

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 MAINTENANCE & OPERATIONS

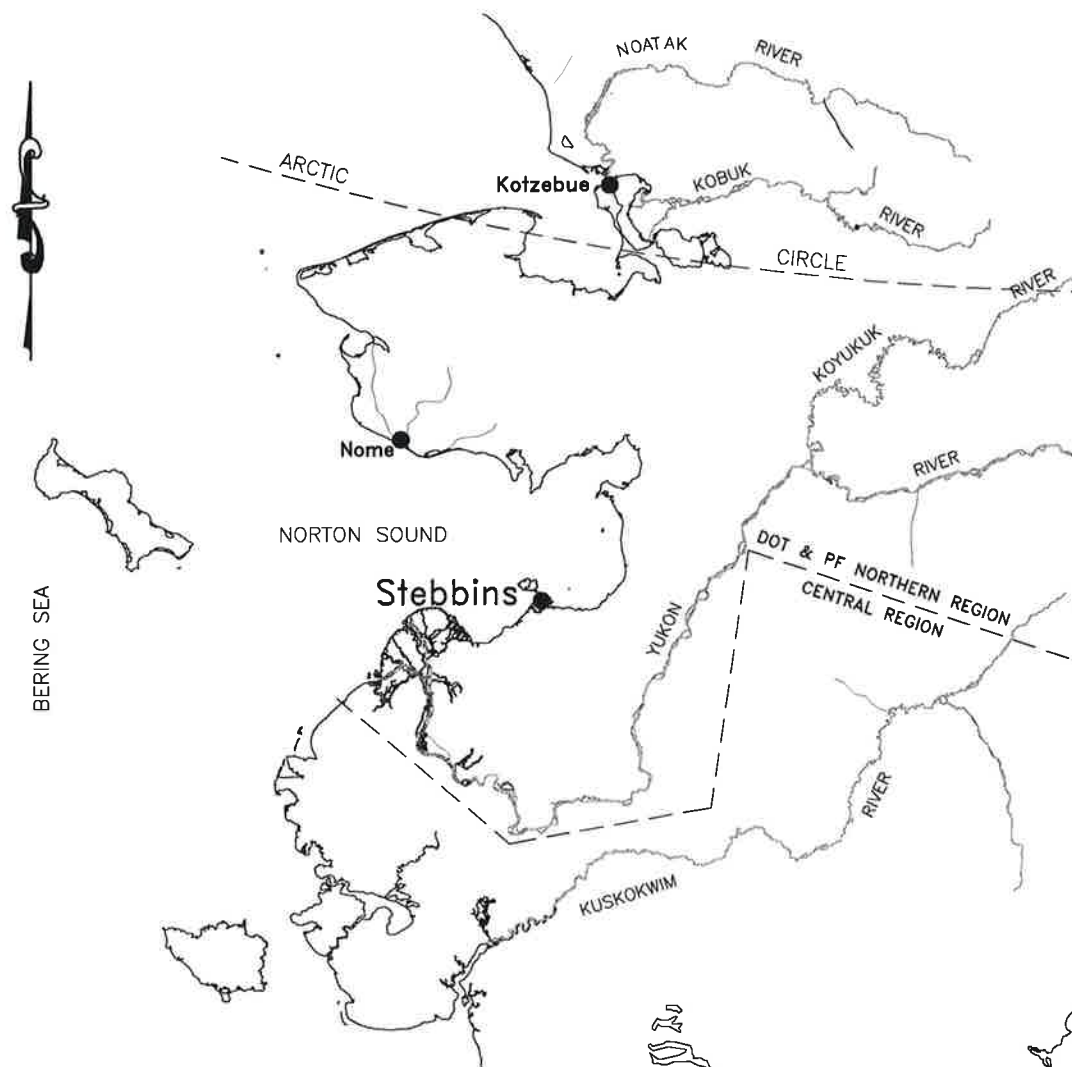


PROPOSED AIRPORT PROJECT

AIP 3-02-0200-123-2019 / NFAPT00383

STEBBINS AIRPORT SEGMENTED CIRCLE REPLACEMENT FFY2019

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
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6	PANEL DETAILS & NOTES
7	WIND CONE DETAIL- EXISTING AND NEW



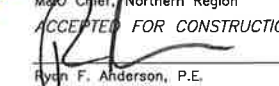
As Advertised
 February 25, 2021
 Northern Region

DANIEL S. ADAMCZAK, P.E., NR M&O PROJECT MANAGER
 ARTEM E. RUPPERT, P.E., NR M&O DESIGN ENGINEER

PROJECT DESIGNATION	DATE	SHEET NO.	TOTAL SHEETS
AIP 3-02-0200-123-2019 / NFAPT00383	JAN 2021	1	7
CDS ROUTE: N/A	MILEPOINT: N/A TO N/A		

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 &
 PUBLIC FACILITIES

APPROVED BY:  DATE 2/10/21
 Jason M. Sakalaskas, P.E.
 M&O Chief, Northern Region

ACCEPTED FOR CONSTRUCTION:  DATE 2/11/21
 Ryan F. Anderson, P.E.
 Regional Director, Northern Region

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 PLANS DEVELOPED BY: STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES, NORTHERN REGION, 2301 PEGGER ROAD, FAIRBANKS, AK 99709 (907)451-2200









