

ABBREVIATIONS

G - CENTERLINE

SIG - SERVICE TO CONTROLLER INTX - INTERSECTION

INTX L - INTERSECTION LIGHTING LTG - LIGHTING

PRE 2 - PREEMPTION #

PRE CON 2 - PREEMPTION CONTROLLER #

LC - LOAD CENTER

TC - TRAFFIC CONTROLLER

P1 - TRAFFIC SIGNAL POLE # PEC - PHOTOELECTRIC CELL

YAGI - DIRECTIONAL ANTENNA

OMNI - OMNI DIRECTIONAL ANTENNA

HEAD - VEHICULAR SIGNAL HEAD

PED B 28 - PEDESTRIAN PUSH BUTTON # PEDI - PEDESTRIAN SIGNAL HEAD

RMC - RIGID METAL CONDUIT

PE - POLYETHYLENE CONDUIT LENC - LIQUIDIIGHT FLEXIBLE

NONMETALLIC CONDUIT AWG - AMERICAN WIRE GAUGE

NB - NORTH BOUND

EB - EAST BOUND

SB - SOUTH BOUND

WB - WEST BOUND

DESCRIPTION

REVISIONS

DATE

NO.

NOTES:

FOUNDATIONS NOTES:

1. STATION & C.L. REFERENCE ARE TO THE CENTER OF THE STRUCTURE, EXCEPT ON LOOPS WHICH ARE TO THE CENTER OF THE TRAILING EDGE OF THE LOOP (EDGE NEAREST INTERSECTION).

PROJECT DESIGNATION

0A31056/Z583890000

0001497/Z570880000

YEAR

2016

NO.

H31

SHEET:

H38

- 2. JUNCTION BOX LOCATIONS APPROXIMATE. LOCATE J-BOXES SO THAT THEY ARE LOCATED OUT OF THE PATHWAY, SIDEWALK, CURB RAMPS, AND DRAINAGE
- 3. INSTALL LOAD CENTER AND TRAFFIC CONTROLLER FOUNDATIONS WITHIN 1-DEGREE OF PLUMB
- 4. INSTALL ANCHOR BOLTS IN CAST FOUNDATIONS TO BE WITHIN 1:40 OF PLUMB.
- 5. TOPSOIL AND SEED ANY DISTURBED AREAS

STATE

ALASKA

SIGNAL SYSTEM NOTES:

- 1. FURNISH THE SIGNAL AND LUMINAIRE MASTARM LENGTHS AND DIMENSIONS SPECIFIED ON THE POLE ELEVATIONS.
- 2. INSTALL DEVICES SUCH THAT THE DIMENSIONS SHOWN TO THE BOTTOM OF THE DEVICES ON THE POLE ELEVATIONS ARE MINIMUMS. VERTICAL DIMENSIONS TO SIGNAL HEADS ARE TO BOTTOM OF THE BACK PLATE
- 3. INSTALL MAST ARMS PERPENDICULAR TO THE ROADWAY CENTERLINE. ACCEPTABLE VARIANCE IS +/- 1-DEGREE.
- 4. SALVAGE SIGNAL POLE ASSEMBLIES, SIGNS, SIGNAL FACES, AND LUMINARIES AND DELIVER TO MAINTENANCE AND OPERATIONS WITHIN 48-HOURS OF DECOMMISSIONING. COMPONENTS DAMAGED WHILE IN THE CONTRACTORS CUSTODY MUST BE REPLACED AT THE CONTRACTORS EXPENSE. REMOVE AND DISPOSE OF FOUNDATIONS.
- 5. SALVAGE EXISTING CONTROLLER CABINET AFTER NEW CONTROLLER CABINET IS IN SERVICE AND DELIVER TO MAINTENANCE AND OPERATIONS WITHIN 48-HOURS
- 6. VEHICLE SIGNALS AND PEDESTRIAN SIGNALS SHALL BE LED MODULES.
- 7. REMOVE ABANDONED OR UNUSED TRAFFIC JUNCTION BOXES UNLESS OTHERWISE
- 8. NEW SIGNAL HEADS THAT ARE MOUNTED BUT NOT IN OPERATION SHALL BE COVERED WITH A COMMERCIALLY AVAILABLE SIGNAL-SHIRT. EACH SIGNAL SHIRT SHALL FEATURE ELASTICIZED OPENINGS THAT FIT OVER THE VISORS AND AT LEAST TWO STRAPS TO SECURE IT TO THE SIGNAL. PROVIDE SHIRTS WITH A LEGEND THAT READS "OUT OF SERVICE" AND A CENTER SECTION THAT ALLOWS AN OPERATOR TO SEE THE INDICATIONS DURING SYSTEM TESTS.
- 9. SIGNAL HEADS ARE TO BE LOCATED PER FIGURE 4D-100, TYPICAL SIGNAL HEAD LOCATIONS, PER THE ALASKA TRAFFIC MANUAL. ACCEPTABLE VARIANCE
- 10. AIM SIGNALS PER TABLE 660-2, THROUGH-SIGNAL AIMING POINT, OF THE SPECIAL PROVISIONS. SIGNALS SHALL ALSO BE AIMED SO AS NOT TO BE VISIBLE FROM SIDE STREET TRAFFIC. ACCEPTABLE VARIANCE IS +/- 5
- 11. EXISTING CIRCUITS LISTED ON THE LOAD CENTER SUMMARY AND PLAN SHEETS WERE OBTAINED FROM AS-BUILT INFORMATION AND MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO WORK INVOLVING THOSE CIRCUITS.

