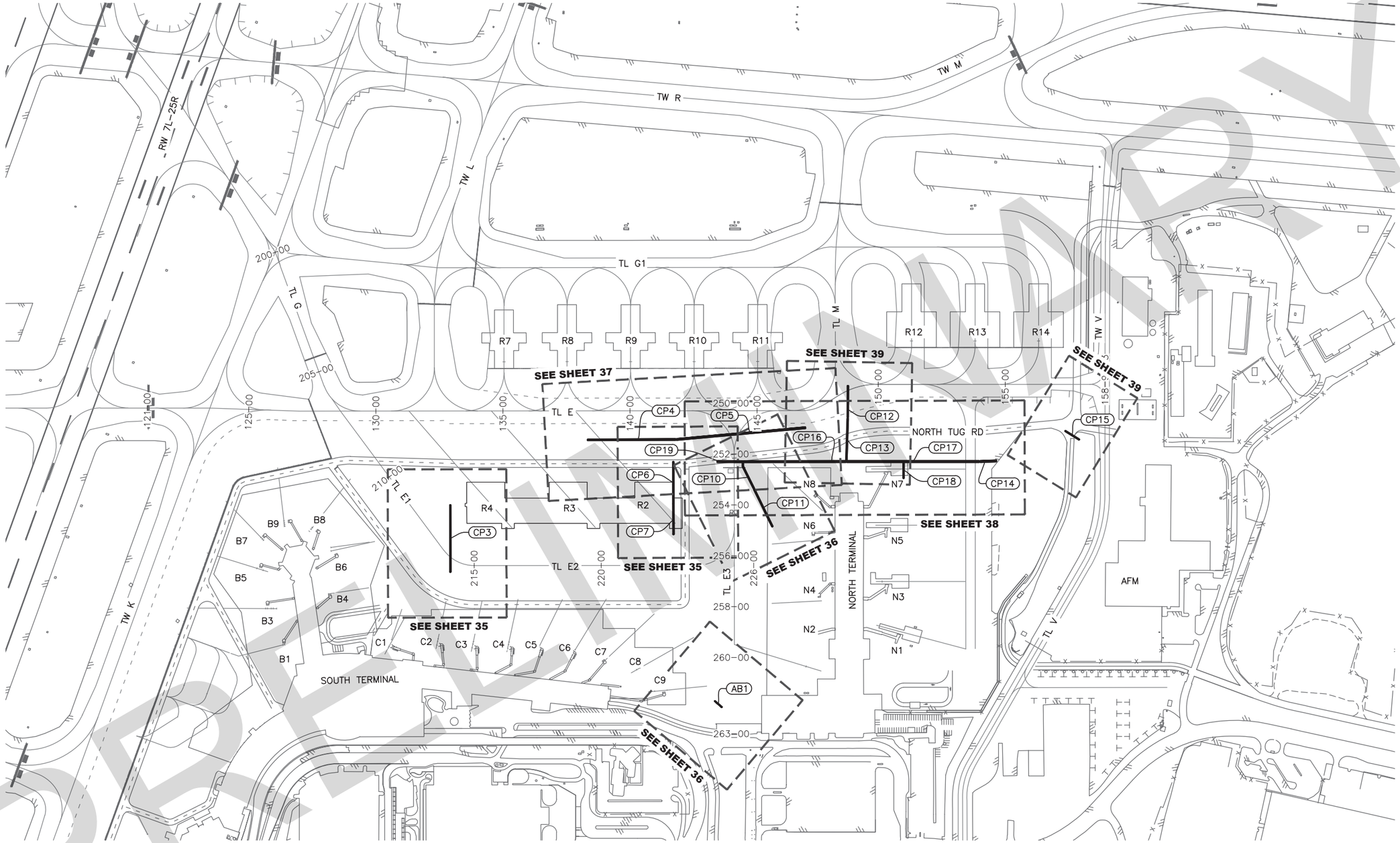
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No: 3-02-0016-XXX-2021
DISPOSAL AREA GRADING PLAN

DATE: SEPTEMBER 2021
SHEET: 33 OF 74



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34

STORM DRAIN KEY MAP

SCALE: GRAPHIC

200' 100' 0 200' 400'

Designed By:	RB
Drawn By:	EH
Checked By:	SB

Date Revised:	9/3/2021 1:26 PM
Layout Name:	34
File Path and Name:	J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Storm Drain Key Map.dwg

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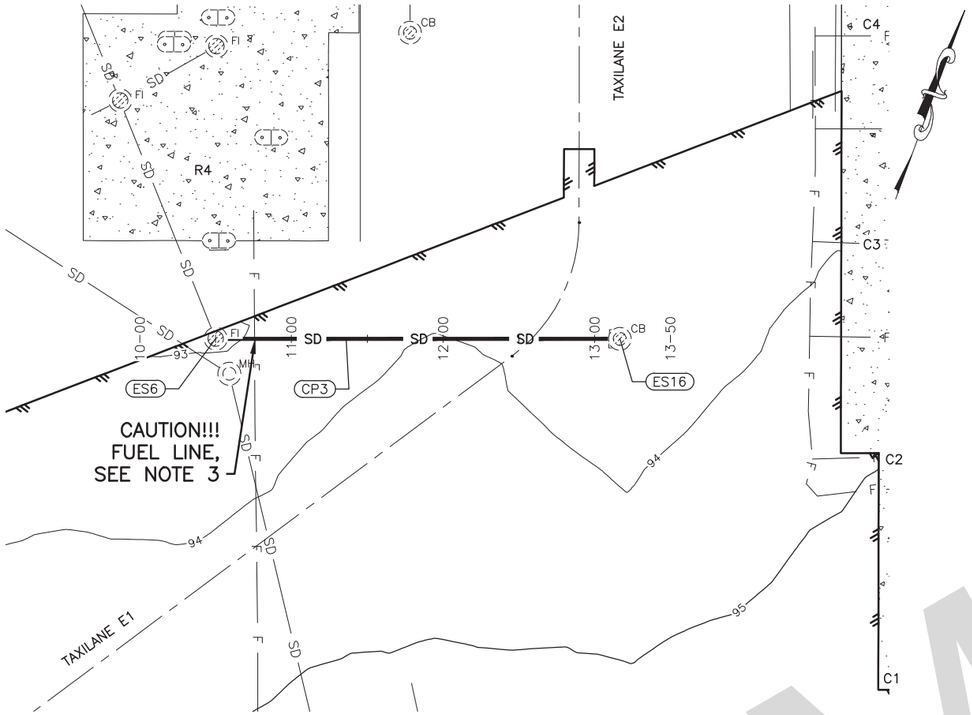
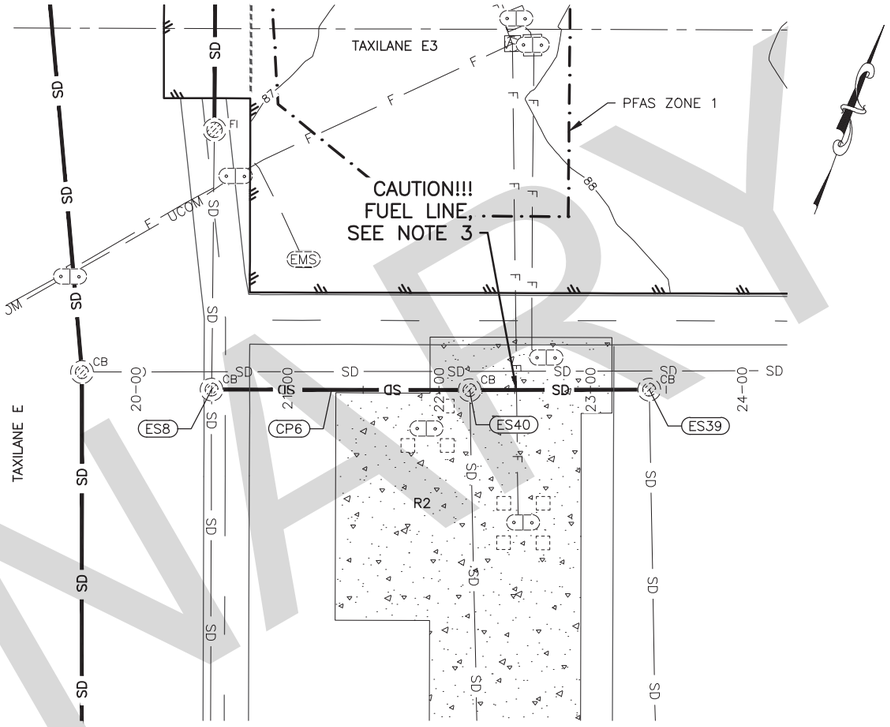
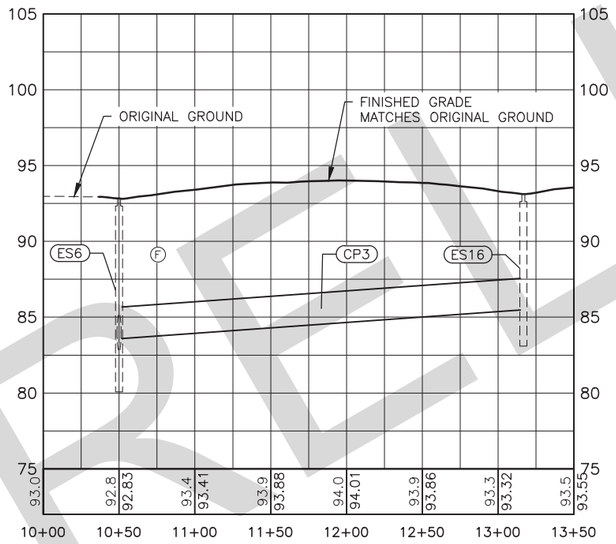
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
STORM DRAIN KEY MAP

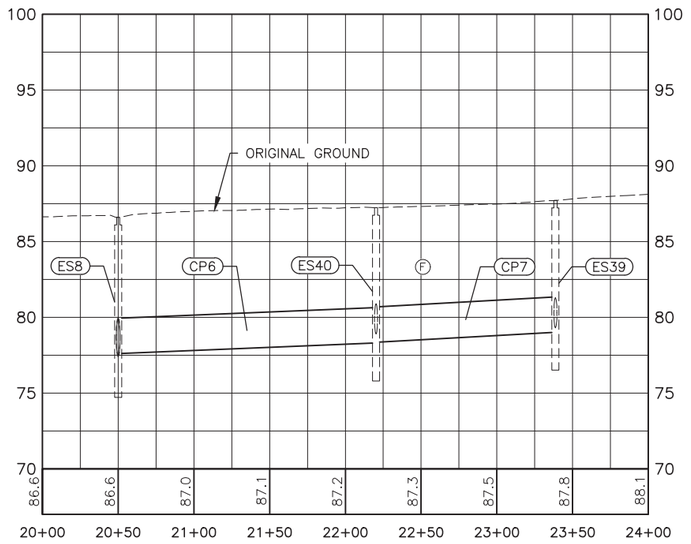
DATE: SEPTEMBER 2021

SHEET: 34 OF 74









50' 25' 0 50' 100'

HORIZONTAL TO VERTICAL
SCALE RATIO 1:10

NOTES:

1. SEE SHEETS 5 FOR STORM DRAIN PIPE AND STRUCTURE SUMMARY TABLES.
2. ELEVATIONS OF SHALLOW UTILITIES SHOWN IN PROFILE ARE APPROXIMATE. NOTIFY ENGINEER IMMEDIATELY IF CONFLICT EXISTS.
3. ALL GROUND DISTURBING WORK WITHIN 10 FT OF THE FUEL LINES WILL REQUIRE A STAND-BY WATCH. SEE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

Designed By: RB
Drawn By: EH
Checked By: SB

Date Revised: 9/3/2021 1:29 PM
Layout Name: 35
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Storm Drain P&P.dwg

PLANS DEVELOPED BY:
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

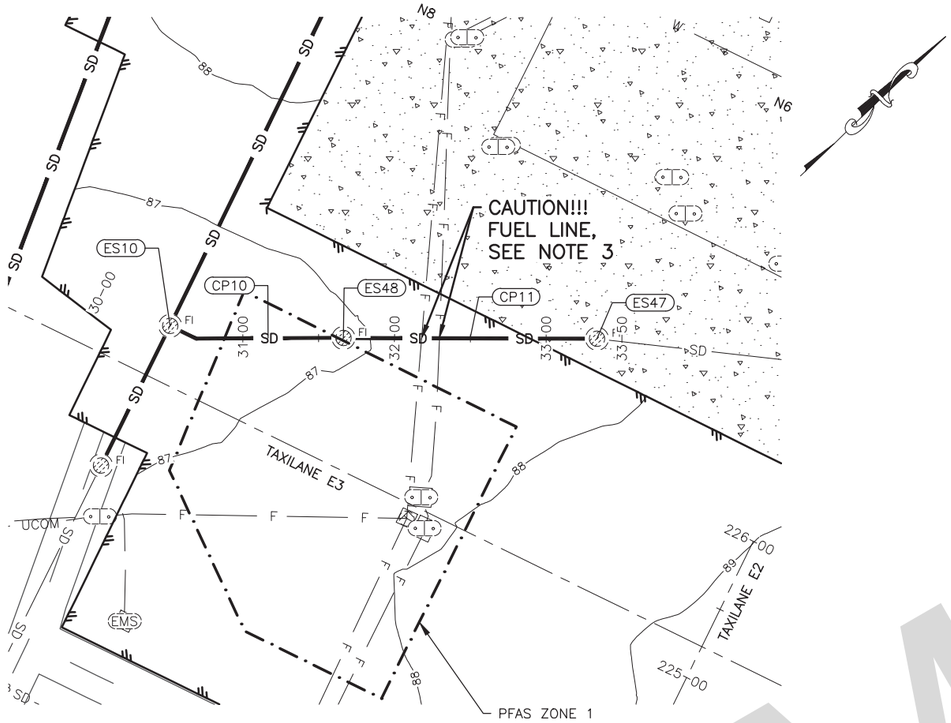
BY	DATE	REVISION

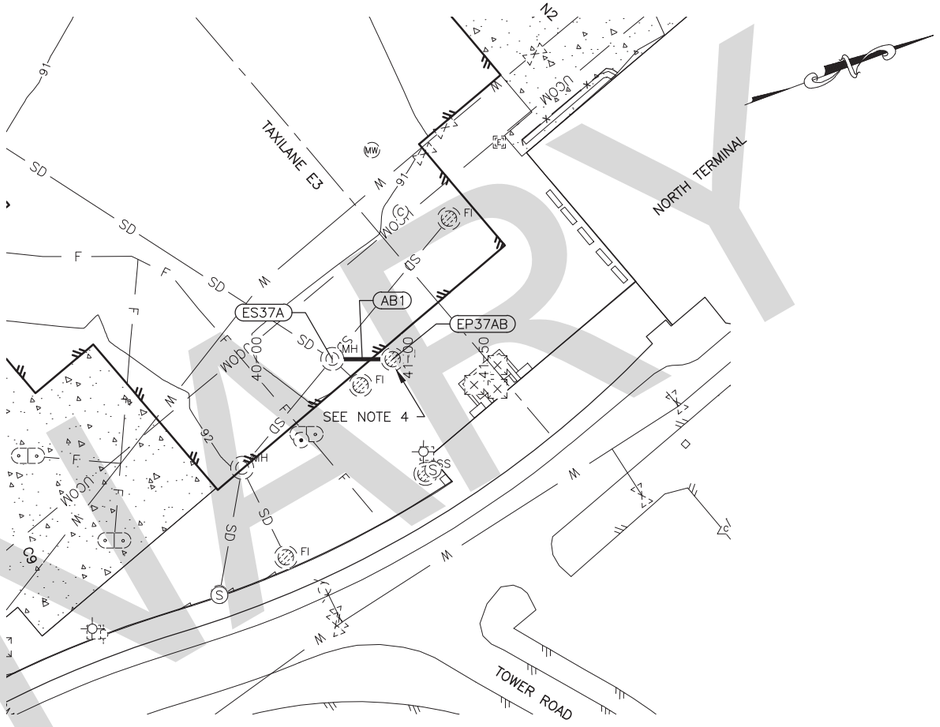
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

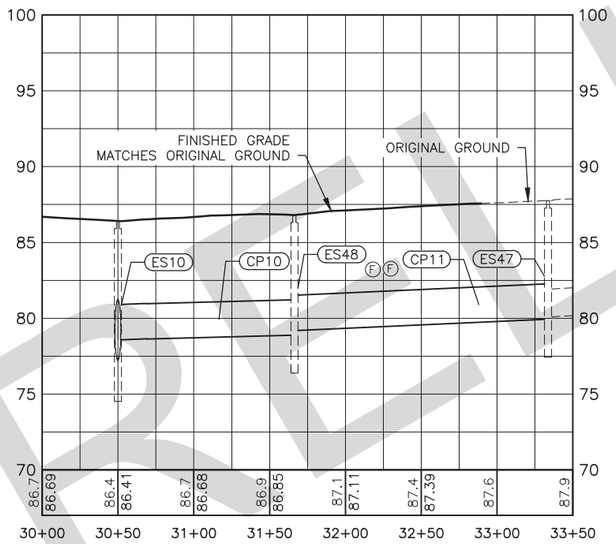
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
TL E1 & E3 STORM DRAIN

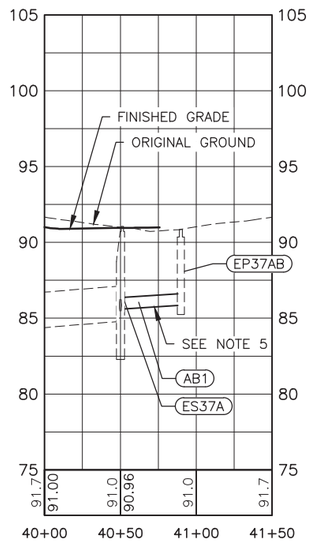
DATE: SEPTEMBER 2021

SHEET: 35 OF 74









50' 25' 0 50' 100'

HORIZONTAL TO VERTICAL
SCALE RATIO 1:10

NOTES:

1. SEE SHEETS 5 FOR STORM DRAIN PIPE AND STRUCTURE SUMMARY TABLES.
2. ELEVATIONS OF SHALLOW UTILITIES SHOWN IN PROFILE ARE APPROXIMATE. NOTIFY ENGINEER IMMEDIATELY IF CONFLICT EXISTS.
3. ALL GROUND DISTURBING WORK WITHIN 10 FT OF THE FUEL LINES WILL REQUIRE A STAND-BY WATCH. SEE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.
4. PIPE IS ABANDONED. LOCATION OF EP37AB IS APPROXIMATE.
5. ABANDON PIPE IN PLACE WITH CONTROLLED LOW-STRENGTH MATERIAL. SEE SECTION P-153 OF THE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

Designed By: RB
Drawn By: EH
Checked By: SB

Date Revised: 9/3/2021 1:42 PM
Layout Name: 36
File Path and Name: J:\Jobs\Data\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Storm Drain P&P.dwg

PLANS DEVELOPED BY:
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

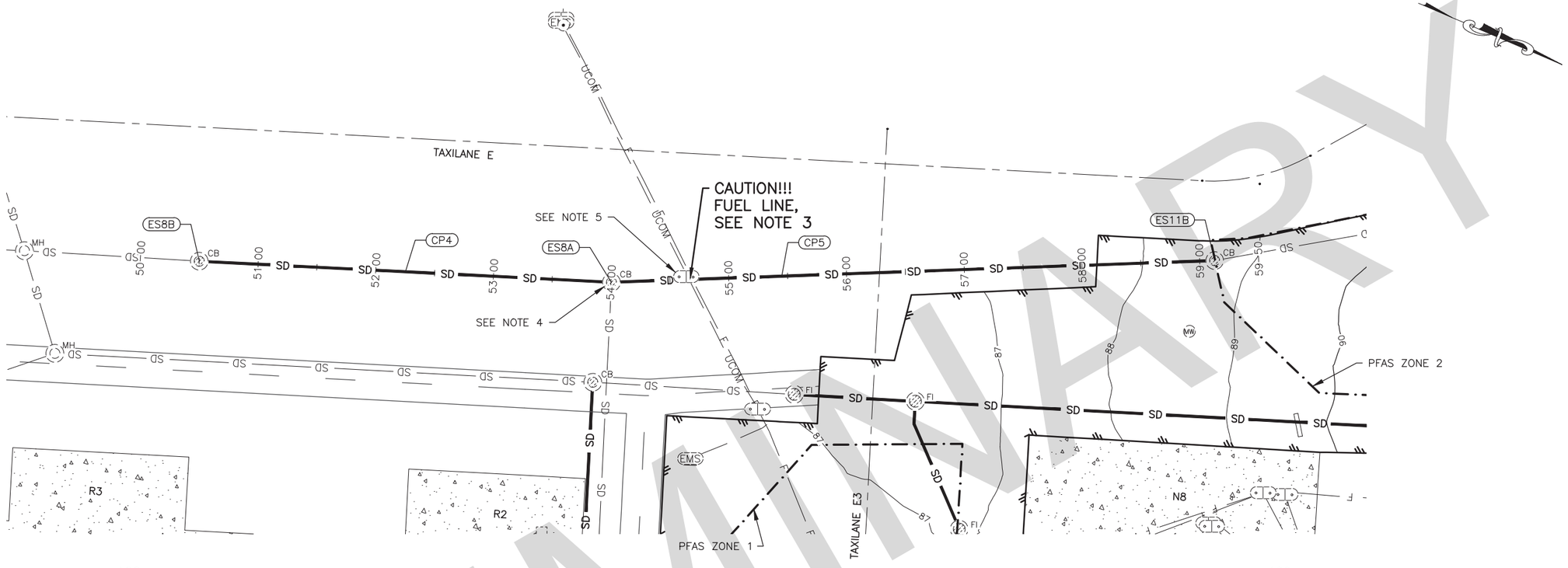
BY	DATE	REVISION

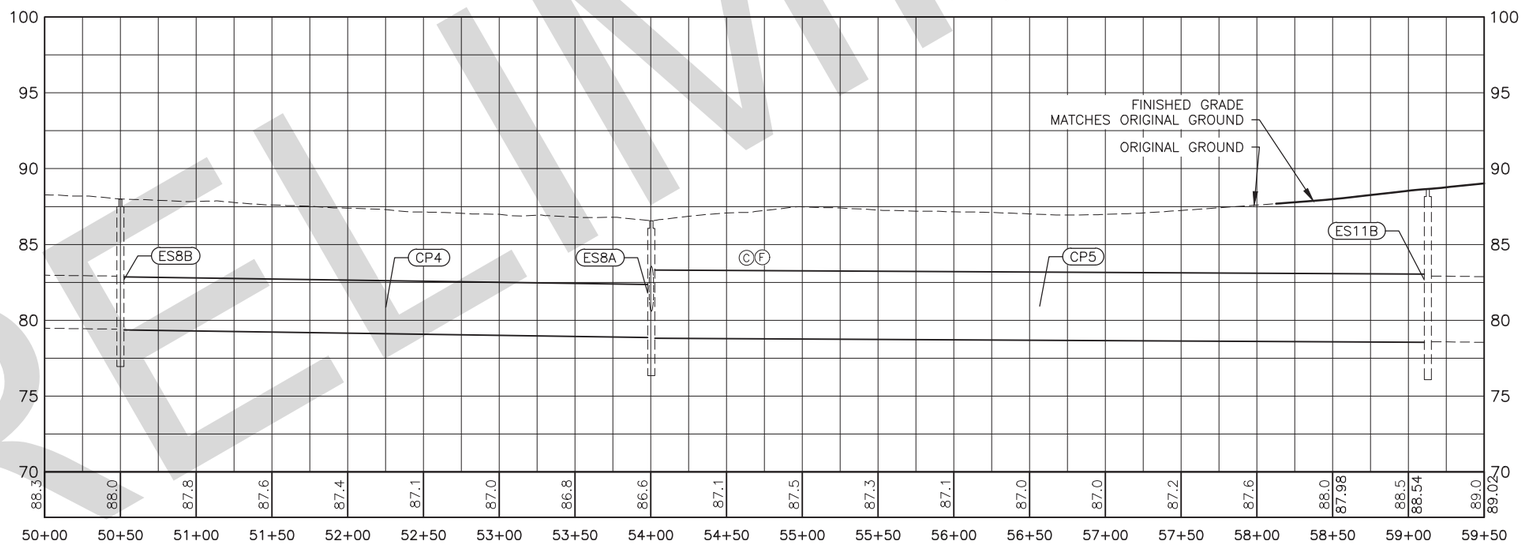
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
TL E3 STORM DRAIN

DATE: SEPTEMBER 2021

SHEET: 36 OF 74





NOTES:

1. SEE SHEETS 5 FOR STORM DRAIN PIPE AND STRUCTURE SUMMARY TABLES.
2. ELEVATIONS OF SHALLOW UTILITIES SHOWN IN PROFILE ARE APPROXIMATE. NOTIFY ENGINEER IMMEDIATELY IF CONFLICT EXISTS.
3. ALL GROUND DISTURBING WORK WITHIN 10 FT OF THE FUEL LINES WILL REQUIRE A STAND–BY WATCH. SEE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.
4. SEE SHEET 40 FOR MANHOLE RECONSTRUCTION DETAIL.
5. CAUTION, STRUCTURE FOR FUEL PIPE OVER TOP OF STORM DRAIN.

50' 25' 0 50' 100'
HORIZONTAL TO VERTICAL
SCALE RATIO 1:10

Designed By: RB
Drawn By: EH
Checked By: SB

Date Revised: 9/3/2021 1:29 PM
Layout Name: 37
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Storm Drain P&P.dwg

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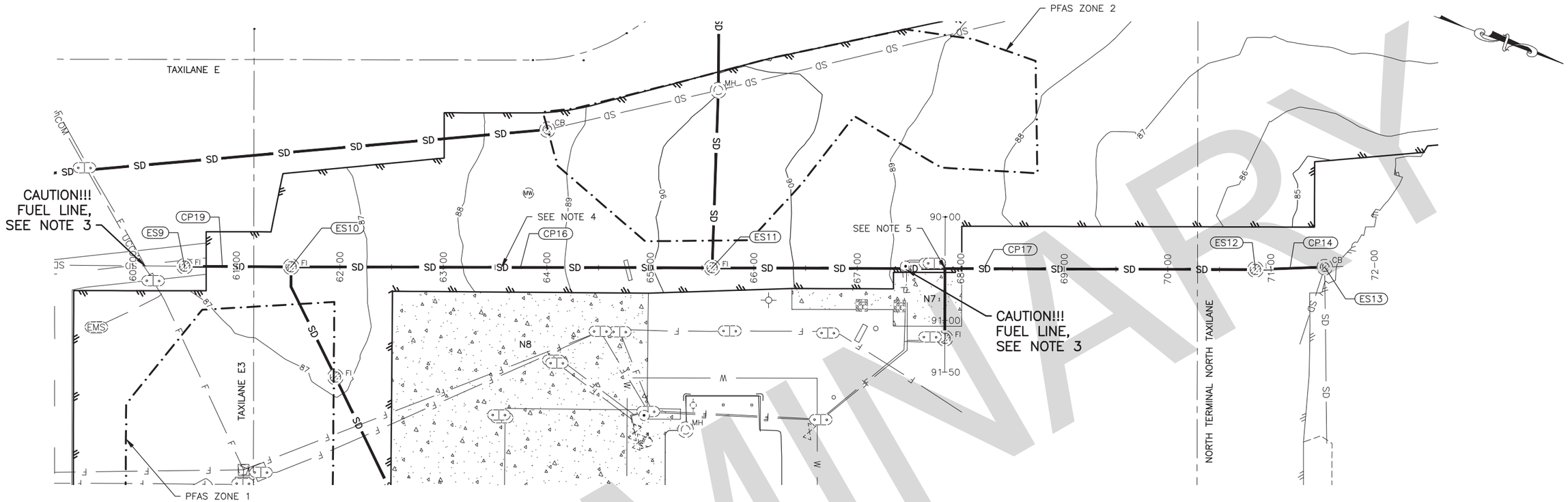
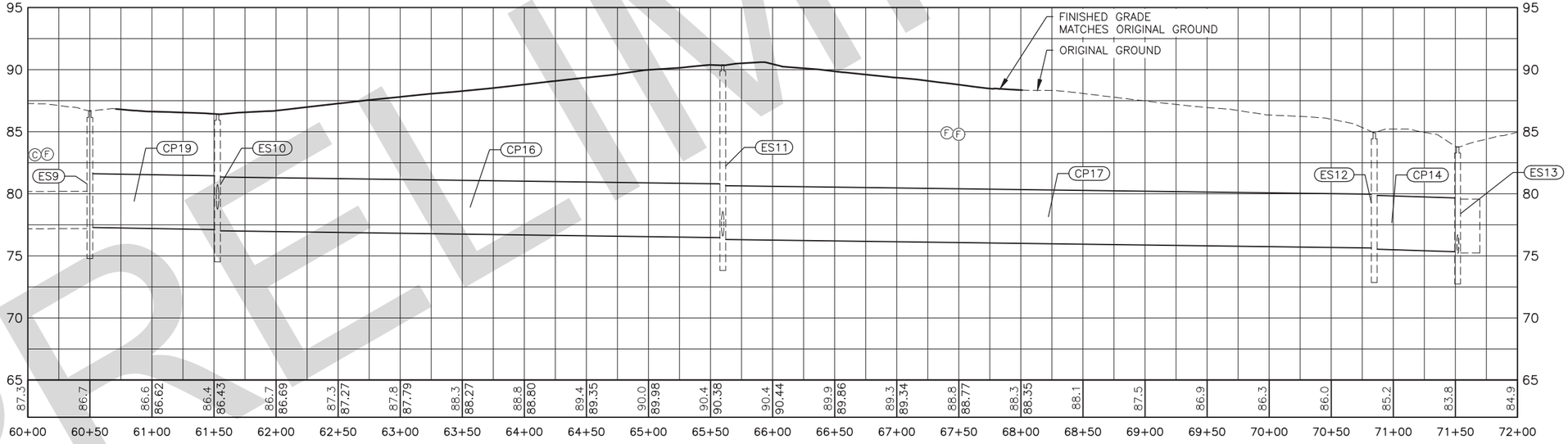
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3–02–0016–XXX–2021
TL E STORM DRAIN

DATE: SEPTEMBER 2021
SHEET: 37 OF 74





NOTES:

1. SEE SHEETS 5 FOR STORM DRAIN PIPE AND STRUCTURE SUMMARY TABLES.
2. ELEVATIONS OF SHALLOW UTILITIES SHOWN IN PROFILE ARE APPROXIMATE. NOTIFY ENGINEER IMMEDIATELY IF CONFLICT EXISTS.
3. ALL GROUND DISTURBING WORK WITHIN 10 FT OF THE FUEL LINES WILL REQUIRE A STAND–BY WATCH. SEE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.
4. TAP ENTERING PIPE IN 12:00 POSITION. PIPE IS CMP AND ASSUMED TO BE 12" DIAMETER. UPSTREAM STRUCTURE COULD NOT BE LOCATED. CONFIRM PIPE IS ABANDONED PRIOR TO INSTALLING CIPP LINER.
5. CP18 IS DIRECTLY CONNECTED TO CP17 AT THE 12:00 POSITION APPROXIMATELY 300 LF FROM ES12. CONTRACTOR SHALL INSTALL CIPP IN CP17 AND REINSTATE DOWNSTREAM END OF CP18 PRIOR TO INSTALLING CIPP IN CP18. CONTRACTOR SHALL REINSTATE USING ROBOTIC CUTTER OR MAN–ENTRY. FOLLOWING INSTALLATION OF CP18, CONTRACTOR SHALL REINSTATE THE PIPE AND EPOXY THE CONNECTION BETWEEN THE CIPP LINERS.

50' 25' 0 50' 100'
HORIZONTAL TO VERTICAL
SCALE RATIO 1:10

Designed By:	RB
Drawn By:	EH
Checked By:	SB

Date Revised:	9/3/2021 1:47 PM
Layout Name:	38
File Path and Name:	J:\JobsData\36118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Storm Drain P&P.dwg

PLANS DEVELOPED BY:
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562–3252
#AECL882–AK

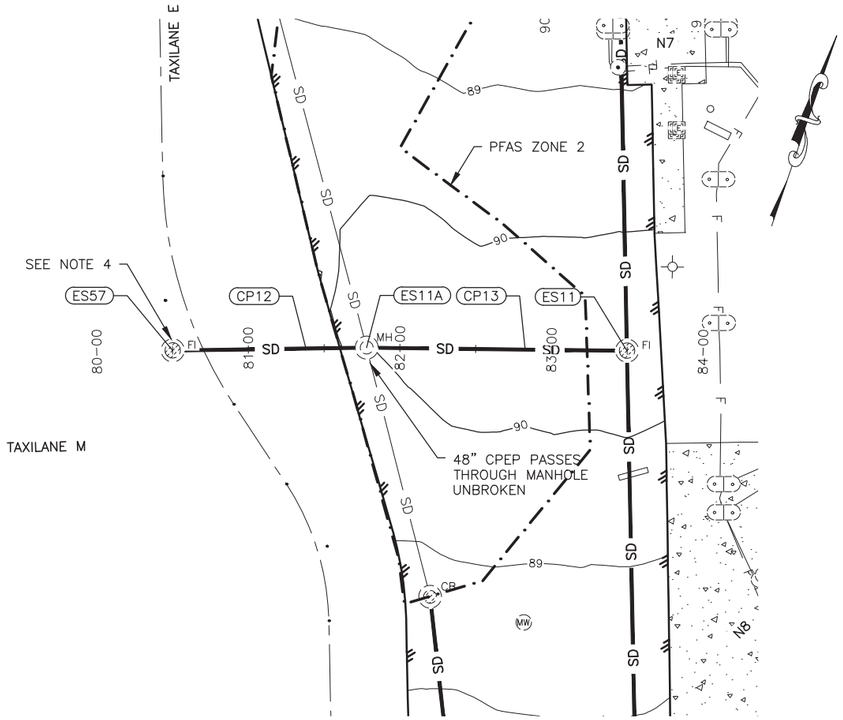
BY	DATE	REVISION

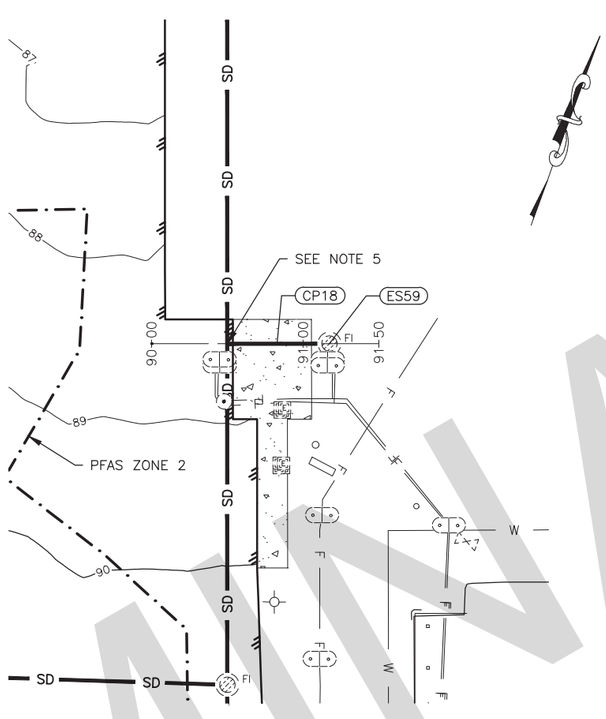
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

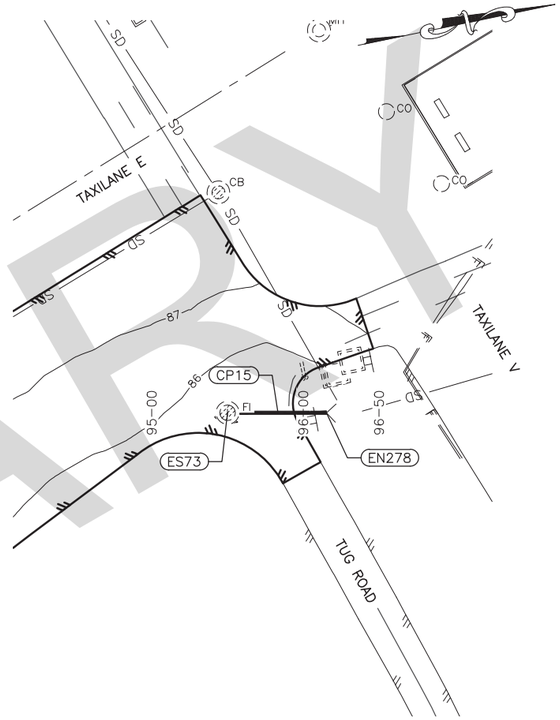
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3–02–0016–XXX–2021
TL E & NORTH TERMINAL STORM DRAIN

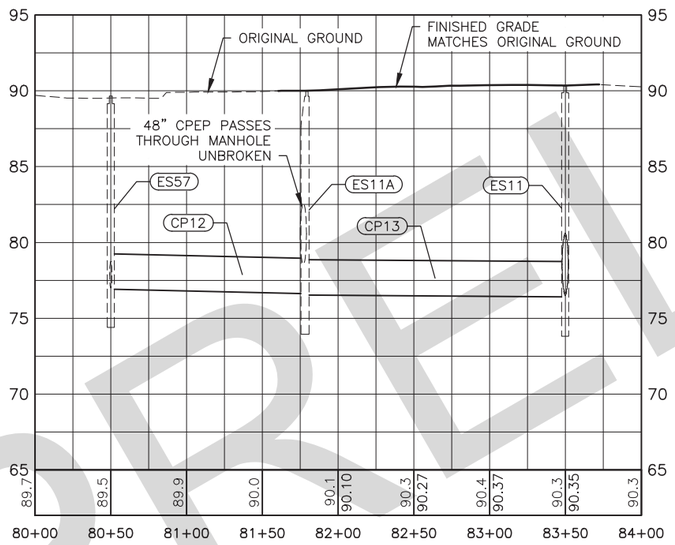
DATE: SEPTEMBER 2021

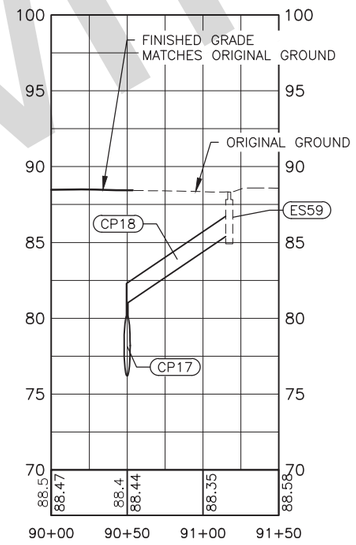
SHEET: 38 OF 74

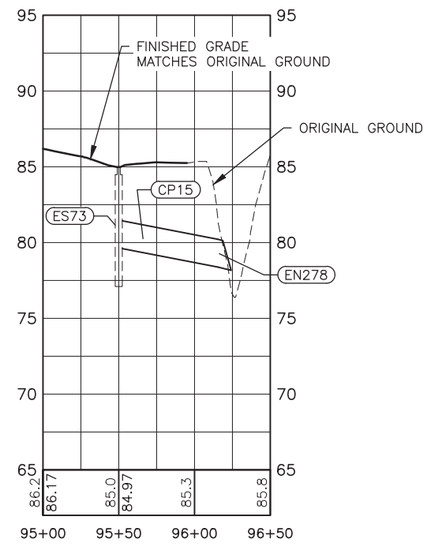












50' 25' 0 50' 100'

HORIZONTAL TO VERTICAL
SCALE RATIO 1:10

NOTES:

1. SEE SHEETS 5 FOR STORM DRAIN PIPE AND STRUCTURE SUMMARY TABLES.
2. ELEVATIONS OF SHALLOW UTILITIES SHOWN IN PROFILE ARE APPROXIMATE. NOTIFY ENGINEER IMMEDIATELY IF CONFLICT EXISTS.
3. ALL GROUND DISTURBING WORK WITHIN 10 FT OF THE FUEL LINES WILL REQUIRE A STAND–BY WATCH. SEE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.
4. SEE SHEET 40 FOR SURFACE RESTORATION DETAIL.
5. CP18 IS DIRECTLY CONNECTED TO CP17 AT THE 12:00 POSITION APPROXIMATELY 300 LF FROM ES12. CONTRACTOR SHALL INSTALL CIPP IN CP17 AND REINSTATE DOWSNTREAM END OF CP18 PRIOR TO INSTALLING CIPP IN CP18. CONTRACTOR SHALL REINSTATE USING ROBOTIC CUTTER OR MAN–ENTRY. FOLLOWING INSTALLATION OF CP18, CONTRACTOR SHALL REINSTATE THE PIPE AND EPOXY THE CONNECTION BETWEEN THE CIPP LINERS.

PLANS DEVELOPED BY:
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562–3252
#AECL882–AK

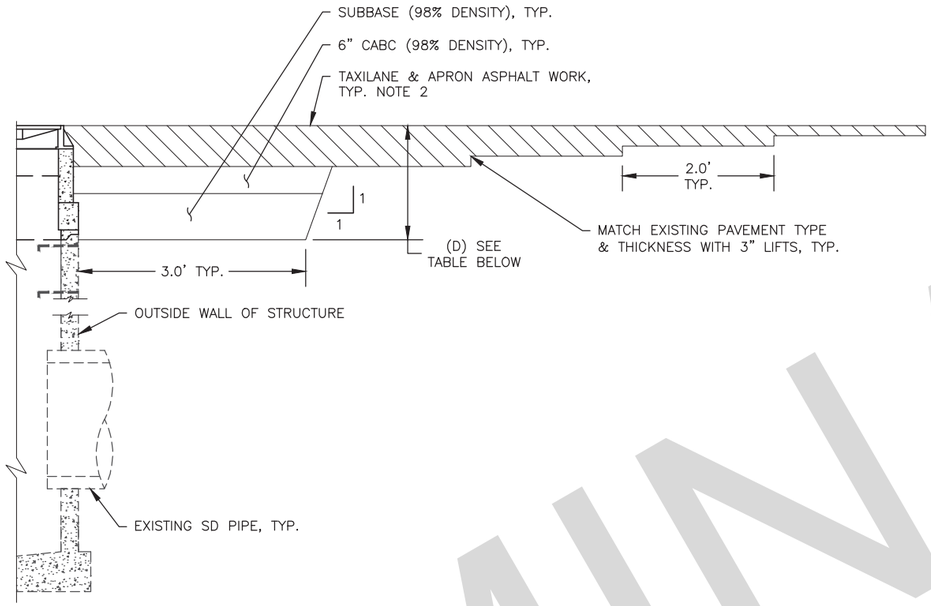
BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3–02–0016–XXX–2021
TL E & NORTH TERMINAL STORM DRAIN

DATE: SEPTEMBER 2021
SHEET: 39 OF 74

Designed By: RB
Drawn By: EH
Checked By: SB
Date Revised: 9/3/2021 1:53 PM
Layout Name: 39
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Storm Drain Storm Drain P&P.dwg



1/40 SURFACE RESTORATION DETAIL FOR CIPP WORK

SCALE: NTS

EXISTING MANHOLE/CATCHBASIN PROPERTIES			
STRUCTURE ID	MANHOLE TOP SECTION	DEPTH TO TOP OF BARREL (D)	CASTING TYPE
ES8A	REDUCING SLAB	35"	CATCH BASIN
ES8B	REDUCING SLAB	29"	CATCH BASIN
ES9	CONE	52"	FIELD INLET
ES10	CONE	42"	FIELD INLET
ES11	CONE	47"	FIELD INLET
ES11B	REDUCING SLAB	35"	CATCH BASIN
ES12	CONE	47"	FIELD INLET
ES13	REDUCING SLAB	28"	CATCH BASIN

NOTES:

1. REMOVE EXISTING COVER, FRAME, GRADE RINGS, CONE, AND REDUCING SLAB AS NECESSARY TO PERFORM CIPP LINING WORK. SEE PLANS FOR MANHOLE LOCATIONS AND EXISTING CONDITIONS.
2. SEE SITE PLAN AND TYPICAL SECTIONS FOR ASPHALT REHABILITATION AND RECONSTRUCTION WORK. PAYMENT FOR DEMOLITION WORK, SUBBASE, CABC, AND PAVEMENT REQUIRED TO REMOVE AND RESET EXISTING STORM DRAIN STRUCTURE COMPONENTS SHALL BE SUBSIDIARY TO THE APPLICABLE CIPP PAY ITEM.
3. CONTRACTOR SHALL ASBUILT ALL MANHOLES PRIOR TO BEGINNING DEMOLITION WORK REQUIRED FOR CIPP LINING AND REPLACE DAMAGED MANHOLE COMPONENTS AS NECESSARY AFTER LINING.