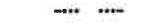










ABBREVIATIONS:

AC	ADVISORY CIRCULAR
APPROX	APPROXIMATELY
ARFF	AIRCRAFT RESCUE and FIRE FIGHTING
A.R.P.	AIRPORT REFERENCE POINT
ASSY	ASSEMBLY
AWOS	AUTOMATED WEATHER OBSERVING STATION
BLDG	BUILDING
BOP	BEGINNING OF PROJECT
CGP	CONSTRUCTION GENERAL PERMIT
☉	CENTERLINE
CSP	CORRUGATED STEEL PIPE
CY	CUBIC YARD
CSPP	CONSTRUCTION SAFETY PHASING PLAN
DOT, DOT&PF	DEPARTMENT OF TRANSPORTATION
E	EAST, EASTING
EA	EACH
EEB, EEEB	ELECTRICAL EQUIPMENT ENCLOSURE BUILDING
ELE	ELEVATION
EOP	END OF PROJECT
EXIST	EXISTING
FAA	FEDERAL AVIATION ADMINISTRATION
FG	FINISHED GRADE
FOD	FOREIGN OBJECT DEBRIS
', FT	FOOT, FEET
GA	GENERAL AVIATION
GALV	GALVANIZED
CGP	CONSTRUCTION GENERAL PERMIT
HDPE	HIGH DENSITY POLYETHYLENE
", IN	INCH, INCHES
MAX	MAXIMUM
MIN	MINIMUM
MR	MAINTENANCE ROAD
N	NORTH, NORTHING

NO. NUMBER

NOTAM	NOTICE TO AIRMEN
NTS	NOT TO SCALE
OFA	OBJECT FREE AREA
OFZ	OBSTACLE FREE ZONE
PAC	PRIMARY AIRPORT CONTROL
PC	POINT OF CURVATURE
POT	POINT ON TANGENT
PT	POINT OF TANGENCY
PVI	POINT OF VERTICAL INTERSECTION
R	RADIUS
ROFA	RUNWAY OBJECT FREE AREA
RPZ	RUNWAY PROTECTION ZONE
RSA	RUNWAY SAFETY AREA
RSC	RIGID STEEL CONDUIT
RWY	RUNWAY
S	SOUTH
SAC	SECONDARY AIRPORT CONTROL
SEGM	SEGMENTED
SHT	SHEET
SREB	SNOW REMOVAL EQUIPMENT BUILDING
SPCD	SAFETY PLAN COMPLIANCE DOCUMENT
STA	STATION
T	TANGENT
TOFA	TAXIWAY OBJECT FREE AREA
TSA	TAXIWAY SAFETY AREA
TWY	TAXIWAY
TYP	TYPICAL
VPC	VERTICAL POINT OF CURVATURE
VPI	VERTICAL POINT OF INTERSECTION
VPT	VERTICAL POINT OF TANGENCY
W	WEST
WBB	STEBBINS AIRPORT CODE
WR	WIND CONE ROAD
∅	DIAMETER

LEGEND:

	PROPERTY LINE
	ROADWAYS
	ELEVATION CONTOURS
	RUNWAY SAFETY AREA (RSA)
	RUNWAY OBJECT FREE AREA (ROFA)
	BUILDING RESTRICTION LINE (B.R.L.)
	WATER SHORE LINE
	TUNDRA/MARSHLANDS
	THRESHOLD LIGHTING
	ROTATING BEACON
	WIND CONE (UNLIGHTED)
	NEW LIGHTED WINDCONE
	PANEL-TYPE SEGMENTED CIRCLE WITH DIRECTIONAL INDICATORS AND WITH LIGHTED WINDCONE
	NEW SEGMENTED CIRCLE PANEL ASSEMBLY, (PLAN VIEW)
	BUILDINGS
	AIRPORT REFERENCE POINT
	B.L.M. MONUMENT
	PRIMARY MONUMENT
	SECONDARY MONUMENT

NO.	DATE	REVISION



1-22-2021

STATE OF ALASKA
 Department of Transportation and Public Facilities
 Maintenance & Operations
 Northern Region

SHEET: 2 of 7	STEBBINS AIRPORT SEGMENTED CIRCLE REPLACEMENT FFY2019
DATE: JAN 2021	
AIP 3-02-0200-123-2019 / NFAPT00383	AIRPORT LEGEND

PLANS DEVELOPED BY: STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES, NORTHERN REGION, 2301 PEGER ROAD, FAIRBANKS, AK 99709 (907)451-2200
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ESTIMATE OF QUANTITIES				
ITEM NO.	SUPPLEMENTAL DESCRIPTION	UNIT	QUANTITY	REMARKS
L107.010.0008	8- FEET LIGHTED WIND CONE, IN PLACE (SALVAGE EXISTING AND INSTALL NEW)	EACH	1	DELIVER SALVAGED WIND CONE TO STEBBINS SREB BUILDING AS DIRECTED BY THE ENGINEER
P640.020.0000	SEGMENTED CIRCLE (PANEL-TYPE), STEBBINS	LUMP SUM	ALL REQUIRED	24 EA PANELS (16 SEGMENTED CIRCLE PANELS AND 8 EA DIRECTIONAL INDICATOR PANELS)