PLANS-IN-HAND AUGUST 201

PLANS DEVELOPED BY: R&M CONSULTANTS, INC 9101 VANGUARD DRIVE ANCHORAGE, AK 99507 (907) 522-1707

CERT. OF AUTH. NO. AECC111 PLANS DEVELOPED BY

EDC, INC. 213 WEST FIREWEED LANE ANCHORAGE, AK 99503 (907) 257-0601 CERT. OF AUTH. NO. AECC705





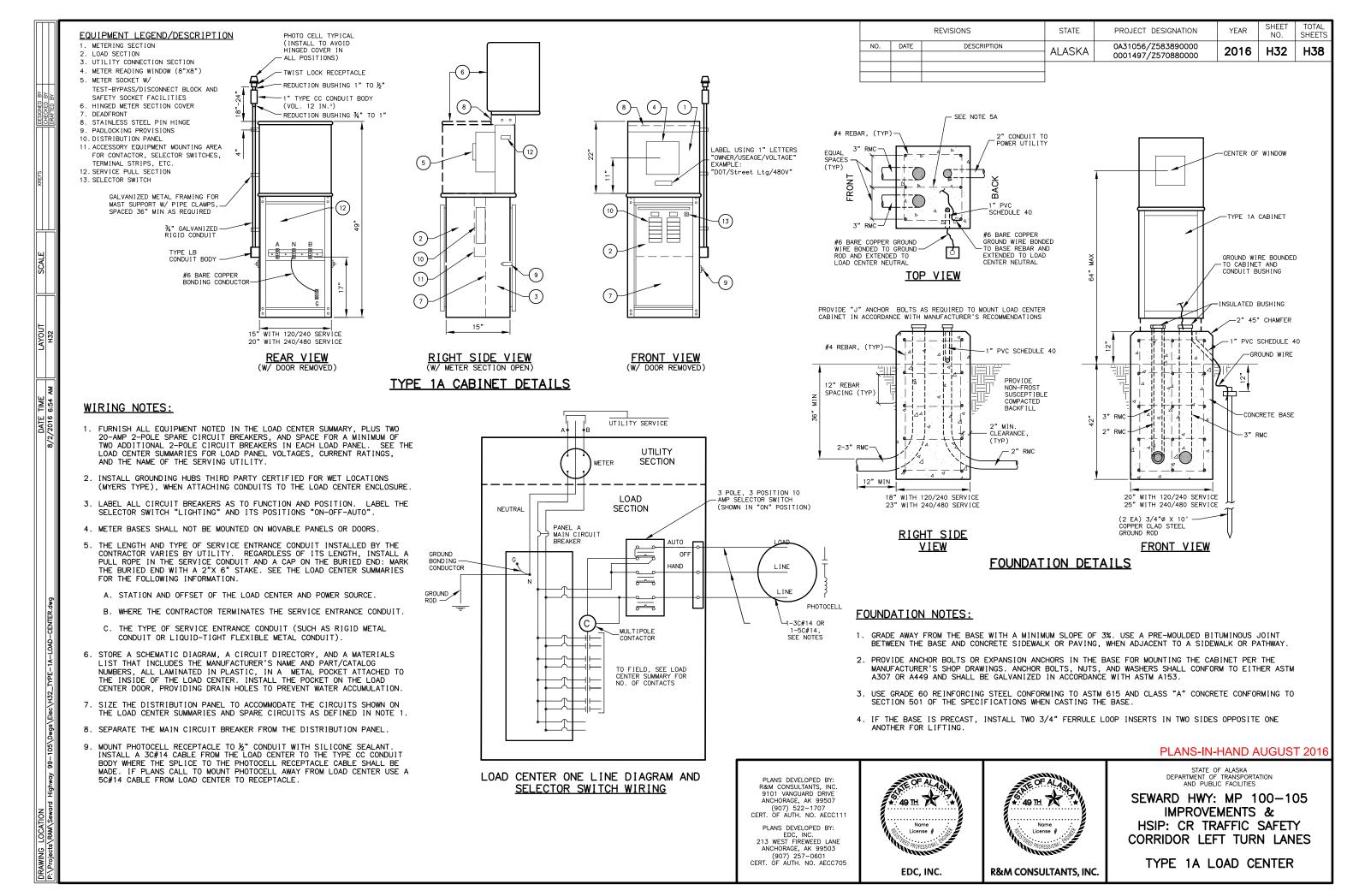
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES SEWARD HWY: MP 100-105 **IMPROVEMENTS &** HSIP: CR TRAFFIC SAFETY CORRIDOR LEFT TURN LANES