Designed By: RB
Drawn By: EH
Checked By: SB

Date Revised: 9/3/2021 1:29 PM
Layout Name: 40
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Storm Drain P&P.dwg

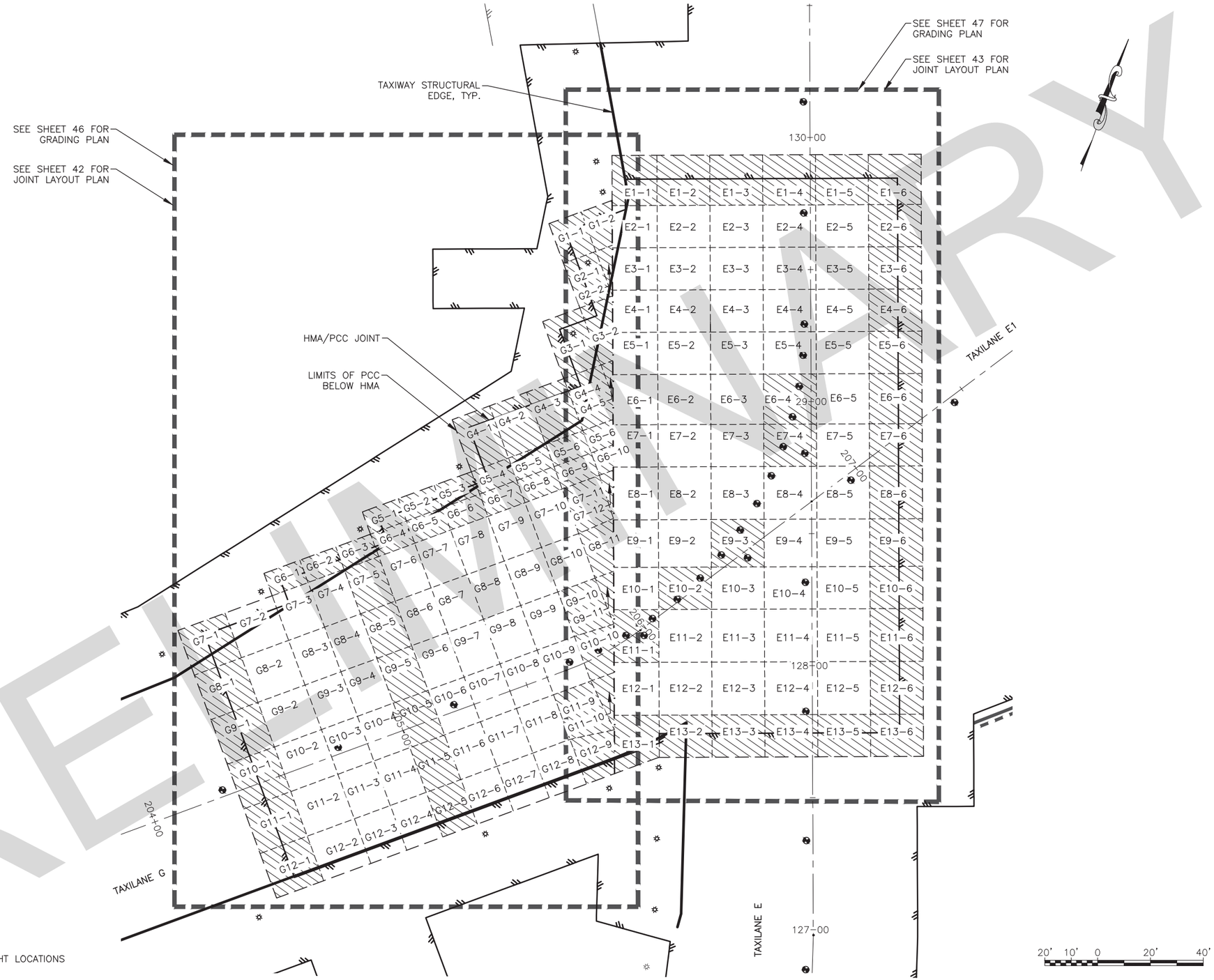
PLANS DEVELOPED BY:
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
STORM DRAIN DETAILS

DATE: SEPTEMBER 2021



NOTES:

1. SEE ELECTRICAL SHEETS FOR CENTERLINE AND EDGE LIGHT LOCATIONS AND INSTALLATION DETAILS.
2. REFER TO SUBSECTION P-501-4.11F IN THE SPECIFICATIONS FOR MORE INFORMATION ON PANEL NUMBERING.

Designed By:	MH
Drawn By:	CM
Checked By:	SB
Date Revised:	8/31/2021 1:43 PM
Layout Name:	41
File Path and Name:	J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Concrete Layout Plan.dwg

PLANS DEVELOPED BY:
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

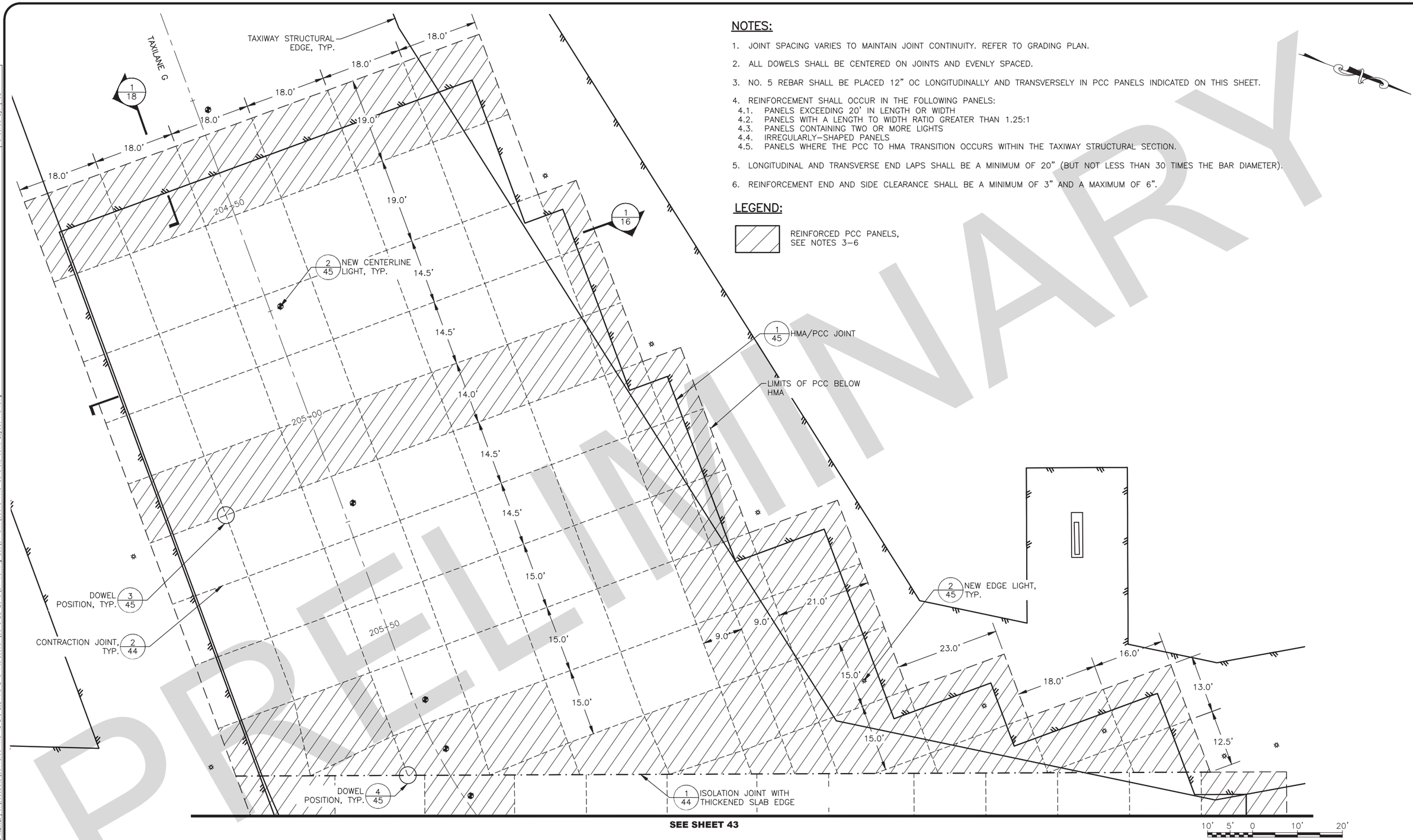
BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
CONCRETE LAYOUT PLAN

DATE: SEPTEMBER 2021

SHEET: 41 OF 74



NOTES:

1. JOINT SPACING VARIES TO MAINTAIN JOINT CONTINUITY. REFER TO GRADING PLAN.
2. ALL DOWELS SHALL BE CENTERED ON JOINTS AND EVENLY SPACED.
3. NO. 5 REBAR SHALL BE PLACED 12" OC LONGITUDINALLY AND TRANSVERSELY IN PCC PANELS INDICATED ON THIS SHEET.
4. REINFORCEMENT SHALL OCCUR IN THE FOLLOWING PANELS:
   - 4.1. PANELS EXCEEDING 20' IN LENGTH OR WIDTH
   - 4.2. PANELS WITH A LENGTH TO WIDTH RATIO GREATER THAN 1.25:1
   - 4.3. PANELS CONTAINING TWO OR MORE LIGHTS
   - 4.4. IRREGULARLY-SHAPED PANELS
   - 4.5. PANELS WHERE THE PCC TO HMA TRANSITION OCCURS WITHIN THE TAXIWAY STRUCTURAL SECTION.
5. LONGITUDINAL AND TRANSVERSE END LAPS SHALL BE A MINIMUM OF 20" (BUT NOT LESS THAN 30 TIMES THE BAR DIAMETER).
6. REINFORCEMENT END AND SIDE CLEARANCE SHALL BE A MINIMUM OF 3" AND A MAXIMUM OF 6".

LEGEND:

REINFORCED PCC PANELS, SEE NOTES 3-6

Designed By: MH
Drawn By: CM
Checked By: SB

Date Revised: 9/2/2021 9:51 AM
Layout Name: 42
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 civil\00675-ANC-Concrete Joint Layout Plan.dwg

PLANS DEVELOPED BY:
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
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BY	DATE	REVISION

STATE OF ALASKA
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4111 AVIATION AVE., ANCHORAGE ALASKA 99502
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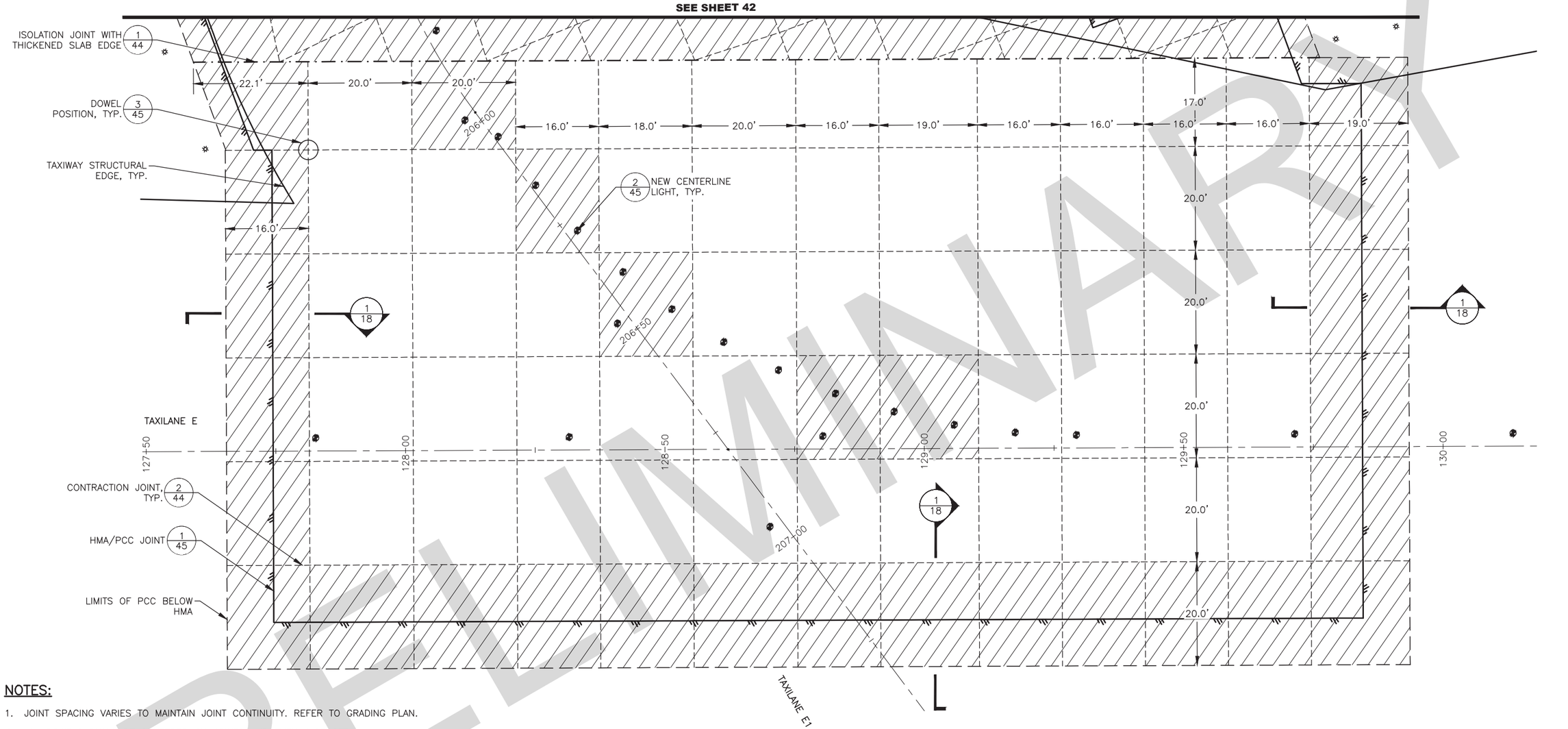
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
CONCRETE JOINT LAYOUT PLAN

DATE: SEPTEMBER 2021
SHEET: 42 OF 74



NOTES:

1. JOINT SPACING VARIES TO MAINTAIN JOINT CONTINUITY. REFER TO GRADING PLAN.
2. ALL DOWELS SHALL BE CENTERED ON JOINTS AND EVENLY SPACED.
3. NO. 5 REBAR SHALL BE PLACED 12" OC LONGITUDINALLY AND TRANSVERSELY IN PCC PANELS INDICATED ON THIS SHEET.
4. REINFORCEMENT SHALL OCCUR IN THE FOLLOWING PANELS:
   - 4.1. PANELS EXCEEDING 20' IN LENGTH OR WIDTH
   - 4.2. PANELS WITH A LENGTH TO WIDTH RATIO GREATER THAN 1.25:1
   - 4.3. PANELS CONTAINING TWO OR MORE LIGHTS
   - 4.4. IRREGULARLY-SHAPED PANELS
   - 4.5. PANELS WHERE THE PCC TO HMA TRANSITION OCCURS WITHIN THE TAXIWAY STRUCTURAL SECTION.
5. LONGITUDINAL AND TRANSVERSE END LAPS SHALL BE A MINIMUM OF 20" (BUT NOT LESS THAN 30 TIMES THE BAR DIAMETER).
6. REINFORCEMENT END AND SIDE CLEARANCE SHALL BE A MINIMUM OF 3" AND A MAXIMUM OF 6".

LEGEND:

REINFORCED PCC PANELS, SEE NOTES

Designed By:	MH
Drawn By:	CM
Checked By:	SB
Date Revised:	9/2/2021 9:51 AM
Layout Name:	43
File Path and Name:	J:\JobsData\30118.00 ANC TL E1, E3, And E-G intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Concrete Joint Layout Plan.dwg

PLANS DEVELOPED BY:
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PHONE (907) 269-0590

TED STEVENS ANCHORAGE
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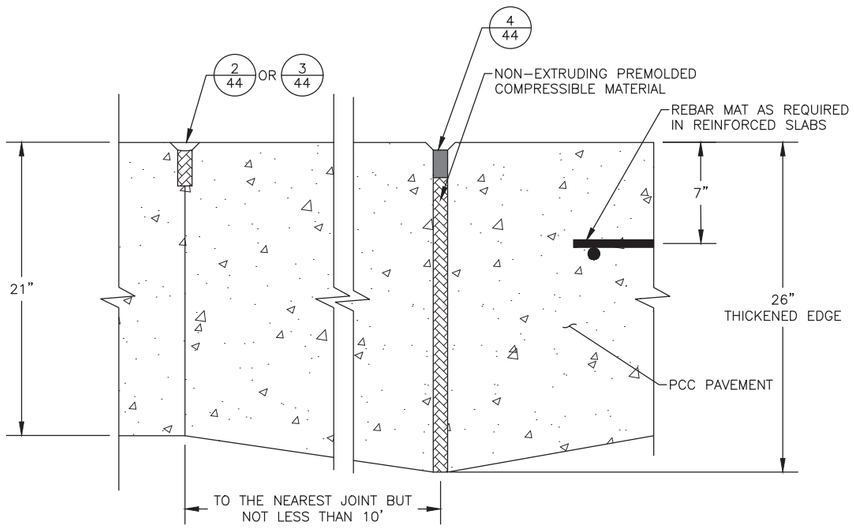
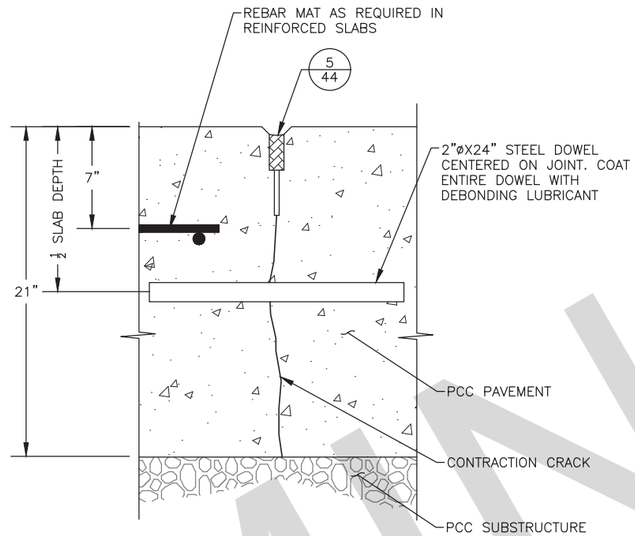
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
CONCRETE JOINT LAYOUT PLAN

DATE: SEPTEMBER 2021

SHEET: 43 OF 74



1/44 PCC ISOLATION JOINT
SCALE: GRAPHIC



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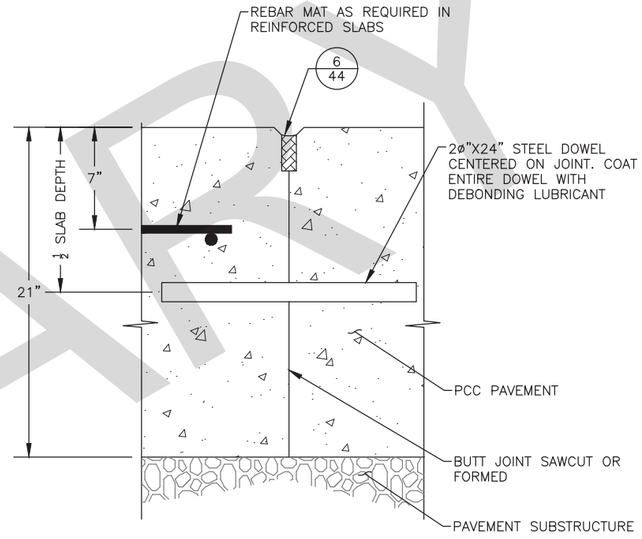
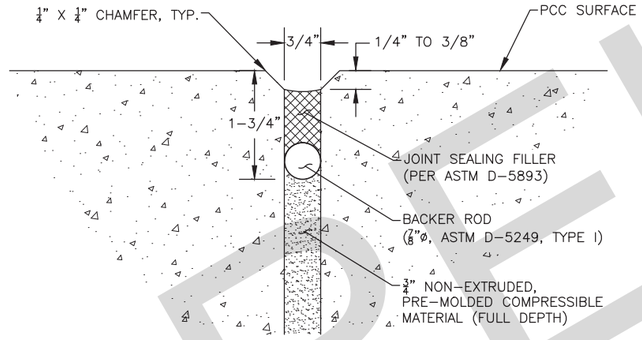
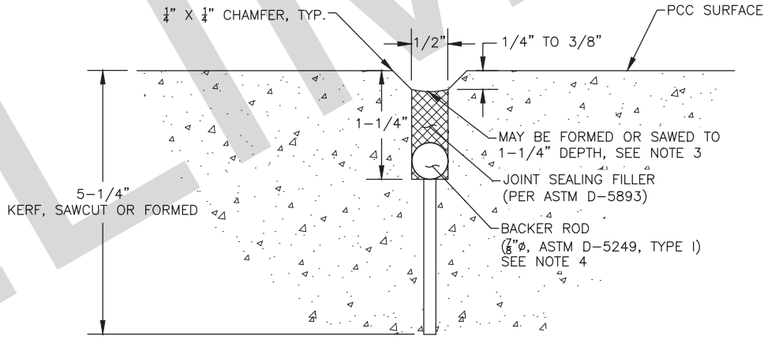


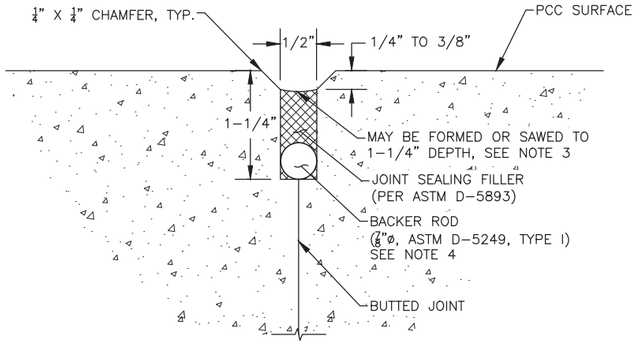
3/44 PCC CONSTRUCTION JOINT
SCALE: GRAPHIC



4/44 ISOLATION JOINT SEALANT DETAIL
SCALE: GRAPHIC



5/44 CONTRACTION JOINT SEALANT DETAIL
SCALE: GRAPHIC



6/44 CONSTRUCTION JOINT SEALANT DETAIL
SCALE: GRAPHIC

JOINT NOTES:

1. A CONSTRUCTION JOINT IS REQUIRED IF MORE THAN 30 MINUTES HAS ELAPSED BETWEEN POURS OR IF IT APPEARS THAT THE CONCRETE WILL OBTAIN ITS INITIAL SET BEFORE FRESH CONCRETE ARRIVES. SEE SPECIFICATION SECTION P–501 FOR DETAILS.
2. JOINT SEALING FILLER AND BACKER ROD DIMENSIONS SHALL BE PER SEAL MANUFACTURER'S RECOMMENDATIONS FOR OPTIMUM PERFORMANCE OR AS APPROVED BY THE ENGINEER.
3. RESERVOIRS FOR JOINT SEALS SHALL BE FORMED OR SAW CUT TO PROVIDE CONSISTENT WIDTH AND SMOOTH VERTICAL WALLS TO OPTIMIZE JOINT PERFORMANCE.
4. BACKER ROD SHALL BE COMPATIBLE WITH THE JOINT SEALING FILLER USED AS RECOMMENDED BY THE MANUFACTURER.

Designed By: MH
Drawn By: CM
Checked By: SB

Date Revised: 8/31/2021 4:24 PM
Layout Name: 44
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E–G Intersection\00 CADD 2019\01 Working Set\01 civil\00675–ANC–Concrete Layout Details.dwg

PLANS DEVELOPED BY:
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562–3252
#AECL882–AK

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

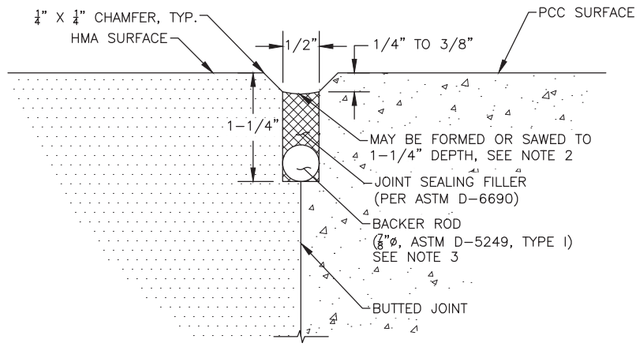
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3–02–0016–XXX–2021
CONCRETE DETAILS

DATE: SEPTEMBER 2021

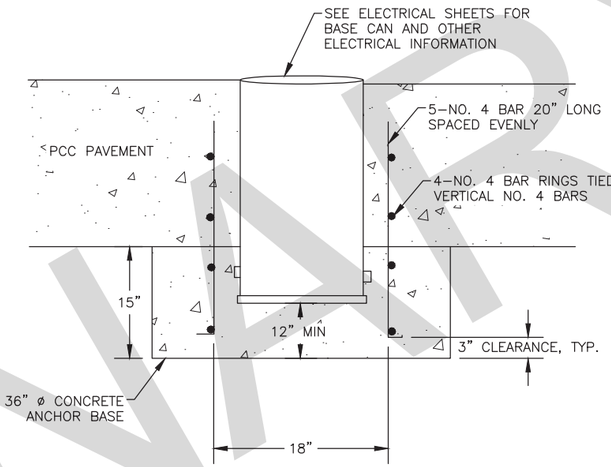
SHEET: 44 OF 74

JOINT NOTES:

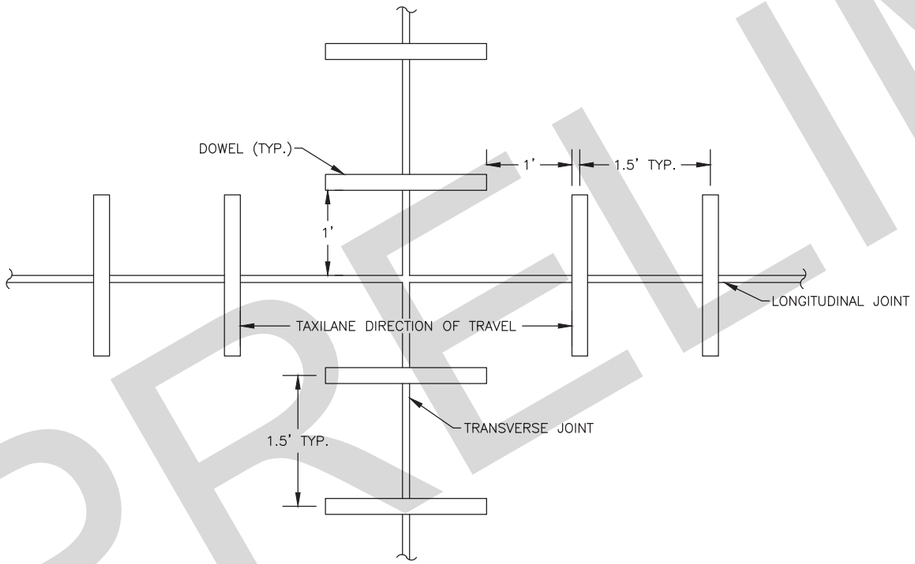
1. JOINT SEALING FILLER AND BACKER ROD DIMENSIONS SHALL BE PER SEAL MANUFACTURER'S RECOMMENDATIONS FOR OPTIMUM PERFORMANCE OR AS APPROVED BY THE ENGINEER.
2. RESERVOIRS FOR JOINT SEALS SHALL BE FORMED OR SAW CUT TO PROVIDE CONSISTENT WIDTH AND SMOOTH VERTICAL WALLS TO OPTIMIZE JOINT PERFORMANCE.
3. BACKER ROD SHALL BE COMPATIBLE WITH THE JOINT SEALING FILLER USED AS RECOMMENDED BY THE MANUFACTURER.



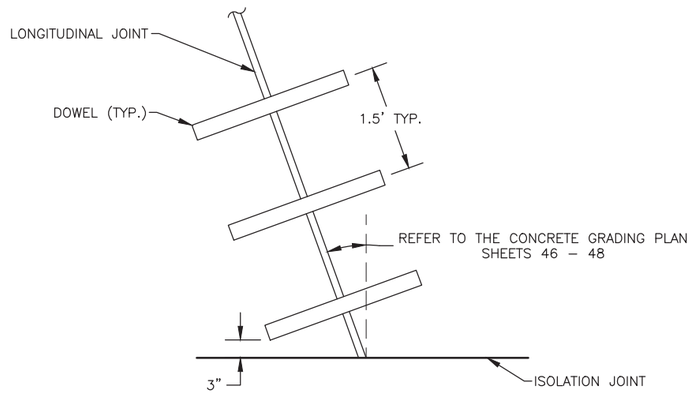
1/45 HMA TO PCC JOINT
SCALE: GRAPHIC



2/45 LIGHT CAN ANCHOR BASE DETAIL
SCALE: GRAPHIC



3/45 DOWEL POSITION DETAIL
SCALE: GRAPHIC



4/45 DOWEL POSITION DETAIL
SCALE: GRAPHIC

Designed By: MH
Drawn By: CM
Checked By: SB

Date Revised: 8/31/2021 4:24 PM
Layout Name: 45
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Concrete Layout Details.dwg

PLANS DEVELOPED BY:
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STATE OF ALASKA
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TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
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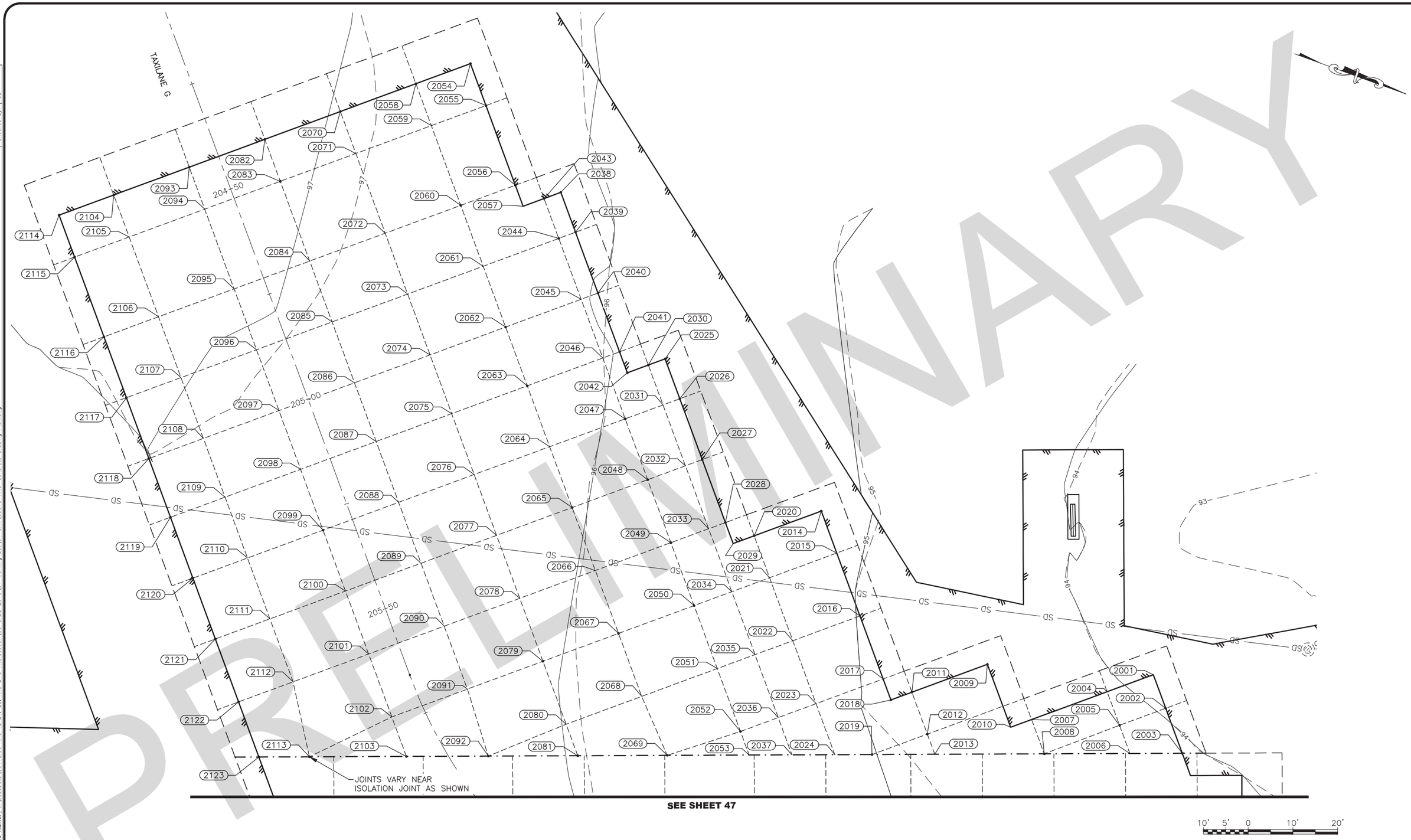
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
CONCRETE DETAILS

DATE: SEPTEMBER 2021
SHEET: 45 OF 74



NOTES:

1. SEE GRADING TABLES ON SHEET 48.

Designed By:	MH
Drawn By:	CM
Checked By:	SB

Date Revised:	9/2/2021 9:50 AM
Layout Name:	46
File Path and Name:	J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Concrete Grading Plan.dwg

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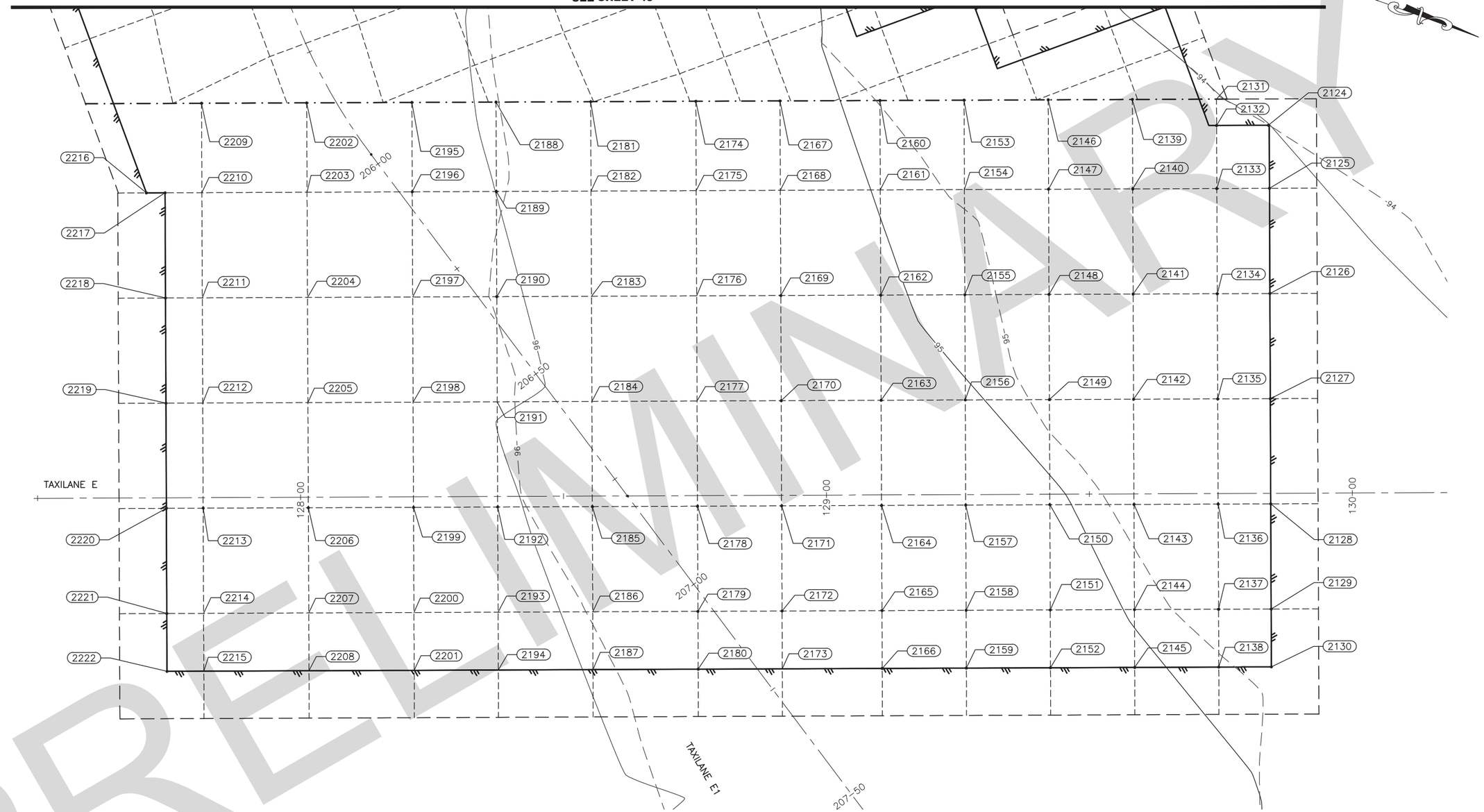
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
CONCRETE GRADING PLAN

DATE: SEPTEMBER 2021

SHEET: 46 OF 74

SEE SHEET 46



10' 5' 0 10' 20'

NOTES:

1. SEE GRADING TABLES ON SHEET 48.

Designed By:	MH
Drawn By:	CM
Checked By:	SB
Date Revised:	9/2/2021 9:50 AM
Layout Name:	47
File Path and Name:	J:\JobsDate\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Concrete Grading Plan.dwg

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ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
CONCRETE GRADING PLAN

DATE: SEPTEMBER 2021

GRADING POINTS

NUMBER	ALIGNMENT	STATION	OFFSET (FT)	ELEVATION (FT)
2001	TAXILANE E1	206+66.01	137.60 LT	93.85
2002	TAXILANE E1	206+73.67	135.30 LT	93.95
2003	TAXILANE E1	206+83.93	132.23 LT	94.07
2004	TAXILANE E1	206+62.85	127.06 LT	94.10
2005	TAXILANE E1	206+70.51	124.76 LT	94.20
2006	TAXILANE E1	206+76.94	122.84 LT	94.27
2007	TAXILANE E1	206+57.69	109.82 LT	94.50
2008	TAXILANE E1	206+65.51	107.47 LT	94.53
2009	TAXILANE E1	206+41.88	109.33 LT	94.52
2010	TAXILANE E1	206+56.25	105.03 LT	94.59
2011	TAXILANE E1	206+36.72	92.09 LT	94.84
2012	TAXILANE E1	206+46.30	89.22 LT	94.84
2013	TAXILANE E1	206+50.89	87.84 LT	94.84
2014	TAXILANE E1	205+63.21	99.00 LT	95.18
2015	TAXILANE E1	206+01.75	97.34 LT	95.10
2016	TAXILANE E1	206+16.12	93.03 LT	94.99
2017	TAXILANE E1	206+30.49	88.73 LT	94.93
2018	TAXILANE E1	206+35.28	87.30 LT	94.91
2019	TAXILANE E1	206+42.52	76.60 LT	95.02
2020	TAXILANE E1	205+63.21	83.00 LT	95.34
2021	TAXILANE E1	205+95.26	82.00 LT	95.28
2022	TAXILANE E1	206+11.53	77.71 LT	95.24
2023	TAXILANE E1	206+25.90	73.40 LT	95.13
2024	TAXILANE E1	206+37.55	69.92 LT	95.12
2025	TAXILANE E1	205+19.21	78.00 LT	95.69
2026	TAXILANE E1	205+28.71	78.00 LT	95.60
2027	TAXILANE E1	205+43.21	78.00 LT	95.51
2028	TAXILANE E1	205+58.21	78.00 LT	95.42
2029	TAXILANE E1	205+63.21	78.00 LT	95.49
2030	TAXILANE E1	205+19.21	74.00 LT	95.74
2031	TAXILANE E1	205+28.71	74.00 LT	95.66
2032	TAXILANE E1	205+43.21	74.00 LT	95.67
2033	TAXILANE E1	205+58.21	74.00 LT	95.58
2034	TAXILANE E1	205+88.13	73.25 LT	95.47
2035	TAXILANE E1	206+08.95	69.09 LT	95.36
2036	TAXILANE E1	206+23.32	64.78 LT	95.27
2037	TAXILANE E1	206+31.83	62.24 LT	95.25
2038	TAXILANE E1	204+76.21	69.00 LT	96.23
2039	TAXILANE E1	204+85.71	69.00 LT	96.13
2040	TAXILANE E1	205+00.21	69.00 LT	95.98
2041	TAXILANE E1	205+14.21	69.00 LT	95.88
2042	TAXILANE E1	205+19.21	69.00 LT	95.90
2043	TAXILANE E1	204+76.21	65.00 LT	96.26
2044	TAXILANE E1	204+85.71	65.00 LT	96.16
2045	TAXILANE E1	205+00.21	65.00 LT	96.09
2046	TAXILANE E1	205+14.21	65.00 LT	96.03
2047	TAXILANE E1	205+28.71	65.00 LT	95.92
2048	TAXILANE E1	205+43.21	65.00 LT	95.82

GRADING POINTS

NUMBER	ALIGNMENT	STATION	OFFSET (FT)	ELEVATION (FT)
2049	TAXILANE E1	205+58.21	65.00 LT	95.70
2050	TAXILANE E1	205+83.75	64.39 LT	95.59
2051	TAXILANE E1	206+06.37	60.46 LT	95.48
2052	TAXILANE E1	206+20.74	56.16 LT	95.40
2053	TAXILANE E1	206+26.11	54.55 LT	95.39
2054	TAXILANE E1	204+42.21	60.00 LT	96.54
2055	TAXILANE E1	204+52.21	60.00 LT	96.53
2056	TAXILANE E1	204+71.21	60.00 LT	96.35
2057	TAXILANE E1	204+76.21	60.00 LT	96.33
2058	TAXILANE E1	204+42.21	47.00 LT	96.81
2059	TAXILANE E1	204+52.21	47.00 LT	96.73
2060	TAXILANE E1	204+71.21	47.00 LT	96.59
2061	TAXILANE E1	204+85.71	47.00 LT	96.48
2062	TAXILANE E1	205+00.21	47.00 LT	96.37
2063	TAXILANE E1	205+14.21	47.00 LT	96.27
2064	TAXILANE E1	205+28.71	47.00 LT	96.16
2065	TAXILANE E1	205+43.21	47.00 LT	96.05
2066	TAXILANE E1	205+58.21	47.00 LT	95.94
2067	TAXILANE E1	205+78.68	46.57 LT	95.83
2068	TAXILANE E1	206+01.21	43.22 LT	95.72
2069	TAXILANE E1	206+15.17	39.86 LT	95.66
2070	TAXILANE E1	204+42.21	29.00 LT	96.97
2071	TAXILANE E1	204+52.21	29.00 LT	96.92
2072	TAXILANE E1	204+71.21	29.00 LT	96.81
2073	TAXILANE E1	204+85.71	29.00 LT	96.72
2074	TAXILANE E1	205+00.21	29.00 LT	96.61
2075	TAXILANE E1	205+14.21	29.00 LT	96.51
2076	TAXILANE E1	205+28.71	29.00 LT	96.40
2077	TAXILANE E1	205+43.21	29.00 LT	96.29
2078	TAXILANE E1	205+58.21	29.00 LT	96.18
2079	TAXILANE E1	205+75.84	28.66 LT	96.06
2080	TAXILANE E1	205+95.49	25.96 LT	95.99
2081	TAXILANE E1	206+03.23	23.82 LT	95.96
2082	TAXILANE E1	204+42.21	11.00 LT	97.12
2083	TAXILANE E1	204+52.21	11.00 LT	97.06
2084	TAXILANE E1	204+71.21	11.00 LT	96.95
2085	TAXILANE E1	204+85.71	11.00 LT	96.87
2086	TAXILANE E1	205+00.21	11.00 LT	96.79
2087	TAXILANE E1	205+14.21	11.00 LT	96.71
2088	TAXILANE E1	205+28.71	11.00 LT	96.62
2089	TAXILANE E1	205+43.21	11.00 LT	96.52
2090	TAXILANE E1	205+58.21	11.00 LT	96.41
2091	TAXILANE E1	205+74.02	10.72 LT	96.31
2092	TAXILANE E1	205+90.80	7.57 LT	96.26
2093	TAXILANE E1	204+42.21	7.00 RT	97.22
2094	TAXILANE E1	204+52.21	7.00 RT	97.16
2095	TAXILANE E1	204+71.21	7.00 RT	97.05
2096	TAXILANE E1	204+85.71	7.00 RT	96.97

GRADING POINTS

NUMBER	ALIGNMENT	STATION	OFFSET (FT)	ELEVATION (FT)
2097	TAXILANE E1	205+00.21	7.00 RT	96.88
2098	TAXILANE E1	205+14.21	7.00 RT	96.80
2099	TAXILANE E1	205+28.71	7.00 RT	96.72
2100	TAXILANE E1	205+43.21	7.00 RT	96.64
2101	TAXILANE E1	205+58.21	7.00 RT	96.55
2102	TAXILANE E1	205+72.76	7.23 RT	96.47
2103	TAXILANE E1	205+81.51	8.20 RT	96.41
2104	TAXILANE E1	204+42.21	25.00 RT	97.32
2105	TAXILANE E1	204+52.21	25.00 RT	97.25
2106	TAXILANE E1	204+71.21	25.00 RT	97.12
2107	TAXILANE E1	204+85.71	25.00 RT	97.02
2108	TAXILANE E1	205+00.21	25.00 RT	96.92
2109	TAXILANE E1	205+14.21	25.00 RT	96.82
2110	TAXILANE E1	205+28.71	25.00 RT	96.73
2111	TAXILANE E1	205+43.21	25.00 RT	96.65
2112	TAXILANE E1	205+58.21	25.00 RT	96.57
2113	TAXILANE E1	205+73.32	27.71 RT	96.48
2114	TAXILANE E1	204+42.21	38.00 RT	97.41
2115	TAXILANE E1	204+52.21	38.00 RT	97.34
2116	TAXILANE E1	204+71.21	38.00 RT	97.19
2117	TAXILANE E1	204+85.71	38.00 RT	97.08
2118	TAXILANE E1	205+00.21	38.00 RT	96.97
2119	TAXILANE E1	205+14.21	38.00 RT	96.87
2120	TAXILANE E1	205+28.71	38.00 RT	96.76
2121	TAXILANE E1	205+43.21	38.00 RT	96.66
2122	TAXILANE E1	205+58.21	38.00 RT	96.57
2123	TAXILANE E1	205+69.92	38.10 RT	96.51

GRADING POINTS

NUMBER	ALIGNMENT	STATION	OFFSET (FT)	ELEVATION (FT)
2124	TAXILANE E1	206+95.79	139.79 LT	94.00
2125	TAXILANE E1	207+05.51	132.75 LT	94.10
2126	TAXILANE E1	207+21.56	120.80 LT	94.27
2127	TAXILANE E1	207+37.60	108.86 LT	94.45
2128	TAXILANE E1	207+53.64	96.92 LT	94.61
2129	TAXILANE E1	207+69.68	84.97 LT	94.74
2130	TAXILANE E1	207+78.51	78.41 LT	94.82
2131	TAXILANE E1	206+85.90	134.88 LT	94.02
2132	TAXILANE E1	206+89.91	131.89 LT	94.11
2133	TAXILANE E1	206+99.54	124.72 LT	94.20
2134	TAXILANE E1	207+15.58	112.78 LT	94.38
2135	TAXILANE E1	207+31.63	100.84 LT	94.55
2136	TAXILANE E1	207+47.67	88.89 LT	94.71
2137	TAXILANE E1	207+63.71	76.95 LT	94.83
2138	TAXILANE E1	207+72.53	70.38 LT	94.91
2139	TAXILANE E1	206+76.35	122.04 LT	94.29
2140	TAXILANE E1	206+89.99	111.89 LT	94.37