ESTIMATE OF LUMP SUM QUANTITIES			
ITEM NO.	AIRPORT NAME/CODE	SEGMENTED CIRCLE QUANTITY	REMARKS FOR AS-BUILTS (DATE BUILT)
P640.020.0000	STEBBINS / WBB	1 EA	


AS-BUILT SUMMARY*			
AS-BUILT TITLE	PROJECT NO	CONSTRUCTED	PROJECT AREAS AS-BUILTS SHOW
STEBBINS AIRPORT REHABILITATION	AIP NO. 3-02-0279-01/65858	1996	SEGMENTED CIRCLE PLAN VIEW SHEET 5; FOUNDATION/WIND CONE DETAIL SHEET 21.
STEBBINS AIRPORT GRAVEL SURFACE REPAIRS	ITB #2514 No.34	2014	1-PAGE PLAN/USED ACCESS ROUTE

* LISTED AS-BUILTS WILL BE MADE AVAILABLE AS PART OF THE PROJECT SUPPLEMENTAL INFORMATION

GENERAL NOTES:

1. WORK THAT IS REQUIRED UNDER SPECIFICATION SECTIONS G-100 "MOBILIZATION AND DEMOBILIZATION", G-115 "WORKER MEALS AND LODGING, OR PER DIEM", P-151 "CLEARING AND GRUBBING", P-165 "REMOVAL OF STRUCTURES" AND P-641 "EROSION, SEDIMENT, AND POLLUTION CONTROL" IS SUBSIDIARY TO THE P640.020.0000 SEGMENTED CIRCLE (PANEL-TYPE), STEBBINS PAY ITEM. MOBILIZATION & DEMOBILIZATION IS FOR ALL ITEMS OF WORK ON THIS PROJECT AND NO SEPARATE ALLOWANCE WILL BE MADE IF SEVERAL TRIPS ARE NEEDED TO COMPLETE WORK.
2. SUBMIT PROJECT WORK SCHEDULE AT THE PRE-CONSTRUCTION CONFERENCE. INCLUDE ANTICIPATED TIME FRAMES OF CONSTRUCTION FIELD WORK.
3. PRIOR TO COMMENCEMENT OF WORK AT LOCATION THE CONTRACTOR SHALL NOTIFY THE AIRPORT MANAGER SO THAT ANY NECESSARY NOTAM CAN BE ISSUED. COORDINATE THIS WORK WITH THE ENGINEER AND INFORM THE AIRPORT MANAGER WHEN ALL PHYSICAL CONSTRUCTION WORK IS COMPLETED SO NOTAM CAN BE RESCINDED. THE ENGINEER WILL PROVIDE CONTACT INFORMATION FOR AIRPORT MANAGER. WHENEVER COMMUNICATION WITH THE AIRPORT MANAGER OCCURS NOTIFY ENGINEER VIA E-MAIL. FOLLOW NOTIFICATION REQUIREMENTS OF CGP SPECIFICATION 80-04-d.
4. REMOVE ALL COMPONENTS OF EXISTING BARREL-TYPE SEGMENTED CIRCLES AND DISPOSE OF IN ACCORDANCE WITH SECTION P-165 "REMOVAL OF STRUCTURES". DO NOT STOCKPILE ON SITE UNLESS APPROVED BY THE ENGINEER. REMOVAL AND DISPOSAL OF EXISTING SEGMENTED CIRCLE MATERIALS IS SUBSIDIARY TO THE P640.020.0000 PAY ITEM.
5. NEW SEGMENTED CIRCLE SHALL BE CENTERED AROUND THE WIND CONE MAST AT THE LOCATION OF THE EXISTING SEGMENTED CIRCLE. REMOVE AND SALVAGE EXISTING WIND CONE MAST AND REPLACE WITH NEW AS REQUIRED BY SPECIFICATION SECTION L-107 AT THE EXISTING LOCATION. NO BELOW GROUND REPLACEMENT OF COMPONENTS IS REQUIRED. LAY OUT LOCATIONS OF NEW SEGMENTED CIRCLE PANELS OFF EXISTING WIND CONE MAST LOCATION. SEE ALSO SHEET 7 FOUNDATION DETAIL.
6. PANEL LAYOUT MAY BE SLIGHTLY ADJUSTED IN FIELD BY THE ENGINEER BASED ON LOCAL GRAVEL PAD CONDITIONS. SOME LOCATIONS MAY NOT HAVE GRAVEL PAD BUT EXISTING GROUND. CONFORMANCE TO FAA AC 150/5340-5C SHALL BE ENSURED AS VERIFIED BY THE ENGINEER.
7. LAY OUT DIRECTIONAL INDICATORS PER PLANS AND AS DIRECTED BY THE ENGINEER.
8. PRIOR TO PUNCHING NEW POST HOLES (OR DOING ANY OTHER EARTH-DISTURBING ACTIVITIES) PERFORM UTILITY LOCATES. AVOID DAMAGE TO THE EXISTING BURIED CONDUIT THAT POWERS LIGHTING INSIDE THE MAST WIND CONE TOWER AT THE CENTER OF THE SEGMENTED CIRCLE (SEE SHEET 5 SEGMENTED CIRCLE LAYOUT SCHEMATIC). IF DAMAGE OCCURS DUE TO CONTRACTOR'S ACTIONS, PERFORM REPAIRS AT NO COST TO THE DEPARTMENT. NOT ALL AS-BUILTS MAY SHOW CONDUIT ROUTE. IN CASE POSTS CANNOT BE INSTALLED PER PLAN DETAILS CONTACT THE ENGINEER PRIOR TO MAKING FIELD POST LAYOUT REVISIONS. SEE ALSO SHEET 6 SEGMENTED CIRCLE NOTE 3.
9. RESTORE ALL DISTURBED AREAS TO ORIGINAL CONDITIONS OR BETTER, AS DETERMINED BY THE ENGINEER. BACKFILL ANY DEPRESSIONS REMAINING FROM REMOVAL OF EXISTING SEGMENTED CIRCLE COMPONENTS (DRUMS) TO ROUGHLY MATCH ADJACENT EXISTING GROUND ELEVATION. RE-USE EXISTING EXCAVATED MATERIAL AND ANY UNCONTAMINATED MATERIAL LEFT OVER FROM THE INSIDE THE DRUMS (REMOVED BARRELS). THIS WORK IS SUBSIDIARY TO THE P640.020.0000 PAY ITEM.
10. CLEAR ALL BRUSH AND OVERGROWTH GRASS WITHIN 70' RADIUS OF WIND CONE MAST AT SEGMENTED CIRCLE LOCATION AND 20' OUTSIDE OF PANEL ASSEMBLIES WHEN DIRECTIONAL INDICATORS ARE PRESENT, SEE PLAN SHEET 5. FOLLOW SECTION P-151 CLEARING AND GRUBBING SPECIFICATIONS. CLEARING AND DISPOSAL OF DEBRIS IS SUBSIDIARY TO THE P640.020.0000 PAY ITEM. FOR ACCEPTANCE SUBMIT THE ELECTRONIC PICTURE OF THE SITE TO THE ENGINEER.
11. NEW SIGN PANEL SURFACES SHALL BE SUBSTANTIALLY FREE OF ANY SCRATCHES AND NICKS. AVOID BOLT OVER-TIGHTENING THAT MAY CAUSE RETRO-REFLECTIVE SHEETING TO WRINKLE AROUND BOLT LOCATIONS.
12. UPON COMPLETION OF WORK SUBMIT SEVERAL ELECTRONIC PICTURES TO THE ENGINEER. THESE SHALL INCLUDE "BEFORE AND AFTER CONSTRUCTION" GROUND-LEVEL AND AERIAL VIEWS. GROUND LEVEL PICTURES SHALL INCLUDE CLOSE-UPS OF ALL PANEL SURFACES AND SHOTS OF ALL GROUND DIRECTLY UNDER THE PANEL ASSEMBLIES.
13. PRIOR TO LEAVING SITE VERIFY THAT ALL PANEL ASSEMBLY BOLTS ARE COMPLETELY TIGHTENED.