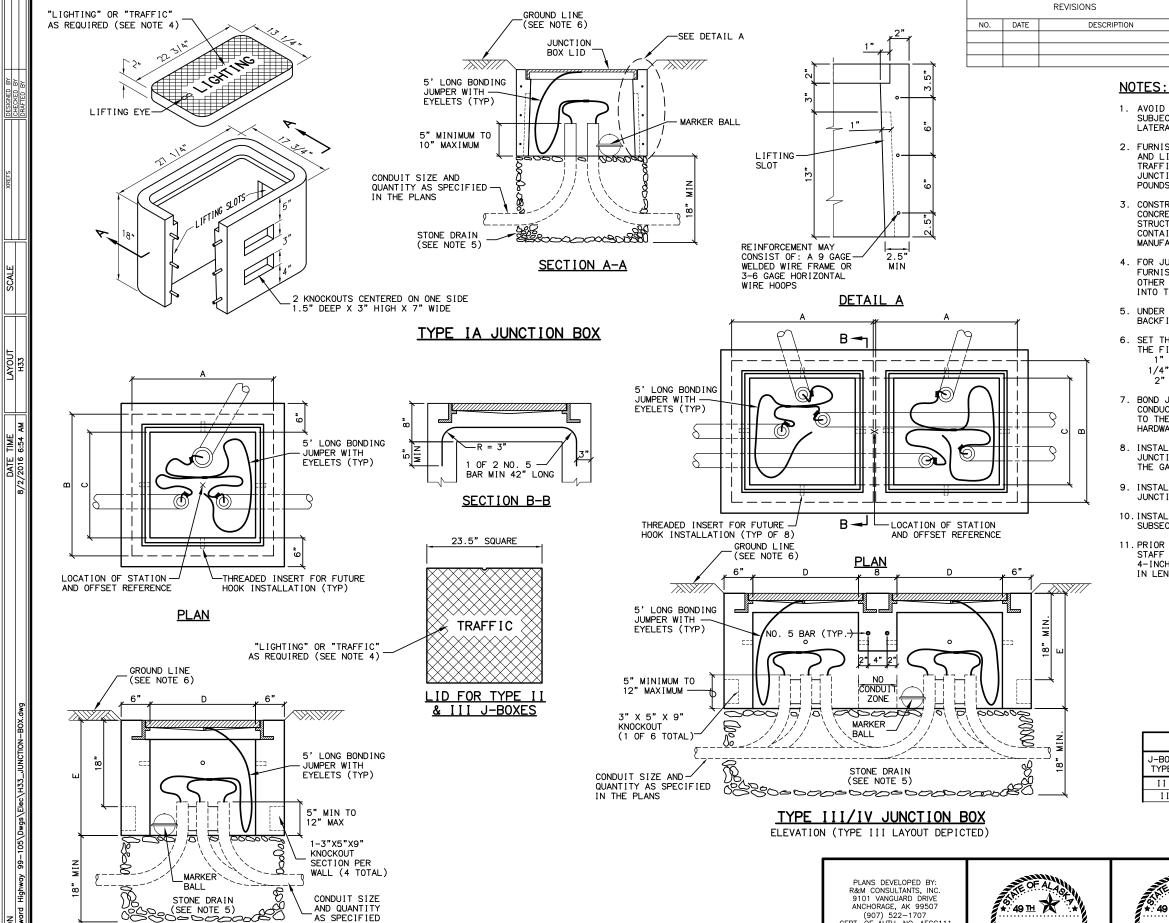
STATE OF ALASKA

TRAFFIC LEGEND AND NOTES

EDC. INC.

R&M CONSULTANTS, INC.





AVOID INSTALLING TYPE IA JUNCTION BOXES IN DRIVEWAYS OR IN LOCATIONS SUBJECT TO USE BY HEAVY TRUCKS. INSTALL JUNCTION BOXES ONLY AT THE LATERAL LOCATIONS ALLOWED IN SUBSECTION 660-3.04.

PROJECT DESIGNATION

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SHEET NO.

H33

YEAR

2016

TOTAL SHEETS

H38

- 2. FURNISH TYPE II, III AND IV JUNCTION BOXES WITH CAST IRON FRAMES AND LIDS THAT WEIGH A MINIMUM OF 210 POUNDS AND ARE RATED FOR HEAVY TRAFFIC LOADS IN COMPLIANCE WITH AASHTO M306. FURNISH TYPE IA JUNCTION BOXES WITH CAST IRON LIDS THAT WEIGH A MINIMUM OF 50
- 3. CONSTRUCT JUNCTION BOXES ACCORDING TO SECTION 501 USING CLASS A CONCRETE. REINFORCE TYPE IA JUNCTION BOXES AS SHOWN. SYNTHETIC STRUCTURAL FIBER-REINFORCED CONCRETE THAT MEETS ASTM C 1116 AND CONTAINS FIBER IN PROPORTIONS AS RECOMMENDED BY THE FIBER MANUFACTURER MAY BE ADDED FOR STRENGTH
- FOR JUNCTION BOXES THAT CONTAIN ILLUMINATION CONDUCTORS EXCLUSIVELY, FURNISH LIDS WITH THE WORD "LIGHTING" INSCRIBED INTO THEM. FOR OTHER JUNCTION BOXES, FURNISH LIDS WITH THE WORD "TRAFFIC" INSCRIBED
- 5. UNDER JUNCTION BOXES, INSTALL STONE DRAINS THAT CONSIST OF POROUS BACKFILL MATERIAL CONFORMING TO SUBSECTION 703-2.10.
- 6. SET THE TOPS OF JUNCTION BOXES WITH THE FOLLOWING DIMENSIONS BELOW THE FINISHED SURROUNDING SURFACE:

 1" IN PAVED MEDIANS AND ADJACENT TO PEDESTRIAN FACILITIES
 - 1/4" IN PEDESTRIAN FACILITIES
 - IN ALL OTHER AREAS

STATE

ALASKA

- 7. BOND JUNCTION BOX LIDS TO THE SYSTEM OF EQUIPMENT GROUNDING CONDUCTORS ACCORDING TO SUBSECTION 660-3.06. ATTACH BONDING JUMPERS TO THE JUNCTION BOX LIDS WITH BRASS OR STAINLESS STEEL
- 8. INSTALL LOOP DETECTOR TAILS THROUGH ONE OF THE KNOCKOUTS OF TYPE 1A JUNCTION BOXES. AFTER SETTING THE BOXES TO GRADE, INSTALL GROUT IN THE GAPS THAT REMAIN IN THE KNOCKOUT.
- INSTALL A 1/2" THICK PREFORMED BITUMINOUS JOINT MATERIAL AROUND JUNCTION BOXES INSTALLED IN PORTLAND CEMENT CONCRETE WALKWAYS.
- 10. INSTALL AN ELECTRONIC MARKER BALL IN ALL JUNCTION BOXES PER SUBSECTION 660-3.04.
- 11. PRIOR TO INSTALLATION MARK ALL JUNCTION BOX LOCATIONS WITH A WIRE STAFF VINYL FLAG. THE FLAG SHALL BE RED IN COLOR AND MINIMUM 4-INCHES TALL BY 5-INCHES WIDE. THE WIRE STAFF SHALL BE 21-INCHES IN LENGTH AND CONSTRUCTED OF MINIMUM 15.5 GAUGE STEEL.