GRADING POINTS

NUMBER	ALIGNMENT	STATION	OFFSET (FT)	ELEVATION (FT)
2141	TAXILANE E1	207+06.03	99.95 LT	94.54
2142	TAXILANE E1	207+22.07	88.00 LT	94.71
2143	TAXILANE E1	207+38.11	76.06 LT	94.88
2144	TAXILANE E1	207+54.16	64.12 LT	94.98
2145	TAXILANE E1	207+62.98	57.55 LT	95.06
2146	TAXILANE E1	206+66.80	109.21 LT	94.50
2147	TAXILANE E1	206+80.43	99.06 LT	94.57
2148	TAXILANE E1	206+96.47	87.11 LT	94.70
2149	TAXILANE E1	207+12.52	75.17 LT	94.88
2150	TAXILANE E1	207+28.56	63.23 LT	95.04
2151	TAXILANE E1	207+44.60	51.28 LT	95.14
2152	TAXILANE E1	207+53.42	44.71 LT	95.20
2153	TAXILANE E1	206+57.24	96.37 LT	94.70
2154	TAXILANE E1	206+70.88	86.22 LT	94.78
2155	TAXILANE E1	206+86.92	74.28 LT	94.87
2156	TAXILANE E1	207+02.96	62.34 LT	95.04
2157	TAXILANE E1	207+19.00	50.39 LT	95.20
2158	TAXILANE E1	207+35.05	38.45 LT	95.31
2159	TAXILANE E1	207+43.87	31.88 LT	95.36
2160	TAXILANE E1	206+47.69	83.54 LT	94.91
2161	TAXILANE E1	206+61.32	73.39 LT	94.98
2162	TAXILANE E1	206+77.37	61.44 LT	95.07
2163	TAXILANE E1	206+93.41	49.50 LT	95.20
2164	TAXILANE E1	207+09.45	37.56 LT	95.37
2165	TAXILANE E1	207+25.49	25.62 LT	95.47
2166	TAXILANE E1	207+34.32	19.05 LT	95.53
2167	TAXILANE E1	206+36.34	68.30 LT	95.15
2168	TAXILANE E1	206+49.98	58.15 LT	95.22
2169	TAXILANE E1	206+66.02	46.20 LT	95.31
2170	TAXILANE E1	206+82.06	34.26 LT	95.40
2171	TAXILANE E1	206+98.10	22.32 LT	95.56
2172	TAXILANE E1	207+14.15	10.37 LT	95.66
2173	TAXILANE E1	207+22.97	3.81 LT	95.72
2174	TAXILANE E1	206+26.79	55.46 LT	95.38
2175	TAXILANE E1	206+40.42	45.31 LT	95.44
2176	TAXILANE E1	206+56.46	33.37 LT	95.51
2177	TAXILANE E1	206+72.51	21.43 LT	95.60
2178	TAXILANE E1	206+88.55	9.48 LT	95.72
2179	TAXILANE E1	207+04.59	2.46 RT	95.82
2180	TAXILANE E1	207+13.42	9.03 RT	95.85
2181	TAXILANE E1	206+14.84	39.42 LT	95.67
2182	TAXILANE E1	206+28.48	29.27 LT	95.73
2183	TAXILANE E1	206+44.52	17.33 LT	95.81
2184	TAXILANE E1	206+60.56	5.38 LT	95.88
2185	TAXILANE E1	206+76.61	6.56 RT	95.90
2186	TAXILANE E1	206+92.65	18.50 RT	95.96
2187	TAXILANE E1	207+01.47	25.07 RT	95.99
2188	TAXILANE E1	206+04.09	24.98 LT	95.94

GRADING POINTS

NUMBER	ALIGNMENT	STATION	OFFSET (FT)	ELEVATION (FT)
2189	TAXILANE E1	206+17.73	14.83 LT	96.00
2190	TAXILANE E1	206+33.77	2.89 LT	96.07
2191	TAXILANE E1	206+49.82	9.05 RT	96.02
2192	TAXILANE E1	206+65.86	21.00 RT	96.03
2193	TAXILANE E1	206+81.90	32.94 RT	96.08
2194	TAXILANE E1	206+90.72	39.51 RT	96.12
2195	TAXILANE E1	205+94.13	12.09 LT	96.18
2196	TAXILANE E1	206+08.18	2.00 LT	96.23
2197	TAXILANE E1	206+24.22	9.95 RT	96.16
2198	TAXILANE E1	206+40.26	21.89 RT	96.11
2199	TAXILANE E1	206+56.30	33.83 RT	96.15
2200	TAXILANE E1	206+72.35	45.77 RT	96.20
2201	TAXILANE E1	206+81.17	52.34 RT	96.23
2202	TAXILANE E1	205+83.20	4.91 RT	96.40
2203	TAXILANE E1	205+96.41	14.05 RT	96.32
2204	TAXILANE E1	206+12.28	25.99 RT	96.23
2205	TAXILANE E1	206+28.32	37.93 RT	96.25
2206	TAXILANE E1	206+44.36	49.87 RT	96.30
2207	TAXILANE E1	206+60.40	61.82 RT	96.34
2208	TAXILANE E1	206+69.23	68.39 RT	96.37
2209	TAXILANE E1	205+75.15	22.74 RT	96.46
2210	TAXILANE E1	205+87.23	30.74 RT	96.39
2211	TAXILANE E1	206+00.33	42.03 RT	96.35
2212	TAXILANE E1	206+16.38	53.97 RT	96.40
2213	TAXILANE E1	206+32.42	65.92 RT	96.44
2214	TAXILANE E1	206+48.46	77.86 RT	96.49
2215	TAXILANE E1	206+57.28	84.43 RT	96.51
2216	TAXILANE E1	205+83.22	39.87 RT	96.40
2217	TAXILANE E1	205+84.52	36.77 RT	96.41
2218	TAXILANE E1	205+96.66	47.65 RT	96.41
2219	TAXILANE E1	206+12.20	59.58 RT	96.45
2220	TAXILANE E1	206+28.24	71.53 RT	96.50
2221	TAXILANE E1	206+44.28	83.47 RT	96.54
2222	TAXILANE E1	206+53.11	90.04 RT	96.57

Designed By: MH
Drawn By: CM
Checked By: SB

Date Revised:
Layout Name: 48
File Path and Name: J:\JobsData\J01118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Concrete Grading Plan.dwg

PLANS DEVELOPED BY:
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

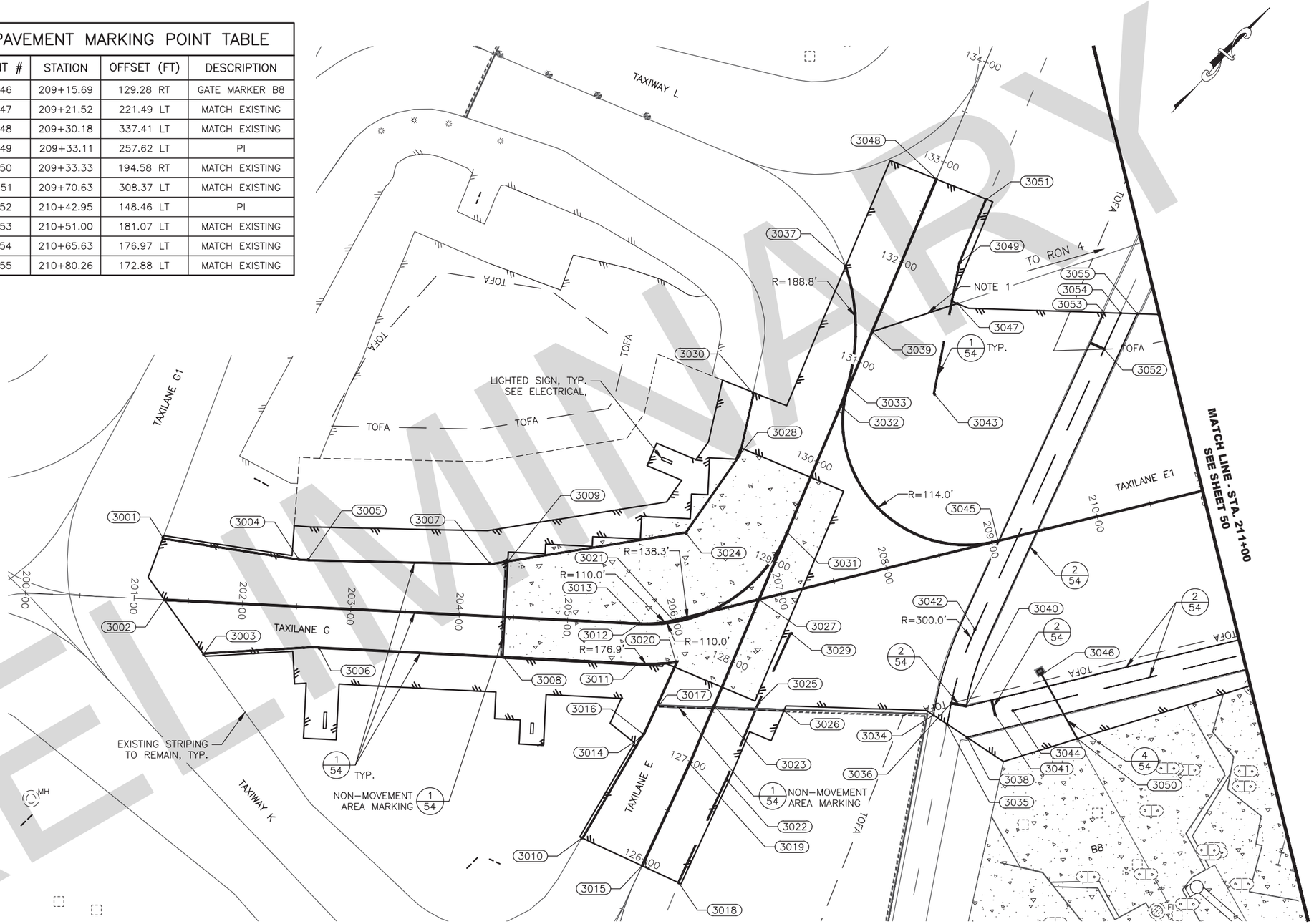
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
CONCRETE GRADING TABLES

DATE: SEPTEMBER 2021

SHEET: 48 OF 74

PAVEMENT MARKING POINT TABLE			
POINT #	STATION	OFFSET (FT)	DESCRIPTION
3001	201+23.69	57.07 LT	MATCH EXISTING
3002	201+27.89	0.00 RT	MATCH EXISTING
3003	201+66.44	48.38 RT	MATCH EXISTING
3004	202+49.36	44.00 LT	PI
3005	202+58.54	43.78 LT	PI
3006	202+72.73	37.50 RT	PI
3007	204+25.68	48.70 LT	PI
3008	204+41.32	35.50 RT	HOLD LINE
3009	204+41.40	49.99 LT	HOLD LINE
3010	205+23.33	199.85 RT	MATCH EXISTING
3011	205+65.81	37.50 RT	PC
3012	205+65.81	0.00 RT	PC
3013	205+68.13	0.02 RT	PC
3014	205+68.85	105.83 RT	PI
3015	205+70.50	223.08 RT	MATCH EXISTING
3016	205+70.51	101.65 RT	PI
3017	205+79.03	75.68 RT	HOLD LINE
3018	205+81.17	240.15 RT	MATCH EXISTING
3019	205+90.14	132.34 RT	PI
3020	205+92.67	38.66 RT	PT
3021	205+97.82	0.00 LT	PT
3022	206+10.40	154.52 RT	PI
3023	206+15.50	85.29 RT	PI
3024	206+28.45	75.18 LT	PI
3025	206+56.57	92.50 RT	PI
3026	206+76.82	105.08 RT	MATCH EXISTING
3027	206+79.00	0.00 LT	PI
3028	206+92.42	133.04 LT	PI
3029	207+00.57	37.50 RT	PI
3030	207+19.00	186.24 LT	MATCH EXISTING
3031	207+19.09	53.86 LT	PT
3032	207+94.48	155.12 LT	PT
3033	208+05.26	171.44 LT	PC
3034	208+09.74	141.81 RT	MATCH EXISTING
3035	208+20.02	152.94 RT	MATCH EXISTING
3036	208+28.31	135.00 RT	PC
3037	208+29.80	279.60 LT	PC, MATCH EXISTING
3038	208+34.86	169.01 RT	MATCH EXISTING
3039	208+39.31	215.04 LT	PI
3040	208+41.01	140.89 RT	PI
3041	208+65.11	155.32 RT	PI
3042	208+65.74	74.35 RT	PT
3043	208+81.29	145.35 LT	PI
3044	208+81.81	155.12 RT	PI
3045	209+05.98	0.00 RT	PT

PAVEMENT MARKING POINT TABLE			
POINT #	STATION	OFFSET (FT)	DESCRIPTION
3046	209+15.69	129.28 RT	GATE MARKER B8
3047	209+21.52	221.49 LT	MATCH EXISTING
3048	209+30.18	337.41 LT	MATCH EXISTING
3049	209+33.11	257.62 LT	PI
3050	209+33.33	194.58 RT	MATCH EXISTING
3051	209+70.63	308.37 LT	MATCH EXISTING
3052	210+42.95	148.46 LT	PI
3053	210+51.00	181.07 LT	MATCH EXISTING
3054	210+65.63	176.97 LT	MATCH EXISTING
3055	210+80.26	172.88 LT	MATCH EXISTING



NOTES:

1. PROVIDE LEAD IN LINE ONLY FOR RON 4 PER DETAIL 4, SHEET 54.

LEGEND:

PORTLAND CEMENT CONCRETE PAVEMENT

EXISTING CONCRETE TO REMAIN

50' 25' 0 50' 100'

Designed By: MH
Drawn By: KY
Checked By: SB

Date Revised: 9/3/2021 11:51 AM
Layout Name: 49
File Path and Name: J:\Jobs\Data\30118.00 ANC TL E1, E3, And E-G Intersection\06 CADD 2019\01 Working Set\01 Civil\00675-ANC-Pavement Marking Plan.dwg

PLANS DEVELOPED BY:
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

BY	DATE	REVISION

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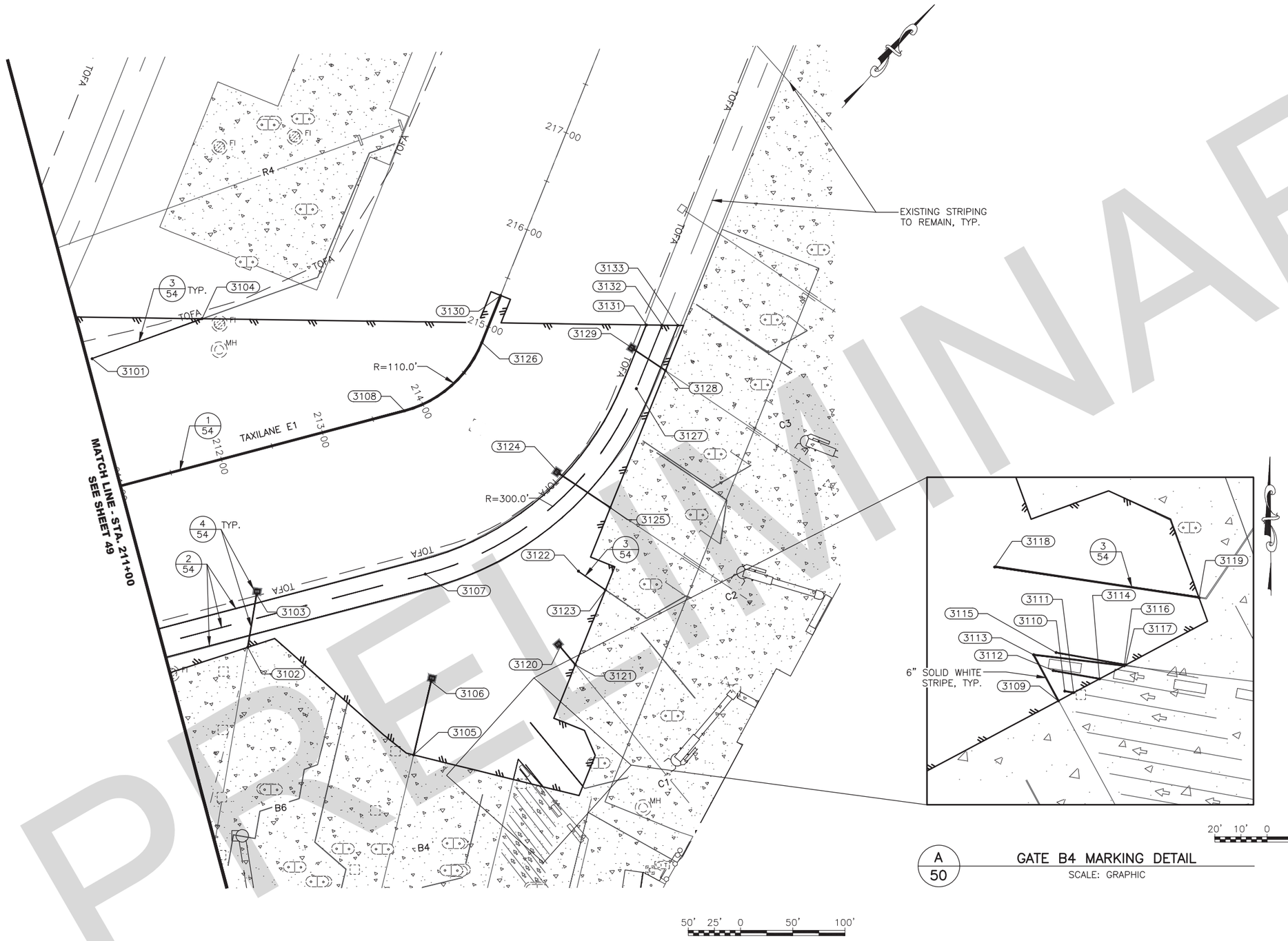
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
TL E1 PAVEMENT MARKING PLAN – STA 200+00 TO STA 211+00

DATE: SEPTEMBER 2021
SHEET: 49 OF 74



A / 50 GATE B4 MARKING DETAIL
SCALE: GRAPHIC

PAVEMENT MARKING POINT TABLE			
POINT #	STATION	OFFSET (FT)	DESCRIPTION
3101	211+05.12	124.69 LT	PI
3102	211+78.37	180.43 RT	MATCH EXISTING
3103	211+99.48	133.83 RT	GATE MARKER B6
3104	212+16.52	134.85 LT	MATCH EXISTING
3105	213+05.41	320.67 RT	MATCH EXISTING
3106	213+39.62	256.98 RT	GATE MARKER B4
3107	213+60.56	156.22 RT	PC
3108	213+81.38	0.00 RT	PC
3109	213+83.75	367.92 RT	MATCH EXISTING
3110	213+84.78	368.06 RT	PI
3111	213+85.07	371.29 RT	MATCH EXISTING
3112	213+85.81	360.20 RT	PI
3113	213+86.13	350.65 RT	PI
3114	213+87.25	377.10 RT	MATCH EXISTING
3115	213+87.33	357.65 RT	PI
3116	213+89.28	382.79 RT	MATCH EXISTING
3117	213+89.40	383.13 RT	MATCH EXISTING
3118	213+91.54	321.22 RT	PI
3119	213+97.25	396.50 RT	MATCH EXISTING
3120	214+06.80	266.38 RT	GATE MARKER C1
3121	214+08.04	288.55 RT	MATCH EXISTING
3122	214+23.60	214.53 RT	PI
3123	214+26.63	244.63 RT	MATCH EXISTING
3124	214+42.44	132.50 RT	GATE MARKER C2
3125	214+46.01	190.31 RT	MATCH EXISTING
3126	214+83.71	0.00 RT	PT
3127	214+97.80	153.67 RT	PT
3128	215+24.24	173.06 RT	MATCH EXISTING
3129	215+31.75	137.77 RT	GATE MARKER C3
3130	215+32.18	0.09 LT	MATCH EXISTING
3131	215+57.96	139.87 RT	MATCH EXISTING
3132	215+63.36	153.88 RT	MATCH EXISTING
3133	215+68.76	167.90 RT	MATCH EXISTING

LEGEND:

EXISTING CONCRETE TO REMAIN

Designed By: MH
Drawn By: KY
Checked By: SB

Date Revised: 9/3/2021 11:51 AM
Layout Name: 50
File Path and Name: J:\Jobs\Data\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 civil\00675-ANC-Pavement Marking Plan.dwg

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CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

BY	DATE	REVISION

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CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
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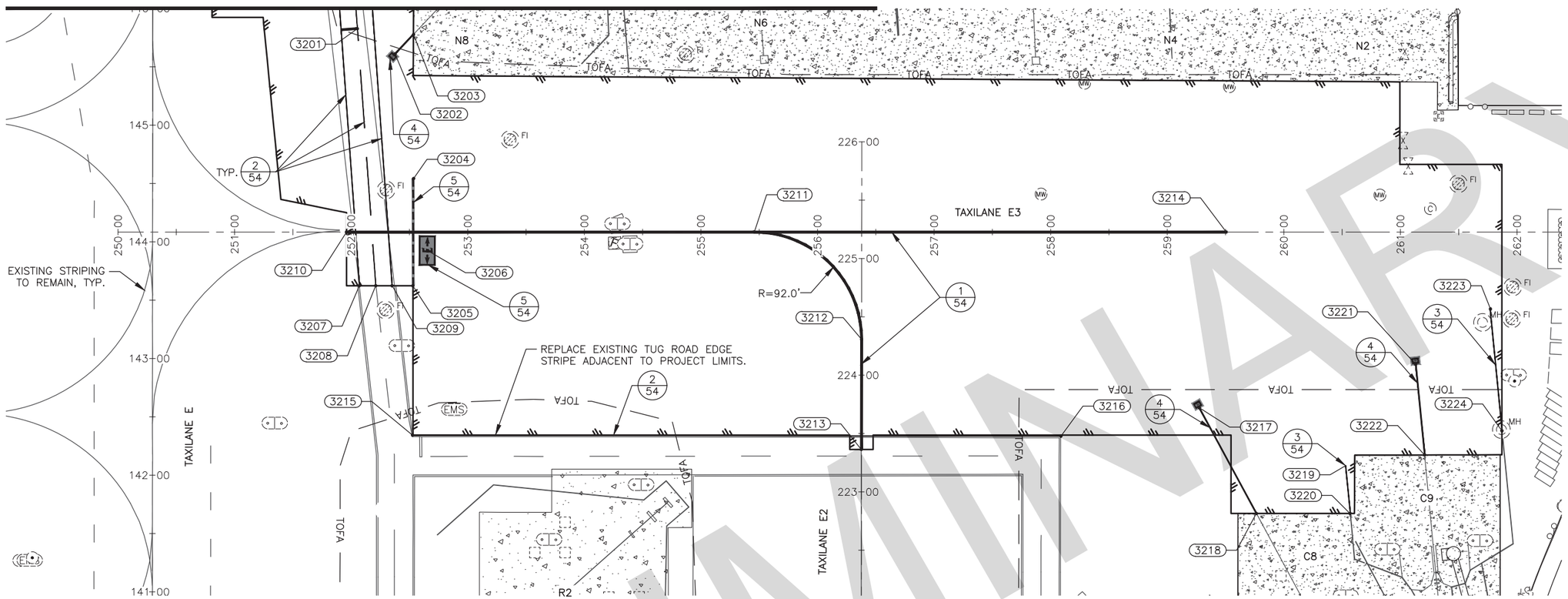
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
TL E1 PAVEMENT MARKING PLAN – STA 211+00 TO STA 216+00

DATE: SEPTEMBER 2021
SHEET: 50 OF 74

MATCH LINE - STA. 146+00
SEE SHEET 52



PAVEMENT MARKING POINT TABLE			
POINT #	STATION	OFFSET (FT)	DESCRIPTION
3201	0+00.00	0.00	TUG ROAD STOP BAR
3202	252+37.63	152.67 LT	GATE MARKER N8
3203	252+53.46	169.37 LT	PT, MATCH EXISTING
3204	252+53.50	45.79 LT	HOLD LINE
3205	252+52.86	46.00 RT	HOLD LINE
3206	252+65.78	16.00 RT	TAXIWAY IDENTIFIER 'E'
3207	252+07.04	46.00 RT	MATCH EXISTING
3208	252+21.07	46.00 RT	MATCH EXISTING
3209	252+35.11	46.00 RT	MATCH EXISTING
3210	251+96.00	0.00 RT	MATCH EXISTING
3211	255+45.81	0.00 RT	PC
3212	256+37.81	92.11 RT	PT
3213	256+37.54	186.41 RT	MATCH EXISTING

PAVEMENT MARKING POINT TABLE			
POINT #	STATION	OFFSET (FT)	DESCRIPTION
3214	259+50.55	0.00 LT	PI
3215	252+52.67	174.05 RT	MATCH EXISTING
3216	258+08.77	174.92 RT	MATCH EXISTING
3217	259+27.51	150.69 RT	GATE MARKER C8
3218	259+76.42	241.18 RT	MATCH EXISTING
3219	260+53.07	200.18 RT	PI
3220	260+56.74	241.20 RT	MATCH EXISTING
3221	261+13.08	113.42 RT	GATE MARKER C9
3222	261+20.74	191.08 RT	MATCH EXISTING
3223	261+77.20	66.04 RT	PI
3224	261+87.04	170.45 RT	MATCH EXISTING

LEGEND:

EXISTING CONCRETE TO REMAIN

PLANS DEVELOPED BY:
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3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
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BY	DATE	REVISION

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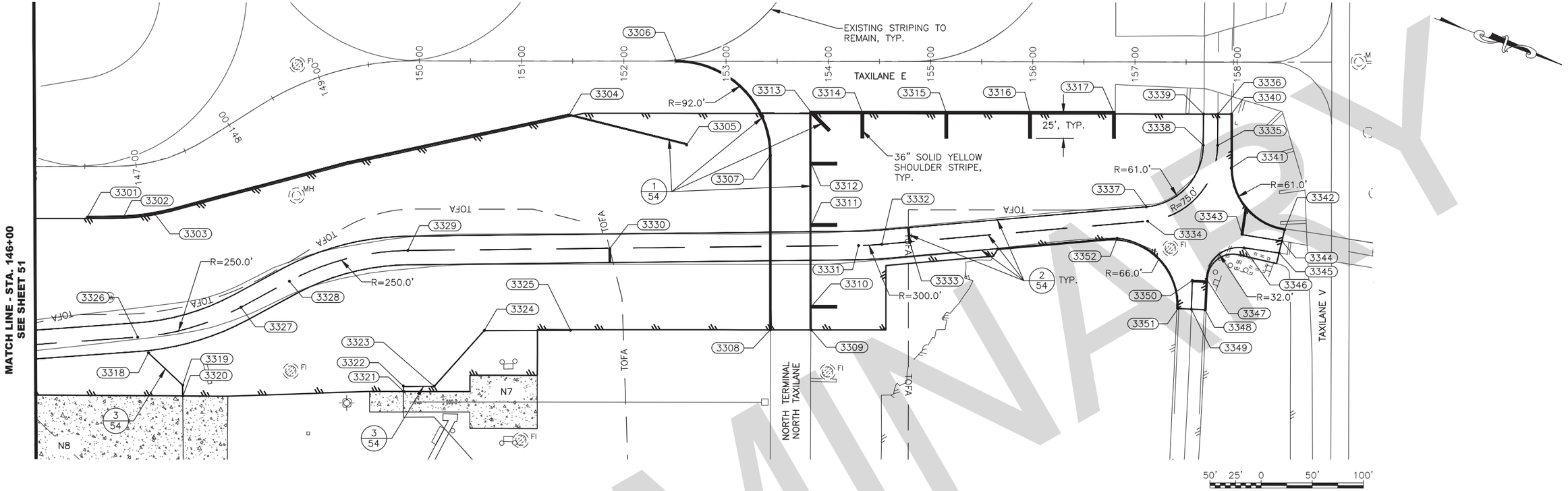
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
TL E3 PAVEMENT MARKING PLAN – STA 250+00 TO STA 263+00

DATE: SEPTEMBER 2021
SHEET: 51 OF 74

Designed By: MH
Drawn By: KY
Checked By: SB

Date Revised: 9/3/2021 11:51 AM
Layout Name: 51
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Pavement Marking Plan.dwg



PAVEMENT MARKING POINT TABLE

POINT #	STATION	OFFSET (FT)	DESCRIPTION
3301	146+52.23	49.83 RT	MATCH EXISTING
3302	0+00.00	0.00	PC
3303	0+00.00	0.00	PT
3304	151+46.36	52.97 RT	PI
3305	152+61.47	82.00 RT	PI
3306	152+51.48	0.00 RT	PC
3307	153+43.48	91.89 RT	PT
3308	153+43.68	262.76 RT	MATCH EXISTING
3309	153+83.68	262.74 RT	MATCH EXISTING
3310	153+83.65	240.00 RT	NON MOVEMENT AREA MARKING
3311	153+83.56	160.00 RT	NON MOVEMENT AREA MARKING
3312	153+83.49	100.00 RT	NON MOVEMENT AREA MARKING
3313	153+83.43	50.05 RT	NON MOVEMENT AREA MARKING
3314	154+33.43	50.00 RT	NON MOVEMENT AREA MARKING
3315	155+15.43	50.00 RT	NON MOVEMENT AREA MARKING
3316	155+97.43	50.00 RT	NON MOVEMENT AREA MARKING
3317	156+79.43	50.00 RT	NON MOVEMENT AREA MARKING

PAVEMENT MARKING POINT TABLE

POINT #	STATION	OFFSET (FT)	DESCRIPTION
3318	146+94.27	183.96 RT	NON MOVEMENT AREA MARKING
3319	147+07.49	220.04 RT	NON MOVEMENT AREA MARKING
3320	147+06.75	230.49 RT	MATCH EXISTING
3321	148+05.84	311.41 RT	MATCH EXISTING
3322	148+08.31	306.92 RT	PI
3323	150+15.04	318.48 RT	PI
3324	150+64.08	263.66 RT	PI
3325	151+48.33	263.49 RT	MATCH EXISTING
3326	146+89.74	168.00 RT	PC
3327	147+43.18	162.22 RT	PT
3328	147+70.84	160.73 RT	PC
3329	149+75.57	185.41 RT	PT
3330	151+86.46	183.58 RT	TUG ROAD STOP BAR
3331	154+29.90	180.02 RT	PC
3332	154+52.57	178.87 RT	PT
3333	154+79.82	176.49 RT	TUG ROAD STOP BAR
3334	157+12.54	155.81 RT	PC

PAVEMENT MARKING POINT TABLE

POINT #	STATION	OFFSET (FT)	DESCRIPTION
3335	157+80.91	81.60 RT	PT
3336	157+81.11	51.00 RT	MATCH EXISTING
3337	157+11.30	141.86 RT	PC
3338	157+66.91	81.51 RT	PT
3339	157+67.11	51.00 RT	MATCH EXISTING
3340	157+94.17	51.00 RT	MATCH EXISTING
3341	157+94.22	103.80 RT	PC
3342	158+46.48	164.11 RT	TUG ROAD STOP BAR
3343	158+04.93	168.62 RT	PI
3344	158+43.90	175.04 RT	MATCH EXISTING
3345	158+41.12	186.84 RT	MATCH EXISTING
3346	158+06.72	181.73 RT	PT
3347	157+70.04	212.15 RT	PC
3348	157+68.87	242.42 RT	MATCH EXISTING
3349	157+55.50	241.85 RT	TUG ROAD STOP BAR
3350	157+56.37	213.78 RT	PI
3351	157+42.38	241.29 RT	PT, MATCH EXISTING

LEGEND:

EXISTING CONCRETE TO REMAIN

PLANS DEVELOPED BY:
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562-3252
#AECL882-AK

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
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PHONE (907) 269-0590

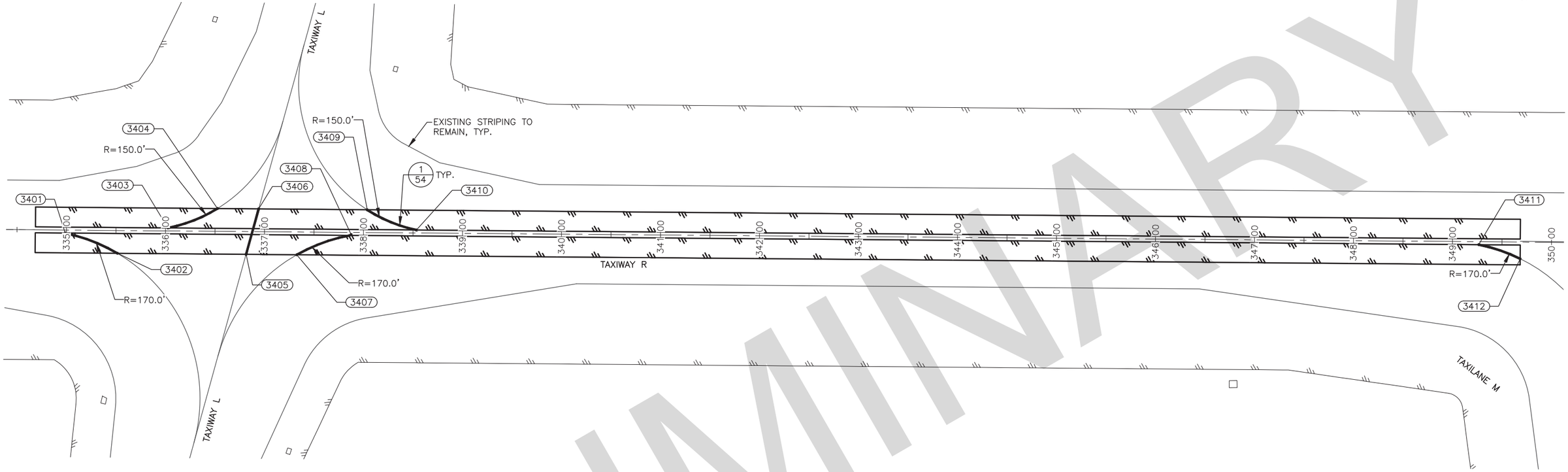
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
TL E PAVEMENT MARKING PLAN – STA 146+00 TO STA 158+50

DATE: SEPTEMBER 2021

SHEET: 52 OF 74

Designed By: MH
Drawn By: KY
Checked By: SB

Date Revised: 9/3/2021 11:51 AM
Layout Name: 52
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 civil\00675-ANC-Pavement Marking Plan.dwg



PAVEMENT MARKING POINT TABLE			
POINT #	STATION	OFFSET (FT)	DESCRIPTION
3401	334+98.65	3.06 RT	PC, MATCH EXISTING
3402	335+51.58	22.99 RT	PC, MATCH EXISTING
3403	336+02.42	3.00 LT	PC, MATCH EXISTING
3404	336+52.41	23.01 LT	PC, MATCH EXISTING
3405	336+81.59	23.00 RT	PI, MATCH EXISTING
3406	336+93.92	23.00 LT	PI, MATCH EXISTING
3407	337+32.80	23.00 RT	PC, MATCH EXISTING
3408	337+87.55	2.16 RT	PC, MATCH EXISTING
3409	338+03.62	22.85 LT	PC, MATCH EXISTING
3410	338+53.35	3.00 LT	PC, MATCH EXISTING
3411	349+26.57	3.00 RT	PC, MATCH EXISTING
3412	349+68.57	16.85 RT	PC, MATCH EXISTING

Designed By: MH
Drawn By: KY
Checked By: SB

Date Revised: 9/3/2021 11:51 AM
Layout Name: 53
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Pavement Marking Plan.dwg

PLANS DEVELOPED BY:
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD. SUITE 300
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BY	DATE	REVISION

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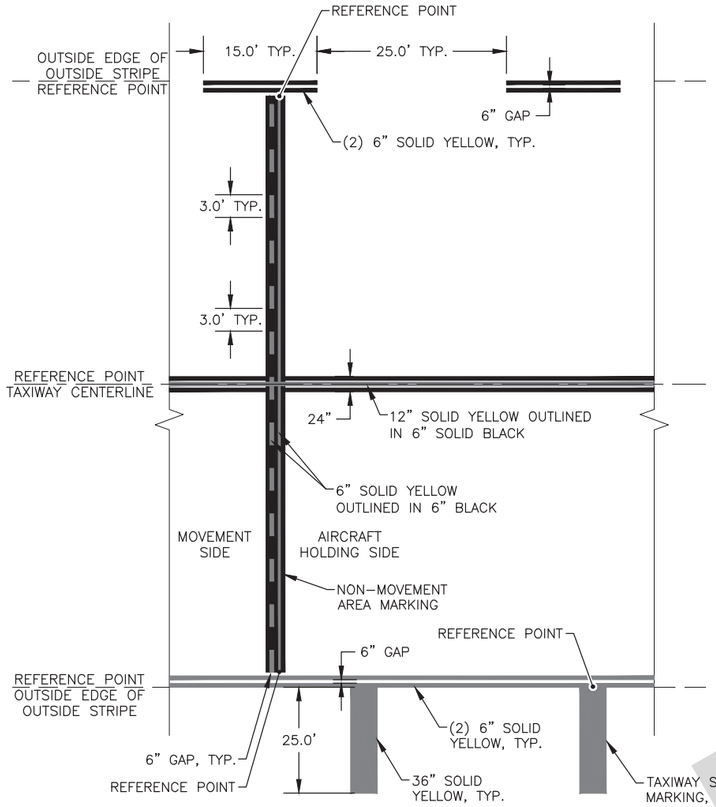
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
TW R PAVEMENT MARKING PLAN – STA 334+00 TO STA 350+00

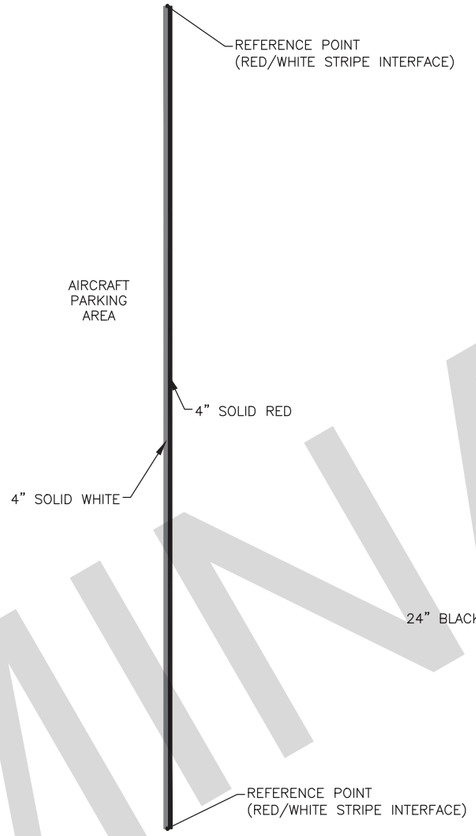
DATE: SEPTEMBER 2021

SHEET: 53 OF 74



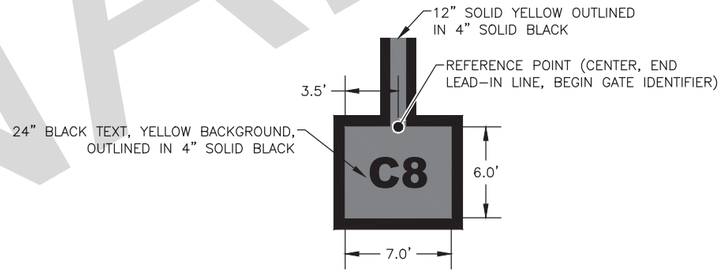
1/54 TAXIWAY CENTERLINE, EDGE, SHOULDER, AND NON-MOVEMENT AREA MARKING

NTS



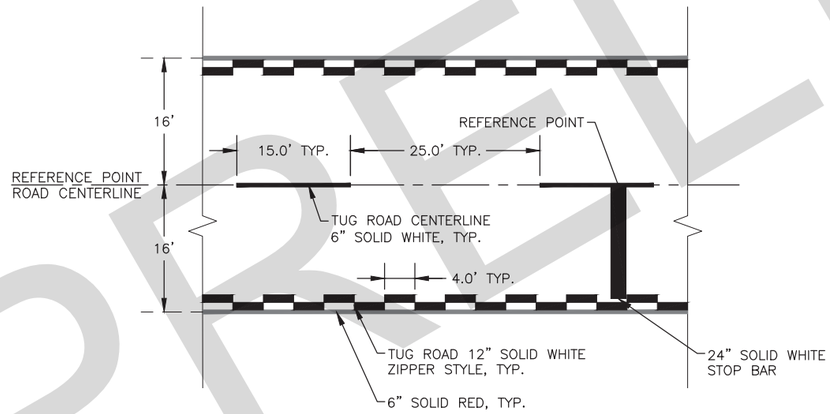
3/54 AIRCRAFT SAFETY ENVELOPE MARKING

NTS



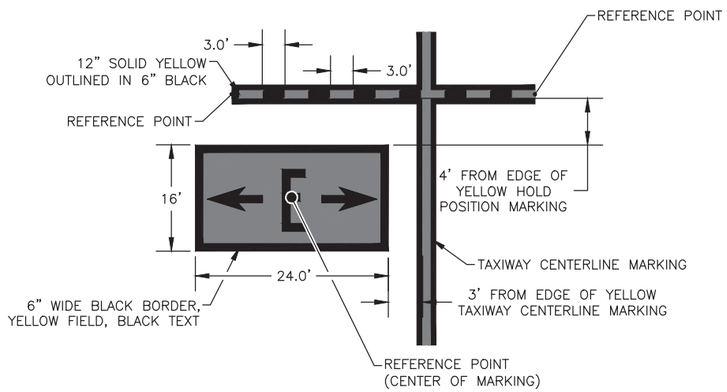
4/54 LEAD IN & GATE IDENTIFIER MARKING

NTS



2/54 STOP BAR AND TUG ROAD MARKING

NTS



5/54 TAXIWAY IDENTIFIER & INTERMEDIATE HOLDING POSITION MARKINGS

NTS

NOTES:

1. INSTALL AIRCRAFT GATE AND TAXIWAY IDENTIFIER MARKINGS IN ACCORDANCE WITH FAA STANDARD LETTERS & NUMBERS (AC 150/5340-1M).