NO.	DATE	REVISION



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SHEET: 4 of 7
 DATE: JAN 2021
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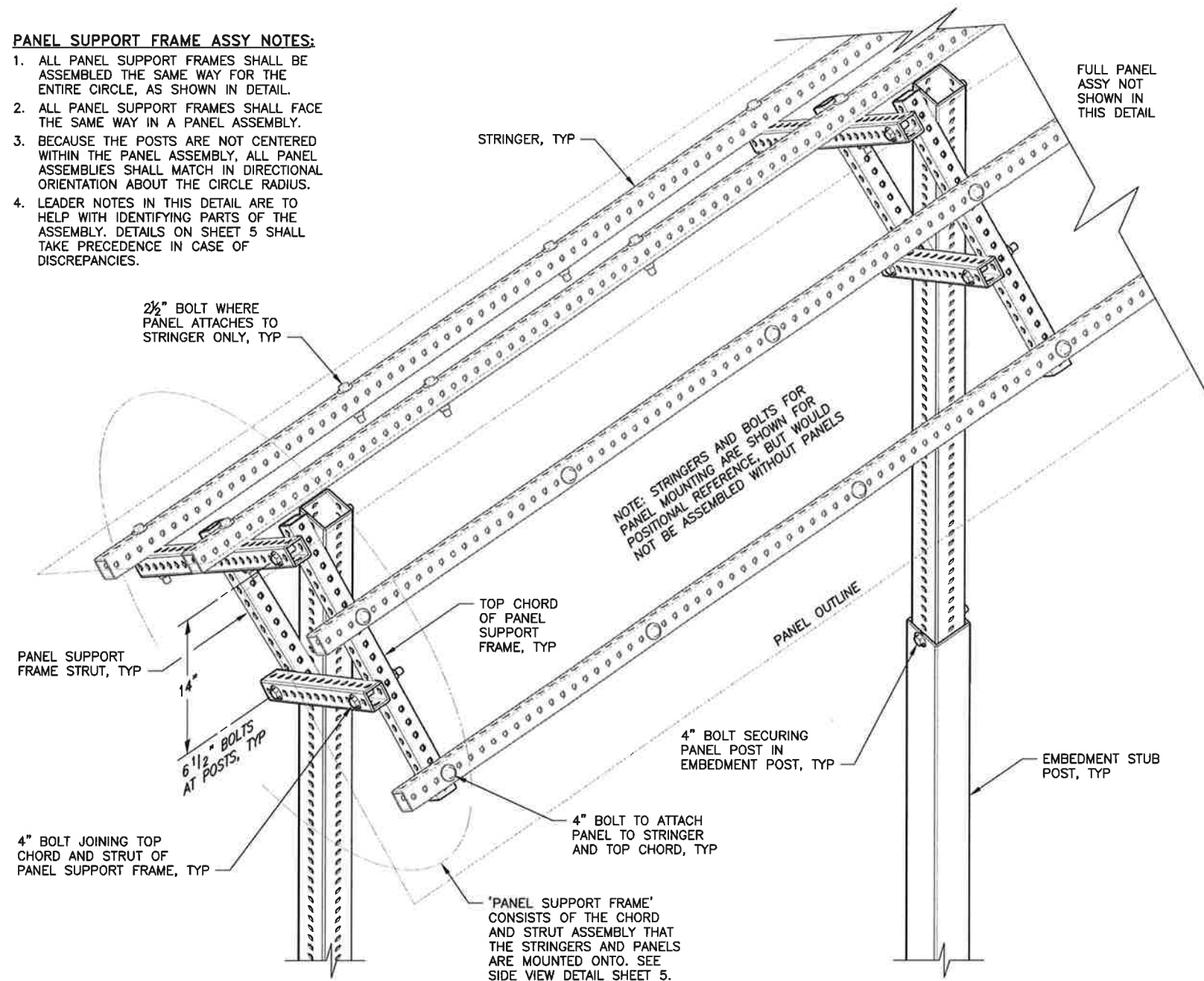
STEBBINS AIRPORT
 SEGMENTED CIRCLE
 REPLACEMENT FFY2019
 TABLES & NOTES