		J	-BO	DX D	IN	MENSI	10	NS		
J-B0X	DIMENSIONS									
TYPE	A (MAX.)	в (MAX.)	С	(MIN.)	D	(MIN.)	E	(MIN.)
ΙΙ	29	1/2"	29	1/2"		22"		22"		24"
HII	29	1/2"	29	1/2"		22"		22"		24"

PLANS-IN-HAND AUGUST 201

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

SEWARD HWY: MP 100-105 IMPROVEMENTS & HSIP: CR TRAFFIC SAFETY CORRIDOR LEFT TURN LANES

JUNCTION BOX

(907) 522-1707 CERT. OF AUTH. NO. AECC111

PLANS DEVELOPED BY: EDC, INC. 213 WEST FIREWEED LANE

ANCHORAGE, AK 99503 (907) 257-0601 CERT. OF AUTH. NO. AECC705



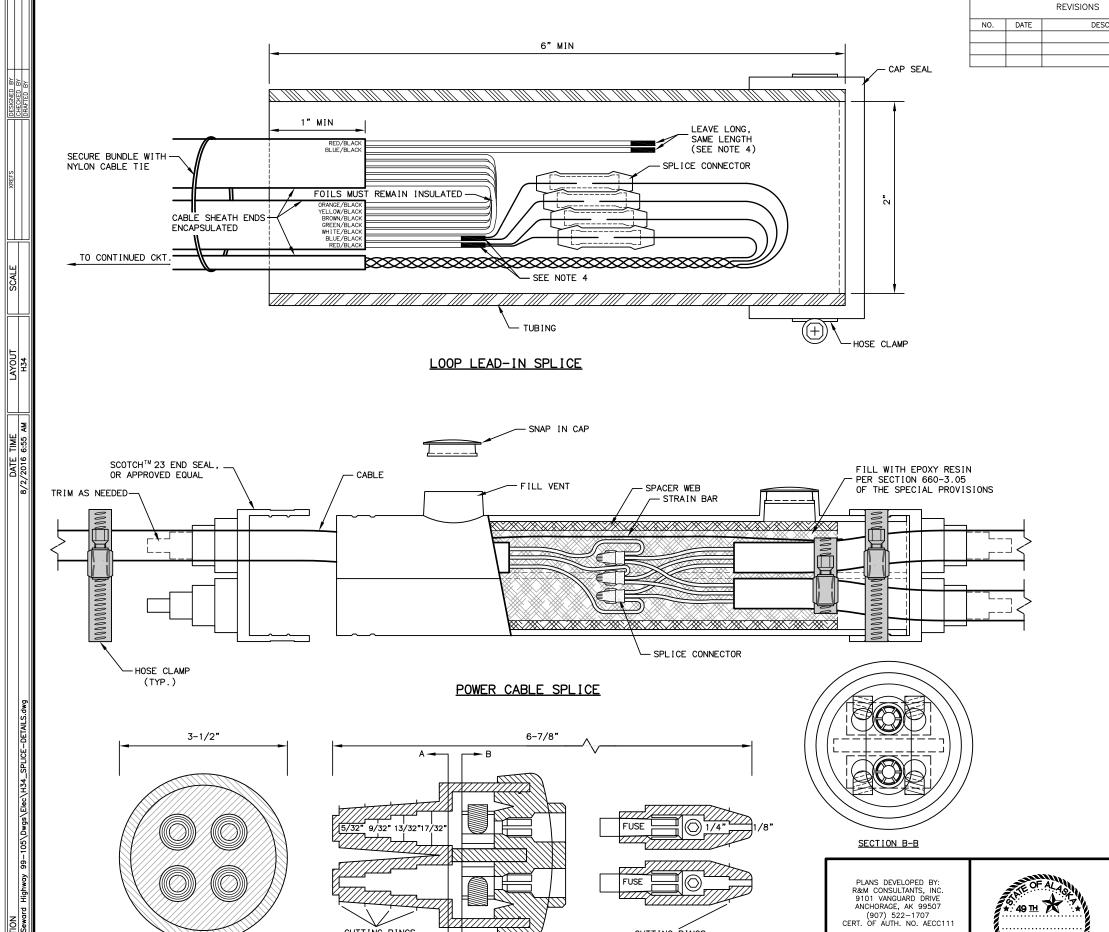




R&M CONSULTANTS, INC.

TYPE II JUNCTION BOX **ELEVATION**

IN THE PLANS



DOUBLE FUSED CONNECTOR

CUTTING RINGS

CUTTING RINGS

SECTION A-A

SHEET NO. TOTAL SHEETS STATE PROJECT DESIGNATION YEAR DESCRIPTION 0A31056/Z583890000 **ALASKA** 2016 H34 H38 0001497/Z570880000

NOTES:

LOOP LEAD-IN SPLICE

- 1. FABRICATE LOOP LEAD-IN SPLICE IN THE FIELD AS SHOWN.
- 2. CAP SEAL ONE END AND COMPLETELY FILL OPEN END WITH RE-ENTERABLE ENCAPSULATION COMPOUND TO EDGE OF TUBING.
- 3. LEAVE A MINIMUM OF 1/2" CLEARANCE BETWEEN THE ENCLOSURE AND THE SPLICE AT BOTH ENDS OF THE TUBING.
- 4. EXPOSE FOIL AND DRAIN WIRES, SEAL WITH HEAT SHRINK TUBING (TYP).
- 5. INSTALL SPLICE CONNECTORS ACCORDING TO MANUFACTURER'S SPECIFICATIONS.