Designed By: MH
Drawn By: KY
Checked By: SB

Date Revised: 9/2/2021 6:26 PM
Layout Name: 54
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-Pavement Marking Details.dwg

PLANS DEVELOPED BY:
CRW ENGINEERING GROUP, LLC
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(907) 562-3252
#AECL882-AK

BY	DATE	REVISION

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TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
PAVEMENT MARKING DETAILS

DATE: SEPTEMBER 2021

SHEET: 54 OF 74

TAXIWAY CENTERLINE LIGHT DEMOLITION SCHEDULE

NUMBER	ALIGNMENT	STATION	OFFSET (FT)
DC1	TAXILANE E1	201+46.51	2.1 LT
DC2	TAXILANE E1	201+92.51	2.1 LT
DC3	TAXILANE E1	202+38.25	2.0 LT
DC4	TAXILANE E1	202+84.20	2.1 LT
DC5	TAXILANE E1	203+30.25	2.1 LT
DC6	TAXILANE E1	203+76.04	2.1 LT
DC7	TAXILANE E1	204+22.08	2.1 LT
DC8	TAXILANE E1	204+68.14	2.0 LT
DC9	TAXILANE E1	205+14.00	1.8 LT
DC10	TAXILANE E1	205+60.02	1.9 LT
DC11	TAXILANE E1	205+71.94	2.3 LT
DC12	TAXILANE E1	205+84.52	2.2 LT
DC13	TAXILANE E1	205+96.99	2.1 LT
DC14	TAXILANE E1	206+08.94	1.9 LT
DC15	TAXILANE E1	206+21.03	3.0 LT
DC16	TAXILANE E1	206+32.87	4.9 LT
DC17	TAXILANE E1	206+44.57	7.7 LT
DC18	TAXILANE E1	206+55.98	11.5 LT
DC19	TAXILANE E1	206+66.97	16.0 LT
DC20	TAXILANE E1	206+77.63	21.7 LT
DC21	TAXILANE E1	206+87.90	28.2 LT
DC22	TAXILANE E1	206+97.49	35.4 LT
DC23	TAXILANE E1	207+06.43	43.3 LT
DC24	TAXILANE E1	207+14.73	52.2 LT
DC25	TAXILANE E1	207+22.36	61.6 LT
DC26	TAXILANE E	129+82.88	2.0 LT
DC27	TAXILANE E	130+28.26	2.0 LT
DC28	TAXILANE E	130+60.08	2.1 LT
DC29	TAXILANE E	130+74.07	1.9 LT
DC30	TAXILANE E	131+19.58	2.0 LT
DC31	TAXILANE E	131+64.88	1.9 LT
DC32	TAXILANE E	132+10.33	1.9 LT
DC33	TAXILANE E	132+55.70	2.3 LT
DC34	TAXILANE E	126+03.74	2.0 LT
DC35	TAXILANE E	126+50.68	2.2 LT
DC36	TAXILANE E	126+97.86	1.9 LT
DC37	TAXILANE E	127+45.87	1.8 LT
DC38	TAXILANE E	127+93.74	1.9 LT
DC39	TAXILANE E	128+41.46	1.9 LT
DC40	TAXILANE E	128+89.58	2.0 LT
DC42	TAXILANE E1	206+43.91	2.3 RT
DC43	TAXILANE E1	206+84.12	2.7 RT
DC44	TAXILANE E1	207+24.48	2.9 RT
DC45	TAXILANE E1	207+72.24	3.6 RT
DC46	TAXILANE E1	208+19.92	3.2 RT
DC47	TAXILANE E1	208+67.64	3.3 RT
DC48	TAXILANE E1	209+15.33	3.4 RT
DC49	TAXILANE E1	209+63.18	3.5 RT
DC50	TAXILANE E1	210+10.81	3.6 RT
DC51	TAXILANE E1	210+58.58	3.6 RT

TAXIWAY CENTERLINE LIGHT DEMOLITION SCHEDULE

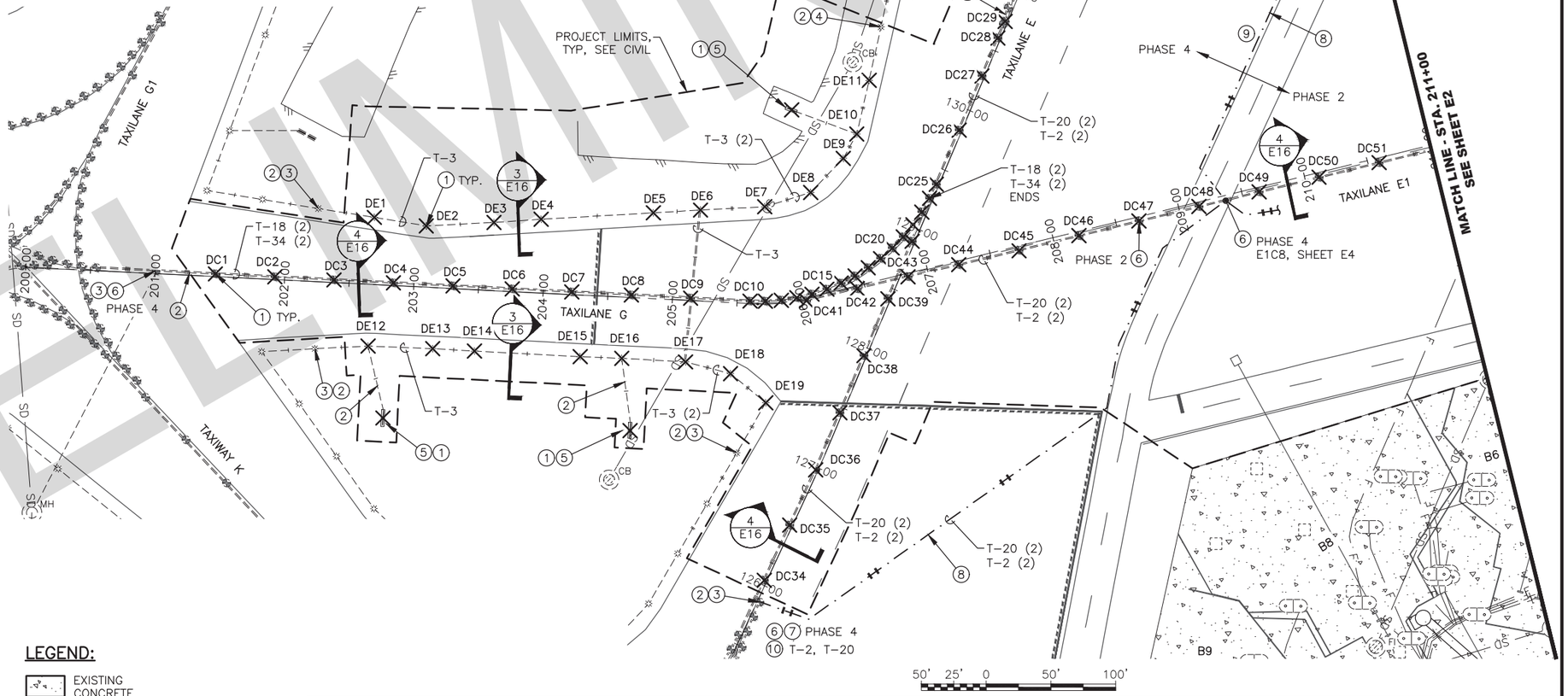
NUMBER	ALIGNMENT	STATION	OFFSET (FT)
DE1	TAXILANE E1	202+66.91	51.9 LT
DE2	TAXILANE E1	203+07.30	47.3 LT
DE3	TAXILANE E1	203+59.43	52.6 LT
DE4	TAXILANE E1	203+95.67	56.9 LT
DE5	TAXILANE E1	204+81.93	66.3 LT
DE6	TAXILANE E1	205+18.24	70.3 LT
DE7	TAXILANE E1	205+71.64	75.2 LT
DE8	TAXILANE E1	206+26.65	78.5 LT
DE9	TAXILANE E1	206+57.41	98.1 LT
DE10	TAXILANE E1	206+72.02	113.8 LT
DE11	TAXILANE E1	206+91.15	151.9 LT
DE12	TAXILANE E1	202+67.07	47.7 RT
DE13	TAXILANE E1	203+17.04	47.2 RT
DE14	TAXILANE E1	203+49.36	47.4 RT
DE15	TAXILANE E1	204+31.13	47.6 RT
DE16	TAXILANE E1	204+63.24	47.3 RT
DE17	TAXILANE E1	205+12.62	47.5 RT
DE18	TAXILANE E1	205+47.75	54.8 RT
DE19	TAXILANE E1	205+71.88	76.2 RT

GENERAL DEMOLITION NOTES:

1. REMOVE LIGHTS AND SIGNS AS INDICATED ON THE DEMOLITION PLANS. REMOVAL INCLUDES ALL ASSOCIATED CONDUIT, CONDUCTORS, LIGHT BASES, TRANSFORMERS, CONTROLLERS, DRAIN CONDUITS, FOUNDATIONS, AND CONCRETE, UNLESS OTHERWISE NOTED.
2. SALVAGE: THE DOT&PF (OWNER) SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL LIGHT FIXTURES, SIGNS, TRANSFORMERS, CONTROLLERS AND ALL WIRE REMOVED IN DEMOLITION. OWNER–ACCEPTED SALVAGE MATERIALS SHALL BE DELIVERED BY CONTRACTOR TO THE ANC DOT&PF MAINTENANCE FACILITY, OR AS DIRECTED BY THE PROJECT ENGINEER. SALVAGE COSTS SHALL BE SUBSIDIARY TO ITEM L125.070.0000.
3. DISPOSAL: PROVIDE DISPOSAL OF ALL REMOVED CONDUCTORS AND UNWANTED MATERIAL IN THE WORK AREA AT AN APPROVED SITE, OFF OF AIRPORT PROPERTY IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. DISPOSAL COSTS SHALL BE SUBSIDIARY TO ITEM L125.070.0000.
4. WHEN REMOVING CONDUCTORS FROM EXISTING CONDUIT, INSTALL PULL–ROPE FOR FUTURE USE. THIS WORK SHALL BE SUBSIDIARY TO ITEM L125.070.0000.
5. CABLES SCHEDULED FOR REMOVAL OR REPLACEMENT SHALL NOT BE PULLED OVER EXISTING TO REMAIN CONDUCTORS IN THE SAME DUCT. FIELD VERIFY THAT CABLES TO BE REMOVED OR REPLACED ARE ROUTED IN SEPARATE DUCTS; NOTIFY THE PROJECT ENGINEER WHERE NEW WORK CONFLICTS WITH EXISTING TO REMAIN CABLES IN COMMON DUCTS.
6. EXISTING EQUIPMENT THAT CONFLICTS WITH PROJECT WORK AREA TO BE TEMPORARILY OR PERMANENTLY REMOVED AS REQUIRED, OR BAGGED (COVERED) BY ANC PERSONNEL. COORDINATE THROUGH THE ENGINEER PRIOR TO REMOVING EQUIPMENT.
7. SEE SHEETS 8 – 12 FOR CIVIL DEMOLITION ITEMS.

SHEET NOTES:

1. REMOVE FIXTURE, CONDUCTORS, CONDUIT, AND ASSOCIATED EQUIPMENT. REMOVE BASE UNLESS OTHERWISE NOTED.
2. REMOVE CONDUCTORS BACK TO NEAREST EXISTING LIGHT TO REMAIN. REMOVE CONDUIT AS FAR AS PROJECT EXCAVATION REQUIRED. PLUG AND PROTECT LIGHT BASES AND CONDUIT THAT REMAIN DURING EXCAVATION.
3. EXISTING EDGE OR CENTERLINE LIGHT FIXTURE TO REMAIN.
4. ADJUST ALL EXISTING LIGHTS WITHIN THE PROJECT LIMITS THAT ARE NOT SCHEDULED FOR DEMOLITION. SEE LIGHTING PLAN FOR DETAILS.
5. REMOVE LIGHTED SIGN.
6. UNDER CONSTRUCTION PHASE NOTED: OPEN LIGHTING CIRCUIT LOOP AT THIS LOCATION TO ISOLATE ACTIVE CIRCUIT(S) NOTED FROM ADJACENT PHASED CONSTRUCTION AREA, AND/OR RECONNECT PRIMARY CIRCUIT LEADS AT BASE CAN AS REQUIRED TO MAINTAIN CIRCUIT CONTINUITY OUTSIDE OF CONSTRUCTION AREA. AFTER CONSTRUCTION REMOVE TEMPORARY CONNECTIONS AND RECONNECT AS SHOWN ON LIGHTING PLAN.
7. UNDER CONSTRUCTION PHASE NOTED: EXTEND TEMPORARY PRIMARY JUMPER CIRCUIT(S) AS INDICATED TO MAINTAIN CIRCUIT CONTINUITY TO AREA ISOLATED BY THE CONSTRUCTION PHASE.
8. PROVIDE TEMPORARY PRIMARY LIGHTING CIRCUIT JUMPERS IN SURFACE RUN HDPE CONDUIT WITH SUITABLE PROTECTION AND MARKINGS AROUND THE CONSTRUCTION AREA.
9. BOUNDARY OF CONSTRUCTION PHASE AREA(S) AS NOTED; SEE SHEET AC2 FOR MORE INFORMATION.
10. CIRCUITS NOTED AT THIS LOCATION ARE UNINTERRUPTED BY CONSTRUCTION TO THE PRIMARY SOURCE CONNECTION AT LIGHTING DISTRIBUTION MANHOLE.



LEGEND:

EXISTING CONCRETE

Designed By:	MH
Drawn By:	CM
Checked By:	SB
Date Revised:	9/3/2021 8:07 AM
Layout Name:	E1
File Path and Name:	J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\03 Electrical\00675-ANC-Elec Demolition Plan.dwg

PLANS DEVELOPED BY:
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(907) 562–3252
#AECL882–AK

BY	DATE	REVISION

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CENTRAL REGION
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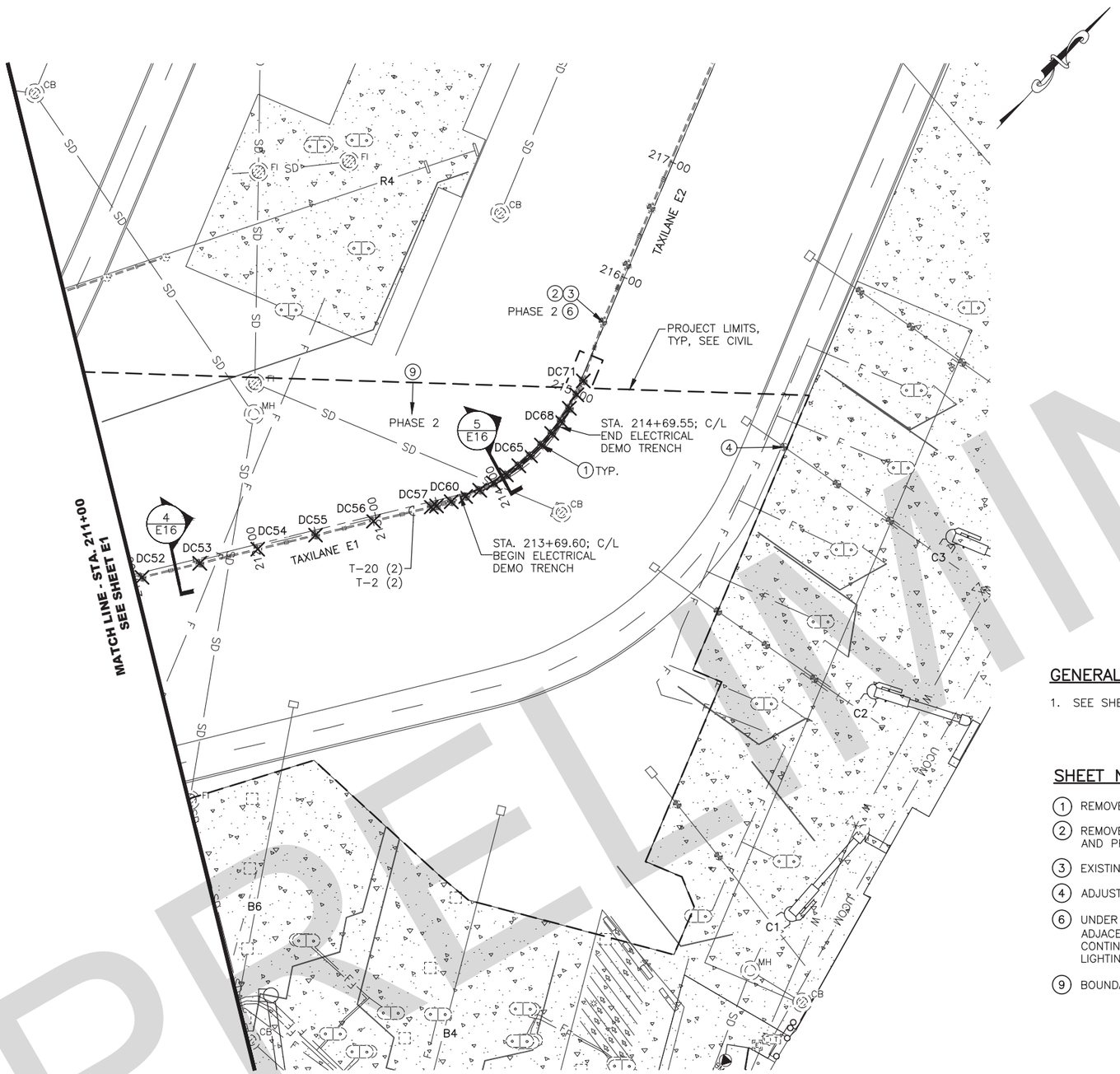
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No: 3–02–0016–XXX–2021
TL E1 ELECTRICAL DEMOLITION PLAN
– STA 200+00 TO STA 211+00

DATE: SEPTEMBER 2021

SHEET: E1 OF 74



TAXIWAY CENTERLINE LIGHT DEMOLITION SCHEDULE

NUMBER	ALIGNMENT	STATION	OFFSET (FT)
DC52	TAXILANE E1	211+06.44	3.7 RT
DC53	TAXILANE E1	211+54.17	3.8 RT
DC54	TAXILANE E1	212+01.93	3.9 RT
DC55	TAXILANE E1	212+49.62	4.0 RT
DC56	TAXILANE E1	212+97.30	4.1 RT
DC57	TAXILANE E1	213+45.09	4.2 RT
DC58	TAXILANE E1	213+49.27	4.3 RT
DC59	TAXILANE E1	213+61.61	3.9 RT
DC60	TAXILANE E1	213+73.81	2.6 RT
DC61	TAXILANE E1	213+85.94	0.5 RT
DC62	TAXILANE E1	213+98.28	1.4 LT
DC63	TAXILANE E1	214+10.68	2.7 LT
DC64	TAXILANE E1	214+23.38	3.6 LT
DC65	TAXILANE E1	214+36.06	3.9 LT
DC66	TAXILANE E1	214+48.88	3.6 LT
DC67	TAXILANE E1	214+61.64	2.8 LT
DC68	TAXILANE E1	214+74.09	1.5 LT
DC69	TAXILANE E1	214+86.35	0.2 RT
DC70	TAXILANE E1	214+98.67	1.6 RT
DC71	TAXILANE E1	215+10.97	2.0 RT

GENERAL DEMOLITION NOTES:

1. SEE SHEET E1 FOR GENERAL DEMOLITION NOTES.

SHEET NOTES:

(1) REMOVE FIXTURE, CONDUCTORS, CONDUIT, AND ASSOCIATED EQUIPMENT. REMOVE BASE UNLESS OTHERWISE NOTED.

(2) REMOVE CONDUCTORS BACK TO NEAREST EXISTING LIGHT TO REMAIN. REMOVE CONDUIT AS FAR AS PROJECT EXCAVATION REQUIRED. PLUG AND PROTECT LIGHT BASES AND CONDUIT THAT REMAIN DURING EXCAVATION.

(3) EXISTING EDGE OR CENTERLINE LIGHT FIXTURE TO REMAIN.

(4) ADJUST ALL EXISTING LIGHTS WITHIN THE PROJECT LIMITS THAT ARE NOT SCHEDULED FOR DEMOLITION. SEE LIGHTING PLAN FOR DETAILS.

(6) UNDER CONSTRUCTION PHASE NOTED: OPEN LIGHTING CIRCUIT LOOP AT THIS LOCATION TO ISOLATE ACTIVE CIRCUIT(S) NOTED FROM ADJACENT PHASED CONSTRUCTION AREA, AND/OR RECONNECT PRIMARY CIRCUIT LEADS AT BASE CAN AS REQUIRED TO MAINTAIN CIRCUIT CONTINUITY OUTSIDE OF CONSTRUCTION AREA. AFTER CONSTRUCTION REMOVE TEMPORARY CONNECTIONS AND RECONNECT AS SHOWN ON LIGHTING PLAN.

(9) BOUNDARY OF CONSTRUCTION PHASE AREA(S) AS NOTED; SEE SHEET AC2 FOR MORE INFORMATION.

LEGEND:

EXISTING CONCRETE

50' 25' 0 50' 100'

Designed By: MH
Drawn By: CM
Checked By: SB

Date Revised:
Layout Name: E2
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\03 Electrical\00675-ANC-Elec Demolition Plan.dwg
9/3/2021 8:07 AM

PLANS DEVELOPED BY:
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#AECL882-AK

BY	DATE	REVISION

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TED STEVENS ANCHORAGE
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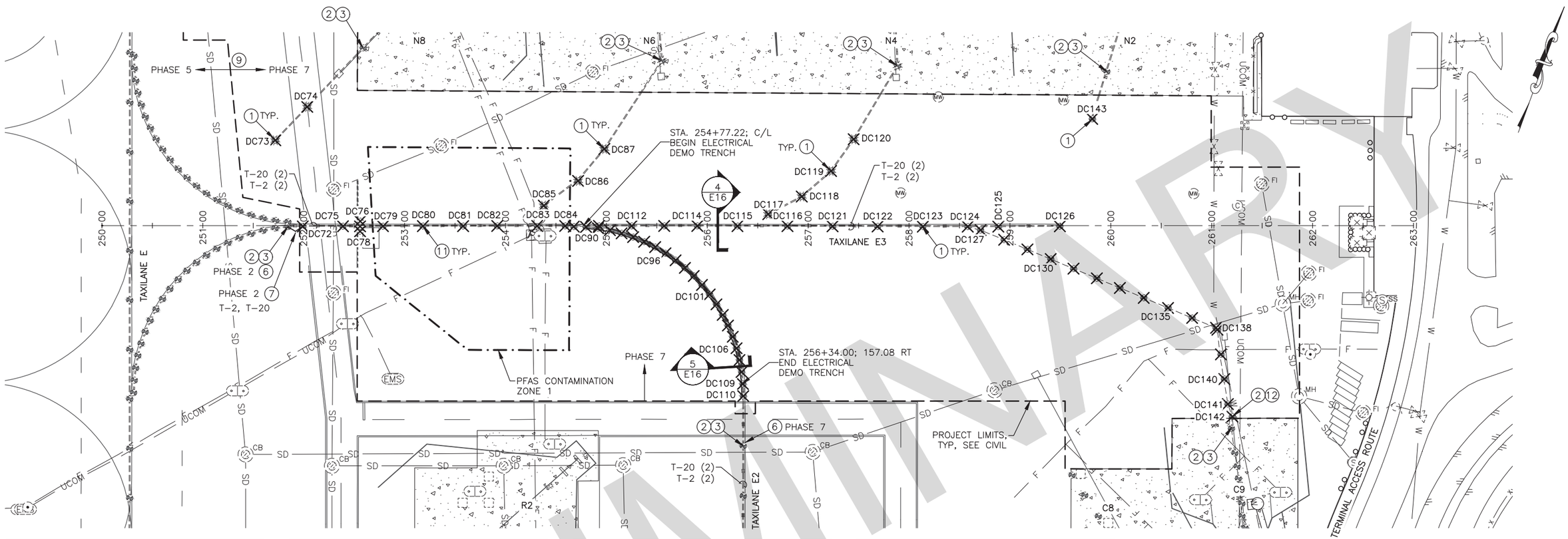
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No: 3-02-0016-XXX-2021
TL E1 ELECTRICAL DEMOLITION PLAN
- STA 211+00 TO STA 216+00

DATE: SEPTEMBER 2021

SHEET: E2 OF 74



TAXIWAY CENTERLINE LIGHT DEMOLITION SCHEDULE

NUMBER	ALIGNMENT	STATION	OFFSET (FT)
DC72	TAXILANE E3	251+99.12	0.9 RT
DC73	TAXILANE E3	251+71.89	84.5 LT
DC74	TAXILANE E3	252+03.54	117.7 LT
DC75	TAXILANE E3	252+38.94	0.6 RT
DC76	TAXILANE E3	252+56.08	4.3 LT
DC77	TAXILANE E3	252+55.90	0.7 RT
DC78	TAXILANE E3	252+55.90	5.7 RT
DC79	TAXILANE E3	252+78.61	0.6 RT
DC80	TAXILANE E3	253+18.18	0.5 RT
DC81	TAXILANE E3	253+58.05	0.5 RT
DC82	TAXILANE E3	253+91.85	0.4 RT
DC83	TAXILANE E3	254+31.45	0.3 RT
DC84	TAXILANE E3	254+59.16	0.3 RT
DC85	TAXILANE E3	254+38.01	19.9 LT
DC86	TAXILANE E3	254+72.00	44.3 LT
DC87	TAXILANE E3	254+98.05	76.0 LT
DC88	TAXILANE E3	254+67.75	1.1 RT
DC89	TAXILANE E3	254+79.85	1.4 RT

TAXIWAY CENTERLINE LIGHT DEMOLITION SCHEDULE

NUMBER	ALIGNMENT	STATION	OFFSET (FT)
DC90	TAXILANE E3	254+91.73	2.6 RT
DC91	TAXILANE E3	255+03.52	4.6 RT
DC92	TAXILANE E3	255+15.10	7.6 RT
DC93	TAXILANE E3	255+26.55	11.4 RT
DC94	TAXILANE E3	255+37.51	16.0 RT
DC95	TAXILANE E3	255+48.33	21.3 RT
DC96	TAXILANE E3	255+58.52	27.4 RT
DC97	TAXILANE E3	255+68.61	34.4 RT
DC98	TAXILANE E3	255+77.85	41.9 RT
DC99	TAXILANE E3	255+86.62	50.0 RT
DC100	TAXILANE E3	255+94.78	58.8 RT
DC101	TAXILANE E3	256+02.44	68.2 RT
DC102	TAXILANE E3	256+09.15	78.1 RT
DC103	TAXILANE E3	256+15.34	88.6 RT
DC104	TAXILANE E3	256+20.55	99.1 RT
DC105	TAXILANE E3	256+25.28	110.2 RT
DC106	TAXILANE E3	256+29.01	121.6 RT
DC107	TAXILANE E3	256+31.96	133.3 RT

TAXIWAY CENTERLINE LIGHT DEMOLITION SCHEDULE

NUMBER	ALIGNMENT	STATION	OFFSET (FT)
DC108	TAXILANE E3	256+34.08	145.1 RT
DC109	TAXILANE E3	256+35.32	157.0 RT
DC110	TAXILANE E3	256+35.75	169.0 RT
DC111	TAXILANE E3	254+92.68	0.3 RT
DC112	TAXILANE E3	255+25.11	0.4 RT
DC113	TAXILANE E3	255+57.38	0.4 RT
DC114	TAXILANE E3	255+90.22	0.4 RT
DC115	TAXILANE E3	256+29.97	0.5 RT
DC116	TAXILANE E3	256+79.53	0.6 RT
DC117	TAXILANE E3	256+60.44	11.3 LT
DC118	TAXILANE E3	256+93.75	28.8 LT
DC119	TAXILANE E3	257+22.78	54.1 LT
DC120	TAXILANE E3	257+45.10	85.6 LT
DC121	TAXILANE E3	257+24.21	0.7 RT
DC122	TAXILANE E3	257+68.82	0.8 RT
DC123	TAXILANE E3	258+13.71	1.0 RT
DC124	TAXILANE E3	258+58.17	1.1 RT
DC125	TAXILANE E3	258+88.57	1.0 RT

TAXIWAY CENTERLINE LIGHT DEMOLITION SCHEDULE

NUMBER	ALIGNMENT	STATION	OFFSET (FT)
DC126	TAXILANE E3	259+49.52	0.7 RT
DC127	TAXILANE E3	258+70.94	4.5 RT
DC128	TAXILANE E3	258+94.25	14.0 RT
DC129	TAXILANE E3	259+17.37	23.6 RT
DC130	TAXILANE E3	259+40.45	33.2 RT
DC131	TAXILANE E3	259+63.04	42.7 RT
DC132	TAXILANE E3	259+86.19	52.3 RT
DC133	TAXILANE E3	260+09.04	61.8 RT
DC134	TAXILANE E3	260+32.62	71.6 RT
DC135	TAXILANE E3	260+56.80	81.6 RT
DC136	TAXILANE E3	260+80.58	91.6 RT
DC137	TAXILANE E3	261+04.26	101.3 RT
DC138	TAXILANE E3	261+05.67	103.2 RT
DC139	TAXILANE E3	261+09.12	127.7 RT
DC140	TAXILANE E3	261+12.54	152.1 RT
DC141	TAXILANE E3	261+16.05	177.0 RT
DC142	TAXILANE E3	261+20.50	189.4 RT
DC143	TAXILANE E3	257+45.10	85.6 LT

SHEET NOTES:

50' 25' 0 50' 100'

1. REMOVE FIXTURE, CONDUCTORS, CONDUIT, AND ASSOCIATED EQUIPMENT. REMOVE BASE UNLESS OTHERWISE NOTED.
2. REMOVE CONDUCTORS BACK TO NEAREST EXISTING LIGHT TO REMAIN. REMOVE CONDUIT AS FAR AS PROJECT EXCAVATION REQUIRED. PLUG AND PROTECT LIGHT BASES AND CONDUIT THAT REMAIN DURING EXCAVATION.
3. EXISTING EDGE OR CENTERLINE LIGHT FIXTURE TO REMAIN.
6. UNDER CONSTRUCTION PHASE NOTED: OPEN LIGHTING CIRCUIT LOOP AT THIS LOCATION TO ISOLATE ACTIVE CIRCUIT(S) NOTED FROM ADJACENT PHASED CONSTRUCTION AREA, AND/OR RECONNECT PRIMARY CIRCUIT LEADS AT BASE CAN AS REQUIRED TO MAINTAIN CIRCUIT CONTINUITY OUTSIDE OF CONSTRUCTION AREA. AFTER CONSTRUCTION REMOVE TEMPORARY CONNECTIONS AND RECONNECT AS SHOWN ON LIGHTING PLAN.
7. UNDER CONSTRUCTION PHASE NOTED: EXTEND TEMPORARY PRIMARY JUMPER CIRCUIT(S) AS INDICATED TO MAINTAIN CIRCUIT CONTINUITY TO AREA ISOLATED BY THE CONSTRUCTION PHASE.
8. PROVIDE TEMPORARY PRIMARY LIGHTING CIRCUIT JUMPERS IN SURFACE RUN HDPE CONDUIT WITH SUITABLE PROTECTION AND MARKINGS AROUND THE CONSTRUCTION AREA.
9. BOUNDARY OF CONSTRUCTION PHASE AREA(S) AS NOTED; SEE SHEET AC2 FOR MORE INFORMATION.
11. REMOVE FIXTURE, CONDUCTORS, AND ASSOCIATED EQUIPMENT. EXISTING BASES TO REMAIN WITHIN THE PFAS CONTAMINATED ZONE (LIGHTS DC79–DC85)
12. REMOVE C9 LEAD IN LIGHTING AND ASSOCIATED CONDUCTORS PRIOR TO PAVEMENT REMOVAL.

GENERAL DEMOLITION NOTES:

1. SEE SHEET E1 FOR GENERAL DEMOLITION NOTES.

LEGEND:

EXISTING CONCRETE

PLANS DEVELOPED BY:
CRW ENGINEERING GROUP, LLC
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ANCHORAGE, ALASKA 99503
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#AECL882-AK

BY	DATE	REVISION

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CENTRAL REGION
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PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
TL E3 ELECTRICAL DEMOLITION PLAN
– STA 250+00 TO STA 263+00

DATE: SEPTEMBER 2021
SHEET: E3 OF 74

Designed By: MH
Drawn By: CM
Checked By: SB

Date Revised:
Layout Name: E3
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\03 Electrical\00675-ANC-Elec Demolition Plan.dwg 9/3/2021 8:07 AM

GENERAL NOTES:

1. UNDERGROUND UTILITIES IN THESE DRAWINGS ARE BASED ON AS–BUILT INFORMATION AND ARE SHOWN IN GENERAL LOCATIONS ONLY. OTHER UTILITIES MAY EXIST THROUGHOUT THE PROJECT AREA. DEPTHS OF MOST ARE UNKNOWN. LOCATE UTILITIES IN THE VICINITY PRIOR TO BEGINNING WORK.

2. COORDINATE ALL LIGHTING OUTAGES CAUSED BY DISCONNECTIONS, CIRCUIT CHANGES, OR OTHER WORK WITH THE PROJECT ENGINEER. SCHEDULE INSTALLATION OF CONDUCTORS AND OTHER EQUIPMENT TO MINIMIZE NUMBER AND DURATION OF OUTAGES.

3. LIGHTING CIRCUITS ON OPERATIONAL AREAS THAT HAVE BEEN LOCKED OUT FOR CONSTRUCTION SHALL BE RETURNED TO ATCT CONTROL NO LATER THAN TWO HOURS BEFORE SUNSET.

4. INSTALL A #6 BARE COPPER GROUNDING CONDUCTOR WITH ALL LIGHTING CIRCUIT CONDUCTORS.

5. SEE CONSTRUCTION SAFETY AND PHASING PLAN SHEETS FOR PHASE LIMITS AND ESTIMATED DURATIONS.

6. SEE SHEETS E9 – E10 FOR FIXTURE SCHEDULE INFORMATION.

7. ALL AIRFIELD LIGHTING CONDUCTORS SHALL BE FAA TYPE C 5KV L–824 CABLE. CONDUCTORS FOR TAXIWAY/TAXILANE CIRCUITS (DESIGNATED T–_) SHALL BE #8 AWG. CONDUCTOR INSULATION SHALL BE COLOR–CODED BASED ON FUNCTION, IN ACCORDANCE WITH SPECIFICATION L–108, AND AS FOLLOWS:

   TAXIWAY CENTERLINE LIGHT: SEE DETAIL 1, SHEET E19
   - POWER FEED, PRIMARY: BLACK
   - RETURN/LOOP, PRIMARY: RED
   - POWER FEED, SECONDARY (LOW–VIS): BLUE
   - RETURN/LOOP, SECONDARY (LOW–VIS): YELLOW

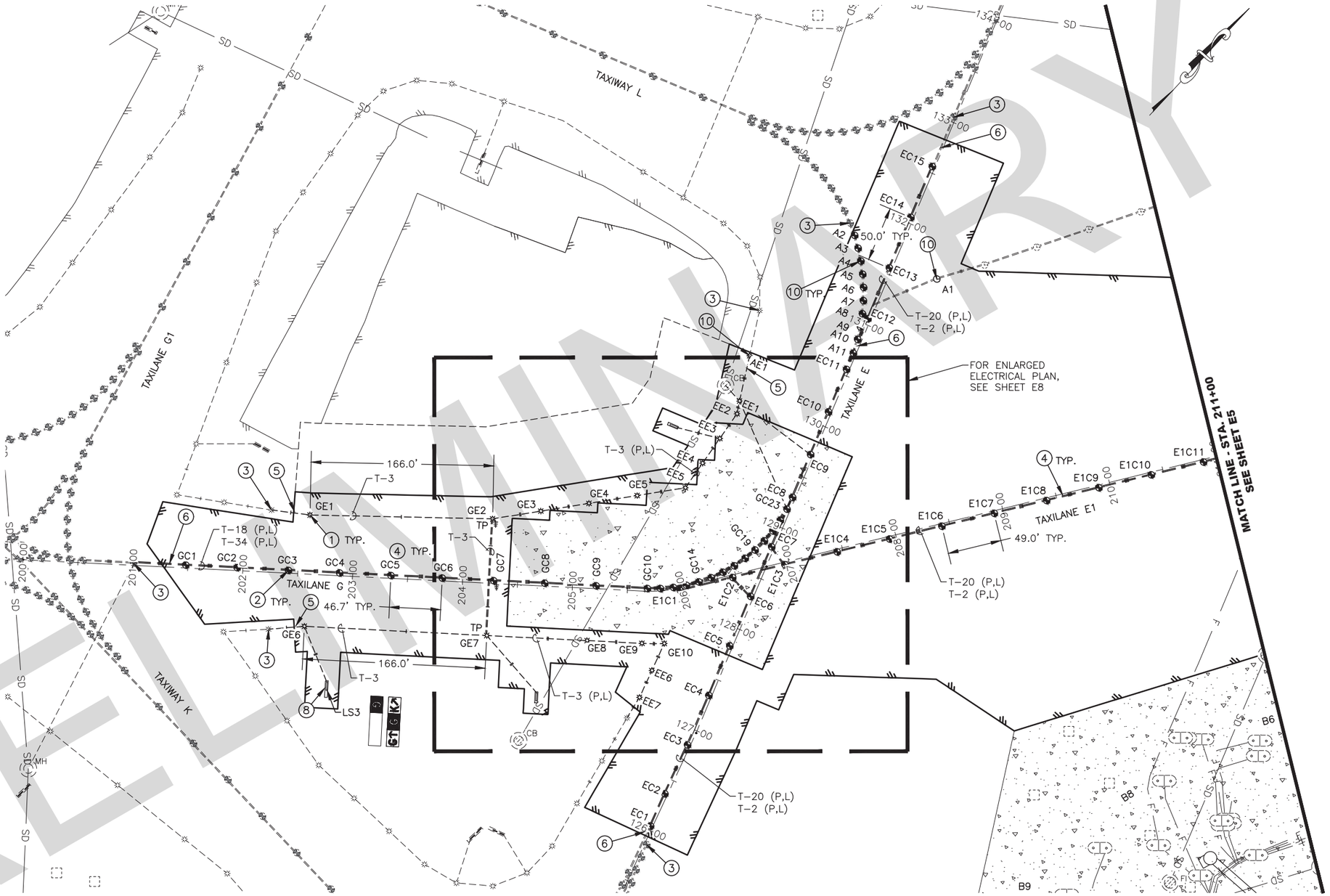
   TAXIWAY EDGE LIGHT: SEE DETAIL 2, SHEET E19
   - POWER FEED: BLACK
   - RETURN/LOOP: RED

8. TEST POINTS: PROVIDE A TEST POINT (T.P.) AT EVERY 10TH LIGHT CAN WITHIN PROJECT LIMITS, AS SHOWN ON PLANS, AS INDICATED ON CONDUCTOR DIAGRAM DETAILS, OR AS DIRECTED BY THE ENGINEER. IDENTIFY TEST POINT LOCATIONS AT CENTERLINE LIGHT BASE CANS AS FOLLOWS:

   8.1. ENGRAVE TEST POINT LABEL IN EPOXY SEAL.
   8.2. LETTERS SHALL BE 1 INCH HIGH MINIMUM AND ENGRAVED 1/8 INCH DEEP USING A DRILL BIT, DREMEL, OR SIMILAR METHOD.
   8.3. LABEL SHALL READ: "T–x" OR "R–x", WHERE x IS THE TAXIWAY OR RUNWAY CIRCUIT # WITH TEST POINT AT THAT LOCATION.
   8.4. REMOVE OLD TEST POINT LABELS WITH A GRINDER OR SIMILAR METHOD APPROVED BY THE ENGINEER.

SHEET NOTES:

1. PROVIDE NEW TAXIWAY EDGE LIGHT FIXTURES AT LOCATIONS SHOWN, SEE DETAIL 1, SHEET E15.
2. PROVIDE NEW TAXIWAY CENTERLINE LIGHT FIXTURES AT THE LOCATIONS SHOWN, SEE SHEETS E11 & E12.
3. EXISTING EDGE OR CENTERLINE LIGHT FIXTURE TO REMAIN. PROVIDE NEW CIRCUIT CONNECTION TO EXISTING CONDUCTORS AND/OR TRANSFORMER IN EXISTING LIGHT BASE. CONNECTIONS ARE SUBSIDIARY TO L–108 ITEMS.
4. CONNECT EVERY OTHER TW/TL CENTERLINE FIXTURE TO SEPARATE PRIMARY AND SECONDARY (LOW–VIS) CIRCUITS AS INDICATED IN FIXTURE SCHEDULES.
5. CONNECT NEW CONDUIT TO EXISTING CONDUIT (DIRECT BURY) AT CONVENIENT LOCATION WITHIN PROJECT LIMITS WITH APPROVED COUPLING.
6. INTERCEPT EXISTING ENCASED CONDUIT (HDPE OR RMC) AT CONVENIENT LOCATION WITHIN PROJECT LIMITS AND EXTEND NEW ENCASED HDPE CONDUIT USING APPROVED METHODS AND MATERIALS.
8. INSTALL NEW LIGHTED SIGN, SEE SHEETS E17 & E18.
10. ADJUST EXISTING LIGHT FIXTURE TO FINISHED GRADE. AT THE LOCATIONS SHOWN, SEE DETAIL 2, SHEET E13



50' 25' 0 50' 100'

LEGEND:

- EXISTING CONCRETE
- PORTLAND CEMENT CONCRETE PAVEMENT

Designed By:	MH
Drawn By:	MH
Checked By:	SB
Date Revised:	9/3/2021 8:35 AM
Layout Name:	E4
File Path and Name:	J:\JobsData\30118.00 ANC TL E1, E3, And E–G Intersection\00 CADD 2019\01 Working Set\03 Electrical\00675–ANC–Lighting Plan.dwg

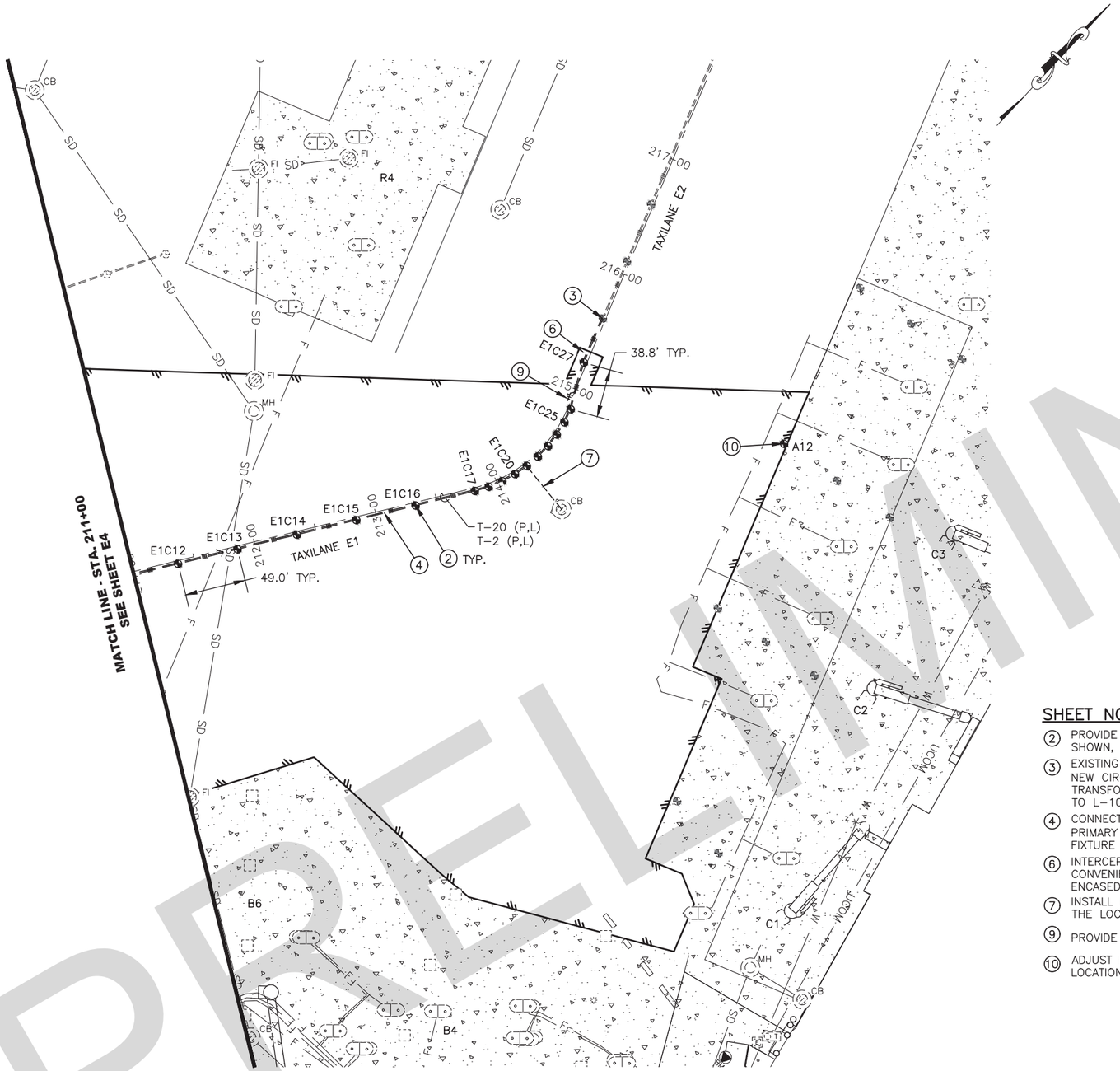
PLANS DEVELOPED BY:
CRW ENGINEERING GROUP, LLC
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
(907) 562–3252
#AECL882–AK

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
PHONE (907) 269-0590

TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3–02–0016–XXX–2021
TL E1 ELECTRICAL PLAN – STA 200+00 TO STA 211+00

DATE: SEPTEMBER 2021
SHEET: E4 OF 74



SHEET NOTES:

(2) PROVIDE NEW TAXIWAY CENTERLINE LIGHT FIXTURES AT THE LOCATIONS SHOWN, SEE DETAIL 1, SHEET E11.

(3) EXISTING EDGE OR CENTERLINE LIGHT FIXTURE TO REMAIN. PROVIDE NEW CIRCUIT CONNECTION TO EXISTING CONDUCTORS AND/OR TRANSFORMER IN EXISTING LIGHT BASE. CONNECTIONS ARE SUBSIDIARY TO L-108 ITEMS.

(4) CONNECT EVERY OTHER TW/TL CENTERLINE FIXTURE TO SEPARATE PRIMARY AND SECONDARY (LOW-VIS) CIRCUITS AS INDICATED IN FIXTURE SCHEDULES.

(6) INTERCEPT EXISTING ENCASED CONDUIT (HDPE OR RMC) AT CONVENIENT LOCATION WITHIN PROJECT LIMITS AND EXTEND NEW ENCASED HDPE CONDUIT USING APPROVED METHODS AND MATERIALS.

(7) INSTALL NEW CONDUIT DRAIN TO EXISTING STORM DRAIN MANHOLE. AT THE LOCATIONS SHOWN, SEE DETAIL 3, SHEET E15

(9) PROVIDE GROUND ROD ELECTRODE AT LIGHT BASE.

(10) ADJUST EXISTING LIGHT FIXTURE TO FINISHED GRADE. AT THE LOCATIONS SHOWN, SEE DETAIL 2, SHEET E13

NOTES:

1. SEE SHEET E4 FOR GENERAL NOTES.

50' 25' 0 50' 100'

LEGEND:

EXISTING CONCRETE

Designed By:	MH
Drawn By:	MH
Checked By:	SB
Date Revised:	9/3/2021 8:35 AM
Layout Name:	E5
File Path and Name:	J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\03 Electrical\00675-ANC-Lighting Plan.dwg

PLANS DEVELOPED BY:
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3940 ARCTIC BLVD. SUITE 300
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4111 AVIATION AVE., ANCHORAGE ALASKA 99502
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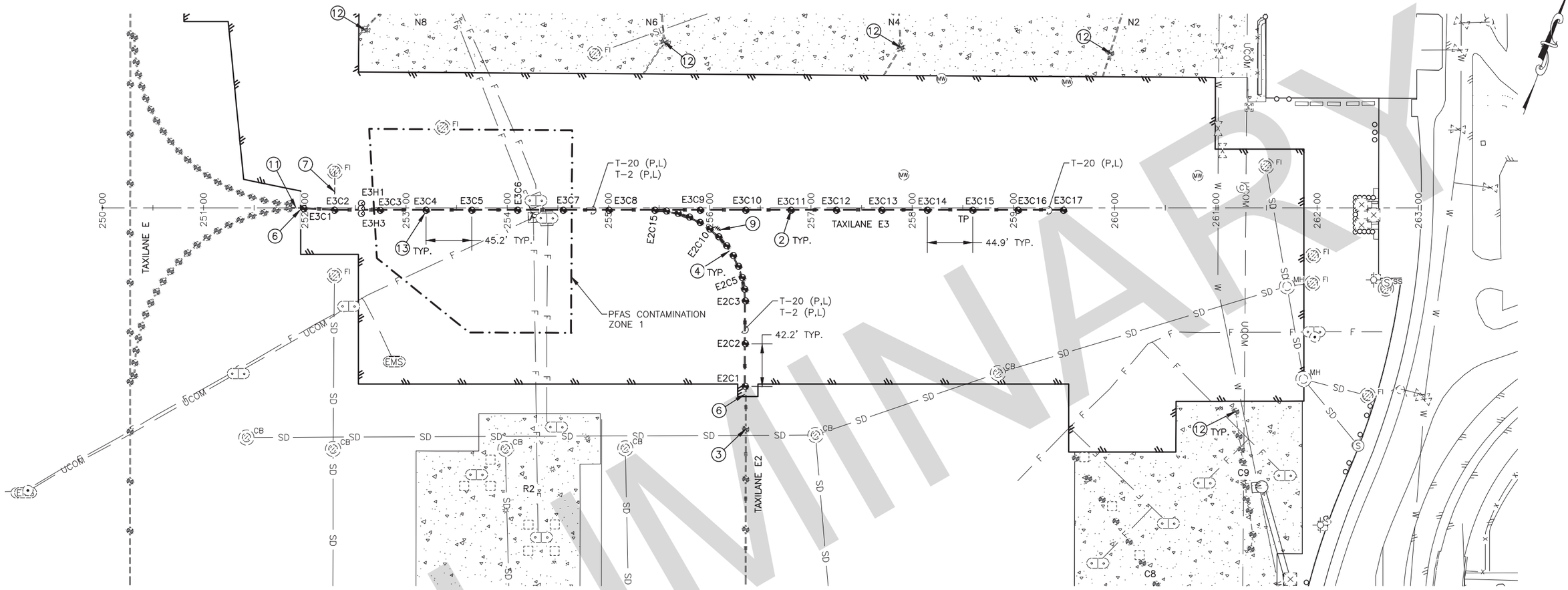
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
TL E1 ELECTRICAL PLAN - STA 211+00 TO STA 216+00

DATE: SEPTEMBER 2021

SHEET: E5 OF 74



SHEET NOTES:

(2) PROVIDE NEW TAXIWAY CENTERLINE LIGHT FIXTURES AT THE LOCATIONS SHOWN, SEE DETAIL 1, SHEET E11.