1-22-2021

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 PLANS DEVELOPED BY: STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES, NORTHERN REGION, 2301 PEGER ROAD, FAIRBANKS, AK 99709 (907)451-2200

PANEL SUPPORT FRAME ASSY NOTES:

1. ALL PANEL SUPPORT FRAMES SHALL BE ASSEMBLED THE SAME WAY FOR THE ENTIRE CIRCLE, AS SHOWN IN DETAIL.
2. ALL PANEL SUPPORT FRAMES SHALL FACE THE SAME WAY IN A PANEL ASSEMBLY.
3. BECAUSE THE POSTS ARE NOT CENTERED WITHIN THE PANEL ASSEMBLY, ALL PANEL ASSEMBLIES SHALL MATCH IN DIRECTIONAL ORIENTATION ABOUT THE CIRCLE RADIUS.
4. LEADER NOTES IN THIS DETAIL ARE TO HELP WITH IDENTIFYING PARTS OF THE ASSEMBLY. DETAILS ON SHEET 5 SHALL TAKE PRECEDENCE IN CASE OF DISCREPANCIES.



PANEL SUPPORT FRAME ASSY - 3D DETAIL
NTS

FULL PANEL ASSY NOT SHOWN IN THIS DETAIL

SEGMENTED CIRCLE NOTES:

1. ALL ABOVE GROUND STRUCTURAL MEMBERS OF PANEL ASSEMBLY ARE PST (PERFORATED STEEL TUBING), SIZE AS INDICATED IN DRAWING, IN CONFORMANCE WITH SPECIFICATION P-640-2.2.b.
2. ALL BOLTS, NUTS, AND WASHERS SHALL CONFORM TO FASTENER SPECIFICATION TABLE INCLUDED IN THIS SHEET. ALL BOLTS USED IN PANEL ASSEMBLY SHALL BE 3/8" DIA. x LENGTH CALLED OUT IN PLANS, UNLESS OTHERWISE NOTED. FOR EACH BOLT INCLUDE 1 EA 3/8" ALL METAL LOCK NUT (EXCEPT AT POST BASES), AND 2 EA 3/8" WASHERS (3/16 ID x 1" OD) - ONE AT THE BOLT HEAD AND ONE AT THE NUT.
3. LOCATE UNDERGROUND UTILITIES TO AVOID DISTURBANCE PRIOR TO LAYOUT OF CIRCLE, AND CONSULT WITH THE ENGINEER OR LOCAL M&O REPRESENTATIVE ON A BEST WAY TO ALIGN PANEL ARRANGEMENT SUCH THAT ONE OF THE OPENINGS BETWEEN PANELS MATCHES BEST ROUTE FOR MAINTENANCE EQUIPMENT ACCESS.
4. FINISH HEIGHT OF ALL INSTALLED PANEL ASSEMBLIES COMPRISING A SINGLE SEGMENTED CIRCLE SHALL BE UNIFORM WITH A MAXIMUM VARIANCE OF 6" THROUGHOUT CIRCLE LAYOUT, UNLESS OTHERWISE APPROVED BY THE ENGINEER. SEE NEXT NOTE 5.
5. THE TERRAIN OF CIRCLE INSTALLATION AREA MAY NOT BE COMPLETELY LEVEL, THEREFORE INDIVIDUAL PANEL POST HEIGHTS MUST BE DETERMINED BY THE CONTRACTOR, AND CUT TO LENGTH IN THE FIELD, TO MEET REQUIREMENTS OF SEGMENTED CIRCLE NOTE 4.
6. TO FACILITATE THE EASE OF REMOVABILITY OF PANEL ASSEMBLY FROM EMBEDMENT STUB POSTS TO MEET ANY SITE MAINTENANCE NEEDS CONTRACTOR SHALL ENSURE THAT THE INSIDE OF ALL EMBEDMENT STUB POSTS IS CLEAR OF EARTH AND DEBRIS FOR A LENGTH OF AT LEAST 12" TO EXCEED THE LENGTH OF PANEL POST INSERTION.
7. INSTALLATION OF EMBEDMENT STUB POSTS MAY REQUIRE MINOR TRENCHING IF OCCASIONAL ROCK IS ENCOUNTERED. BACKFILL EXCAVATED MATERIAL AND RESTORE LEVEL SURFACE AS APPROVED BY THE ENGINEER. THIS WORK IS SUBSIDIARY TO THE P640.020.0000 PAY ITEM AT EACH SEGMENTED CIRCLE LOCATION.
8. EMBEDMENT STUB POST HEIGHT OF 2" ABOVE GROUND IS TO ACCOMMODATE HAVING MINIMAL CLEARANCE TO MANIPULATE THE BOLT ABOVE GROUND, WHILE ALSO BEING LOW ENOUGH TO BE DRIVEN OVER WITH RUBBER TIRES OF EQUIPMENT IF/WHEN PANEL ASSEMBLY IS REMOVED.
9. DIMENSIONS LABELED "(REF)" ARE FOR INFORMATIONAL PURPOSES ONLY.