POWER CABLE SPLICE

6. SECURE CABLE/CONNECTOR BUNDLE WITH HOSE CLAMPS AS SHOWN.

MATERIAL PROPERTIES								
L0	LOOP LEAD-IN SPLICE							
TUBING 2" CORE FLOW								
CAP SEAL FERNCO QWIK CAP #QC-102, OR APPROVED EC								
HOSE CLAMP	STAINLESS STEEL							
SPLICE CONNECTOR	ML56-16, OR APPROVED EQUAL							
COMPOUND	RE-ENTERABLE ENCAPSULATION							
·								
POWER CABLE SPLICE								
SPLICE KIT 3M MODEL 78R, OR APPROVED EQUAL								
SPLICE CONNECTOR	SCOTCHLOCK G, R, OR Y SPRING CONNECTOR, OR APPROVED EQUAL							
HOSE CLAMP	(4)- STAINLESS STEEL							
EPOXY RESIN	PER SECTION 660-3.05 OF THE SPECIAL PROVISIONS							
DOUBLE FUSED CONNECTOR								
DOUBLE FUSED CONNECTOR	SEC-1791-DF-1, OR APPROVED EQUAL							
FUSES	(2) - COMPATIBLE 10-AMP							
·								

PLANS-IN-HAND AUGUST 201

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

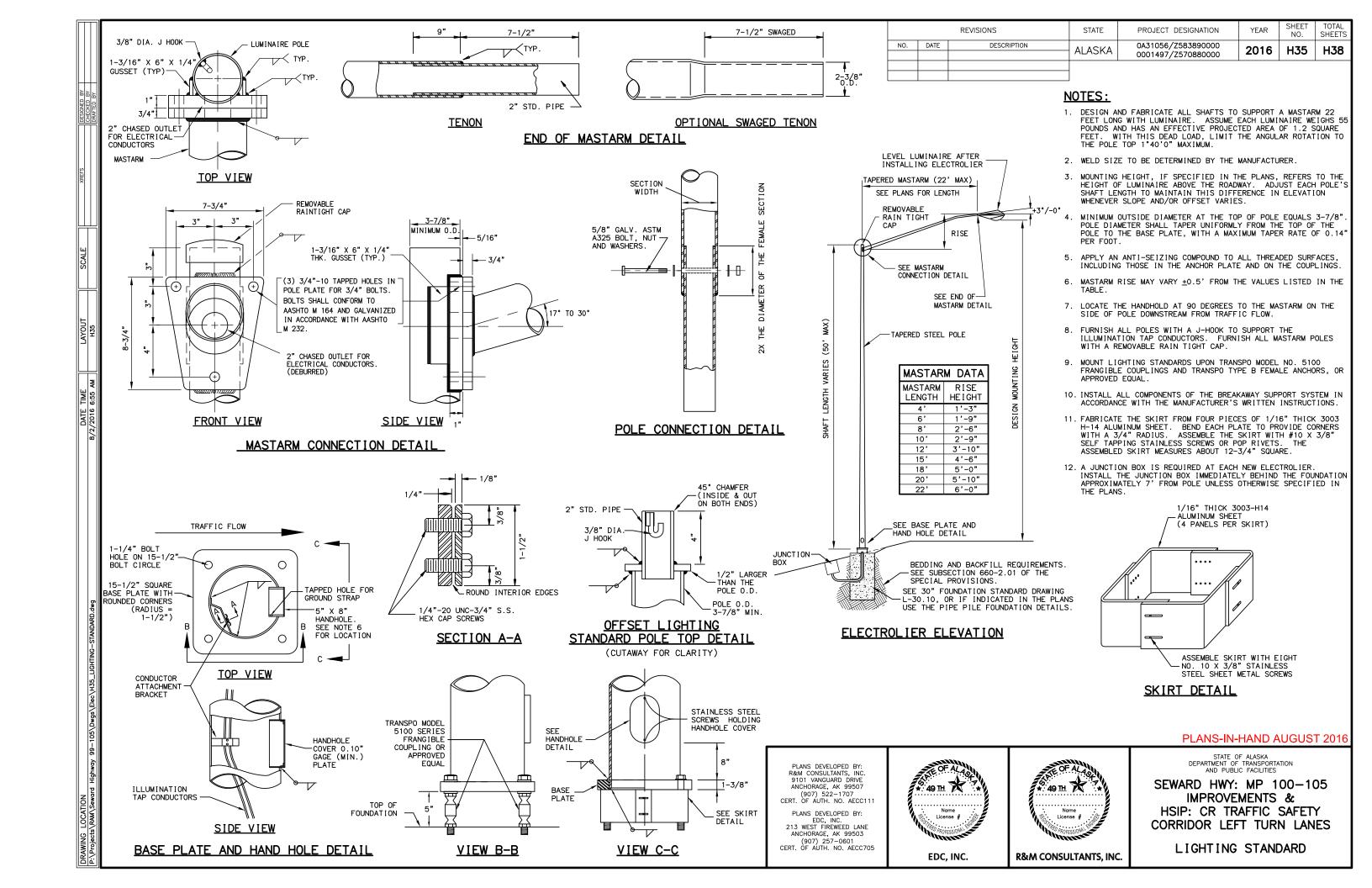
SEWARD HWY: MP 100-105 IMPROVEMENTS & HSIP: CR TRAFFIC SAFETY CORRIDOR LEFT TURN LANES