(3) EXISTING EDGE OR CENTERLINE LIGHT FIXTURE TO REMAIN. PROVIDE NEW CIRCUIT CONNECTION TO EXISTING CONDUCTORS AND/OR TRANSFORMER IN EXISTING LIGHT BASE. CONNECTIONS ARE SUBSIDIARY TO L-108 ITEMS.

(4) CONNECT EVERY OTHER TW/TL CENTERLINE FIXTURE TO SEPARATE PRIMARY AND SECONDARY (LOW-VIS) CIRCUITS AS INDICATED IN FIXTURE SCHEDULES.

(6) INTERCEPT EXISTING ENCASED CONDUIT (HDPE OR RMC) AT CONVENIENT LOCATION WITHIN PROJECT LIMITS AND EXTEND NEW ENCASED HDPE CONDUIT USING APPROVED METHODS AND MATERIALS.

(7) INSTALL NEW CONDUIT DRAIN TO EXISTING STORM DRAIN MANHOLE. AT THE LOCATIONS SHOWN, SEE DETAIL 3, SHEET E15

(9) PROVIDE GROUND ROD ELECTRODE AT LIGHT BASE.

(11) SPARE CONDUIT FOR FUTURE USE. REMOVE TEMPORARY JUMPERS USED DURING PHASED CONSTRUCTION.

(12) ABANDON EXISTING FIXTURE(S) IN PLACE.

(13) REFURBISH TAXIWAY CENTERLINE LIGHT FIXTURES AT THE LOCATIONS SHOWN WITHIN THE PFAS CONTAMINATION ZONE (LIGHTS E3C3-E3C7), SEE DETAIL 4, SHEET E13.

NOTES:

1. SEE SHEET E4 FOR GENERAL NOTES.

50' 25' 0 50' 100'

LEGEND:

EXISTING CONCRETE

Designed By:	MH
Drawn By:	MH
Checked By:	SB
Date Revised:	9/3/2021 8:35 AM
Layout Name:	E6
File Path and Name:	J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\03 Electrical\00675-ANC-Lighting Plan.dwg

PLANS DEVELOPED BY:
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BY	DATE	REVISION

STATE OF ALASKA
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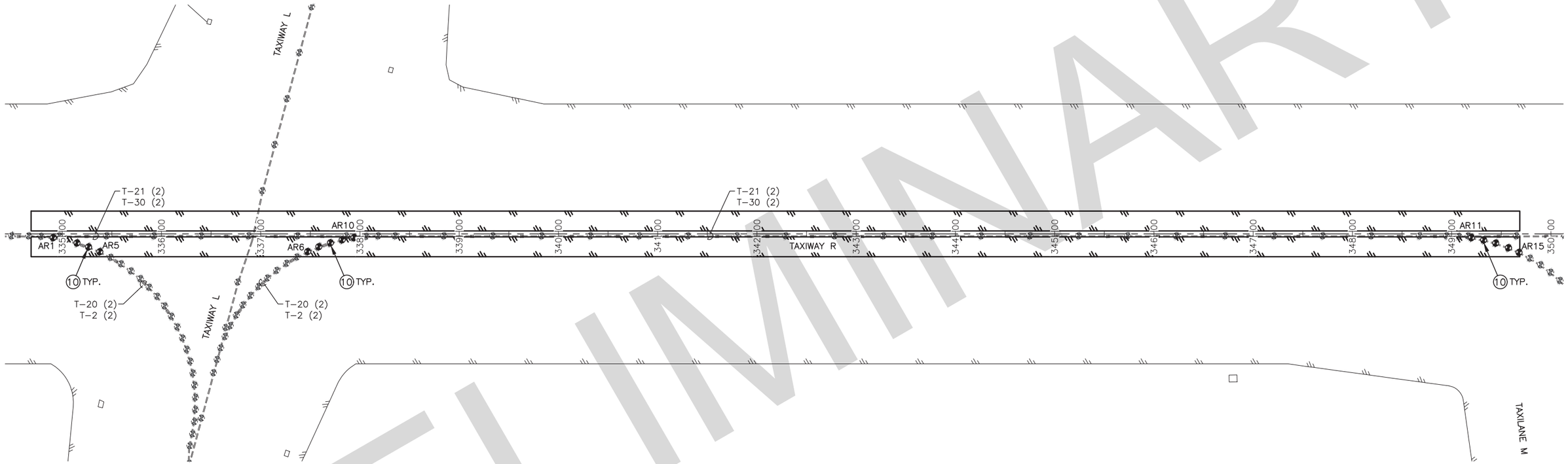
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
TL E3 ELECTRICAL PLAN - STA 250+00 TO STA 263+00

DATE: SEPTEMBER 2021

SHEET: E6 OF 74



SHEET NOTES:

(10) ADJUST EXISTING LIGHT FIXTURE TO FINISHED GRADE. AT THE LOCATIONS SHOWN, SEE DETAIL 2, SHEET E13

NOTES:

1. SEE SHEET E4 FOR GENERAL NOTES.

50' 25' 0 50' 100'

Designed By: MH
Drawn By: MH
Checked By: SB

Date Revised:
Layout Name: E7
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\06 CADD 2019\01 Working Set\03 Electrical\00675-ANC-Lighting Plan.dwg 9/3/2021 8:35 AM

PLANS DEVELOPED BY:
CRW ENGINEERING GROUP, LLC
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STATE OF ALASKA
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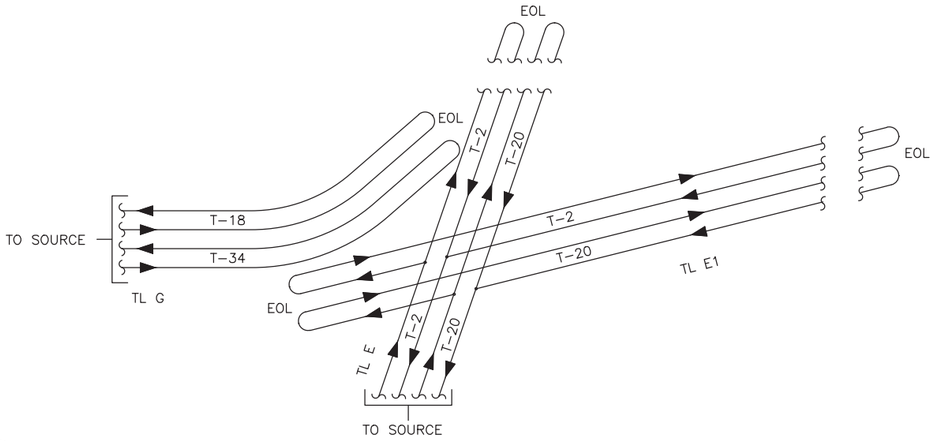
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
TW R ELECTRICAL PLAN – STA 334+00 TO STA 350+00

DATE: SEPTEMBER 2021

SHEET: E7 OF 74



1
E8

E-G INTERSECTION LIGHTING CIRCUIT DIAGRAM

SCALE: NTS

NOTES:

1. SEE SHEET E4 FOR GENERAL NOTES.

SHEET NOTES:

1. PROVIDE NEW TAXIWAY EDGE LIGHT FIXTURES AT LOCATIONS SHOWN, SEE DETAIL 1, SHEET E15.
2. PROVIDE NEW TAXIWAY CENTERLINE LIGHT FIXTURES AT THE LOCATIONS SHOWN, SEE SHEETS E11 & E12.
3. EXISTING EDGE OR CENTERLINE LIGHT FIXTURE TO REMAIN. PROVIDE NEW CIRCUIT CONNECTION TO EXISTING CONDUCTORS AND/OR TRANSFORMER IN EXISTING LIGHT BASE. CONNECTIONS ARE SUBSIDIARY TO L-108 ITEMS.
4. CONNECT EVERY OTHER TW/TL CENTERLINE FIXTURE TO SEPARATE PRIMARY AND SECONDARY (LOW-VIS) CIRCUITS AS INDICATED IN FIXTURE SCHEDULES.
5. CONNECT NEW CONDUIT TO EXISTING CONDUIT (DIRECT BURY) AT CONVENIENT LOCATION WITHIN PROJECT LIMITS WITH APPROVED COUPLING.
7. INSTALL NEW CONDUIT DRAIN TO EXISTING STORM DRAIN MANHOLE. AT THE LOCATIONS SHOWN, SEE DETAIL 3, SHEET E15
8. INSTALL NEW LIGHTED SIGN, SEE SHEETS E17 & E18.
9. PROVIDE GROUND ROD ELECTRODE AT LIGHT BASE.

LEGEND:

- PORTLAND CEMENT CONCRETE PAVEMENT
- TAXILANE CENTERLINE LIGHT
- TAXILANE EDGE LIGHT

20' 10' 0 20' 40'

Designed By:	MH
Drawn By:	MH
Checked By:	SB
Date Revised:	9/3/2021 8:35 AM
Layout Name:	E8
File Path and Name:	J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\03 Electrical\00675-ANC-Lighting Plan.dwg

PLANS DEVELOPED BY:
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3940 ARCTIC BLVD. SUITE 300
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BY	DATE	REVISION

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DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
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TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
E-G INTERSECTION ENLARGED
ELECTRICAL PLAN

DATE: SEPTEMBER 2021

SHEET: E8 OF 74

TAXIWAY CENTERLINE LIGHT SCHEDULE

NUMBER	LENS COLOR	BEAM DIRECTION	TYPE	WATTAGE		CIRCUIT	ALIGNMENT	STATION	OFFSET (FT)	WORK SCOPE
				LAMP	TRANSFORMER					
GC1	G/G	BI	L-852C	(2) 30	65	T-18	TAXILANE E1	201+48.04	2.5 LT	A
GC2	G/G	BI	L-852C	(2) 30	65	T-34	TAXILANE E1	201+94.72	2.5 LT	A
GC3	G/G	BI	L-852C	(2) 30	65	T-18	TAXILANE E1	202+41.40	2.5 LT	A
GC4	G/G	BI	L-852C	(2) 30	65	T-34	TAXILANE E1	202+88.07	2.5 LT	A
GC5	G/G	BI	L-852C	(2) 30	65	T-18	TAXILANE E1	203+34.75	2.5 LT	A
GC6	G/G	BI	L-852C	(2) 30	65	T-34	TAXILANE E1	203+81.42	2.5 LT	A
GC7	G/G	BI	L-852C	(2) 30	65	T-18	TAXILANE E1	204+28.10	2.5 LT	A
GC8	G/G	BI	L-852C	(2) 30	65	T-34	TAXILANE E1	204+74.78	2.5 LT	B
GC9	G/G	BI	L-852C	(2) 30	65	T-18	TAXILANE E1	205+21.45	2.5 LT	B
GC10	G/G	BI	L-852C	(2) 30	65	T-34	TAXILANE E1	205+68.18	2.5 LT	B
GC11	G/G	BI	L-852D	(2) 30	65	T-18	TAXILANE E1	205+80.28	2.1 LT	B
GC12	G/G	BI	L-852D	(2) 30	65	T-34	TAXILANE E1	205+92.32	1.4 LT	B
GC13	G/G	BI	L-852D	(2) 30	65	T-18	TAXILANE E1	206+04.21	0.7 LT	B
GC14	G/G	BI	L-852D	(2) 30	65	T-34	TAXILANE E1	206+16.06	0.9 LT	B
GC15	G/G	BI	L-852D	(2) 30	65	T-18	TAXILANE E1	206+27.85	2.1 LT	B
GC16	G/G	BI	L-852D	(2) 30	65	T-34	TAXILANE E1	206+39.49	4.3 LT	B
GC17	G/G	BI	L-852D	(2) 30	65	T-18	TAXILANE E1	206+50.89	7.5 LT	B
GC18	G/G	BI	L-852D	(2) 30	65	T-34	TAXILANE E1	206+61.97	11.8 LT	B
GC19	G/G	BI	L-852D	(2) 30	65	T-18	TAXILANE E1	206+72.63	16.9 LT	B
GC20	G/G	BI	L-852D	(2) 30	65	T-34	TAXILANE E1	206+82.81	23.0 LT	B
GC21	G/G	BI	L-852D	(2) 30	65	T-18	TAXILANE E1	206+92.41	30.0 LT	B
GC22	G/G	BI	L-852D	(2) 30	65	T-34	TAXILANE E1	207+01.38	37.7 LT	B
GC23	G/G	BI	L-852D	(2) 30	65	T-18	TAXILANE E1	207+09.63	46.2 LT	B
EC1	G/G	BI	L-852C (L)	17	20/25	T-2	TAXILANE E	126+03.74	2.0 LT	A
EC2	G/G	BI	L-852C (L)	17	20/25	T-20	TAXILANE E	126+35.92	2.5 LT	A
EC3	G/G	BI	L-852C (L)	17	20/25	T-2	TAXILANE E	126+84.80	2.5 LT	A
EC4	G/G	BI	L-852C (L)	17	20/25	T-20	TAXILANE E	127+33.78	2.5 LT	A
EC5	G/G	BI	L-852C (L)	17	20/25	T-2	TAXILANE E	127+82.66	2.5 LT	B
EC6	G/G	BI	L-852C (L)	17	20/25	T-20	TAXILANE E	128+31.54	2.5 LT	B
EC7	G/G	BI	L-852C (L)	17	20/25	T-2	TAXILANE E	128+80.42	2.5 LT	B
EC8	G/G	BI	L-852C (L)	17	20/25	T-20	TAXILANE E	129+29.31	2.5 LT	B
EC9	G/G	BI	L-852C (L)	17	20/25	T-2	TAXILANE E	129+71.39	2.5 LT	B
EC10	G/G	BI	L-852C (L)	17	20/25	T-20	TAXILANE E	130+13.47	2.5 LT	A
EC11	G/G	BI	L-852C (L)	17	20/25	T-2	TAXILANE E	130+55.55	2.5 LT	A
EC12	G/G	BI	L-852C (L)	17	20/25	T-20	TAXILANE E	131+05.55	2.5 LT	A
EC13	G/G	BI	L-852C (L)	17	20/25	T-2	TAXILANE E	131+55.55	2.4 LT	A
EC14	G/G	BI	L-852C (L)	17	20/25	T-20	TAXILANE E	132+05.55	2.4 LT	A
EC15	G/G	BI	L-852C (L)	17	20/25	T-2	TAXILANE E	132+55.70	2.3 LT	A
E1C1	G/G	BI	L-852C	(2) 30	65	T-2	TAXILANE E1	205+97.82	2.5 RT	A
E1C2	G/G	BI	L-852C	(2) 30	65	T-20	TAXILANE E1	206+46.79	2.5 RT	A
E1C3	G/G	BI	L-852C	(2) 30	65	T-2	TAXILANE E1	206+95.76	2.5 RT	A
E1C4	G/G	BI	L-852C	(2) 30	65	T-20	TAXILANE E1	207+44.73	2.5 RT	A
E1C5	G/G	BI	L-852C	(2) 30	65	T-2	TAXILANE E1	207+93.71	2.5 RT	A
E1C6	G/G	BI	L-852C	(2) 30	65	T-20	TAXILANE E1	208+42.68	2.5 RT	A
E1C7	G/G	BI	L-852C	(2) 30	65	T-2	TAXILANE E1	208+91.65	2.5 RT	A
E1C8	G/G	BI	L-852C	(2) 30	65	T-20	TAXILANE E1	209+40.62	2.5 RT	A
E1C9	G/G	BI	L-852C	(2) 30	65	T-2	TAXILANE E1	209+89.60	2.5 RT	A
E1C10	G/G	BI	L-852C	(2) 30	65	T-20	TAXILANE E1	210+38.57	2.5 RT	A
E1C11	G/G	BI	L-852C	(2) 30	65	T-2	TAXILANE E1	210+87.54	2.5 RT	A
E1C12	G/G	BI	L-852C	(2) 30	65	T-20	TAXILANE E1	211+36.51	2.5 RT	A

TAXIWAY CENTERLINE LIGHT SCHEDULE

NUMBER	LENS COLOR	BEAM DIRECTION	TYPE	WATTAGE		CIRCUIT	ALIGNMENT	STATION	OFFSET (FT)	WORK SCOPE	
				LAMP	TRANSFORMER						
E1C13	G/G	BI	L-852C	(2) 30	65	T-2	TAXILANE E1	211+85.49	2.5 RT	A	
E1C14	G/G	BI	L-852C	(2) 30	65	T-20	TAXILANE E1	212+34.46	2.5 RT	A	
E1C15	G/G	BI	L-852C	(2) 30	65	T-2	TAXILANE E1	212+83.43	2.5 RT	A	
E1C16	G/G	BI	L-852C	(2) 30	65	T-20	TAXILANE E1	213+32.41	2.5 RT	A	
E1C17	G/G	BI	L-852D	(2) 30	65	T-2	TAXILANE E1	213+81.38	2.5 RT	A	
E1C18	G/G	BI	L-852D	(2) 30	65	T-20	TAXILANE E1	213+92.75	2.5 RT	A	
E1C19	G/G	BI	L-852D	(2) 30	65	T-2	TAXILANE E1	214+04.13	2.5 RT	A	
E1C20	G/G	BI	L-852D	(2) 30	65	T-20	TAXILANE E1	214+15.50	2.5 RT	A	
E1C21	G/G	BI	L-852D	(2) 30	65	T-2	TAXILANE E1	214+26.88	2.5 RT	A	
E1C22	G/G	BI	L-852D	(2) 30	65	T-20	TAXILANE E1	214+38.25	2.5 RT	A	
E1C23	G/G	BI	L-852D	(2) 30	65	T-2	TAXILANE E1	214+49.63	2.5 RT	A	
E1C24	G/G	BI	L-852D	(2) 30	65	T-20	TAXILANE E1	214+61.00	2.5 RT	A	
E1C25	G/G	BI	L-852D	(2) 30	65	T-2	TAXILANE E1	214+72.38	2.5 RT	A	
E1C26	G/G	BI	L-852D	(2) 30	65	T-20	TAXILANE E1	214+83.71	2.5 RT	A	
E1C27	G/G	BI	L-852C	(2) 30	65	T-2	TAXILANE E1	215+22.16	2.5 LT	A	
E2C1	G/G	BI	L-852C	(2) 30	65	T-20	TAXILANE E3	256+35.21	176.4 RT	A	
E2C2	G/G	BI	L-852C	(2) 30	65	T-2	TAXILANE E3	256+35.26	134.3 RT	A	
E2C3	G/G	BI	L-852D	(2) 30	65	T-20	TAXILANE E3	256+35.31	92.1 RT	A	
E2C4	G/G	BI	L-852D	(2) 30	65	T-2	TAXILANE E3	256+34.56	80.4 RT	A	
E2C5	G/G	BI	L-852D	(2) 30	65	T-20	TAXILANE E3	256+32.28	68.9 RT	A	
E2C6	G/G	BI	L-852D	(2) 30	65	T-2	TAXILANE E3	256+28.52	57.8 RT	A	
E2C7	G/G	BI	L-852D	(2) 30	65	T-20	TAXILANE E3	256+23.34	47.3 RT	A	
E2C8	G/G	BI	L-852D	(2) 30	65	T-2	TAXILANE E3	256+16.83	37.5 RT	A	
E2C9	G/G	BI	L-852D	(2) 30	65	T-20	TAXILANE E3	256+09.10	28.7 RT	A	
E2C10	G/G	BI	L-852D	(2) 30	65	T-2	TAXILANE E3	256+00.28	21.0 RT	A	
E2C11	G/G	BI	L-852D	(2) 30	65	T-20	TAXILANE E3	255+90.53	14.5 RT	A	
E2C12	G/G	BI	L-852D	(2) 30	65	T-2	TAXILANE E3	255+80.02	9.3 RT	A	
E2C13	G/G	BI	L-852D	(2) 30	65	T-20	TAXILANE E3	255+68.91	5.5 RT	A	
E2C14	G/G	BI	L-852D	(2) 30	65	T-2	TAXILANE E3	255+57.41	3.3 RT	A	
E2C15	G/G	BI	L-852D	(2) 30	65	T-20	TAXILANE E3	255+45.81	2.5 RT	A	
E3C1	G/G	BI	L-852C	(2) 30	65	T-2	TAXILANE E3	251+99.12	0.9 RT	A	
E3C2	G/G	BI	L-852C	(2) 30	65	T-20	TAXILANE E3	252+29.41	2.5 RT	A	
E3C3	G/G	BI	L-852C	(2) 30	65	T-2	TAXILANE E3	252+74.61	2.5 RT	C	
E3C4	G/G	BI	L-852C	(2) 30	65	T-20	TAXILANE E3	253+19.81	2.5 RT	C	
E3C5	G/G	BI	L-852C	(2) 30	65	T-2	TAXILANE E3	253+65.01	2.5 RT	C	
E3C6	G/G	BI	L-852C	(2) 30	65	T-20	TAXILANE E3	254+10.21	2.5 RT	C	
E3C7	G/G	BI	L-852C	(2) 30	65	T-2	TAXILANE E3	254+55.41	2.5 RT	C	
E3C8	G/G	BI	L-852C	(2) 30	65	T-20	TAXILANE E3	255+00.61	2.5 RT	A	
E3C9	G/G	BI	L-852C	(2) 30	65	T-20	TAXILANE E3	255+90.67	2.5 RT	A	
E3C10	G/G	BI	L-852C	(2) 30	65	T-2	TAXILANE E3	256+35.53	2.5 RT	A	
E3C11	G/G	BI	L-852C	(2) 30	65	T-20	TAXILANE E3	256+80.38	2.5 RT	A	
E3C12	G/G	BI	L-852C	(2) 30	65	T-2	TAXILANE E3	257+25.24	2.5 RT	A	
E3C13	G/G	BI	L-852C	(2) 30	65	T-20	TAXILANE E3	257+70.10	2.5 RT	A	
E3C14	G/G	BI	L-852C	(2) 30	65	T-2	TAXILANE E3	258+14.95	2.5 RT	A	
E3C15	G/G	BI	L-852C	(2) 30	65	T-20	TAXILANE E3	258+59.81	2.5 RT	A	
E3C16	G/G	BI	L-852C	(2) 30	65	T-2	TAXILANE E3	259+04.67	2.5 RT	A	
E3C17	G/G	BI	L-852C	(2) 30	65	T-20	TAXILANE E3	259+49.52	2.5 RT	A	
E3H1	Y	UNI	L-852C	(1) 30	30/45	T-20	TAXILANE E3	252+56.08	4.3 LT	A	(1)
E3H2	Y	UNI	L-852C	(1) 30	30/45	T-20	TAXILANE E3	252+55.90	0.7 RT	A	(1)
E3H3	Y	UNI	L-852C	(1) 30	30/45	T-20	TAXILANE E3	252+55.90	5.7 RT	A	(1)

SCOPE OF WORK SUMMARY TABLE

WORK SCOPE	SHEET	DETAIL	DESCRIPTION
A	E11	1	LIGHT CAN REPLACEMENT IN HMA
B	E12	4	LIGHT CAN REPLACEMENT IN PCC
C	E13	4	LIGHT CAN REFURBISHMENT

NOTES:

(1) SEE PLAN FOR FIXTURE ORIENTATION.

PLANS DEVELOPED BY:
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BY	DATE	REVISION

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TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
TAXIWAY CENTERLINE LIGHT SCHEDULES

DATE: SEPTEMBER 2021

SHEET: E9 OF 74

Designed By: MH
Drawn By: MH
Checked By: SB

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Layout Name: E9
File Path and Name: J:\Jobs\Data\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\03 Electrical\00675-ANC-Lighting Plan.dwg

TAXIWAY EDGE LIGHT SCHEDULE

NUMBER	LENS COLOR	BEAM DIRECTION	TYPE	WATTAGE		CIRCUIT	ALIGNMENT	STATION	OFFSET (FT)
				LAMP	TRANSFORMER				
GE1	B	OMNI	L-861T	30	30/45	T-3	TAXILANE E1	202+58.51	53.8 LT
GE2	B	OMNI	L-861T	30	30/45	T-3	TAXILANE E1	204+24.48	58.7 LT
GE3	B	OMNI	L-861T	30	30/45	T-3	TAXILANE E1	204+67.85	67.9 LT
GE4	B	OMNI	L-861T	30	30/45	T-3	TAXILANE E1	205+11.23	77.2 LT
GE5	B	OMNI	L-861T	30	30/45	T-3	TAXILANE E1	205+54.60	86.4 LT
GE6	B	OMNI	L-861T	30	30/45	T-3	TAXILANE E1	202+58.51	47.5 RT
GE7	B	OMNI	L-861T	30	30/45	T-3	TAXILANE E1	204+24.48	47.5 RT
GE8	B	OMNI	L-861T	30	30/45	T-3	TAXILANE E1	205+15.75	47.5 RT
GE9	B	OMNI	L-861T	30	30/45	T-3	TAXILANE E1	205+65.75	47.5 RT
GE10	B	OMNI	L-861T	30	30/45	T-3	TAXILANE E1	205+79.93	47.9 RT
EE1	B	OMNI	L-861T	30	30/45	T-3	TAXILANE E	129+91.26	81.0 LT
EE2	B	OMNI	L-861T	30	30/45	T-3	TAXILANE E	129+79.64	78.6 LT
EE3	B	OMNI	L-861T	30	30/45	T-3	TAXILANE E	129+52.92	84.3 LT
EE4	B	OMNI	L-861T	30	30/45	T-3	TAXILANE E	129+26.18	90.0 LT
EE5	B	OMNI	L-861T	30	30/45	T-3	TAXILANE E	128+99.46	95.7 LT
EE6	B	OMNI	L-861T	30	30/45	T-3	TAXILANE E	127+34.74	59.1 LT
EE7	B	OMNI	L-861T	30	30/45	T-3	TAXILANE E	127+07.84	60.0 LT

TAXIWAY LIGHT ADJUSTMENT SCHEDULE

LIGHT	ALIGNMENT	STATION	OFFSET (FT)	EXISTING GRADE ELEV. (FT)	FINISHED GRADE ELEV. (FT)	ADJUSTMENT (INCHES)	REMARKS
AE1	TAXILANE E	130+32.86	88.6 LT	93.35	93.24	-1.5	ADJUST LIGHT CAN
A1	TAXILANE E	131+63.17	41.1 RT	93.16	93.16	0.0	NO GRADE ADJUSTMENT
A2	TAXILANE E	131+70.58	43.1 LT	92.70	92.70	0.0	NO GRADE ADJUSTMENT
A3	TAXILANE E	131+61.16	35.7 LT	92.77	92.77	0.0	NO GRADE ADJUSTMENT
A4	TAXILANE E	131+51.36	28.9 LT	92.88	92.88	0.0	NO GRADE ADJUSTMENT
A5	TAXILANE E	131+40.95	22.6 LT	92.99	92.99	0.0	NO GRADE ADJUSTMENT
A6	TAXILANE E	131+30.19	17.3 LT	93.12	93.12	0.0	NO GRADE ADJUSTMENT
A7	TAXILANE E	131+19.03	12.7 LT	93.26	93.26	0.0	NO GRADE ADJUSTMENT
A8	TAXILANE E	131+07.73	8.8 LT	93.39	93.39	0.0	NO GRADE ADJUSTMENT
A9	TAXILANE E	130+96.13	5.9 LT	93.51	93.51	0.0	NO GRADE ADJUSTMENT
A10	TAXILANE E	130+84.46	3.8 LT	93.65	93.65	0.0	NO GRADE ADJUSTMENT
A11	TAXILANE E	130+71.48	2.5 LT	93.88	93.88	0.0	NO GRADE ADJUSTMENT
A12	TAXILANE E1	215+24.70	170.7 RT	93.70	93.70	0.0	NO GRADE ADJUSTMENT

TAXIWAY LIGHT ADJUSTMENT SCHEDULE

LIGHT	ALIGNMENT	STATION	OFFSET (FT)	EXISTING GRADE ELEV. (FT)	FINISHED GRADE ELEV. (FT)	ADJUSTMENT (INCHES)	REMARKS
AR1	TAXIWAY R	334+90.79	3.8 RT	107.48	107.48	0.0	NO GRADE ADJUSTMENT
AR2	TAXIWAY R	335+02.89	6.1 RT	107.63	107.63	0.0	NO GRADE ADJUSTMENT
AR3	TAXIWAY R	335+14.80	9.2 RT	107.58	107.58	0.0	NO GRADE ADJUSTMENT
AR4	TAXIWAY R	335+26.45	13.2 RT	107.49	107.49	0.0	NO GRADE ADJUSTMENT
AR5	TAXIWAY R	335+37.78	18.0 RT	107.37	107.37	0.0	NO GRADE ADJUSTMENT
AR6	TAXIWAY R	337+47.24	17.7 RT	107.45	107.45	0.0	NO GRADE ADJUSTMENT
AR7	TAXIWAY R	337+58.49	13.0 RT	107.47	107.47	0.0	NO GRADE ADJUSTMENT
AR8	TAXIWAY R	337+70.06	9.1 RT	107.45	107.45	0.0	NO GRADE ADJUSTMENT
AR9	TAXIWAY R	337+81.88	6.0 RT	107.38	107.38	0.0	NO GRADE ADJUSTMENT
AR10	TAXIWAY R	337+93.89	3.8 RT	107.33	107.33	0.0	NO GRADE ADJUSTMENT
AR11	TAXIWAY R	349+19.85	3.8 RT	104.18	104.18	0.0	NO GRADE ADJUSTMENT
AR12	TAXIWAY R	349+32.19	6.2 RT	103.91	103.91	0.0	NO GRADE ADJUSTMENT
AR13	TAXIWAY R	349+44.32	9.4 RT	103.79	103.79	0.0	NO GRADE ADJUSTMENT
AR14	TAXIWAY R	349+57.04	13.9 RT	103.71	103.71	0.0	NO GRADE ADJUSTMENT
AR15	TAXIWAY R	349+67.75	18.6 RT	103.59	103.59	0.0	NO GRADE ADJUSTMENT

TAXIWAY LIGHT ADJUSTMENT NOTES:

1. SEE DETAIL 2, SHEET E13 FOR LIGHT ADJUSTMENT DETAILS.

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TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
TAXIWAY EDGE LIGHT & ADJUSTMENT SCHEDULES

DATE: SEPTEMBER 2021
SHEET: E10 OF 74

Designed By: MH
Drawn By: MH
Checked By: SB

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Layout Name: E10
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\03 Electrical\00675-ANC-Lighting Plan.dwg
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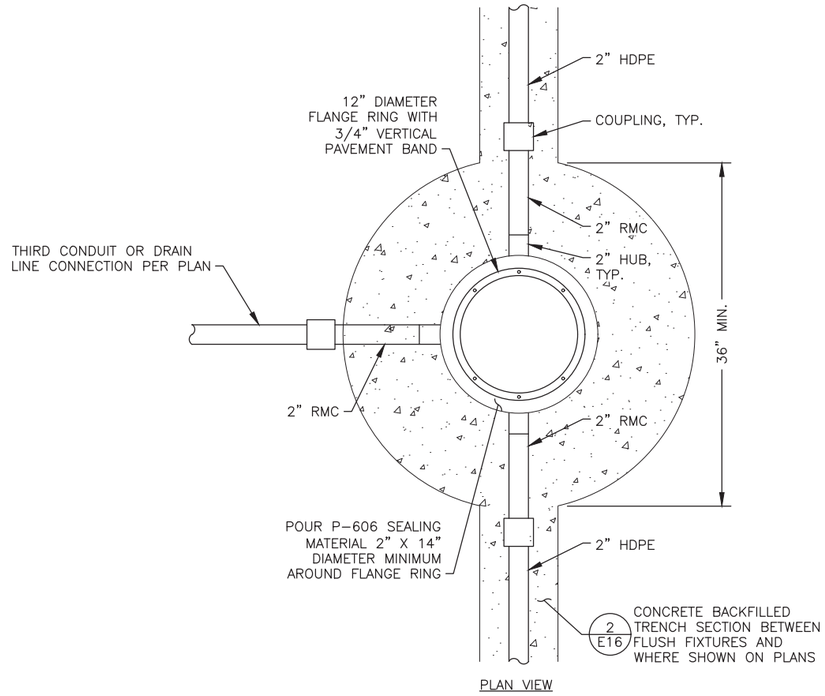
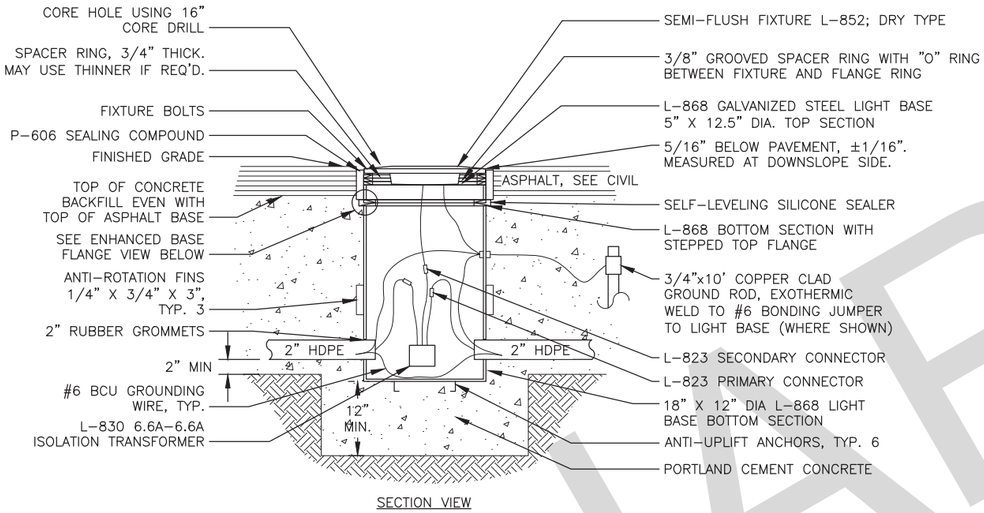
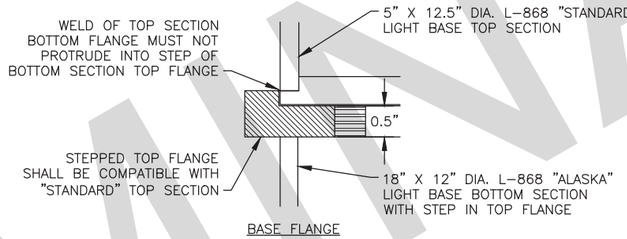


PLAN VIEW



SECTION VIEW



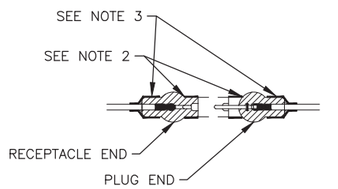
BASE FLANGE

DETAIL 1 NOTES:

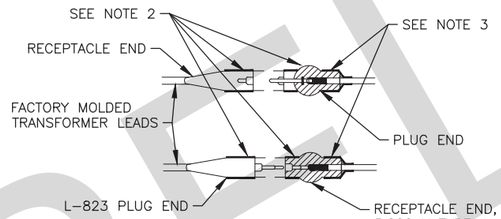
1. SEALING MATERIAL SHALL BE AN APPROVED PRODUCT MEETING FEDERAL STANDARD P-606.
2. PROVIDE SELF-LEVELING SILICONE SEALER AT THE INTERFACE OF THE TOP SECTION AND BASE CAN ONLY.
3. CONDUIT SHALL BE INSTALLED AT THE SAME FINISHED GRADE AS THE RUNWAY OR TAXIWAY AND SLOPED TO DRAIN TO THE LOW SPOTS AND DRAINS WHERE SHOWN ON PLANS.
4. ALL CONDUIT AND NEW FIXTURE BOTTOM SECTIONS SHALL BE INSTALLED BEFORE INSTALLATION/APPLICATION OF TYPE V PAVING ASPHALT.
5. CONCRETE SHALL BE SEALED WITH AN APPROVED PRODUCT MEETING FEDERAL STANDARDS. SEALANT TO BE APPLIED AFTER CONCRETE IS FULLY CURED.
6. LEAVE SUFFICIENT SLACK IN POWER FEED CONDUCTORS TO MAKE CONNECTIONS 2 FEET ABOVE GRADE. LEAVE IN RETURN/LOOP CONDUCTORS TO REACH 1 FOOT ABOVE GRADE WITH CENTER OF SLACK CONDUCTOR.

1 E11 RECESSED CENTERLINE LIGHT DETAILS

SCALE: NTS



TYPE B
FOR SPLICES FOR USE AT TEST POINTS, JUNCTION OF HOMERUN WITH LOOP CIRCUITS, AND SPLICES IN HOMERUN CABLES



TYPE C
FOR SPLICES AT TAXIWAY LIGHTS*

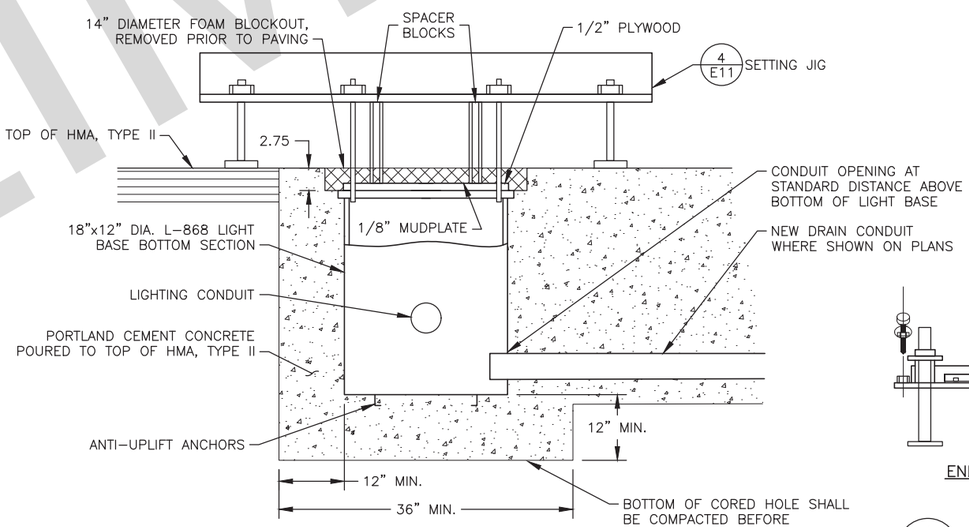
*HEAT SHRINK TUBING MUST NOT BE USED ON SPLICE KITS

2 E11 L-823 CABLE CONNECTOR DETAIL

SCALE: NTS

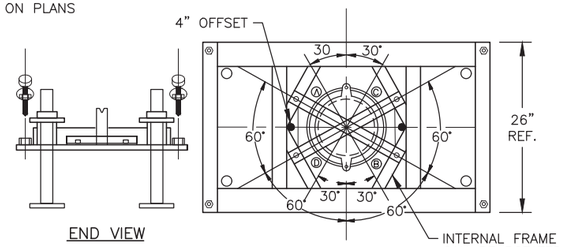
DETAIL 2 NOTES:

1. CABLE SHALL MEET SPECIFICATION L-824. INSIDE DIAMETER OF CONNECTOR SHALL PROPERLY MATCH THE OUTSIDE DIAMETER OF CABLE. CONNECTOR SHALL BE SUPPLIED TO MATCH CABLE PER MANUFACTURER'S INSTRUCTIONS.
2. PULL FACTORY-MOLDED SEALING FLAP ACROSS CONNECTOR MATING POINT. WRAP WITH A MINIMUM OF ONE LAYER RUBBER TAPE AND ONE LAYER PLASTIC TAPE, EACH LAYER ONE-HALF LAPPED, EXTENDING AT LEAST 1.5" ON EACH SIDE OF JOINT.
3. WRAP CABLE ENTRY POINT OF FIELD-INSTALLED CONNECTOR WITH A MINIMUM OF ONE LAYER RUBBER TAPE AND ONE LAYER PLASTIC TAPE, EACH LAYER ONE-HALF LAPPED, EXTENDING AT LEAST 2" ONTO CABLE AND CONNECTOR. NO TAPE ON SECONDARY CONNECTORS.
4. L-823 CONNECTOR SHALL HAVE TAPERED STRAIN RELIEF AT CABLE ENTRY.



3 E11 LIGHT BASE SETTING JIG DETAIL

SCALE: NTS



END VIEW

4 E11 SETTING JIG DETAILS

SCALE: NTS

Designed By:	MH		
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Date Revised:	9/3/2021 9:27 AM		
Layout Name:	E11		
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PROJECT No. CFAPT00675
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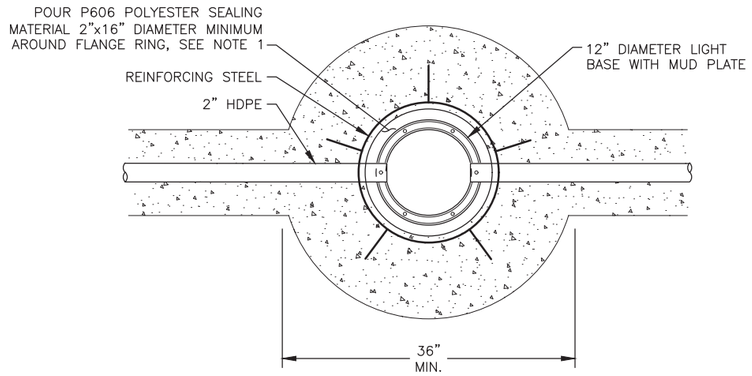
ELECTRICAL DETAILS

DATE: SEPTEMBER 2021

SHEET: E11 OF 74

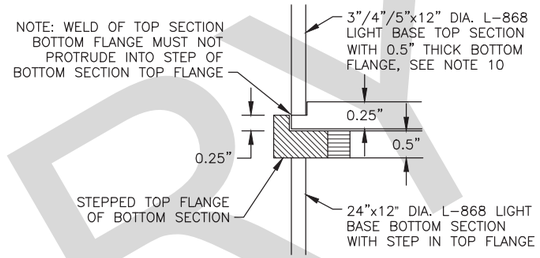


1 / E12 PCC LIGHT BASE FOOTING – PLAN VIEW

SCALE: NTS

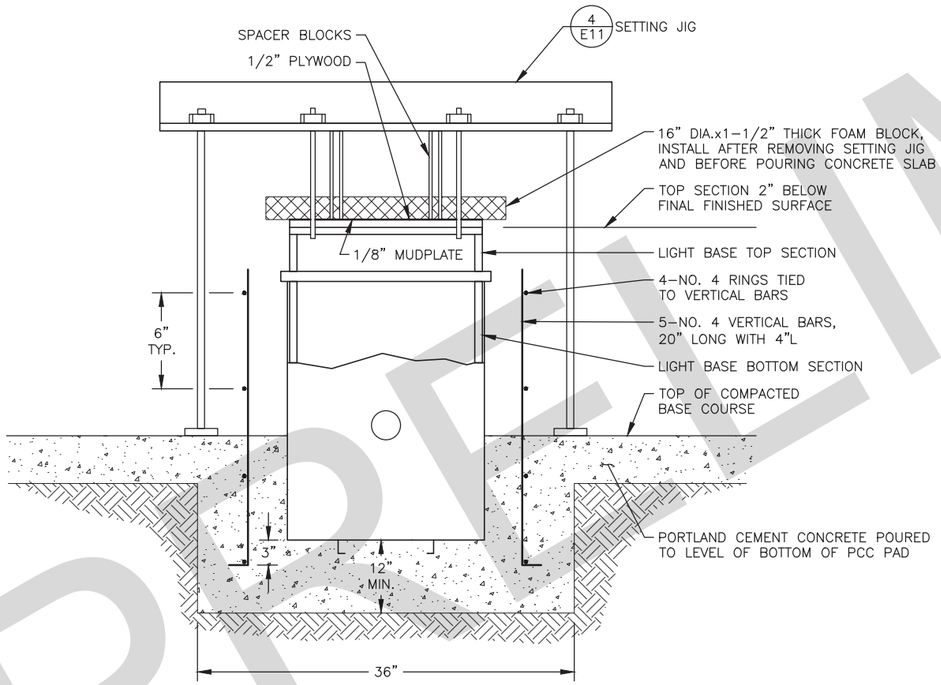
NOTES:

1. POLYESTER SEALING MATERIAL SHALL BE BITUPLASTIC MATERIALS MEETING FED SPEC P 606. ANNULUS TO BE CLEAN AND DRY PRIOR TO POURING EPOXY.
2. SELF–LEVELING SILICONE SEALER SHALL BE GE BRAND RTV118 OR APPROVED EQUAL.
3. FIXTURE SHALL BE A FLUSH MOUNT MODEL AND INSTALLATION SHALL BE A DRY TYPE SYSTEM. PROVIDE 3/8" SPACER RING UNDER FLANGE RING.
4. CONDUIT SYSTEM SHALL BE INSTALLED AT THE SAME GRADE AS THE TAXIWAY AND SLOPED TO DRAIN TO THE LOW SPOTS AND DRAINS WHERE SHOWN.
5. BOTTOM OF CORED HOLE SHALL BE COMPACTED BEFORE CONCRETE IS POURED.
6. A THIRD HUB FOR A CONDUIT DRAIN SHALL BE PROVIDED WHERE SHOWN ON PLANS.
7. SETTING JIG FOR FIXTURE SHALL BE FROM JAQUITH INDUSTRIES INC. OR APPROVED EQUAL AND SHALL BE INCIDENTAL TO THE CONTRACT.
8. CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION P–610 OR P–501.
9. ALL CONCRETE SHALL BE SEALED IN ACCORDANCE WITH REQUIREMENTS OF SECTION P–610
10. USE 3" TOP SECTIONS FOR TAXIWAY CENTERLINE FIXTURES INSTALLED IN ACCORDANCE WITH DETAILS ON THIS SHEET UNLESS OTHERWISE INDICATED.