FASTENER SPECIFICATION TABLE

FASTENER TYPE	STEEL HOT DIPPED GALVANIZED	STAINLESS STEEL
BOLTS	ASTM A 307	ASTM F 593
NUTS & LOCK NUTS	ASTM A 563	ASTM F 594
WASHERS	ASTM F 844	ASTM A 480

OTHER PROJECT-SPECIFIC NOTES:

1. REMOVE ALL COMPONENTS OF EXISTING BARREL-TYPE SEGMENTED CIRCLE AND DISPOSE OF IN ACCORDANCE WITH SECTION P-165 REMOVAL OF STRUCTURES. DO NOT STOCKPILE ON SITE UNLESS APPROVED BY THE ENGINEER. REMOVAL AND DISPOSAL OF EXISTING SEGMENTED CIRCLE MATERIALS IS SUBSIDIARY TO THE P640.020.0000 PAY ITEM.
2. RESTORE ALL DISTURBED AREAS TO ORIGINAL CONDITIONS OR BETTER, AS DETERMINED BY THE ENGINEER. BACKFILL ANY DEPRESSIONS REMAINING FROM REMOVAL OF EXISTING SEGMENTED CIRCLE COMPONENTS (ABOVE-GROUND AND UNDERGROUND) TO MATCH ADJACENT EXISTING GROUND ELEVATION. RE-USE EXISTING EXCAVATED MATERIAL FOR THAT PURPOSE. THIS WORK IS SUBSIDIARY TO THE P640.020.0000 PAY ITEM.
3. NEW SEGMENTED CIRCLE SHALL BE CENTERED AROUND THE NEW WIND CONE MAST AT THE SAME LOCATION AS THE OLD WIND CONE MAST.
4. PANEL LAYOUT MAY BE SLIGHTLY ADJUSTED IN FIELD BY THE ENGINEER BASED ON LOCAL GROUND CONDITIONS. CONFORMANCE TO FAA AC 150/5340-5C SHALL BE ENSURED AS VERIFIED BY THE ENGINEER.
5. PRIOR TO PUNCHING NEW POST HOLES (OR DOING ANY OTHER EARTH-DISTURBING ACTIVITIES) PERFORM UTILITY LOCATES WHERE REQUIRED FOR NEW OR EXISTING CONSTRUCTION. AVOID DAMAGE TO THE NEW OR EXISTING BURIED CONDUIT THAT POWERS LIGHTING INSIDE MAST WIND CONE TOWER AT THE CENTER OF THE SEGMENTED CIRCLE. IF DAMAGE OCCURS DUE TO CONTRACTOR'S ACTIONS, PERFORM REPAIRS AT NO COST TO THE DEPARTMENT. IN CASE POSTS CANNOT BE INSTALLED PER PLAN DETAILS CONTACT THE ENGINEER PRIOR TO MAKING FIELD POST LAYOUT REVISIONS. SEE ALSO SHEET 6 SEGMENTED CIRCLE NOTE 3.
6. NEW SIGN PANEL SURFACES SHALL BE SUBSTANTIALLY FREE OF ANY SCRATCHES AND NICKS. AVOID BOLT OVER-TIGHTENING THAT MAY CAUSE RETRO-REFLECTIVE SHEETING TO WRINKLE AROUND BOLT LOCATIONS.
7. UPON COMPLETION OF WORK SUBMIT SEVERAL ELECTRONIC PICTURES TO THE ENGINEER. THESE SHALL INCLUDE BEFORE CONSTRUCTION AND AFTER CONSTRUCTION, GROUND-LEVEL AND AERIAL VIEWS. GROUND LEVEL PICTURES SHALL INCLUDE CLOSE-UPS OF PANEL SURFACES AND SHOTS OF ALL GROUND DIRECTLY UNDER THE NEW PANEL ASSEMBLIES.