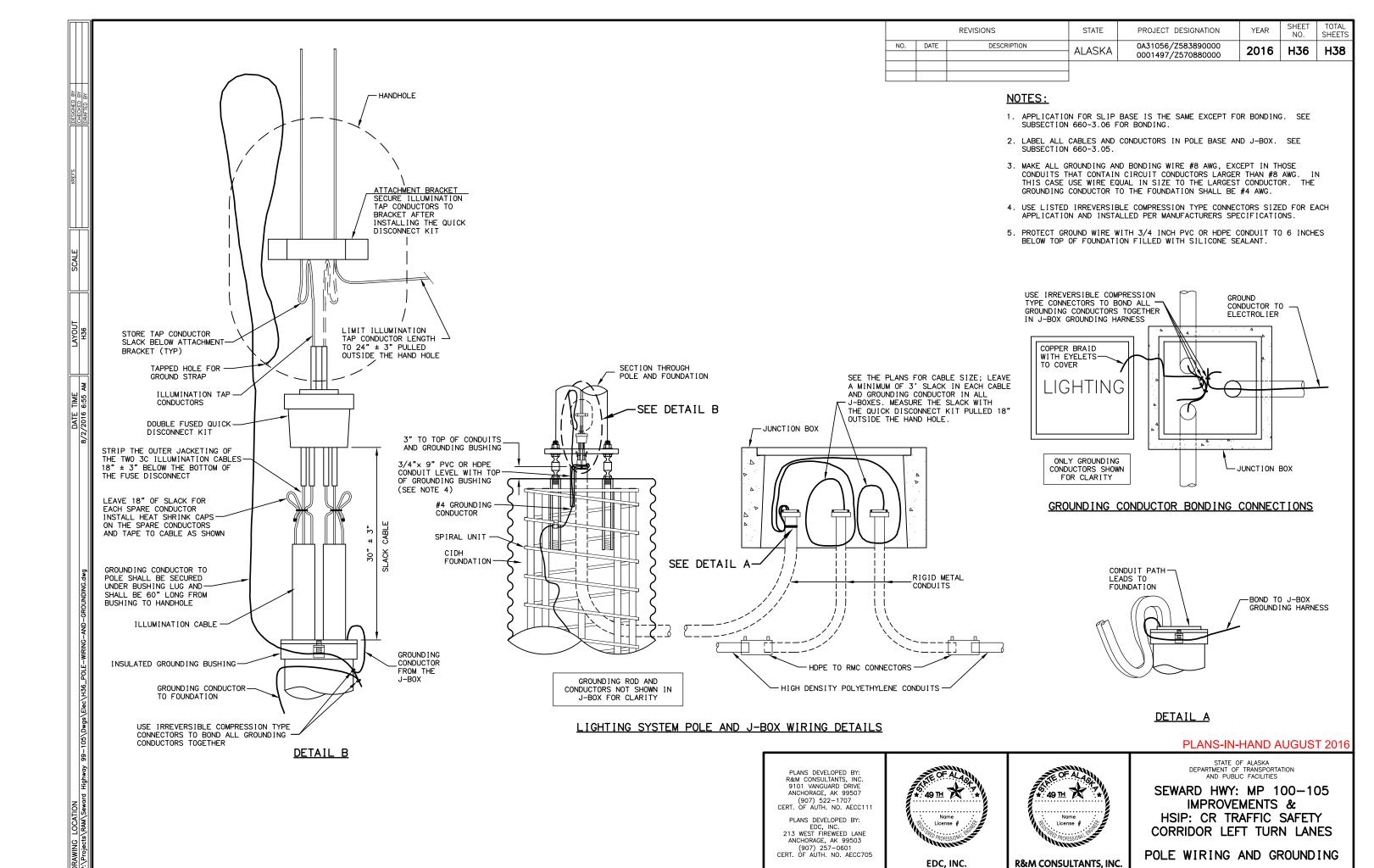
SPLICE DETAILS

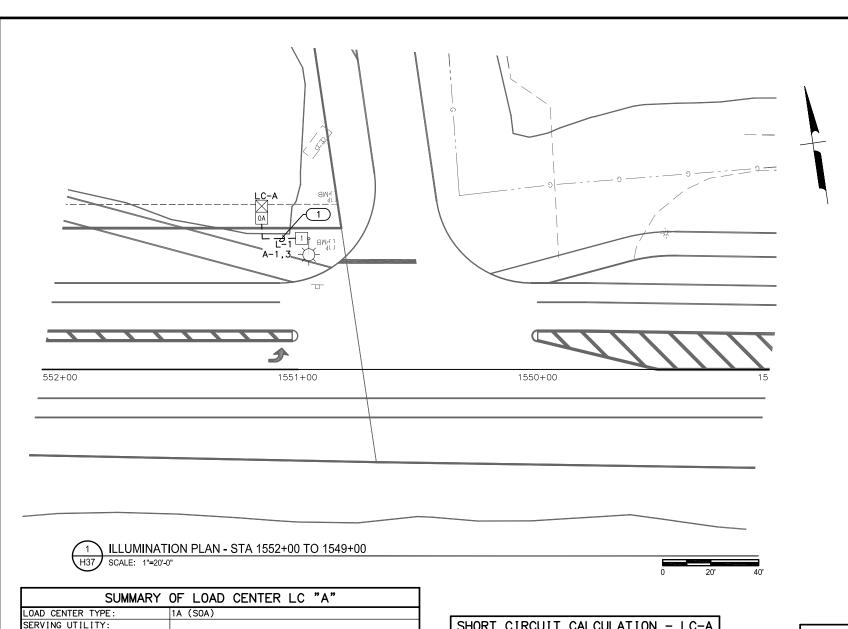
PLANS DEVELOPED BY: EDC, INC. 213 WEST FIREWEED LANE ANCHORAGE, AK 99503 (907) 257–0601 CERT. OF AUTH. NO. AECC705

EDC, INC.

R&M CONSULTANTS, INC.







DATE TIME /2016 6:56 /

SERVICE CONDUIT TYPE:

PHOTOELECTRIC CONTROL: SERVICE VOLTAGE: PROVIDE METER SOCKET: MAIN BREAKER A: CONTACTOR: AIC RATING:

DESCRIPTION

LIGHTING

SPARE

* CIRCUIT THROUGH CONTACTOR

LOAD CENTER:

POLE TRIP

_____20/2

5 20/2

9 20/2

13

15

OWER SOURCE:

		REVISIONS	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	ALASKA	0A31056/Z583890000 0001497/Z570880000	2016	H37	Н38

LUMINAIRE SCHEDULE						
MANUFACTURER	GE OR APPROVED EQUAL					
MODEL	M400A-PLUS OR APPROVED EQUAL					
WATTAGE	250					
LIGHT SOURCE	HPS					
VOLTAGE	240					
BALLAST TYPE	MAG-REG					
PE CONTROL	NONE					
IGNITOR MOUNTING	PLUG-IN					
LENS TYPE	FLAT GLASS					
IES DISTRIBUTION TYPE	мс3					
FILTER	CHARCOAL W/ ELASTOMER GASKET					
UL LISTED	YES					