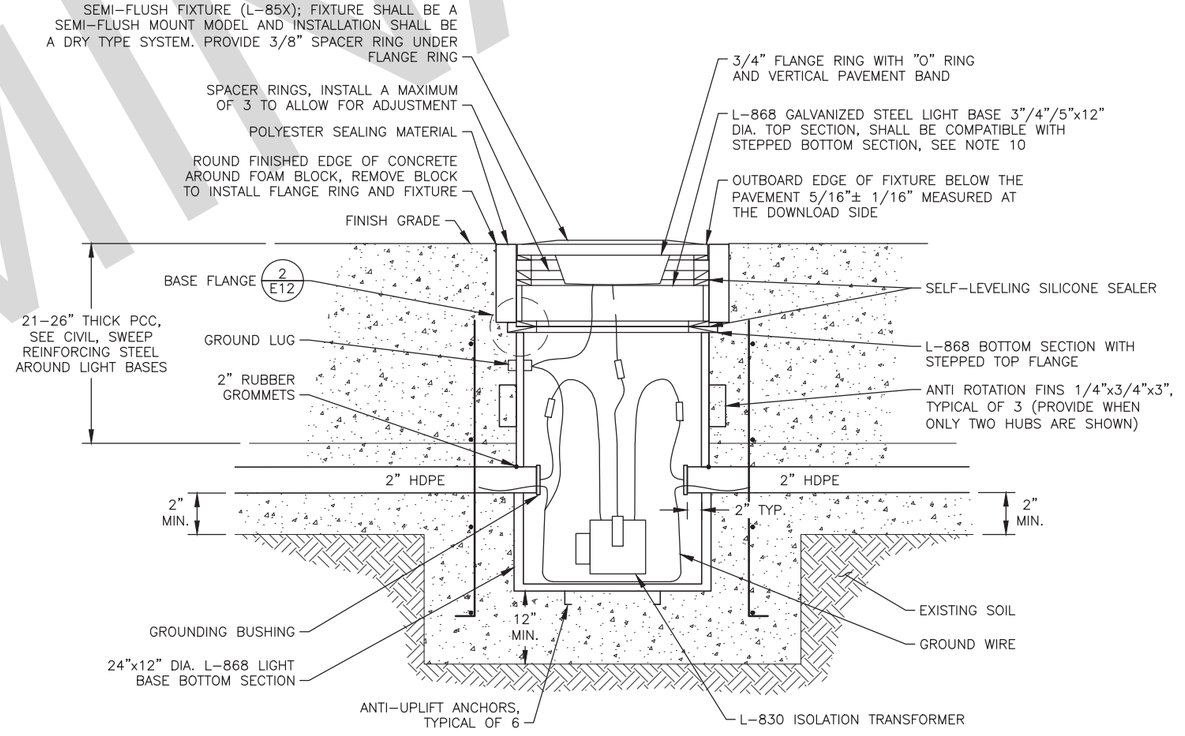
2 / E12 BASE FLANGE DETAIL

SCALE: NTS



3 / E12 RECESSED LIGHT BASE REPLACEMENT – SECTION VIEW TYPE L–852D, L–850A, L–850B

SCALE: NTS



4 / E12 PCC RECESSED LIGHT – SECTION VIEW

SCALE: NTS

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Checked By: SB

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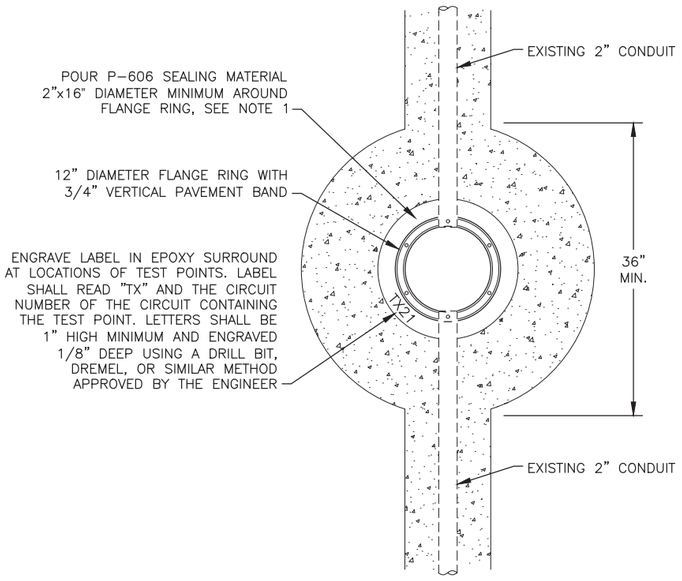
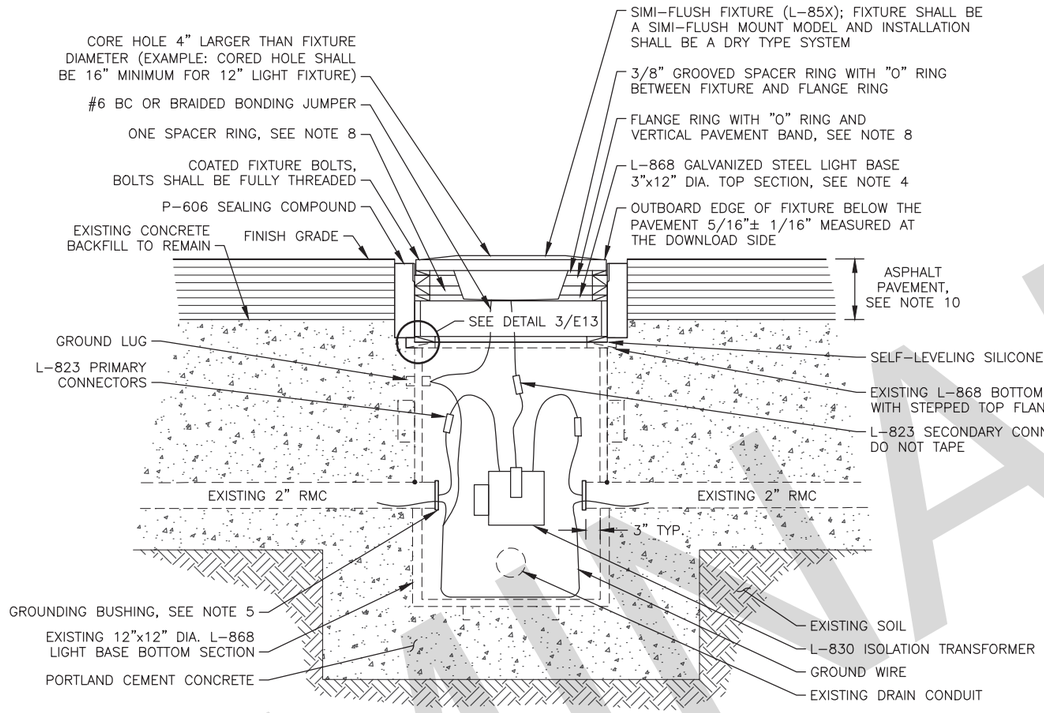
ELECTRICAL DETAILS

DATE: SEPTEMBER 2021

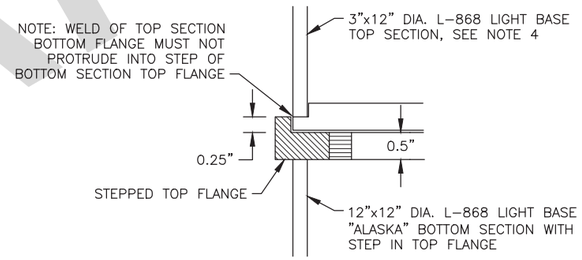
SHEET: E12 OF 74



1 E13 RECESSED LIGHT ADJUSTMENT – PLAN VIEW
SCALE: NTS



2 E13 RECESSED LIGHT ADJUSTMENT – SECTION VIEW
SCALE: NTS



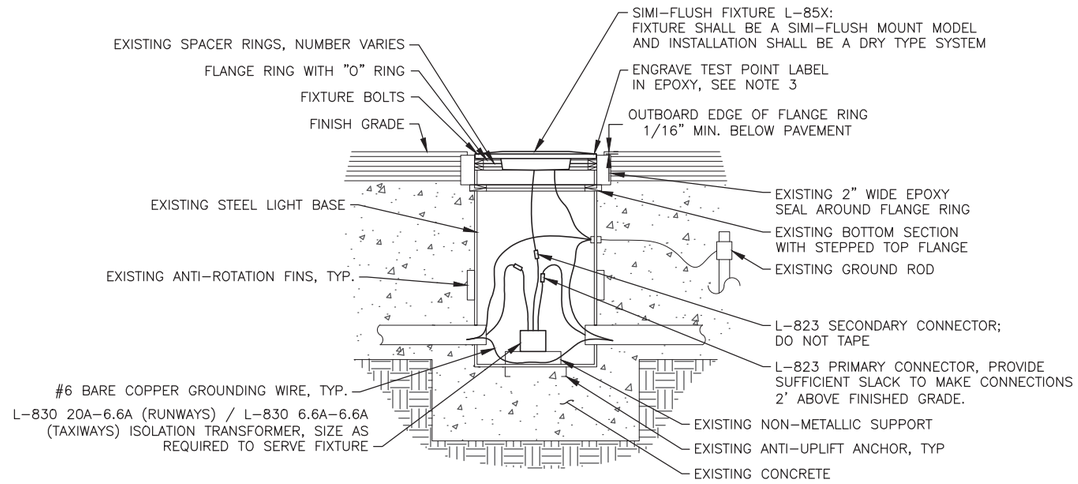
3 E13 BASE FLANGE DETAIL
SCALE: NTS

RECESSED LIGHT ADJUSTMENT:

1. P-606 SEALING COMPOUND SHALL BE POLYURETHANE MATERIALS MEETING FED SPEC P-606. ANNULUS TO BE CLEAN AND DRY PRIOR TO POURING PRODUCT. MIX AND APPLY USING MANUFACTURER EQUIPMENT AND PROCEDURES.
2. SELF-LEVELING SILICONE SEALER SHALL BE GE BRAND RTV118 OR APPROVED EQUAL. NO SELF-LEVELING SILICONE SEALER SHALL BE INSTALLED BETWEEN TOP FLANGE OF TOP SECTION, SPACER RINGS, AND FLANGE RING.
3. FIXTURE SHALL BE A SEMI-FLUSH MOUNT MODEL AND INSTALLATION SHALL BE A DRY TYPE SYSTEM.
4. LIGHT BASE TOP SECTION SHALL BE COMPATIBLE WITH STEP FLANGE OF EXISTING "ALASKA" BOTTOM SECTION. UNLESS OTHERWISE INDICATED, EXISTING TOP SECTIONS ARE OLDER STYLE 12" DIAMETER "ALASKA" TOP SECTIONS. MOST EXISTING TOP SECTIONS ARE 3" HIGH, HOWEVER SOME MAY BE 2" HIGH. WITH THE INCREASE IN ASPHALT THICKNESS, IT IS ANTICIPATED THAT ALL NEW TOP SECTIONS WILL BE 3".
5. REMOVE EXISTING GROUNDING BUSHINGS, CLEAN CONDUIT THREADS, AND INSTALL NEW GROUNDING BUSHINGS.
6. FIXTURE BOLTS FOR RECESSED LIGHTS SHALL BE FLUOROPOLYMER COATED, A MAXIMUM OF 3.5" LONG. NO ANTI-SIEZE SHALL BE INSTALLED ON COATED BOLTS.
7. CIRCUIT GROUND WIRE ROUTED IN CONDUIT SHALL BE CONTINUOUS THROUGH LIGHT BASE OR JOINED USING IRREVERSIBLE COMPRESSION CONNECTORS AND SHALL NOT RELY ON LIGHT BASE GROUND LUG FOR CONTINUITY.
8. BASIS OF DESIGN IS 3/4" THICK FLANGE RING AND 3/4" SPACER RING. WHEN APPROVED BY THE ENGINEER, THINNER RINGS MAY BE UTILIZED IF REQUIRED TO MEET SPECIFIED FIXTURE ELEVATION.
9. LEAVE SUFFICIENT SLACK IN POWER FEED CONDUCTORS TO MAKE CONNECTIONS 2 FEET ABOVE GRADE. LEAVE SUFFICIENT SLACK IN RETURN AND LOOP CONDUCTORS TO REACH 2 FOOT ABOVE GRADE WITH CENTER OF SLACK CONDUCTOR.
10. VARY ASPHALT MILL DEPTH TO AT ALL RECESSED CENTERLINE LIGHTS SCHEDULED FOR ADJUSTMENT AND REFURBISHMENT, SEE DETAIL 1 SHEET E14.

RECESSED LIGHT REFURBISHMENT NOTES:

1. PROVIDE A TEST POINT AT EVERY 10TH LIGHT CAN SCHEDULED FOR WORK OR AS DIRECTED BY THE ENGINEER. ENGRAVE LABEL AT LOCATIONS OF TEST POINTS. LABEL SHALL READ "TX" AND THE CIRCUIT NUMBER OF THE CIRCUIT CONTAINING THE TEST POINT. LETTERS SHALL BE 1" HIGH MINIMUM AND ENGRAVED 1/8" DEEP USING A DRILL BIT, DREMEL, OR SIMILAR METHOD APPROVED BY THE ENGINEER. REMOVE OLD TEST POINT LABELS WITH A GRINDER OR SIMILAR METHOD APPROVED BY THE ENGINEER.



4 E13 RECESSED LIGHT REFURBISHMENT
SCALE: NTS

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Layout Name: E13
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\03 Electrical\00675-ANC-Lighting Details.dwg

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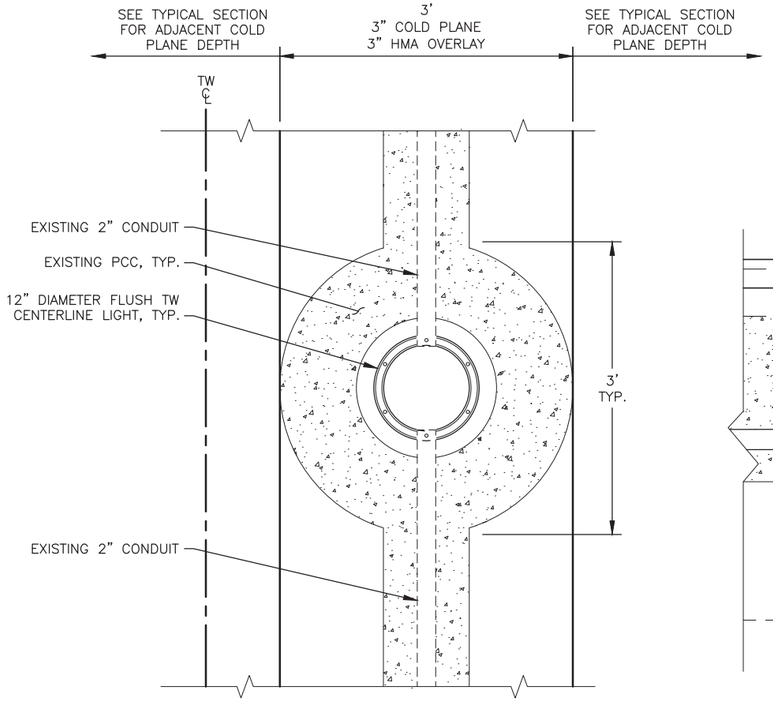
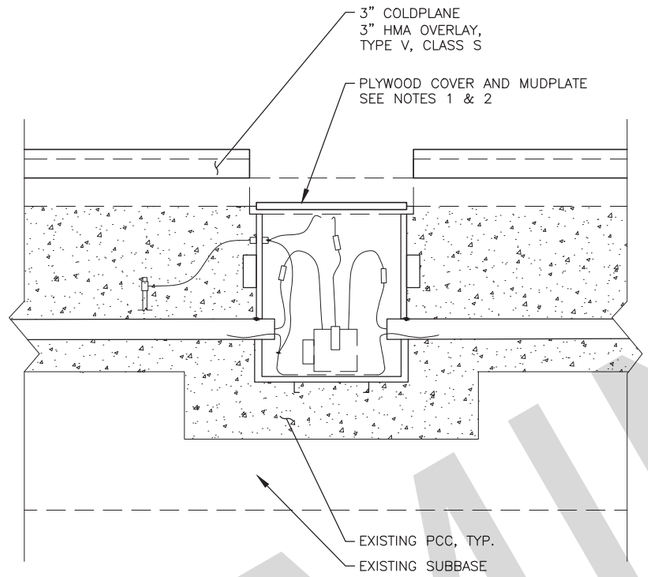


PLAN



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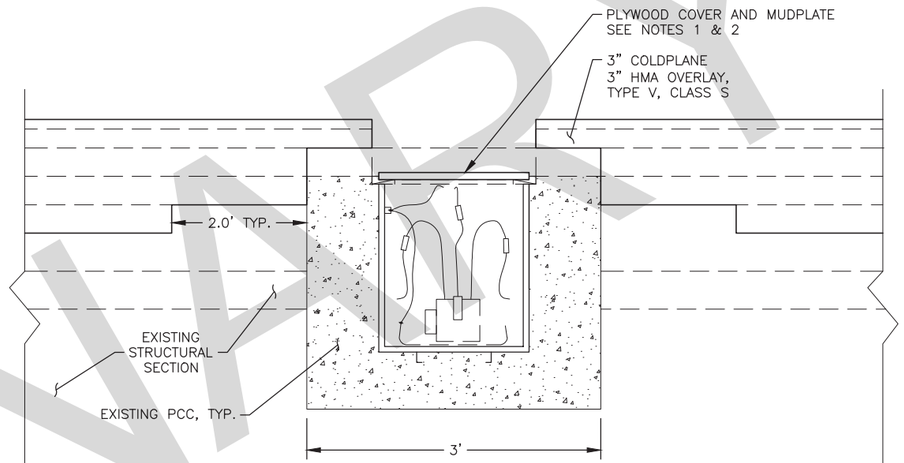

SECTION

1
E14

COLD PLANE DETAIL AT CENTERLINE LIGHTS AND LIGHT TRENCH

SCALE: NTS

COLD PLANE DETAIL NOTES:

1. SEE ELECTRICAL FOR TAXIWAY CENTERLINE LIGHT INSTALLATION DETAILS.
2. TOP SECTIONS OF TAXIWAY CENTERLINE LIGHTS MUST BE REMOVED AND PLYWOOD COVER AND MUDPLATE INSTALLED PRIOR TO COLD PLANING ON TAXIWAY CENTERLINE. A 3 FEET WIDE STRIP SURROUNDING THE LIGHTS MUST BE COLD PLANED 3 INCHES AND OVERLAID WITH THE FINAL 3 INCH LIFT OF HMA, TYPE V, CLASS S. MOST EXISTING TOP SECTIONS ARE 3 INCH TALL, HOWEVER, SOME MAY BE 2 INCH TALL. VERIFY DEPTH TO BOTTOM SECTION PRIOR TO COLD PLANING TO PREVENT DAMAGE.

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File Path and Name: J:\Jobs\Data\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\03 Electrical\00675-ANC-Lighting Details.dwg

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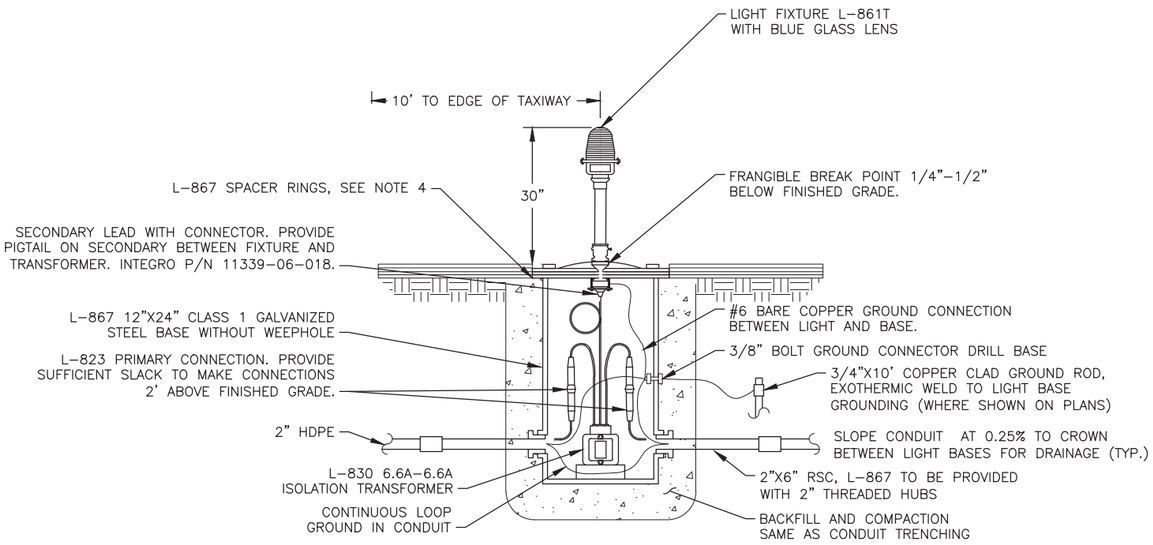
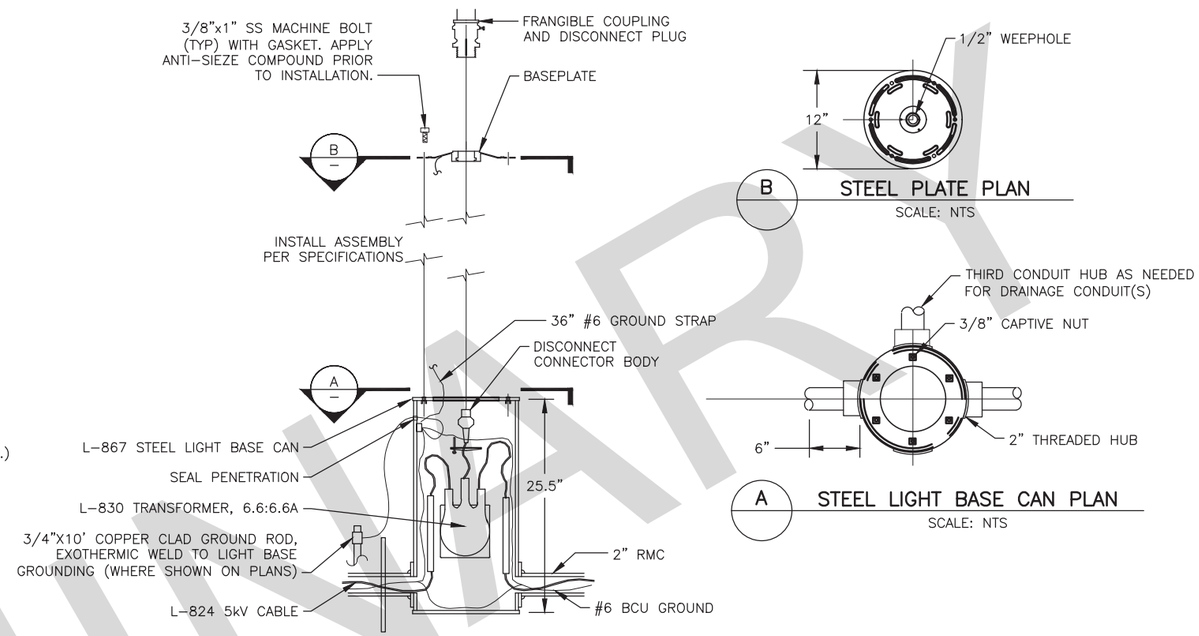


1 / E15 ELEVATED TAXIWAY EDGE LIGHT

SCALE: NTS

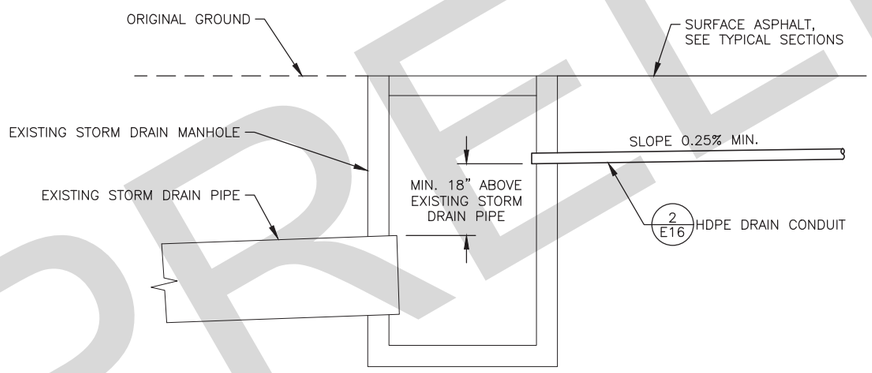
DETAIL 1 NOTES:

1. SEALING MATERIAL SHALL BE AN APPROVED PRODUCT MEETING FEDERAL STANDARD P-606.
2. CONDUIT SHALL BE INSTALLED AT THE SAME GRADE AS THE RUNWAY OR TAXIWAY AND SLOPED TO DRAIN TO THE LOW SPOTS AND DRAINS WHERE SHOWN ON PLANS.
3. A THIRD HUB FOR CONDUIT DRAIN SHALL BE PROVIDED WHERE SHOWN ON PLANS.
4. COMPLETED INSTALLATION OF ELEVATED EDGE LIGHTS WITH REPLACED LIGHT BASES SHALL INCLUDE A MINIMUM OF TWO 1/2" SPACER RINGS BELOW BASEPLATE. THICKER SPACER RINGS MAY BE REQUIRED. ADDITIONAL TEMPORARY SPACER RINGS REQUIRED DURING SET UP FOR PAVING ARE THE CONTRACTOR'S RESPONSIBILITY AND NO ADDITIONAL PAYMENT SHALL BE MADE. WHEN APPROVED BY THE ENGINEER IN WRITING, THE SPACER RINGS MAY BE REMOVED OR REPLACED WITH THINNER SPACER RINGS DURING BASEPLATE INSTALLATION TO LOWER FRANGIBLE COUPLING TO SPECIFIED ELEVATION.
5. IF 0.25% CONDUIT DRAIN SLOPE CANNOT BE MAINTAINED IN ONE DIRECTION DUE TO SLOPE OF GRADE, LAY CONDUIT FLAT WITHOUT CROWN.



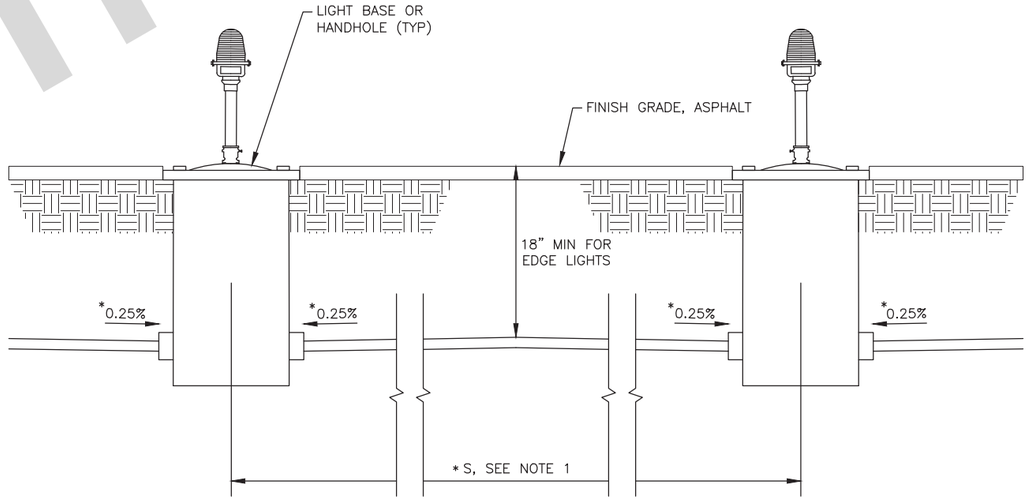
2 / E15 L-867 STEEL LIGHT BASE EDGE LIGHT CAN DETAIL

SCALE: NTS



3 / E15 DRAIN CONDUIT DETAIL

SCALE: NTS



4 / E15 TYPICAL INTERCONNECTION DETAIL

SCALE: NTS

DETAIL 4 NOTES:

*1. CONDUIT SLOPE FOLLOWS FINISH GRADE TO DRAIN TO DESIGNATED LIGHT BASES PROVIDED WITH DAYLIGHT DRAINS AS SHOWN ON PLANS. IF 'S' IS LESS THAN 20', OR IF 0.25% SLOPE CAN BE MAINTAINED IN ONE DIRECTION DUE TO SLOPE OF FINISH GRADE, LAY CONDUIT STRAIGHT WITHOUT CROWN BETWEEN BASES/HANDHOLES.

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ELECTRICAL DETAILS

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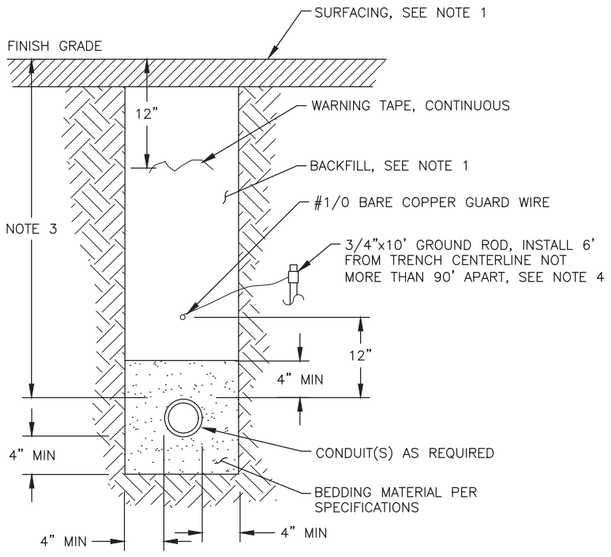


1 / E16 TYPICAL CONDUIT TRENCH DETAIL

SCALE: NTS

CONDUIT TRENCH NOTES:

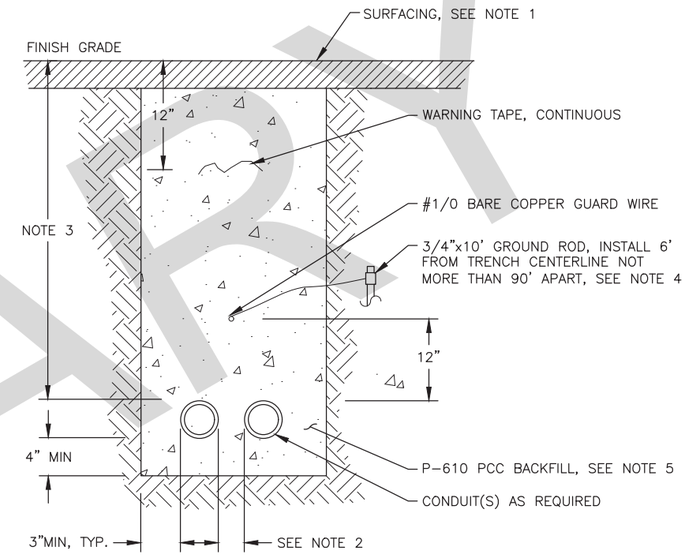
1. IN AREAS OF NEW CONSTRUCTION, SEE CIVIL TYPICAL SECTIONS FOR SURFACING AND BACKFILL. IN EXISTING AREAS, MATCH EXISTING SURFACING AND BACKFILL WITH EXISTING MATERIALS REMOVED FROM TRENCH UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
2. SEPARATION BETWEEN CONDUITS SHALL BE AS FOLLOWS:
   - –CONDUIT OF SAME TYPE (POWER OR SIGNAL) – 2"
   - –AIRPORT LIGHTING AND FAA CONDUITS – 12" MIN
   - –PRIMARY POWER AND ANY OTHER CONDUIT – 18" MIN
   - –TELECOM SERVICE AND ANY OTHER CONDUIT – 18" MIN
   - –FAA NAVAID CONDUITS, POWER AND CONTROL – 6" MIN
3. MINIMUM BURIAL DEPTH SHALL BE AS FOLLOWS:
   - –AIRPORT LIGHTING CONDUITS – 18"
   - –FAA AND COMMUNICATIONS CONDUITS – 36"
   - –FAA CONDUITS WHERE UNDER TRAFFIC AREAS – 48"
4. PROVIDE GUARD WIRE AND ASSOCIATED GROUND RODS ONLY FOR THE FOLLOWING CONDUITS: FAA LIGHTING, NAVIGATION SYSTEM, PAPI CONDUITS, RVR CONDUITS.
5. UNDERGROUND WARNING TAPE SHALL BE 6" WIDE AND DETECTABLE FOR CONDUITS LISTED IN NOTE 4.

CONCRETE ENCASED CONDUIT NOTES:

1. IN AREAS OF NEW CONSTRUCTION, SEE CIVIL FOR SURFACING. IN EXISTING AREAS, MATCH EXISTING SURFACING.
2. SEPARATION BETWEEN CONDUITS SHALL BE AS FOLLOWS:
   - –CONDUIT OF SAME TYPE (POWER OR SIGNAL) – 1–1/2"
   - –AIRPORT LIGHTING AND FAA CONDUITS – 12" MIN
   - –PRIMARY POWER AND ANY OTHER CONDUIT – 18" MIN
   - –TELECOM SERVICE AND ANY OTHER CONDUIT – 18" MIN
   - –FAA NAVAID CONDUITS, POWER AND CONTROL – 6" MIN
3. MINIMUM BURIAL DEPTH SHALL BE AS FOLLOWS:
   - –AIRPORT LIGHTING CONDUITS – 18"
   - –FAA AND COMMUNICATIONS CONDUITS – 36"
   - –AIRPORT LIGHTING DUCTBANKS – 24"
   - –FAA CONDUITS WHERE UNDER TRAFFIC AREAS – 48"
4. PROVIDE GUARD WIRE AND ASSOCIATED GROUND RODS ONLY FOR THE FOLLOWING CONDUITS: FAA LIGHTING, NAVIGATION SYSTEM, PAPI CONDUITS, RVR CONDUITS.
5. BACKFILL WITH CONCRETE TO LEVEL OF MILLED ASPHALT OR BASE MATERIAL BELOW SURFACE ASPHALT.
6. WIDTH OF TRENCH AND NUMBER OF CONDUITS PER TRENCH TO BE DETERMINED IN FIELD (2 SHOWN).

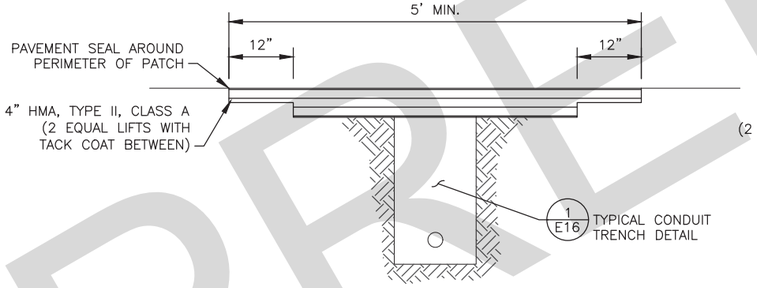
ELECTRICAL TRENCH DEMOLITION NOTES:

1. TRENCH DEPTH SHALL BE APPROXIMATELY 30" DEEP FROM TOP OF EXISTING GROUND OR AS REQUIRED FOR REMOVAL OF EXISTING LIGHT BASES, CONDUIT, AND CONCRETE.
2. SEE ELECTRICAL DEMOLITION PLANS FOR ELECTRICAL DEMOLITION TRENCH LIMITS.



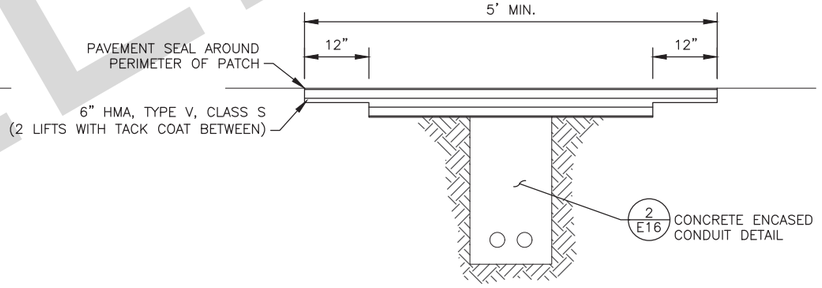
2 / E16 CONCRETE ENCASED CONDUIT DETAIL

SCALE: NTS



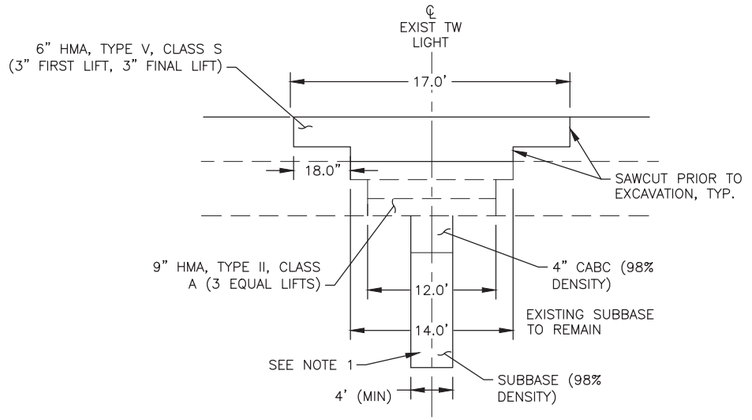
3 / E16 ASPHALT REPAIR DETAIL–NON–STRUCTURAL PAVEMENT

SCALE: NTS



4 / E16 ASPHALT REPAIR DETAIL–STRUCTURAL PAVEMENT

SCALE: NTS



5 / E16 ELECTRICAL TRENCH DEMOLITION DETAIL

SCALE: NTS

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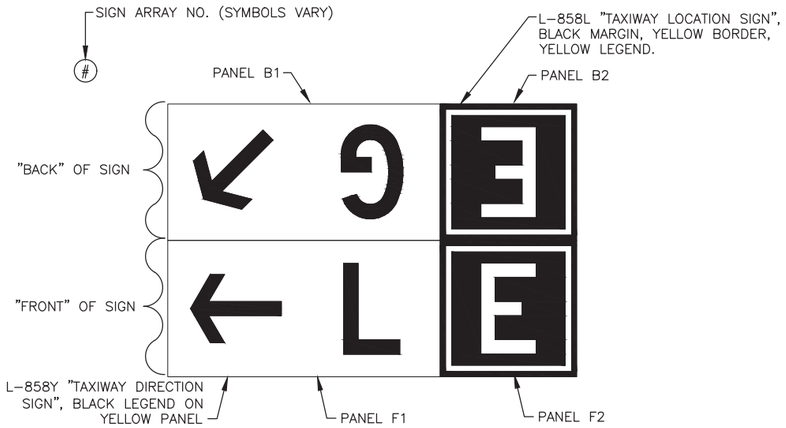


SIGN FACE NOTES:

1. NUMBER OF PANELS AND PANEL WIDTHS VARY WITH LEGEND, SEE SIGN SCHEDULE FOR DETAILS.
2. THIS IS AN EXAMPLE SIGN ONLY, AND MAY NOT INDICATE TAXIWAYS AT THIS PROJECT LOCATION. SEE ELECTRICAL PLAN SHEETS AND SIGN SCHEDULE

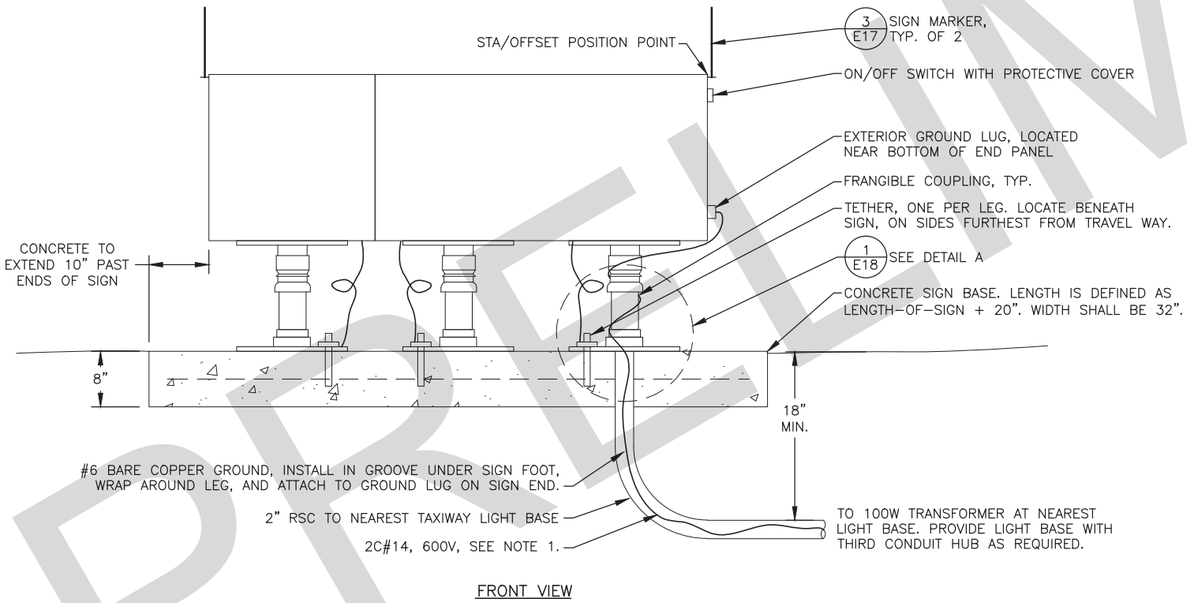
1 / E17 — SIGN FACE & LEGEND DETAIL

SCALE: NTS

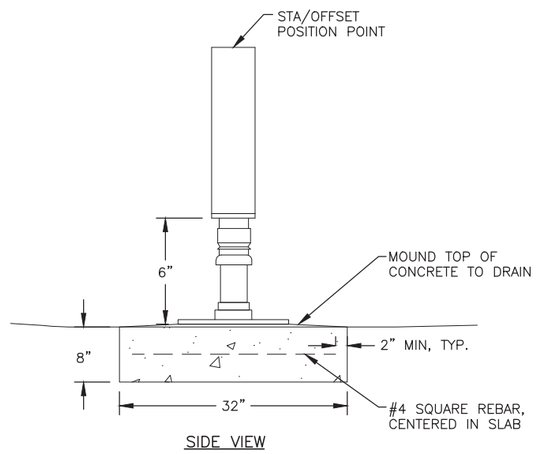
LIGHTED SIGN SCHEDULE

ID	SIDE	PANEL	LEGEND	TYPE	LEGEND COLOR	FACE COLOR	ALIGNMENT	STATION	OFFSET	SIZE	STYLE	CLASS	MODE	REMARKS
LS1	FRONT	F1	← L	L–858Y	BLACK	YELLOW	TL E	129+47.04	123.6 LT	3	2	2	3	SOUTH FACING
		F2	E	L–858L	YELLOW	BLACK								
	BACK	B1	E	L–858L	YELLOW	BLACK								NORTH FACING
		B2	G ↗	L–858Y	BLACK	YELLOW								
LS2	FRONT	F1	BLANK	L–858L	BLACK	BLACK	TL E1	204+72.49	97.3 RT	3	2	2	3	NORTHEAST FACING
		F2	BLANK	L–858L	BLACK	BLACK								
		F3	G	L–858L	YELLOW	BLACK								
	BACK	B1	G	L–858L	YELLOW	BLACK								SOUTHWEST FACING
		B2	← E →	L–858Y	BLACK	YELLOW								
		B2												
LS3	FRONT	F1	G ↑	L–858Y	BLACK	YELLOW	TL E1	202+81.56	97.3 RT	3	2	2	3	NORTHEAST FACING
		F2	G	L–858L	YELLOW	BLACK								
		F3	K ↗	L–858Y	BLACK	YELLOW								
	BACK	B1	G	L–858L	YELLOW	BLACK								SOUTHWEST FACING
		B2	BLANK	L–858L	BLACK	BLACK								
		B3	BLANK	L–858L	BLACK	BLACK								

*TAXIWAY SIGN STATIONING AND OFFSET IS BASED OFF THE LEADING EDGE OF SIGN, MEASURED AT THE MIDPOINT OF EDGE PERPENDICULAR TO TAXIWAY CENTERLINE. SEE DETAIL 2, THIS SHEET.



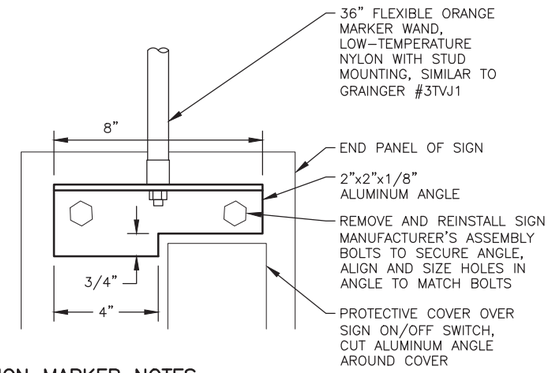
FRONT VIEW



SIDE VIEW

2 / E17 — LIGHTED SIGN DETAIL

SCALE: NTS



SIGN MARKER NOTES:

1. PROVIDE TWO SIGN MARKERS PER SIGN. SIGN MARKERS ARE SUBSIDIARY TO THE ASSOCIATED SIGN AND NO SEPARATE PAYMENT SHALL BE MADE.