NO.	DATE	REVISION



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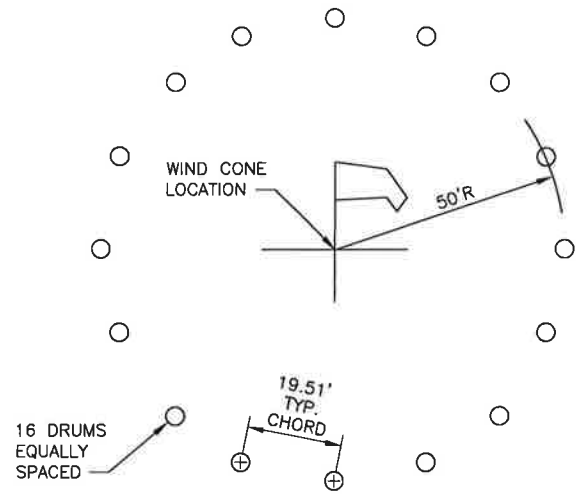
SHEET: 6 of 7

DATE: JAN 2021

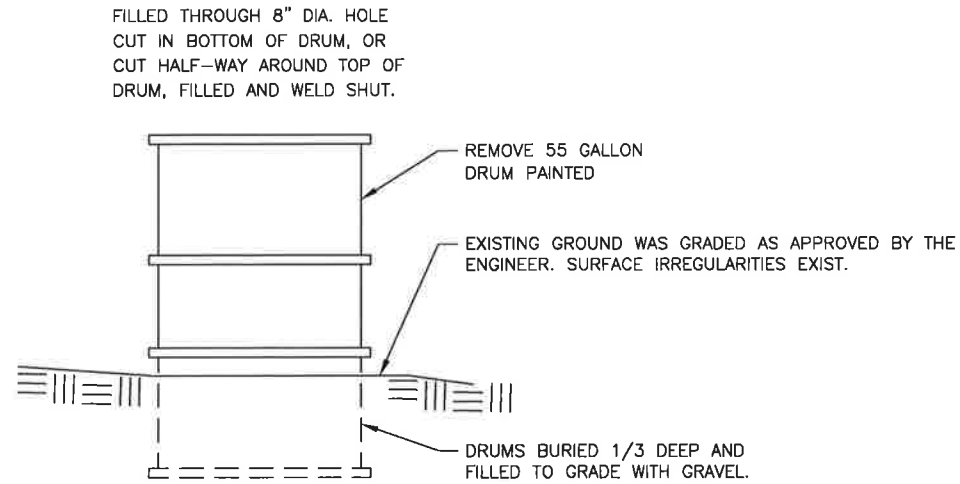
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STEBBINS AIRPORT
SEGMENTED CIRCLE
REPLACEMENT FFY2019
PANEL DETAILS &
NOTES

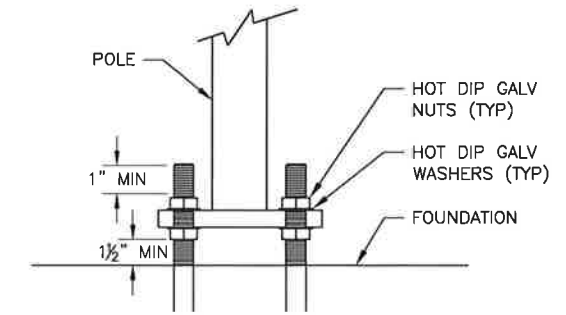
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 PLANS DEVELOPED BY: STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES, NORTHERN REGION, 2301 PEGER ROAD, FAIRBANKS, AK 99709 (907)451-2200