LAMP SCHEDULE					
MANUFACTURER	SYLVANIA OR APPROVED EQUAL				
MODEL	LU250 OR APPROVED EQUAL				
BULB	ET18				
BASE	E39				
ANSI SPEC NUMBER	S50				
LAMP FINISH	CLEAR				
OPERATING POSITION	UNIVERSAL				
AVERAGE RATED LIFE	24,000 HOURS				
INITIAL LUMENS	29,000				
MEAN LUMENS	26,100				
CRI	22				
CCT	2100				

	LUMINAIRE PERF CRITERIA
MAST AR	POLE TYPE
M-C-3	LUMINAIRE TYPE
HPS	LAMP
250	WATTAGE
COBRA HE	STYLE
22 FT	ARM LENGTH
0	AIMING ANGLE
3	NUMBER OF LANES
12 FT	LANE WIDTH
4 FT	MEDIAN WIDTH
35 FT	MOUNTING HEIGHT
N/A	SPACING
26 FT	SETBACK (EOTW)
0.85	LIGHT LOSS FACTOR
N/A	AVERAGE LUMINANCE
N/A	UNIFORMITY (AVE/MIN)
N/A	VEILING LUMINANCE

			SHORT	CIRCUIT CALC	CULATION - LC
RIGID METAL CONDUIT		ľ	240V AC I	N A 1-PH, 3W CONF	IGURATION WITH A
LOCATION DATA				TOR OF 1.00, 1 CON	
SEWARD HIGHWAY AND BORETIDE ROAD			TRAN	SFORMER RATING	25KVA
NEW LINE EXTENSION				VOLTAGE	120/240V
AT LOAD CENTER			TRANSF	ORMER IMPEDANCE	1.2%
1 PHASE, 3 WIRE, 120/240V WITH GROUNDE	.D		LET-TH	RU SHORT CIRCUIT CURRENT	8,681A
YES					
240 VOLT. 2-POLE. 100 AMPERES			LEN	IGTH TO FAULT	40FT
600V. 6-POLE			SERVICI	E CONDUCTOR SIZE	1/0 AWG ALUMINU
10.000A		ľ		CONDUIT	NON-MATALLIC
		ſ	LIN	E-LINE FAULT	5,805A
PANEL A			LINE-	-NEUTRAL FAULT	5,236A
POLE AØ BØ POLE DESCRIPTION AN	MP RIP POLE	•			
	5/2 2				
0.1 0.2 0.1 PHOTOCELL 15	4				

	JUNCTION			В	OX SCH	EDUL	E		
	JBOX STATION ALIGNMENT (Ο,	0FFS	SET		TYPE		
	0A "L" 1551+15.0)	63.0	RT		1A		
	1	1 "L" 1550+98.4		4	54.6'RT			1A	
	LOAD CENTER STATIONING								
	STATION ALIGNMENT			OFFSET			TYPE		
LC	"A"	"L	"L" 1551+15.0			68.0' R	Т		1A

WIRING SCHEDULE

1-3C#8

TAG CONDUIT

1) 2" RMC

PLANS-IN-HAND AUGUST 2016

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

SEWARD HWY: MP 100-105 IMPROVEMENTS & HSIP: CR TRAFFIC SAFETY CORRIDOR LEFT TURN LANES SEWARD HIGHWAY AND BORETIDE ROAD ILLUMINATION PLAN

			ELECTROL I ER	SCHE	DULE			
POLE NO.	STATION ALIGNMENT	OFFSET	DISTRIBUTION TYPE	LAMP WATTS	BALLAST VOLTAGE	MOUNTING HEIGHT	MASTARM LENGTH	REMARKS
L-1	"L" 1550+95.4	54.4'RT	M-C-3	250	240	35'	22'	

TOTAL KVA 0.4

AMPS 1.7

6

8

10

12

14 16

18

0.0 0.0 0.0

 0.0
 0.0
 0.0

 0.0
 0.0
 0.0

0.0 0.0 0.0 0.0 0.0 0.0

0.0 0.0 0.0

0.2 0.2

0.0 0.0

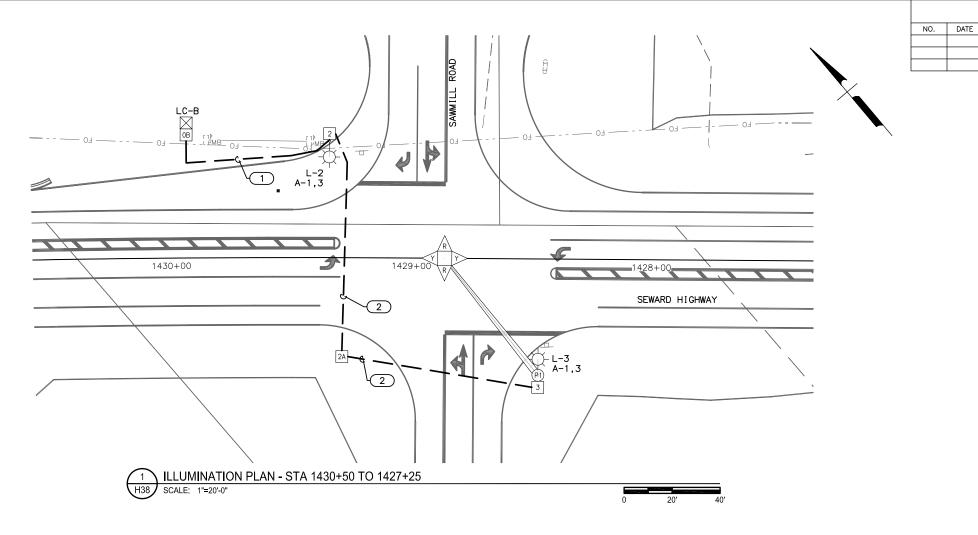
0.0

PLANS DEVELOPED BY: R&M CONSULTANTS, INC. 9101 VANGUARD DRIVE ANCHORAGE, AK 99507 (907) 522–1707 CERT. OF AUTH. NO. AECC111