3 / E17 — SIGN MARKER DETAIL

SCALE: NTS

LIGHTED SIGN NOTES:

1. AT ADJACENT LIGHT BASE OR HANDHOLE, EXTEND SIGN CONDUCTORS TO 50" ABOVE PAVEMENT.

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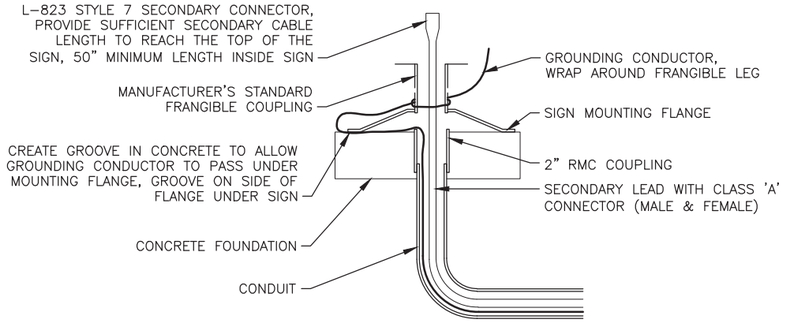
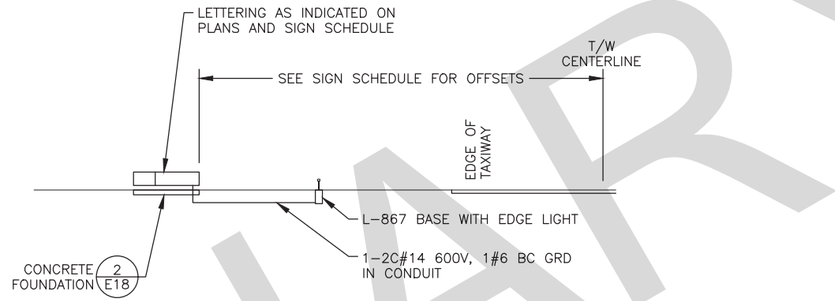


DETAIL 'A'

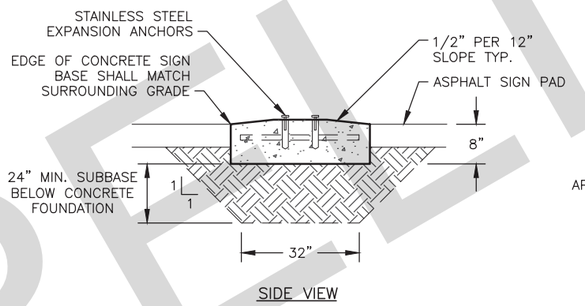


ELEVATION VIEW

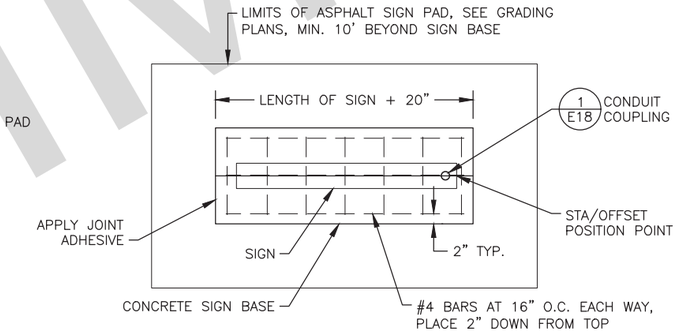
1
E18

AIRPORT SIGN DETAILS

SCALE: NTS



SIDE VIEW



PLAN VIEW

SIGN FOUNDATION NOTES:

1. ATTACH SIGNS TO CONCRETE BASE USING STAINLESS STEEL EXPANSION ANCHORS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS INSTALL ANCHORS AFTER CONCRETE HAS REACHED FULL DESIGN STRENGTH.
2. CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION P–61D. ALL CONCRETE SHALL BE SEALED IN ACCORDANCE WITH REQUIREMENTS OF SECTION P–610.
3. SET SIGN BASE ELEVATION AT SHOULDER PAVEMENT ELEVATION AT END CLOSEST TO TAXIWAY EDGE. SIGN BASE SHALL BE LEVEL ADJUST ASPHALT SIGN PAD PAVEMENT TO MEET EDGE OF OTHER SIDES OF FOUNDATION.

2
E18

CONCRETE SIGN FOUNDATION DETAILS

SCALE: NTS

Designed By: MH
Drawn By: MH
Checked By: SB

Date Revised:
Layout Name: E18
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\03 Electrical\00675-ANC-Lighting Details.dwg
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PLANS DEVELOPED BY:
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BY	DATE	REVISION

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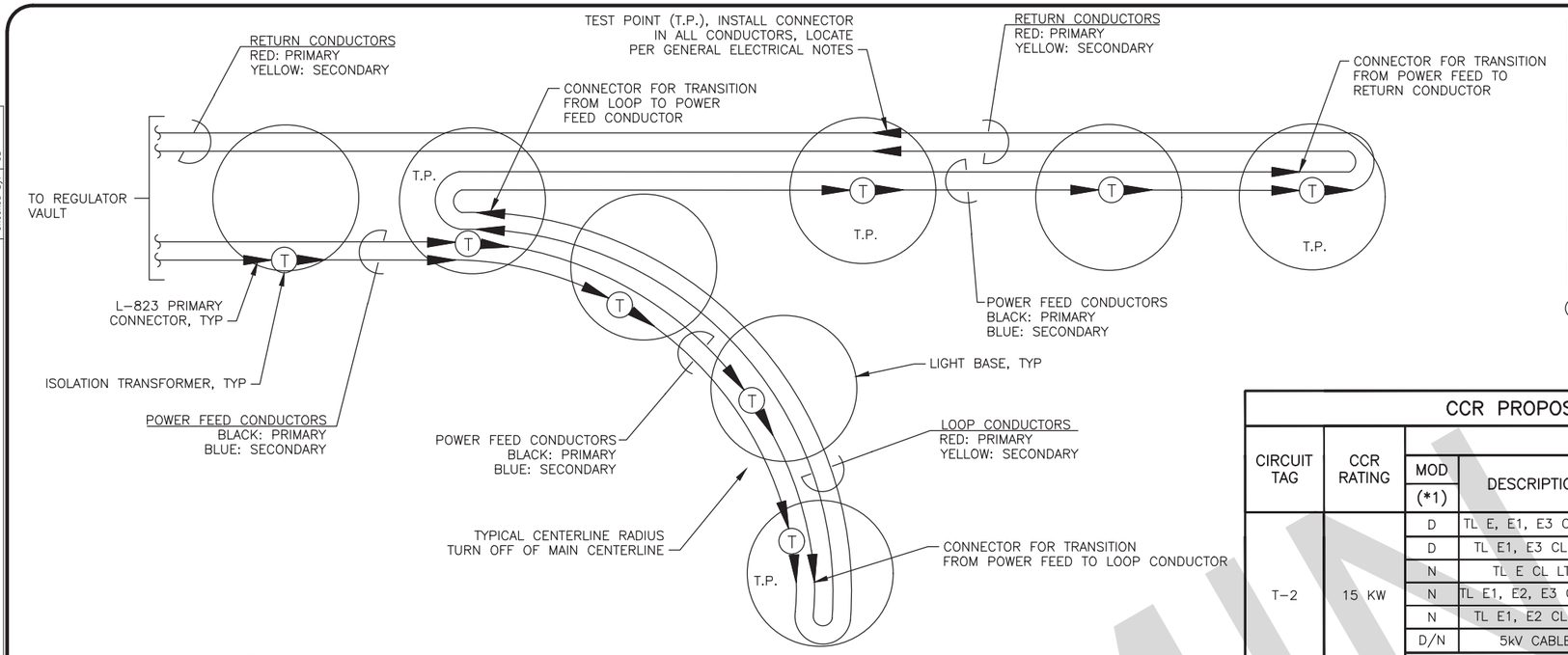
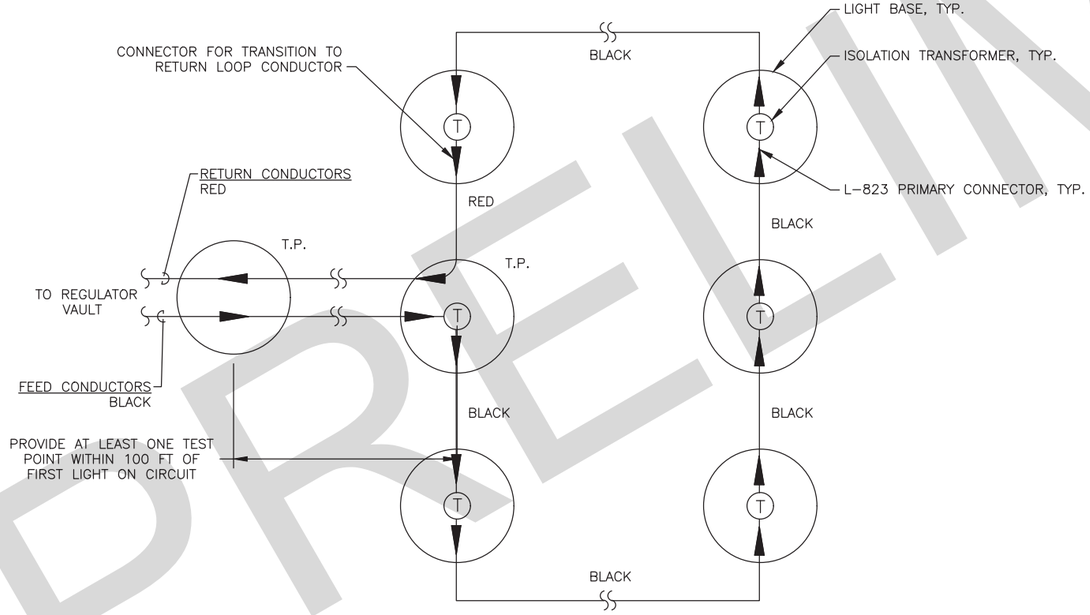
TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3–02–0016–XXX–2021
ELECTRICAL DETAILS

DATE: SEPTEMBER 2021
SHEET: E18 OF 74



1/E19 TYPICAL TAXIWAY CENTERLINE LIGHT (HIGH/LOW VIS) CONDUCTOR DIAGRAM

SCALE: NTS



2/E19 TYPICAL EDGE LIGHT CONDUCTOR DIAGRAM

SCALE: NTS

CCR RECORD LOAD SUMMARY

SWITCHGEAR	CCR TAG	CCR RATING	LIGHTING LOADS	OUTPUT KVA (*1)
7R/25L	T-03	30 KW	TWY E, G, G1, R – SOUTH OF LIMA – EDGE LTS	16.50
	T-18	30 KW	TWY K – E TO J – CL LTS	14.00
7L/25R	T-02	15 KW	TWY E, L, M – LOW VIS/CL LTS	6.54
	T-34	30 KW	TWY K, G, G1 – LOW VIS/CL LTS	29.00
15/33	T-20	30 KW	TWY E, E1, E2, E3, L, M – CL LTS	8.5

(*1) MEASURED CCR OUTPUT LOAD DATA RECORDED ON 6/15/21 WITH CCR AT HIGH STEP OUTPUT.

CCR PROPOSED LOAD SUMMARY – TAXIWAY LIGHTING CIRCUITS

CIRCUIT TAG	CCR RATING	MOD (*1)	DESCRIPTION	QTY	UNIT	ITEM	ITEM VA/PU	XFMR VA/PU	LOAD TOTALS EXISTING KVA	REVISED KVA	KVA CHANGE
T-2	15 KW	D	TL E, E1, E3 CL LTS	43	EA	L-852C(L), BI, 25W	17	22.4	0.96		-0.96
		D	TL E1, E3 CL LTS	16	EA	L-852D(L), BI, 45W	27	35.5	0.57		-0.57
		N	TL E CL LTS	8	EA	L-852C(L), BI, 25W	17	22.4		0.18	0.18
		N	TL E1, E2, E3 CL LTS	18	EA	L-852C, BI, 65W	60	78.9		1.42	1.42
		N	TL E1, E2 CL LTS	11	EA	L-852D, BI, 65W	60	78.9		0.87	0.87
		D/N	5kV CABLE	N/C	KLF	L-824,#6 CU	166	–	–	–	–
						CCR LOAD (SEE NOTE *2)--->			**6.54**	**7.48**	**0.94**
T-20	30 KW	D	TL E, E1, E3 CL LTS	41	EA	L-852C(L), BI, 25W	17	22.4	0.92		-0.92
		D	TL E1, E3 CL LTS	15	EA	L-852D(L), BI, 45W	27	35.5	0.53		-0.53
		D	TL E3 CLEARNC BAR	3	EA	L-852C(L), UNI, 15W	14	18.4	0.06		-0.06
		N	TL E CL LTS	7	EA	L-852C(L), BI, 25W	17	22.4		0.16	0.16
		N	TL E1, E2, E3 CL LTS	18	EA	L-852C, BI, 65W	60	78.9		1.42	1.42
		N	TL E1, E2 CL LTS	12	EA	L-852D, BI, 65W	60	78.9		0.95	0.95
		N	TL E3 CLEARNC BAR	3	EA	L-852C, UNI, 45W	30	39.5		0.12	0.12
		D/N	5kV CABLE	N/C	KLF	L-824,#6 CU	166	–	–	–	–
						CCR LOAD (SEE NOTE *2)--->			**8.50**	**9.64**	**1.14**
T-3	30 KW	D	TL E+G EDGE LTS	19	EA	L-861T	30	39.5	0.75		-0.75
		N	TL E EDGE LTS	7	EA	L-861T	30	39.5		0.28	0.28
		N	TL G EDGE LTS	10	EA	L-861T	30	39.5		0.40	0.40
		D/N	5kV CABLE	N/C	KLF	L-824,#6 CU	166	–	–	–	–
						CCR LOAD (SEE NOTE *2)--->			**16.50**	**16.42**	**-0.08**
T-18	30 KW	D	TL G CL LTS	5	EA	L-852C(L), BI, 25W	17	22.4	0.11		-0.11
		D	TL G CL LTS	7	EA	L-852D(L), BI, 45W	27	35.5	0.25		-0.25
		N	TL G CL LTS	5	EA	L-852C, BI, 65W	60	78.9		0.39	0.39
		N	TL G CL LTS	7	EA	L-852D, BI, 65W	60	78.9		0.55	0.55
		D/N	5KV CABLE	N/C	KLF	L-824,#6 CU	166	–	–	–	–
						CCR LOAD (SEE NOTE *2)--->			**14.00**	**14.59**	**0.59**
T-34	30 KW	D	TL G CL LTS	5	EA	L-852C(L), BI, 25W	17	22.4	0.11		-0.11
		D	TL G CL LTS	7	EA	L-852D(L), BI, 45W	27	35.5	0.25		-0.25
		N	TL G CL LTS	5	EA	L-852C, BI, 65W	60	78.9		0.39	0.39
		N	TL G CL LTS	6	EA	L-852D, BI, 65W	60	78.9		0.47	0.47
		D/N	5KV CABLE	N/C	KLF	L-824,#6 CU	166	–	–	–	–
						CCR LOAD (SEE NOTE *2)--->			**29.00**	**29.51**	**0.51**

(*1) MODIFICATION OF LOAD DENOTED BY: D =DEMO LOAD; N = NEW; R = REPLACEMENT OR REHAB

(*2) SEE CCR RECORD LOAD SUMMARY ON THIS SHEET FOR BASIS OF EXISTING CCR LOADS. REVISED CCR LOAD REFLECTS TW CIRCUIT CHANGES TO BE MADE BY THIS PROJECT, AND DOES NOT INCLUDE OTHER PENDING PROJECT CHANGES UNLESS NOTED OTHERWISE.

Designed By: MH
Drawn By: MH
Checked By: SB

Date Revised:
Layout Name: 9/3/2021 9:27 AM E19
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\03 Electrical\00675-ANC-Lighting Details.dwg

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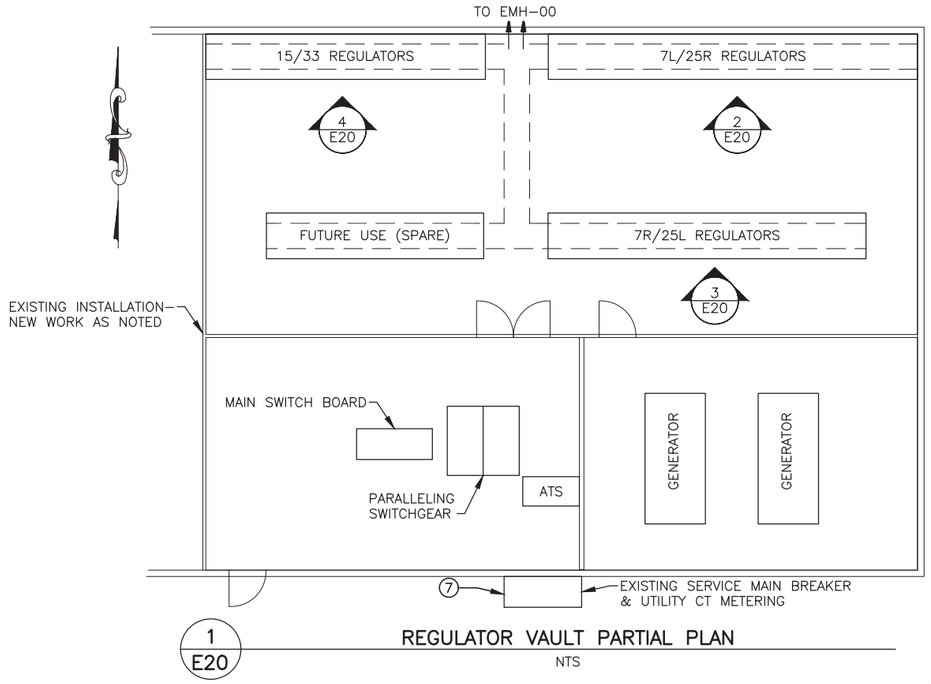
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
ELECTRICAL DETAILS

DATE: SEPTEMBER 2021

SHEET: E19 OF 74



1 / E20 REGULATOR VAULT PARTIAL PLAN

NTS

GENERAL NOTES:

1. SEE SHEET E19 CCR LOAD SUMMARY FOR TAXIWAY/TAXILANE LIGHTING CIRCUIT LOADS.

SHEET NOTES:

(1) CIRCUIT T2 REGULATOR: TWY E, L, M; LOW-VIS, CENTERLINE LIGHTS.
- REPLACE 5-STEP CONTROL WITH 3-STEP CONTROL FOR PROPOSED LIGHTING LOAD CHANGE TO INCANDESCENT ONLY.
- SEE CCR LOAD SUMMARY FOR PROPOSED LOAD CHANGE.

(2) CIRCUIT T3 REGULATOR: TWY E, G, G1, R SOUTH OF LIMA; EDGE LIGHTS.
- NO CHANGE TO EXISTING 3-STEP CONTROL WITH PROPOSED INCANDESCENT LOADS ONLY.
- SEE CCR LOAD SUMMARY FOR PROPOSED LOAD CHANGE.

(3) CIRCUIT T18 REGULATOR: TWY K (E TO J), G; CENTERLINE LIGHTS.
- NO CHANGE TO EXISTING 5-STEP CONTROL WITH PROPOSED INCANDESCENT & LED LOADS.
- SEE CCR LOAD SUMMARY FOR PROPOSED LOAD CHANGE.

(4) CIRCUIT T20 REGULATOR: TWY E, E1, E2, E3, L, M; CENTERLINE LIGHTS.
- REPLACE 5-STEP CONTROL WITH 3-STEP CONTROL FOR PROPOSED LIGHTING LOAD CHANGE TO INCANDESCENT ONLY.
- SEE CCR LOAD SUMMARY FOR PROPOSED LOAD CHANGE.

(5) CIRCUIT T34 REGULATOR: TWY K, G, G1; LOW-VIS CENTERLINE LIGHTS.
- NO CHANGE TO EXISTING 5-STEP CONTROL WITH PROPOSED INCANDESCENT & LED LOADS.
- SEE CCR LOAD SUMMARY FOR PROPOSED LOAD CHANGE.
- PLANNED CIRCUIT LOAD SPLIT IN FUTURE PROJECT.

(6) PROVIDE REPLACEMENT DOOR-MOUNTED STEP CONTROL KIT FROM THE LIGHTING REGULATOR MANUFACTURER, TO BE FULLY VOLTAGE AND LOGIC COMPATIBLE WITH EXISTING SYSTEM. PROVIDE ALL HARDWARE COMPONENTS AND WIRING INTERCONNECTS AS REQUIRED WITHIN THE SWITCHGEAR FOR THE SPECIFIED STEP CONTROL UPGRADE. OWNER WILL SCHEDULE THE NECESSARY ALCMS PROGRAMMING BY THE MANUFACTURER'S FIELD REPRESENTATIVE UNDER SEPARATE CONTRACT.

(7) MAXIMUM DEMAND REGISTERED ON THE 3000A 480/277V SERVICE, CEA METER #L131-910-910 FOR THE 12-MONTH PERIOD FROM JAN 2020 THRU DEC 2020 REPORTED AS FOLLOWS:
- MAXIMUM 15-MINUTE DEMAND: 487.3 KW IN JUNE, 2020
- ESTIMATED AT 541.5 KVA @ 0.9PF, 652 AMPS AT 480VAC, 3-PHASE

7L/25R	S-1 OUTPUT SECTION (5kV)	SPARE 50kW	SPARE 50kW	SPARE 50kW	R1 50kW	R3 15kW	R8 10kW	T5 15kW	T26 30kW	T32 30kW	FUTURE	INPUT SECTION 480 V 3ø
						SPARE 30kW	(1) (6) T2 15kW	T4 30kW 100/2	T7 30kW 100/2	(5) T34 30kW	T12 30kW	

2 / E20 REGULATOR SWITCHGEAR ELEVATION DIAGRAM

NTS

7R/25L	S-1 OUTPUT SECTION (5kV)	R4 50kW 150/2	R5 70kW 225/2	SPARE #1 70kW 225/2	R6 70kW 225/2	FUTURE	(3) T18 30kW	SPARE 10kW	T-33 10kW	(2) T16 30kW 100/2	INPUT SECTION 480 V 3ø
							T19 30kW 100/2	T9 20kW 70/2	(2) T3 30kW 100/2	T31 10kW	

3 / E20 REGULATOR SWITCHGEAR ELEVATION DIAGRAM

NTS

15/33	INPUT SECTION 480V 3ø	R7 70kW	R2 50kW	SPARE 70kW	T8 10kW	T30 30kW	T17 30kW 100/2	(4) (6) T20 30kW 100/2	SPARE 30kW	T22 30kW	SPARE	T28 30kW	S-1 OUTPUT SECTION (5kV)
					T13 30kW	T14 30kW	SPARE 30kW	T21 30kW	T23 30kW	SPARE 30kW	T27 15kW	T29 15kW	

4 / E20 REGULATOR SWITCHGEAR ELEVATION DIAGRAM

NTS

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Checked By: SB

Date Revised:
Layout Name: E20
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\03 Electrical\00675-ANC-Regulator Vault Plan Details.dwg 9/3/2021 10:24 AM

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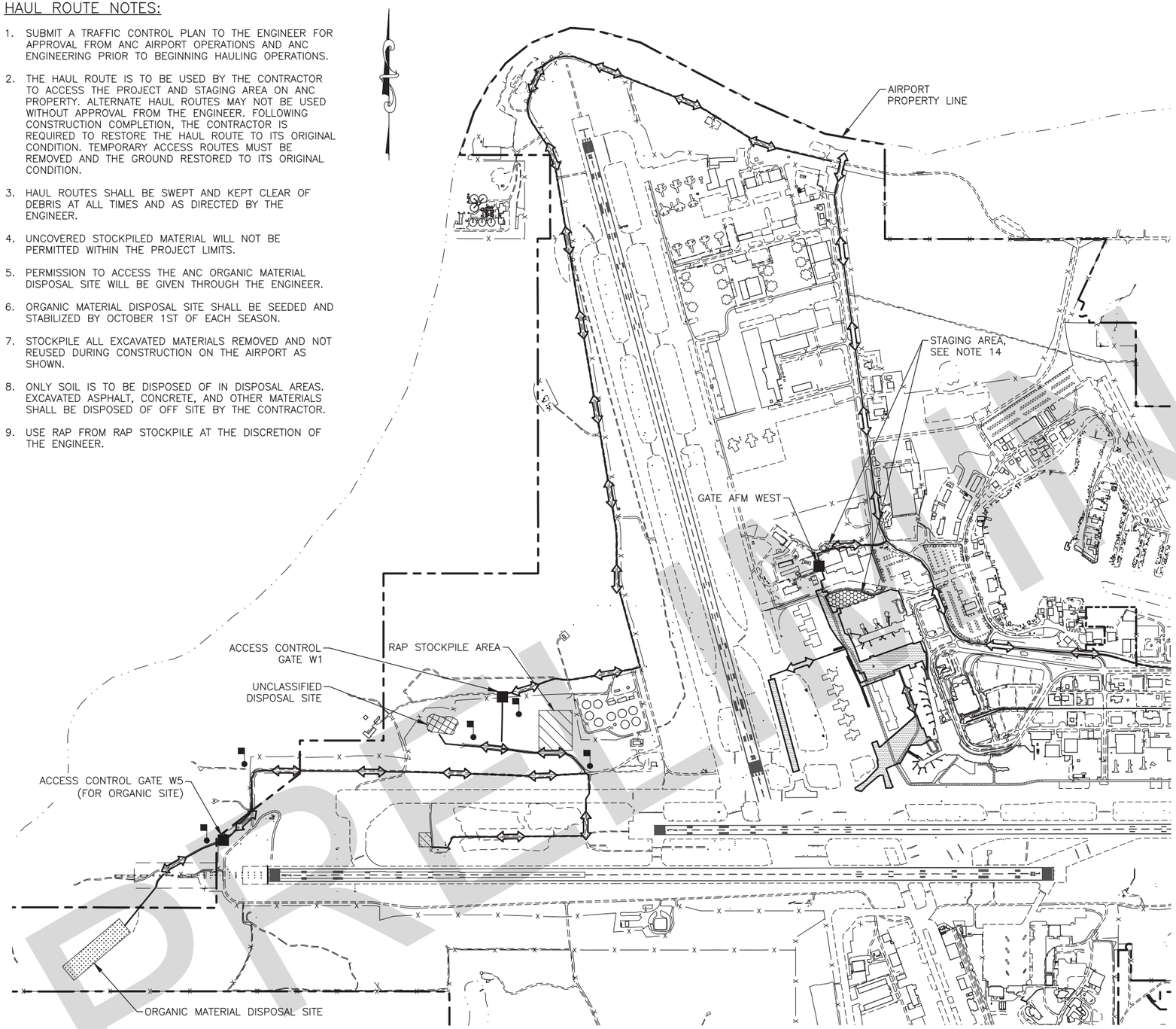
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
REGULATOR VAULT PLAN DETAIL

DATE: SEPTEMBER 2021

HAUL ROUTE NOTES:

1. SUBMIT A TRAFFIC CONTROL PLAN TO THE ENGINEER FOR APPROVAL FROM ANC AIRPORT OPERATIONS AND ANC ENGINEERING PRIOR TO BEGINNING HAULING OPERATIONS.
2. THE HAUL ROUTE IS TO BE USED BY THE CONTRACTOR TO ACCESS THE PROJECT AND STAGING AREA ON ANC PROPERTY. ALTERNATE HAUL ROUTES MAY NOT BE USED WITHOUT APPROVAL FROM THE ENGINEER. FOLLOWING CONSTRUCTION COMPLETION, THE CONTRACTOR IS REQUIRED TO RESTORE THE HAUL ROUTE TO ITS ORIGINAL CONDITION. TEMPORARY ACCESS ROUTES MUST BE REMOVED AND THE GROUND RESTORED TO ITS ORIGINAL CONDITION.
3. HAUL ROUTES SHALL BE SWEPT AND KEPT CLEAR OF DEBRIS AT ALL TIMES AND AS DIRECTED BY THE ENGINEER.
4. UNCOVERED STOCKPILED MATERIAL WILL NOT BE PERMITTED WITHIN THE PROJECT LIMITS.
5. PERMISSION TO ACCESS THE ANC ORGANIC MATERIAL DISPOSAL SITE WILL BE GIVEN THROUGH THE ENGINEER.
6. ORGANIC MATERIAL DISPOSAL SITE SHALL BE SEEDED AND STABILIZED BY OCTOBER 1ST OF EACH SEASON.
7. STOCKPILE ALL EXCAVATED MATERIALS REMOVED AND NOT REUSED DURING CONSTRUCTION ON THE AIRPORT AS SHOWN.
8. ONLY SOIL IS TO BE DISPOSED OF IN DISPOSAL AREAS. EXCAVATED ASPHALT, CONCRETE, AND OTHER MATERIALS SHALL BE DISPOSED OF OFF SITE BY THE CONTRACTOR.
9. USE RAP FROM RAP STOCKPILE AT THE DISCRETION OF THE ENGINEER.



1 / AC1

CSPP HAUL ROUTE

SCALE: GRAPHIC

GENERAL SAFETY REQUIREMENTS

1. SEE APPENDIX C OF THE SPECIFICATIONS FOR THE CONSTRUCTION SAFETY AND PHASING PLAN (CSPP) REQUIREMENTS. THE CONTRACTOR SHALL COMPLY WITH THE SAFETY REQUIREMENTS AS REQUIRED IN THE CSPP. ALL SAFETY RELATED WORK SHALL BE SUBSIDIARY TO THE CONTRACT AND NO ADDITIONAL PAYMENT WILL BE MADE.
2. THE CONTRACTOR SHALL SUBMIT A SAFETY PLAN COMPLIANCE DOCUMENT PER FAA AC 150/5370-2G TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO ISSUANCE OF A NOTICE TO PROCEED. IF THE CONSTRUCTION PHASING PLAN DIFFERS FROM WHAT IS SHOWN OR IF SUBSEQUENT CHANGES ARE MADE, SUBMIT A REVISION TO THE ENGINEER FOR REVIEW AND APPROVAL.
3. CONSTRUCTION SHALL BE PLANNED TO MINIMIZE DISTURBANCE TO AIRCRAFT OPERATIONS. COORDINATE RUNWAY AND TAXIWAY CLOSURES (PARTIAL OR FULL) WITH AIRPORT OPERATIONS AND THE ENGINEER.
4. ALL CONSTRUCTION VEHICLES AND EQUIPMENT SHALL OPERATE A FLASHING AMBER BEACON WHEN WORKING ON THE AIRPORT.
5. KEEP ACTIVE RUNWAY AND TAXIWAY SAFETY AREAS CLEAR OF CONSTRUCTION MATERIALS. REMOVE ANY DEBRIS FROM THESE AREAS WITHIN 15 MINUTES OF VERBAL NOTICE FROM THE ENGINEER OR ENGINEER'S REPRESENTATIVE.
6. CLEAR SAFETY AREAS AND OBJECT FREE AREAS AT ANYTIME AS DIRECTED BY THE ENGINEER.
7. CONSTRUCTION ACTIVITIES THAT REQUIRE WORK IN AN ACTIVE TOFA ARE SUBJECT TO THE FOLLOWING RESTRICTIONS:
   - A. NOTAMS HAVE BEEN ISSUED ADVISING TAXIING PILOTS OF HAZARD AND RECOMMENDING REDUCED TAXIING SPEEDS ON THE TAXIWAY OF 10 MPH OR LESS.
   - B. INSTALL MARKINGS PER THIS CSPP AND THE PROVISIONS OF SECTIONS 2.18 AND 2.20 OF AC 150/5370-2G PRIOR TO THE COMMENCEMENT OF WORK IN THE AREA.
   - C. MAINTAIN FIVE FOOT CLEARANCE BETWEEN EQUIPMENT AND MATERIALS AND ANY PART OF AN AIRCRAFT. IF SUCH CLEARANCE CAN NOT BE MAINTAINED WHEN THE AIRCRAFT HAS FULL USE OF THE ENTIRE TAXIWAY WIDTH, THEN IT WILL BE NECESSARY TO MOVE PERSONNEL AND EQUIPMENT FOR THE PASSAGE OF THAT AIRCRAFT.
   - D. FLAGGERS FURNISHED BY THE CONTRACTOR MUST BE USED TO DIRECT AND CONTROL CONSTRUCTION EQUIPMENT AND PERSONNEL TO A PRE-ESTABLISHED SETBACK DISTANCE FOR SAFE PASSAGE OF AIRCRAFT.
   - E. AIRLINE PERSONNEL MUST BE USED TO DIRECT TAXIING AIRCRAFT WHEN WORK IS OCCURRING WITHIN THE ADJACENT TOFA.
   - F. REMOVE MATERIAL STOCKPILES AND EQUIPMENT FROM OBJECT FREE AREAS DURING NON-WORK HOURS.
8. DAMAGE TO FAA FACILITIES INCLUDING POWER DISRUPTION SHALL BE IMMEDIATELY REPAIRED IN A MANNER ACCEPTABLE TO THE FAA AT THE CONTRACTOR'S EXPENSE.
9. PROVIDE AIRPORT FLAGGERS WHERE CONSTRUCTION ACTIVITY IS CONDUCTED IN CLOSE PROXIMITY TO OPERATING AIRCRAFT AND WHERE THE ENGINEER OR AIRPORT OPERATIONS DETERMINES A FLAGGER IS NECESSARY.
10. THE CONTRACTOR MUST REPORT SAFETY ISSUES TO THE ENGINEER AND AIRPORT OPERATIONS UPON DISCOVERY. THE CONTRACTOR MUST TAKE IMMEDIATE ACTION TO RESOLVE SAFETY ISSUES AS DIRECTED.
11. IMMEDIATELY REMOVE ALL FOREIGN OBJECTS AND DEBRIS (FOD) FROM ACTIVE SURFACES UPON DISCOVERY OR NOTIFICATION. FAILURE TO REMOVE FOD MAY BE CONSIDERED A SAFETY VIOLATION AS DETERMINED BY THE ENGINEER. STATION ADEQUATE CLEANING EQUIPMENT AT THE JOB SITE FOR IMMEDIATE CLEANUP OF ANY MATERIAL SPILLS ON ALL ACTIVE RUNWAY, TAXIWAY, APRON SURFACES, AND TUG ROADS.
12. CONTRACTOR SHALL FOLLOW LOCKOUT-TAGOUT PROCEDURES AS DEFINED IN SPECIFICATION SECTION L-125. CONTRACTOR SHALL PROVIDE A MINIMUM OF 48 HOUR NOTICE TO THE ENGINEER PRIOR TO CONNECTING TO EXISTING LIGHTING EQUIPMENT.
13. OTHER CONTRACTORS OR UTILITY COMPANIES MAY BE WORKING IN THE SAME PROJECT AREA OR IN THE VICINITY DURING THE PROGRESS OF THIS CONTRACT'S WORK. CONTRACTOR SHALL COORDINATE THEIR WORK WITH ALL OTHER CONTRACTORS OR UTILITY COMPANIES WORKING AT OR NEAR THE AIRPORT.
14. STAGING AREAS ARE IN SNOW DISPOSAL SITES, SNOW PILES MAY BE PRESENT.
15. CONTRACTOR SHALL VACATE THE STAGING AREAS AND ORGANIC MATERIAL DISPOSAL SITE BY 10/15/2022.

LEGEND

- PROJECT LIMITS
- PROPOSED HAUL ROUTE
- ACCESS CONTROL GATE
- UNCLASSIFIED DISPOSAL SITE
- RAP STOCKPILE AREA
- ORGANIC MATERIAL DISPOSAL SITE
- ANC LANDSPREADING AREA
- STAGING AREA
- AIRPORT FLAGGER

Designed By: MH
Drawn By: MH
Checked By: SB

Date Revised:
Layout Name: AC1
File Path and Name: J:\Jobs\Data\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-CSPP Haul Route.dwg 9/2/2021 2:17 PM

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ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
CSPP HAUL ROUTE

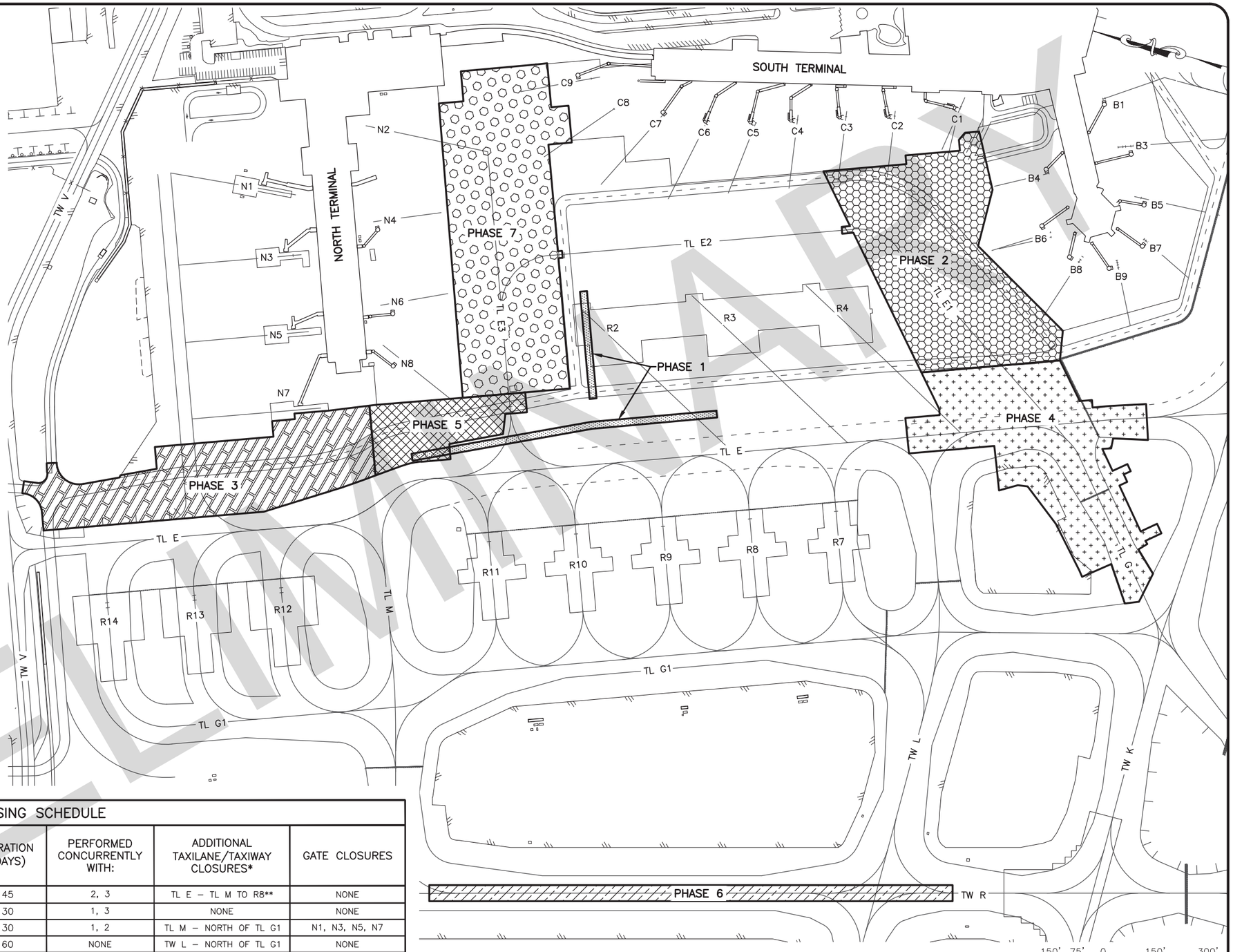
DATE: SEPTEMBER 2021
SHEET: AC1 OF AC10

LEGEND:

- PHASE 1 – TRENCHLESS STORM DRAIN REPAIR
- PHASE 2 – TAXILANE E1 (STA 209+06 TO STA 215+32)
- PHASE 3 – TAXILANE E (STA 147+83 TO STA 158+47)
- PHASE 4 – TAXILANE E1 & G (STA 200+91 TO STA 215+32)
- PHASE 5– TAXILANE E (STA 143+63 TO STA 147+83)
- PHASE 6– TAXIWAY R (STA 334+69 TO STA 349+69)
- PHASE 7– TAXILANE E3 (STA 252+53 TO 261+86)

SHEET NOTES:

1. 14 DAYS PRIOR TO BEGINNING WORK, NOTIFY AIRPORT OPERATIONS THROUGH THE ENGINEER.
2. PHASE CHANGES SHALL NOT OCCUR ON WEEKENDS.
3. ONCE COMPLETED, EACH PHASE SHALL REMAIN OPEN FOR THE DURATION OF THE PROJECT.
4. WORKING IN CONCURRENT PHASES IS NOT ALLOWED UNLESS AUTHORIZED BY THE ENGINEER OR SPECIFIED IN THE CONSTRUCTION PHASING SCHEDULE BELOW.
5. PHASE SEQUENCE TO BE DETERMINED BY THE ENGINEER. CONTRACTOR WILL BE PROVIDED 2 DAYS NOTICE PRIOR TO BEGINNING A PHASE.
6. CONTRACTOR SHALL BAG EXISTING AIRPORT SIGNS IN EACH PHASE AND AS DIRECTED BY THE ENGINEER TO MAINTAIN SAFE AIRCRAFT MOVEMENT AREAS.



1 AC2

CSPP OVERVIEW

SCALE: GRAPHIC

CONSTRUCTION PHASING SCHEDULE

PHASE	LOCATION	START DATE	COMPLETION DATE	DURATION (DAYS)	PERFORMED CONCURRENTLY WITH:	ADDITIONAL TAXILANE/TAXIWAY CLOSURES*	GATE CLOSURES
1	TRENCHLESS STORM DRAIN REPAIR	4/1/2022	5/16/2022	45	2, 3	TL E – TL M TO R8**	NONE
2	TL E1	4/26/2022	5/26/2022	30	1, 3	NONE	NONE
3	TL E (TW V TO N8)	4/26/2022	5/26/2022	30	1, 2	TL M – NORTH OF TL G1	N1, N3, N5, N7
4	TL E, E1 & G INTERSECTION	6/1/2022	7/31/2022	60	NONE	TW L – NORTH OF TL G1	NONE
5	TL E (WEST OF N8)	8/1/2022	8/19/2022	18	NONE	NONE	N8
6	TW R	8/20/2022	8/30/2022	10	NONE	TW L – RW 15–33 TO TL G1	NONE
7	TL E3	9/5/2022	9/30/2022	25	NONE	TL E3	N2, N4, N6, N8, C8, C9

* IN ADDITION TO ACTIVE WORK AREA

** TL E HAS A MAXIMUM CLOSURE OF 10 DAYS DURING PHASE 1

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TED STEVENS ANCHORAGE
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ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
CSPP OVERVIEW

DATE: SEPTEMBER 2021

SHEET: AC2 OF AC10

Designed By: MH
Drawn By: MH
Checked By: SB

Date Revised:
Layout Name: AC2
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-CSPP Overview.dwg
8/31/2021 10:29 AM

COMPLETE THE FOLLOWING PRIOR TO PHASE 1 CONSTRUCTION

- COORDINATE THROUGH THE ENGINEER TO ISSUE A NOTAM FOR CONSTRUCTION ACTIVITY OCCURRING IN THE PHASE 1 AREA
- COVER TAXIWAY & TAXILANE CENTERLINE, EDGE LIGHTS, AND SIGNS AS NECESSARY
- INSTALL HAZARD MARKER BARRIERS
- INSTALL BMP'S PER CONTRACTOR'S APPROVED SWPPP

COMPLETE THE FOLLOWING DURING PHASE 1 CONSTRUCTION

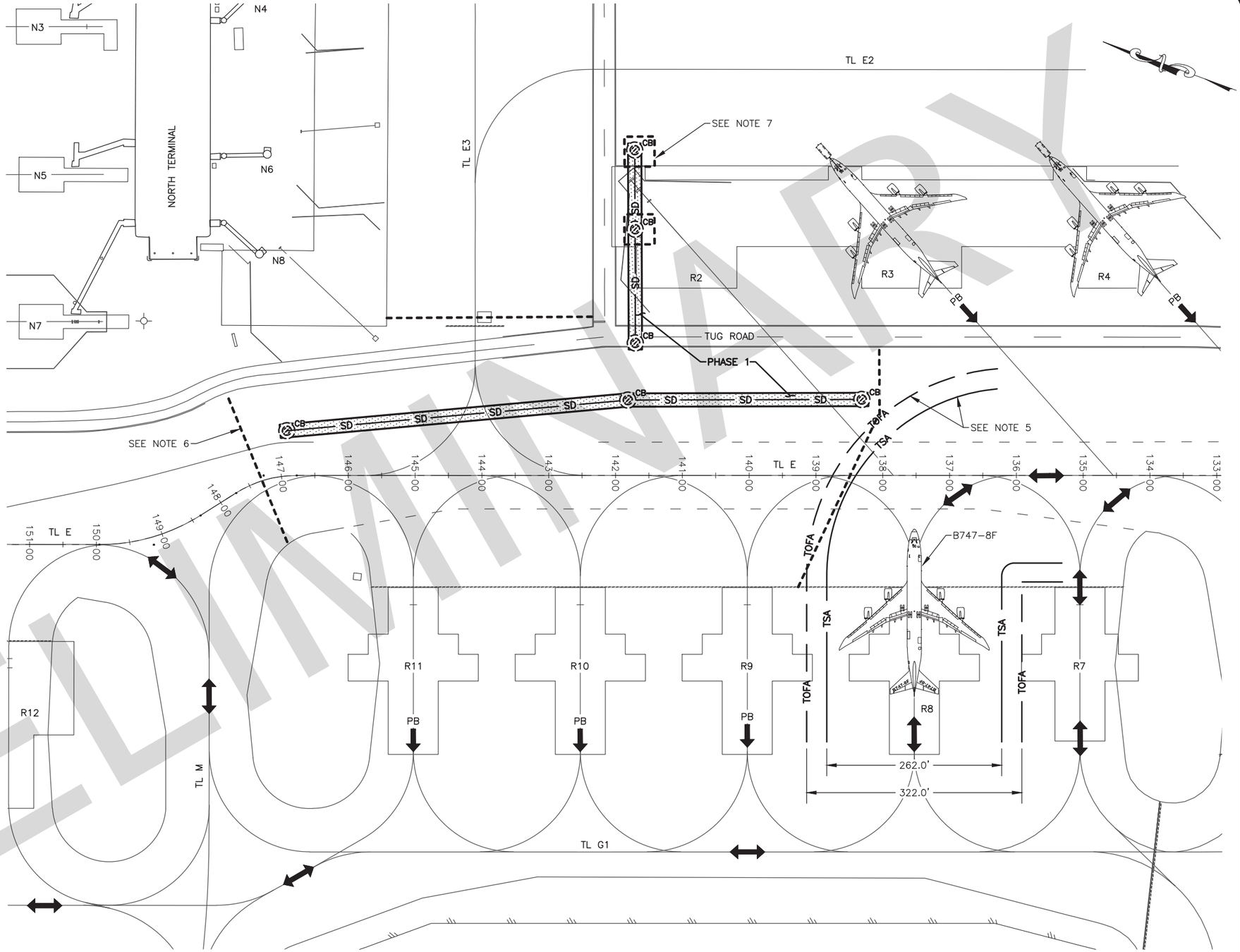
- REREHABILITATE STORM DRAIN

COMPLETE THE FOLLOWING AFTER PHASE 1 CONSTRUCTION

- REMOVE HAZARD MARKER BARRIERS
- REMOVE BMP'S

SHEET NOTES:

1. 14 DAYS PRIOR TO THE BEGINNING OF EACH PHASE, NOTIFY AIRPORT OPERATIONS THROUGH THE ENGINEER.
2. ONCE COMPLETED EACH PHASE SHALL REMAIN OPEN TO THE AUTHORIZED PERSONNEL AND TENANTS FOR THE DURATION OF THE PROJECT.
3. HAZARD MARKER BARRIERS SHOWN ADJACENT TO WORK AREA ARE OFFSET FOR CLARITY. PLACE HAZARD MARKER BARRIERS AS CLOSE TO THE WORK AREA AS POSSIBLE.
4. R3, R4, R9, R10, AND R11 SHALL BE PUSH BACK ONLY.
5. TSA AND TOFA SHOWN ARE SPECIFICALLY FOR B747-8F AIRCRAFT.
6. TL E SHALL HAVE A MAXIMUM CLOSURE DURATION OF 10 DAYS.
7. R2 SHALL HAVE A MAXIMUM CLOSURE DURATION OF 6 DAYS.