PLANS DEVELOPED BY: EDC, INC. 213 WEST FIREWEED LANE ANCHORAGE, AK 99503 (907) 257-0601 CERT. OF AUTH. NO. AECC705



EDC, INC. **R&M CONSULTANTS, INC.**



SHORT CIRCUIT CALC	
240V AC IN A 1-PH, 3W CONFI POWER-FACTOR OF 1.00, 1 CON	
TRANSFORMER RATING	25KVA
VOLTAGE	120/240V
TRANSFORMER IMPEDANCE	1.2%
LET-THRU SHORT CIRCUIT CURRENT	8,681A

LINE-NEUTRAL FAULT

SHORT CIRCUIT CALC	CULATION - LC-B						
	MAOV AC IN A 1-PH, 3W CONFIGURATION WITH A OWER-FACTOR OF 1.00, 1 CONDUCTOR PER PHASE.						
TRANSFORMER RATING	25KVA						
VOLTAGE	120/240V						
TRANSFORMER IMPEDANCE	1.2%						
LET-THRU SHORT CIRCUIT CURRENT	8,681A						
LENGTH TO FAULT	40FT						
SERVICE CONDUCTOR SIZE	1/0 AWG ALUMINUM						
CONDUIT	NON-MATALLIC						
LINE-LINE FAULT	5,805A						

5.236A

WIRING SCHEDULE							
TAG	CONDUIT	WIRE					
\bigcirc	2" RMC	2-3C#8					
2	3" RMC	2-3C#8					

JUNCTION BOX SCHEDULE				
JB0X	STATION ALIGNMENT	OFFSET	TYPE	
OB	"L" 1429+93.6	51.2'RT	1A	
2	"L" 1429+34.3	51.6' RT	1A	
2A	"L" 1429+29.0	41.2' LT	1A	
3	"L" 1428+47.1	53.5' LT	1A	

	FOUNDATION SCHEDULE				
	STATION ALIGNMENT	OFFSET	TYPE		
P1	"L" 1428+47.1	48.4' LT			
LC "B	"L" 1429+93.6	56.2' RT	TYPE 1A LOAD CENTER		

NOTES:

DESCRIPTION

REVISIONS

INSTALL 12-INCH TRAFFIC SIGNAL HEADS ON MASTARM. INSTALL A 6-POSISTION TERMINAL BLOCK IN EACH SIGNAL HEAD.

PROJECT DESIGNATION

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STATE

ALASKA

SHEET NO.

H38

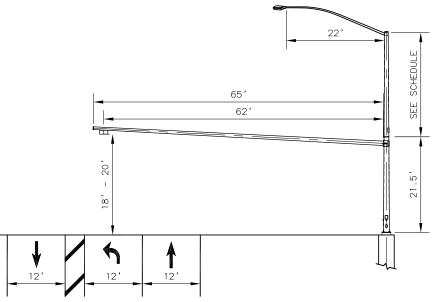
YEAR

2016

TOTAL SHEETS

H38

- 2. WRE RED SIGNAL HEADS WITH A SINGLE 1-3C#14 AND YELLOW SIGNAL HEADS WITH A SECOND 1-3C#14. RED SIGNAL HEADS SHALL BE WIRED INTO ONE CIRCUIT AND YELLOW SIGNAL HEADS INTO THE SECOND CIRCUIT OF DUAL CIRCUIT "MUSHROOM" FLASHER.
- 3. INSTALL A DUAL CIRCUIT "MUSHROOM" FLASHER IN BOTTOM OF 4-WAY SIGNAL HEAD FRAME ASSEMBLY HOUSING. CONNECT TO LOAD CENTER USING 1-3C#8 AS SHOWN.



SIGNAL POLE P1 EAST ELEVATION
P1
51°
SIGNAL POLE ORIENTATION

PLANS-IN-HAND AUGUST 2010

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

SEWARD HWY: MP 100-105 IMPROVEMENTS & HSIP: CR TRAFFIC SAFETY CORRIDOR LEFT TURN LANES SEWARD HIGHWAY AND SAWMILL ROAD SIGNAL PLAN

	ELECTROLIER SCHEDULE							
POLE NO.	STATION ALIGNMENT	OFFSET	DISTRIBUTION TYPE	LAMP WATTS	BALLAST VOLTAGE	MOUNTING HEIGHT	MASTARM LENGTH	REMARKS
L-2	"L" 1429+34.4	48.6'RT	M-C-3	250	240	35'	22'	
L-3	"L" 1428+47.1	48.4' LT	M-C-3	250	240	35'	22'	

TOTAL KVA 0.9

AMPS 3.8

TRIP POLE

15/2 2

6

8

10

12

14

16

18

SUMMARY OF LOAD CENTER LC "B"

RIGID METAL CONDUIT LOCATION DATA

NEW LINE EXTENSION

AT LOAD CENTER

600V, 6-POLE

PANEL A

POLE AØ BØ POLE KVA

 0.3
 0.4
 0.1

 0.1
 0.1
 0.0

0.0 0.0 0.0

0.0 0.0 0.0 0.0 0.0 0.0

0.5 0.4

SEWARD HIGHWAY AND SAWMILL ROAD

240 VOLT, 2-POLE, 100 AMPERES

0.1

0.0 0.0

0.0 0.0

1 PHASE, 3 WIRE, 120/240V WITH GROUNDED

PH0T0CELL

1A (SOA)

NEUTRAL

10,000A

0.3 0.4

0.0

0.0

LOAD CENTER TYPE: SERVING UTILITY: SERVICE CONDUIT TYPE:

LOAD CENTER:

CONTACTOR: AIC RATING:

POLE TRIP

3 20/2

5 20/

20/2

11 20/2

15

17

POWER SOURCE:

SERVICE VOLTAGE:

PHOTOELECTRIC CONTROL

PROVIDE METER SOCKET: MAIN BREAKER A:

DESCRIPTION

LIGHTING

BEACON

SPARE

SPARE

* CIRCUIT THROUGH CONTACTOR

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