LEGEND:

- AIRCRAFT MOVEMENT DIRECTION
- PB AIRCRAFT MOVEMENT DIRECTION (PUSH BACK ONLY)
- HAZARD MARKER BARRIER
- PHASE WORK AREA

1 / AC3

CSPP PHASE 1

SCALE: GRAPHIC

Designed By: MH
Drawn By: MH
Checked By: SB

Date Revised: 8/31/2021 8:32 AM
Layout Name: AC3
File Path and Name: J:\JobsData\J0118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-CSPP Phase 1.dwg

PLANS DEVELOPED BY:
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BY	DATE	REVISION

STATE OF ALASKA
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TED STEVENS ANCHORAGE
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ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
CSPP PHASE 1

DATE: SEPTEMBER 2021

SHEET: AC3 OF AC10

COMPLETE THE FOLLOWING PRIOR TO PHASE 2 CONSTRUCTION

- COORDINATE THROUGH THE ENGINEER TO ISSUE A NOTAM FOR CONSTRUCTION ACTIVITY OCCURRING IN THE PHASE 2 AREA
- COVER TAXIWAY & TAXILANE CENTERLINE, EDGE LIGHTS, AND SIGNS AS NECESSARY
- INSTALL TEMPORARY TUG ROAD & TAXILANE CENTERLINE MARKINGS
- INSTALL HAZARD MARKER BARRIERS
- INSTALL BMP'S PER CONTRACTOR'S APPROVED SWPPP

COMPLETE THE FOLLOWING DURING PHASE 2 CONSTRUCTION

- REHABILITATE STORM DRAIN PIPING
- RECONSTRUCT LIGHTING SYSTEM
- REHABILITATE TAXILANE
- INSTALL TUG ROAD & TAXILANE MARKINGS

COMPLETE THE FOLLOWING AFTER PHASE 2 CONSTRUCTION

- REMOVE HAZARD MARKER BARRIERS
- REMOVE TEMPORARY TUG ROAD & TAXILANE CENTERLINE MARKINGS
- REMOVE BMP'S

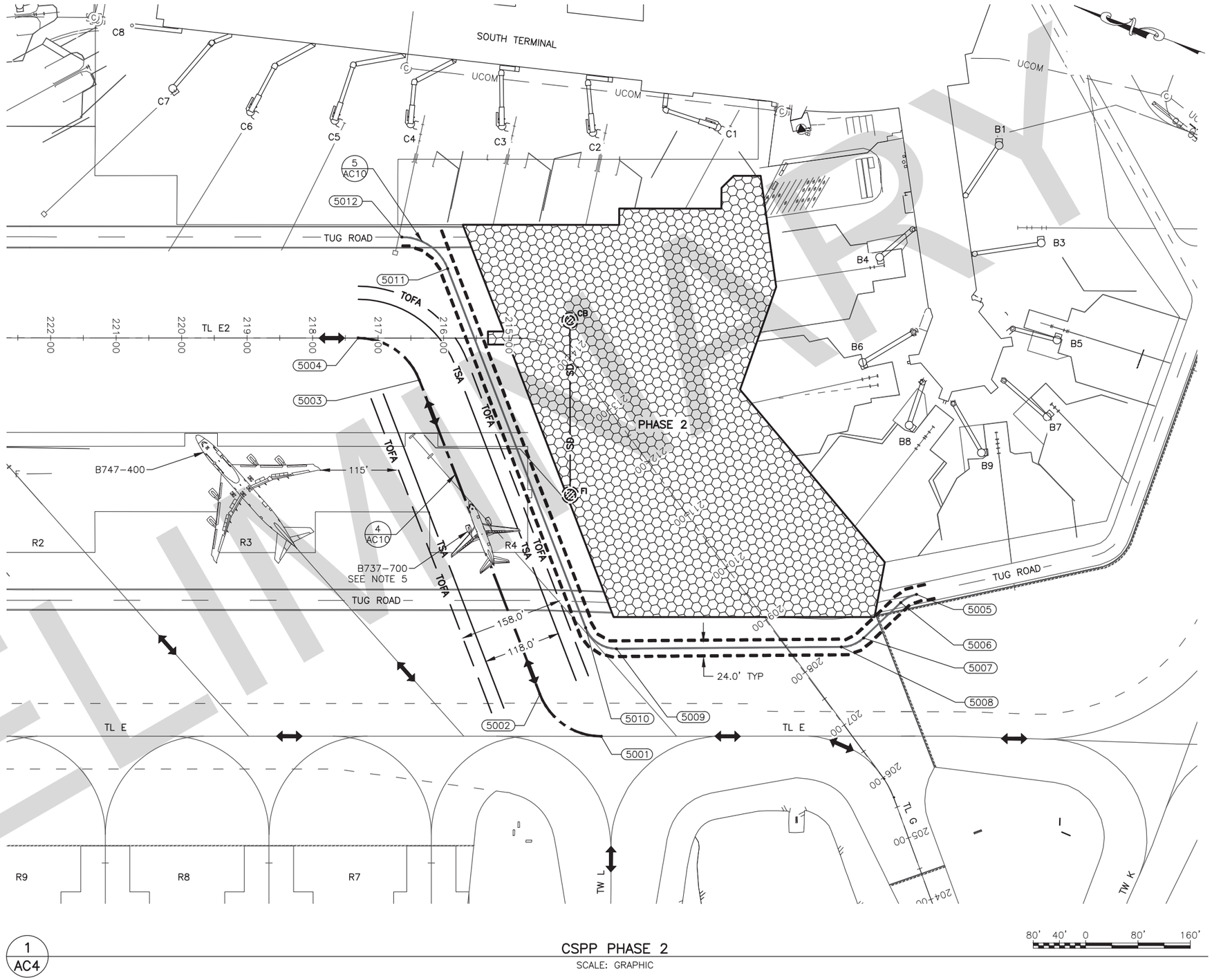
SHEET NOTES:

1. 14 DAYS PRIOR TO THE BEGINNING OF EACH PHASE, NOTIFY AIRPORT OPERATIONS THROUGH THE ENGINEER.
2. ONCE COMPLETED EACH PHASE SHALL REMAIN OPEN TO THE AUTHORIZED PERSONNEL AND TENANTS FOR THE DURATION OF THE PROJECT.
3. HAZARD MARKER BARRIERS SHOWN ADJACENT TO WORK AREA ARE OFFSET FOR CLARITY. PLACE HAZARD MARKER BARRIERS AS CLOSE TO THE WORK AREA AS POSSIBLE.
4. R4 WILL ACT AS A DETOUR ROUTE DURING PHASE 2 CONSTRUCTION.
5. TSA AND TOFA THROUGH THE AIRCRAFT DETOUR ARE SHOWN SPECIFICALLY FOR ADG III AIRCRAFT.

LEGEND:

- AIRCRAFT MOVEMENT DIRECTION
- HAZARD MARKER BARRIER
- PHASE WORK AREA
- TEMPORARY TAXILANE MARKINGS
- TEMPORARY TUG ROAD MARKINGS

TEMPORARY MARKING POINT TABLE			
POINT #	STATION	OFFSET (FT)	DESCRIPTION
5001	209+07.76	307.4 LT	PC
5002	210+15.06	344.1 LT	PT
5003	216+37.01	64.1 LT	PC
5004	217+30.34	CL	PT
5005	207+94.01	208.1 RT	PC
5006	207+98.19	181.4 RT	PT
5007	207+98.19	68.1 RT	PC
5008	207+88.88	103.6 RT	PT
5009	210+01.13	208.9 LT	PC
5010	210+54.96	227.5 LT	PT
5011	215+93.69	106.0 RT	PC
5012	216+63.71	154.0 RT	PT



1 AC4

CSPP PHASE 2

SCALE: GRAPHIC

Designed By:	MH
Drawn By:	MH
Checked By:	SB
Date Revised:	8/31/2021 11:50 AM
Layout Name:	AC4
File Path and Name:	J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-CSPP Phase 2.dwg

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BY	DATE	REVISION

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ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
CSPP PHASE 2

DATE: SEPTEMBER 2021

SHEET: AC4 OF AC10

COMPLETE THE FOLLOWING PRIOR TO PHASE 3 CONSTRUCTION

- COORDINATE THROUGH THE ENGINEER TO ISSUE A NOTAM FOR CONSTRUCTION ACTIVITY OCCURRING IN THE PHASE 3 AREA
- COVER TAXIWAY & TAXILANE CENTERLINE, EDGE LIGHTS, AND SIGNS AS NECESSARY
- INSTALL TEMPORARY TUG ROAD MARKINGS
- INSTALL HAZARD MARKER BARRIERS
- INSTALL BMP'S PER CONTRACTOR'S APPROVED SWPPP

COMPLETE THE FOLLOWING DURING PHASE 3 CONSTRUCTION

- REHABILITATE STORM DRAIN PIPING
- REHABILITATE TAXILANE
- INSTALL TUG ROAD & TAXILANE MARKINGS

COMPLETE THE FOLLOWING AFTER PHASE 3 CONSTRUCTION

- REMOVE HAZARD MARKER BARRIERS
- REMOVE TEMPORARY TUG ROAD CENTERLINE MARKINGS
- REMOVE BMP'S

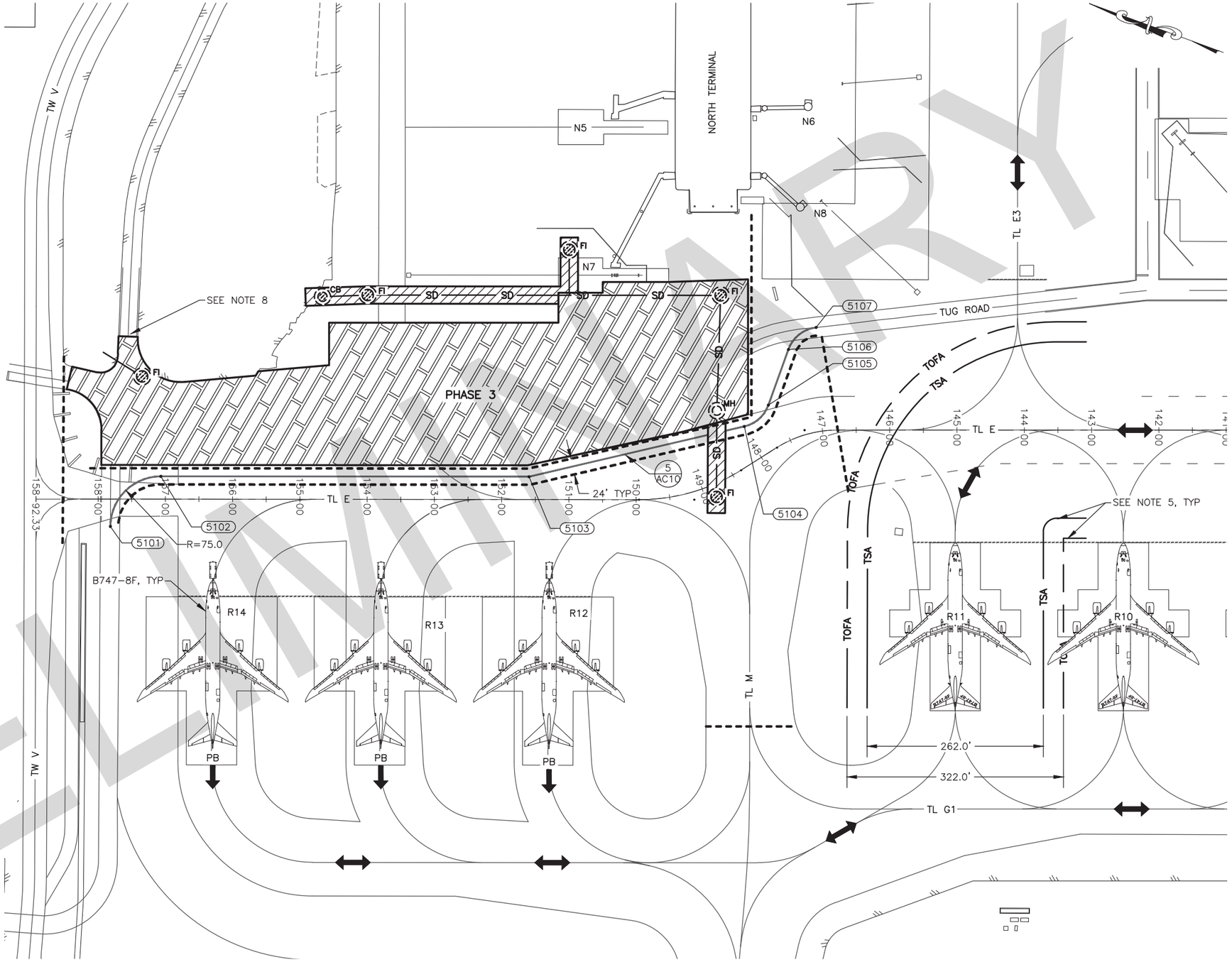
SHEET NOTES:

1. 14 DAYS PRIOR TO THE BEGINNING OF EACH PHASE, NOTIFY AIRPORT OPERATIONS THROUGH THE ENGINEER.
2. ONCE COMPLETED EACH PHASE SHALL REMAIN OPEN TO THE AUTHORIZED PERSONNEL AND TENANTS FOR THE DURATION OF THE PROJECT.
3. HAZARD MARKER BARRIERS SHOWN ADJACENT TO WORK AREA ARE OFFSET FOR CLARITY. PLACE HAZARD MARKER BARRIERS AS CLOSE TO THE WORK AREA AS POSSIBLE.
4. GATES N1, N3, N5, & N7 ARE CLOSED DURING PHASE 3A CONSTRUCTION.
5. TSA AND TOFA SHOWN THROUGH DETOUR ARE SPECIFICALLY FOR B747-8F AIRCRAFT.
6. R12-R14 SHALL BE PUSH BACK ONLY.
7. R11 WILL ACT AS A DETOUR ROUTE DURING PHASE 3 CONSTRUCTION.
8. CONTRACTOR SHALL MAINTAIN ACCESS THROUGH TW V TUG ROAD DURING PHASE 3 CONSTRUCTION.

LEGEND:

- AIRCRAFT MOVEMENT DIRECTION
- PB AIRCRAFT MOVEMENT DIRECTION (PUSH BACK ONLY)
- HAZARD MARKER BARRIER
- PHASE WORK AREA (TAXILANE REHAB)
- PHASE WORK AREA (TRENCHLESS STORM DRAIN REPAIR ONLY)
- TEMPORARY TUG ROAD MARKINGS

TEMPORARY MARKING POINT TABLE			
POINT #	STATION	OFFSET (FT)	DESCRIPTION
5101	157+81.72	40.5 LT	PC
5102	157+06.73	34.0 RT	PT
5103	151+59.37	34.0 RT	PI
5104	147+96.96	52.2 RT	PC
5105	147+55.98	61.3 RT	PT
5106	147+19.55	129.0 RT	PC
5107	146+94.33	154.2 RT	PT



1 AC5

CSPP PHASE 3

SCALE: GRAPHIC

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ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
CSPP PHASE 3

DATE: SEPTEMBER 2021

SHEET: AC5 OF AC10

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Date Revised:
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File Path and Name: J:\Jobs\Data\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-CSPP Phase 3.dwg
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COMPLETE THE FOLLOWING PRIOR TO PHASE 4 CONSTRUCTION

- COORDINATE THROUGH THE ENGINEER TO ISSUE A NOTAM FOR CONSTRUCTION ACTIVITY OCCURRING IN THE PHASE 4 AREA
- COVER TAXIWAY & TAXILANE CENTERLINE, EDGE LIGHTS, AND SIGNS AS NECESSARY
- INSTALL TEMPORARY TAXILANE CENTERLINE MARKINGS
- INSTALL HAZARD MARKER BARRIERS
- INSTALL BMP'S PER CONTRACTOR'S APPROVED SWPPP

COMPLETE THE FOLLOWING DURING PHASE 4 CONSTRUCTION

- REPLACE TAXILANE CENTERLINE AND EDGE LIGHTING
- REHABILITATE TAXILANE
- INSTALL TAXILANE MARKINGS

COMPLETE THE FOLLOWING AFTER PHASE 4 CONSTRUCTION

- REMOVE HAZARD MARKER BARRIERS
- REMOVE TEMPORARY TAXILANE CENTERLINE MARKINGS
- REMOVE BMP'S

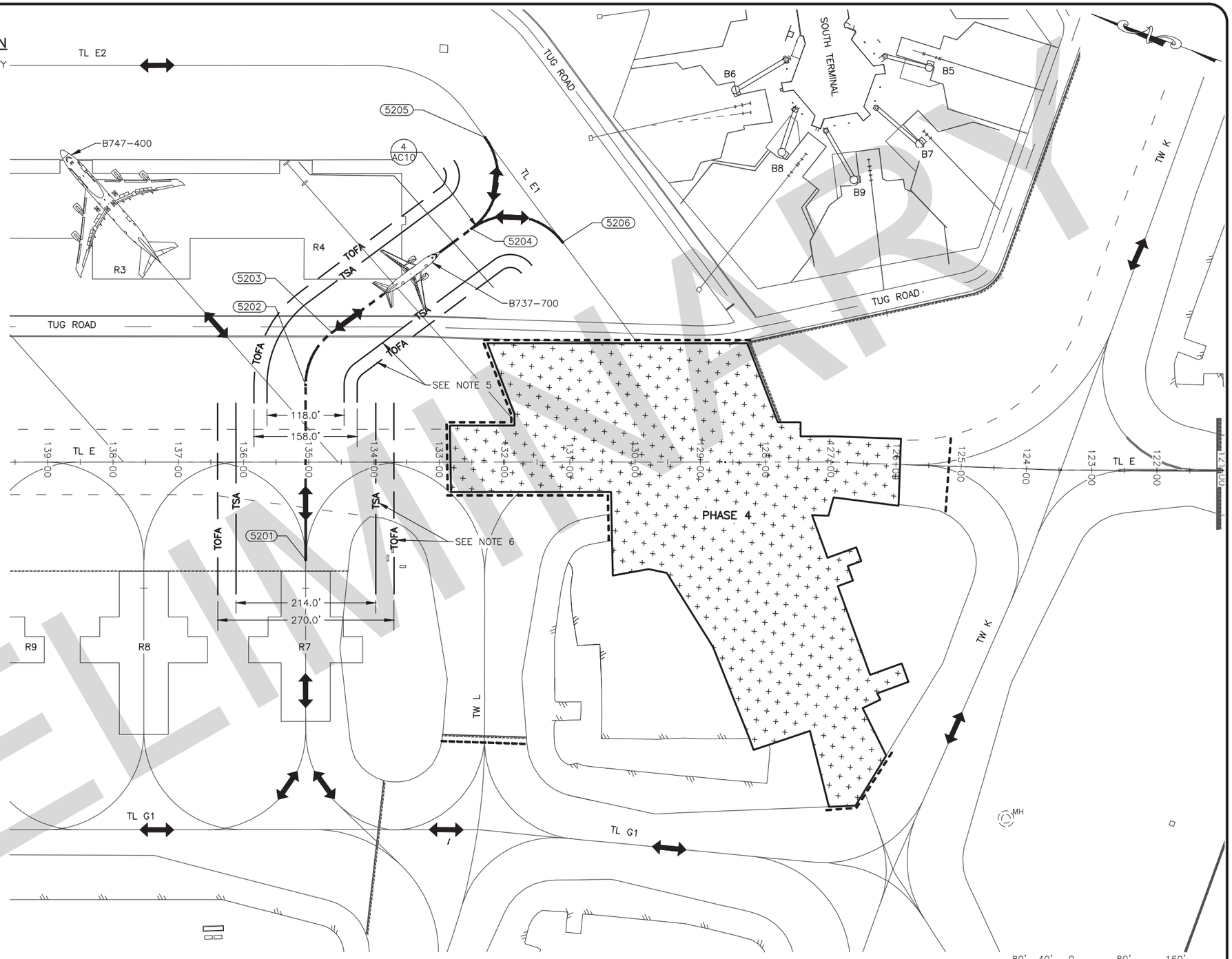
SHEET NOTES:

1. 14 DAYS PRIOR TO THE BEGINNING OF EACH PHASE, NOTIFY AIRPORT OPERATIONS THROUGH THE ENGINEER.
2. ONCE COMPLETED EACH PHASE SHALL REMAIN OPEN TO THE AUTHORIZED PERSONNEL AND TENANTS FOR THE DURATION OF THE PROJECT.
3. HAZARD MARKER BARRIERS SHOWN ADJACENT TO WORK AREA ARE OFFSET FOR CLARITY. PLACE HAZARD MARKER BARRIERS AS CLOSE TO THE WORK AREA AS POSSIBLE.
4. R4 AND R7 WILL ACT AS A DETOUR ROUTE DURING PHASE 4 CONSTRUCTION.
5. TSA AND TOFA THROUGH THE AIRCRAFT DETOUR ARE SHOWN FOR ADG III AIRCRAFT.
6. TSA AND TOFA SHOWN AT R7 ARE SHOWN FOR ADG V AIRCRAFT.

LEGEND:

- AIRCRAFT MOVEMENT DIRECTION
- HAZARD MARKER BARRIER
- PHASE WORK AREA
- TEMPORARY TAXILANE MARKINGS

TEMPORARY MARKING POINT TABLE			
POINT #	STATION	OFFSET (FT)	DESCRIPTION
5201	135+04.70	150.0 LT	PI
5202	135+04.86	118.3 RT	PC
5203	134+64.53	198.6 RT	PT
5204	132+50.68	357.6 RT	PC
5205	132+29.71	497.2 RT	PT
5206	131+11.04	337.0 RT	PT



1
AC6

CSPP PHASE 4

SCALE: GRAPHIC

PLANS DEVELOPED BY:
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ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
CSPP PHASE 4

DATE: SEPTEMBER 2021

SHEET: AC6 OF AC10

Designed By: MH
Drawn By: MH
Checked By: SB

Date Revised: 8/30/2021 4:10 PM
Layout Name: AC6
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\06 CADD 2019\01 Working Set\01 Civil\00675-ANC-CSPP Phase 4.dwg

COMPLETE THE FOLLOWING PRIOR TO PHASE 5 CONSTRUCTION

- COORDINATE THROUGH THE ENGINEER TO ISSUE A NOTAM FOR CONSTRUCTION ACTIVITY OCCURRING IN THE PHASE 5 AREA
- COVER TAXIWAY & TAXILANE CENTERLINE, EDGE LIGHTS, AND SIGNS AS NECESSARY
- INSTALL TEMPORARY TUG ROAD & TAXILANE CENTERLINE MARKINGS
- INSTALL HAZARD MARKER BARRIERS
- INSTALL BMP'S PER CONTRACTOR'S APPROVED SWPPP

COMPLETE THE FOLLOWING DURING PHASE 5 CONSTRUCTION

- REHABILITATE TAXILANE
- INSTALL TUG ROAD AND TAXILANE MARKINGS

COMPLETE THE FOLLOWING AFTER PHASE 5 CONSTRUCTION

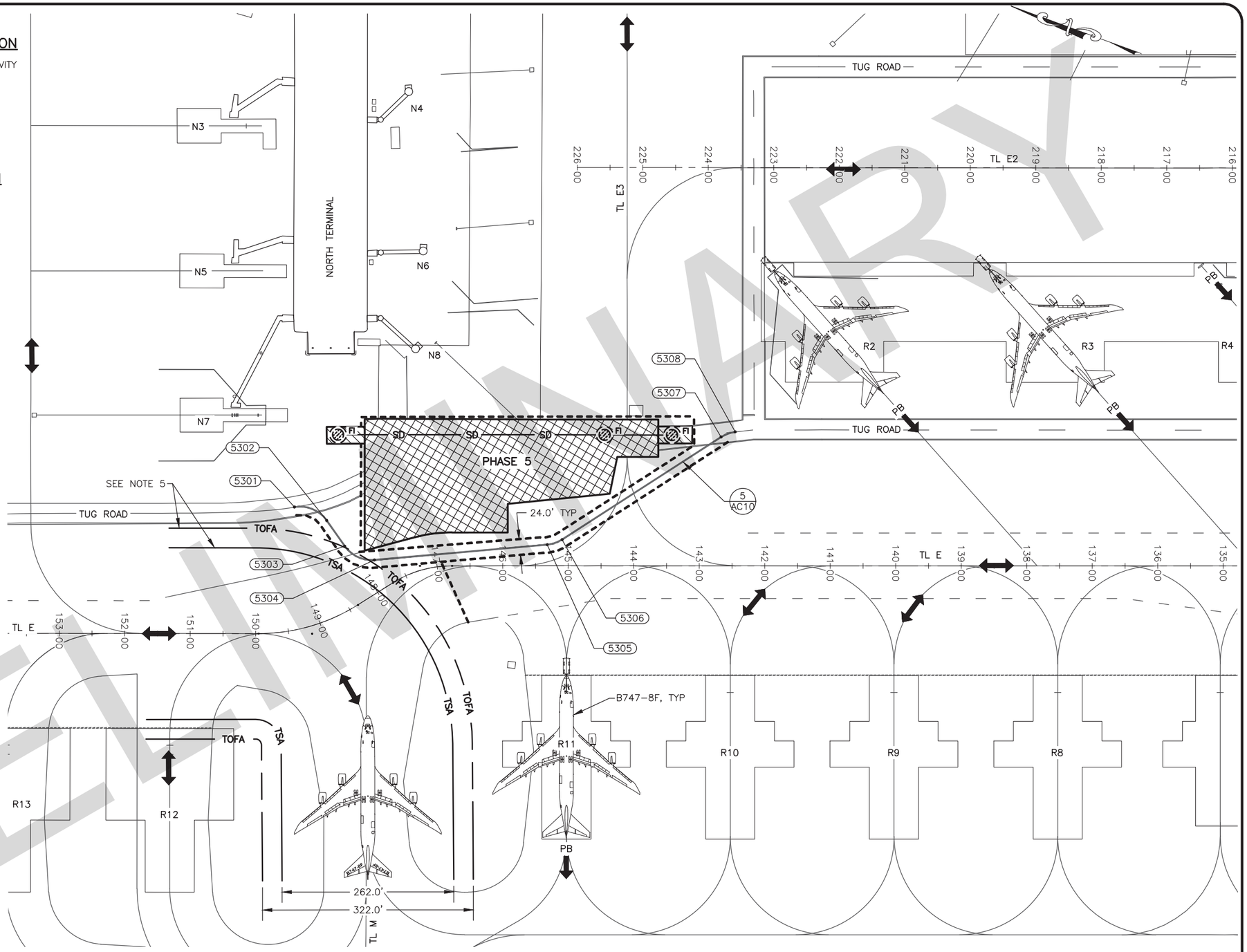
- REMOVE HAZARD MARKER BARRIERS
- REMOVE TEMPORARY TUG ROAD & TAXILANE CENTERLINE MARKINGS
- REMOVE BMP'S

SHEET NOTES:

1. 14 DAYS PRIOR TO THE BEGINNING OF EACH PHASE, NOTIFY AIRPORT OPERATIONS THROUGH THE ENGINEER.
2. ONCE COMPLETED EACH PHASE SHALL REMAIN OPEN TO THE AUTHORIZED PERSONNEL AND TENANTS FOR THE DURATION OF THE PROJECT.
3. HAZARD MARKER BARRIERS SHOWN ADJACENT TO WORK AREA ARE OFFSET FOR CLARITY. PLACE HAZARD MARKER BARRIERS AS CLOSE TO THE WORK AREA AS POSSIBLE.
4. R2–R4 & R11 SHALL BE PUSH BACK ONLY.
5. TSA AND TOFA SHOWN ARE SPECIFICALLY FOR B747–8F AIRCRAFT.
6. GATE N8 IS CLOSED DURING PHASE 5 CONSTRUCTION.

LEGEND:

- AIRCRAFT MOVEMENT DIRECTION
- PB AIRCRAFT MOVEMENT DIRECTION (PUSH BACK ONLY)
- HAZARD MARKER BARRIER
- PHASE WORK AREA
- PHASE WORK AREA (TRENCHLESS STORM DRAIN REPAIR ONLY)
- TEMPORARY TUG ROAD MARKINGS



1
AC7

CSPP PHASE 5

SCALE: GRAPHIC

80' 40' 0 80' 160'

TEMPORARY MARKING POINT TABLE

POINT #	STATION	OFFSET (FT)	DESCRIPTION
5301	148+41.12	177.9 RT	PC
5302	148+07.23	134.2 RT	PT
5303	148+04.87	86.6 RT	PC
5304	147+77.75	44.5 RT	PT
5305	145+32.04	32.4 RT	PC
5306	145+09.35	40.2 RT	PT
5307	142+66.55	196.8 RT	PC
5308	142+45.13	204.6 RT	PT

Designed By: MH
Drawn By: MH
Checked By: SB

Date Revised: 8/31/2021 9:09 AM
Layout Name: AC7
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-CSPP Phase 5.dwg

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BY	DATE	REVISION

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PROJECT No. CFAPT00675
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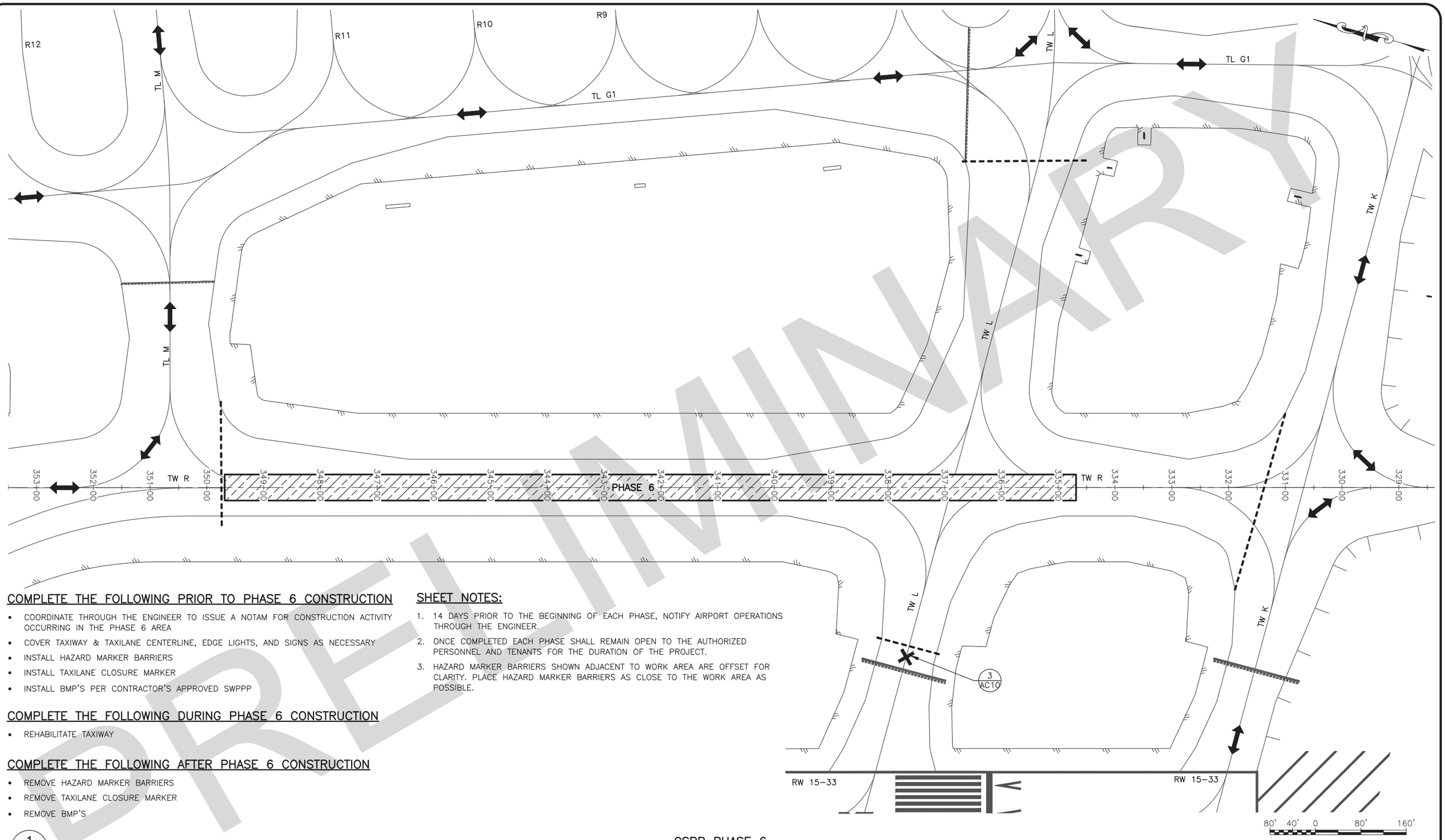
CSPP PHASE 5

DATE: SEPTEMBER 2021
SHEET: AC7 OF AC10



COMPLETE THE FOLLOWING PRIOR TO PHASE 6 CONSTRUCTION

- COORDINATE THROUGH THE ENGINEER TO ISSUE A NOTAM FOR CONSTRUCTION ACTIVITY OCCURRING IN THE PHASE 6 AREA
- COVER TAXIWAY & TAXILANE CENTERLINE, EDGE LIGHTS, AND SIGNS AS NECESSARY
- INSTALL HAZARD MARKER BARRIERS
- INSTALL TAXILANE CLOSURE MARKER
- INSTALL BMP'S PER CONTRACTOR'S APPROVED SWPPP

COMPLETE THE FOLLOWING DURING PHASE 6 CONSTRUCTION

- REHABILITATE TAXIWAY

COMPLETE THE FOLLOWING AFTER PHASE 6 CONSTRUCTION

- REMOVE HAZARD MARKER BARRIERS
- REMOVE TAXILANE CLOSURE MARKER
- REMOVE BMP'S

SHEET NOTES:

1. 14 DAYS PRIOR TO THE BEGINNING OF EACH PHASE, NOTIFY AIRPORT OPERATIONS THROUGH THE ENGINEER.
2. ONCE COMPLETED EACH PHASE SHALL REMAIN OPEN TO THE AUTHORIZED PERSONNEL AND TENANTS FOR THE DURATION OF THE PROJECT.
3. HAZARD MARKER BARRIERS SHOWN ADJACENT TO WORK AREA ARE OFFSET FOR CLARITY. PLACE HAZARD MARKER BARRIERS AS CLOSE TO THE WORK AREA AS POSSIBLE.

1
AC8

CSPP PHASE 6

SCALE: GRAPHIC

LEGEND:

- AIRCRAFT MOVEMENT DIRECTION
- HAZARD MARKER BARRIER
- PHASE WORK AREA
- TAXIWAY CLOSURE MARKER

Designed By:	MH	
Drawn By:	MH	
Checked By:	SB	
Date Revised:	8/25/2021 9:12 AM	
Layout Name:	AC8	
File Path and Name:	J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 Civil\00675-ANC-CSPP Phase 6.dwg	

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PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
CSPP PHASE 6

DATE: SEPTEMBER 2021

SHEET: AC8 OF AC10

COMPLETE THE FOLLOWING PRIOR TO PHASE 7 CONSTRUCTION

- COORDINATE THROUGH THE ENGINEER TO ISSUE A NOTAM FOR CONSTRUCTION ACTIVITY OCCURRING IN THE PHASE 7 AREA
- COVER TAXIWAY & TAXILANE CENTERLINE, EDGE LIGHTS, AND SIGNS AS NECESSARY
- INSTALL HAZARD MARKER BARRIERS
- INSTALL BMP'S PER CONTRACTOR'S APPROVED SWPPP

COMPLETE THE FOLLOWING DURING PHASE 7 CONSTRUCTION

- REHABILITATE STORM DRAIN PIPING
- REPLACE STORM DRAIN PIPING
- REPLACE TAXILANE CENTERLINE LIGHTING
- REHABILITATE TAXILANE
- INSTALL AIRCRAFT & TUG MARKINGS

COMPLETE THE FOLLOWING AFTER PHASE 7 CONSTRUCTION

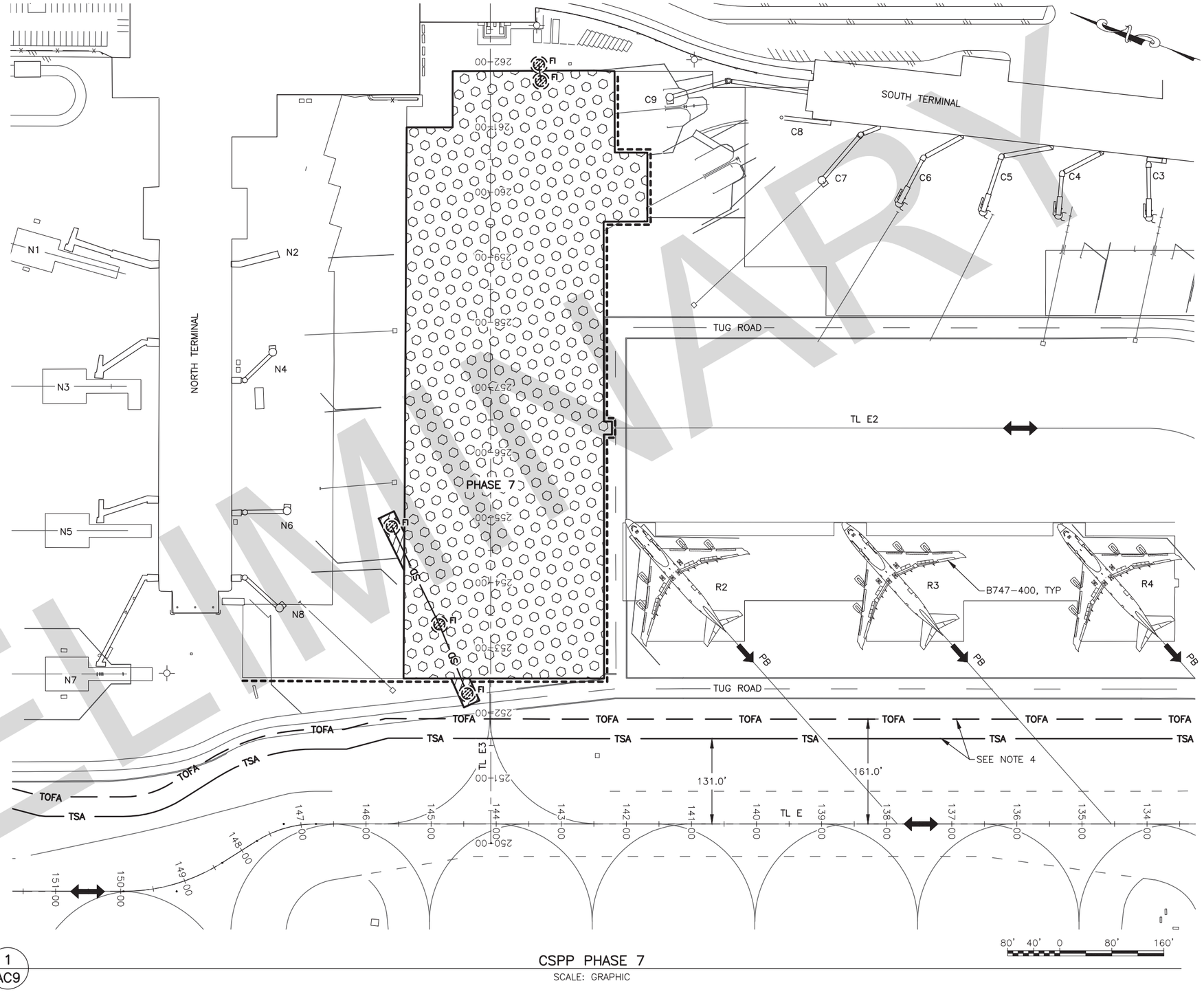
- REMOVE HAZARD MARKER BARRIERS
- REMOVE BMP'S

SHEET NOTES:

1. 14 DAYS PRIOR TO THE BEGINNING OF EACH PHASE, NOTIFY AIRPORT OPERATIONS THROUGH THE ENGINEER.
2. ONCE COMPLETED EACH PHASE SHALL REMAIN OPEN TO THE AUTHORIZED PERSONNEL AND TENANTS FOR THE DURATION OF THE PROJECT.
3. HAZARD MARKER BARRIERS SHOWN ADJACENT TO WORK AREA ARE OFFSET FOR CLARITY. PLACE HAZARD MARKER BARRIERS AS CLOSE TO THE WORK AREA AS POSSIBLE.
4. TSA AND TOFA SHOWN ALONG TL E ARE SPECIFICALLY FOR B747-8F AIRCRAFT.
5. N2, N4, N6, N8, C8, & C9 ARE CLOSED DURING PHASE 7 CONSTRUCTION.
6. R2-R4 ARE PUSH BACK ONLY.

LEGEND:

- AIRCRAFT MOVEMENT DIRECTION
- PB AIRCRAFT MOVEMENT DIRECTION (PUSH BACK ONLY)
- HAZARD MARKER BARRIER
- PHASE WORK AREA
- PHASE WORK AREA (TRENCHLESS STORM DRAIN REPAIR ONLY)



1
AC9

CSPP PHASE 7

SCALE: GRAPHIC

Designed By: MH
Drawn By: MH
Checked By: SB

Date Revised:
Layout Name: AC9
File Path and Name: J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\00 CADD 2019\01 Working Set\01 civil\00675-ANC-CSPP Phase 7.dwg
8/31/2021 9:08 AM

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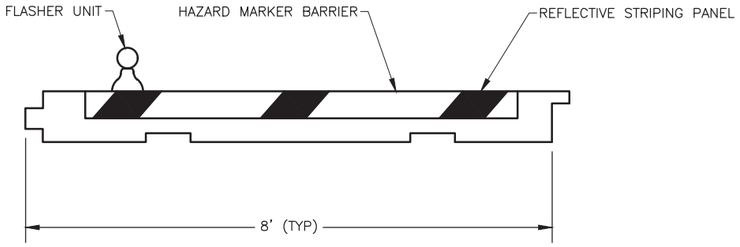
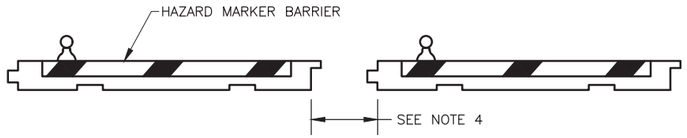
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
CSPP PHASE 7

DATE: SEPTEMBER 2021
SHEET: AC9 OF AC10



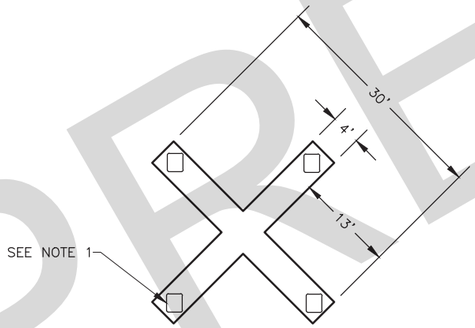
1 AC10 AVIATION HAZARD MARKER BARRICADE DETAIL
SCALE: NTS



2 AC10 CONSTRUCTION CLOSURE HAZARD MARKER BARRIER DETAIL
SCALE: NTS

BARRICADE NOTES:

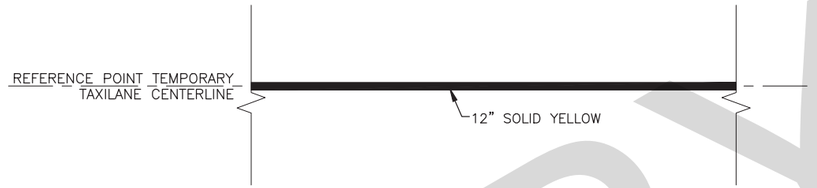
1. FLASHER SHALL BE BATTERY POWERED LIGHTS, TYPE "A", OF LOW INTENSITY, FLASHING, CONFORMING TO PART VI OF THE MANUAL ON TRAFFIC CONTROL DEVICES, 2009 EDITION.
2. ATTACH FLASHER PER MANUFACTURER'S RECOMMENDATIONS.
3. PLACE BARRIERS TO SEPARATE CONSTRUCTION AREAS FROM OPEN PORTIONS OF THE AIRPORT.
4. ALL BARRIERS SHALL BE INTERLOCKED. DISTANCE BETWEEN BARRIERS MAY BE ADJUSTED IF APPROVED BY THE ENGINEER.



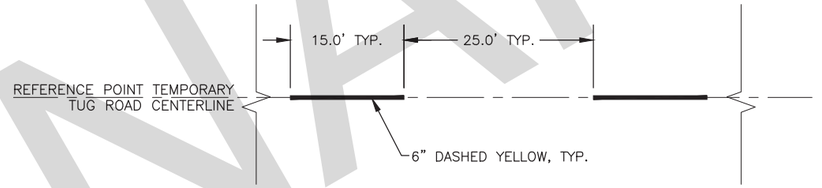
3 AC10 TAXIWAY CLOSURE MARKER DETAIL
SCALE: NTS

TAXIWAY CLOSURE MARKER NOTES:

1. INSTALL YELLOW SANDBAGS TO SECURE TAXIWAY CLOSURE MARKER TO SURFACE.



4 AC10 TEMPORARY TAXILANE CENTERLINE MARKINGS
NTS



5 AC10 TEMPORARY TUG ROAD CENTERLINE MARKINGS
NTS

Designed By:	MH
Drawn By:	MH
Checked By:	SB
Date Revised:	8/24/2021 4:06 PM
Layout Name:	AC10
File Path and Name:	J:\JobsData\30118.00 ANC TL E1, E3, And E-G Intersection\05 CADD 2019\01 Working Set\01 Civil\00675-ANC-CSPP Details.dwg

PLANS DEVELOPED BY:
CRW ENGINEERING GROUP, LLC
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#AECL882-AK

BY	DATE	REVISION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
CENTRAL REGION
4111 AVIATION AVE., ANCHORAGE ALASKA 99502
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TED STEVENS ANCHORAGE
ANCHORAGE, ALASKA
ANC TL E1, E3 AND E/G INT. RECONSTRUCTION
PROJECT No. CFAPT00675
AIP No. 3-02-0016-XXX-2021
CSPP DETAILS

DATE: SEPTEMBER 2021

SHEET: AC10 OF AC10