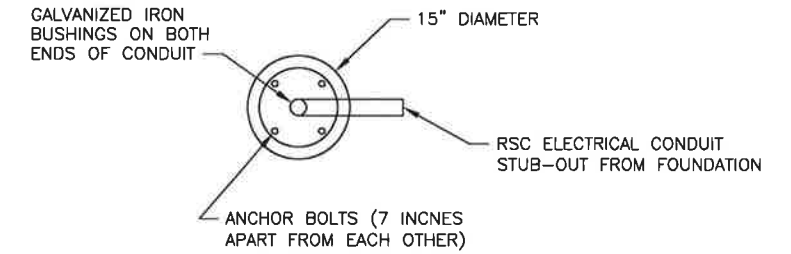
**EXISTING BARREL-TYPE LAYOUT PLAN FOR
(REMOVE DRUMS AND WIND CONE MAST)**



**EXISTING TYPICAL BARRELL (DRUM)
INSTALLATION (REMOVE AND BACKFILL HOLE)**

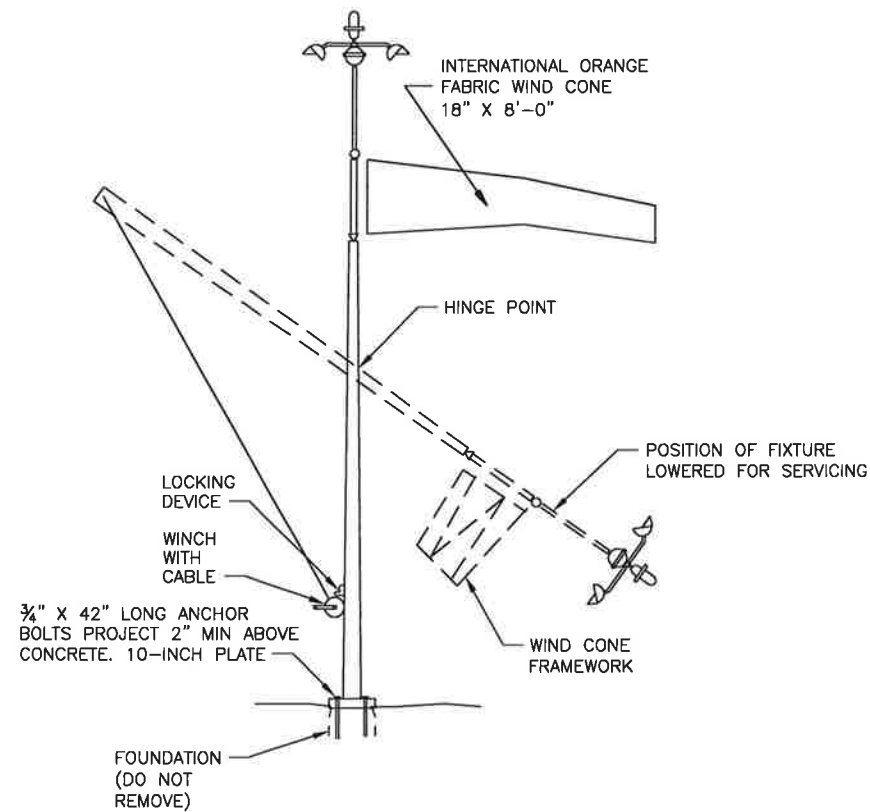


**1 WIND CONE POLE MOUNTING ELEVATION
(RE-USE EXISTING)**

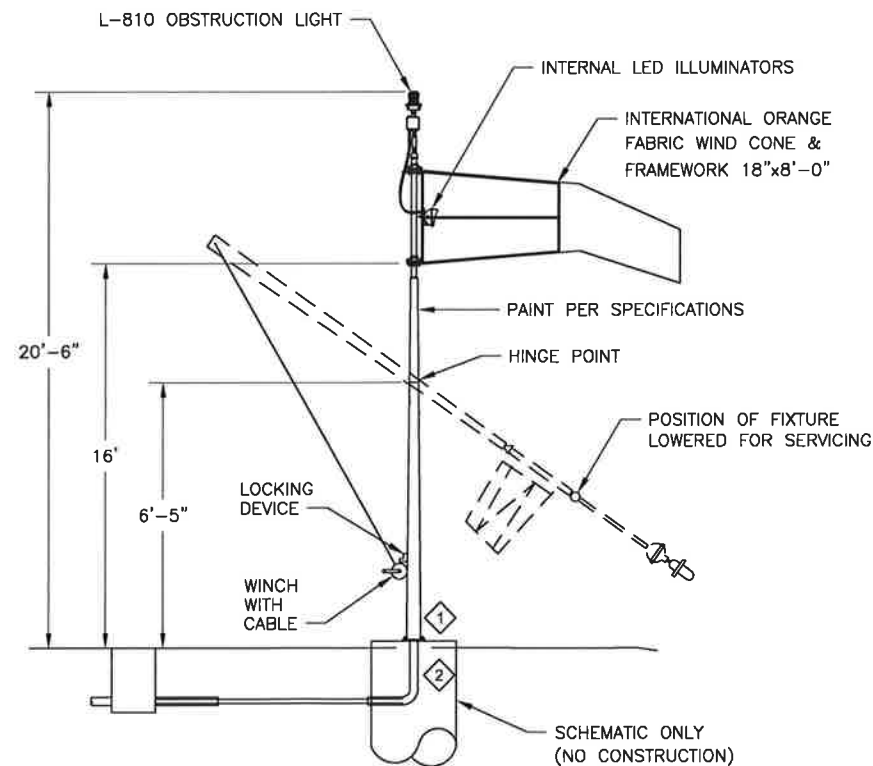


**2 WIND CONE POLE FOUNDATION DETAIL
(RE-USE EXISTING)**

(NOTE: SEGMENTED CIRCLE PANELS NOT SHOWN)



**EXISTING WIND CONE ASSEMBLY
(REMOVE AND SALVAGE)**



NEW WIND CONE ASSEMBLY

WIND CONE NOTES:

- FOR OTHER DETAILS OF EXISTING FOUNDATION—SEE AS-BUILT FOR PROJECT A.I.P. NO. 3-02-0279-01/65858 SHEET 21 OF 22.
- REMOVE EXISTING WIND CONE FROM FOUNDATION AND SALVAGE. DELIVER TO STEBBINS AIRPORT SREB BUILDING AND AS DIRECTED BY THE ENGINEER.
- NEW PRIMARY WIND CONE SHALL BE FAA TYPE L-807 NON-FRANGIBLE TIP-DOWN STRUCTURE, STYLE I-B INTERNALLY LIGHTED WITH SOCK AND L-810 OBSTRUCTION LIGHT WITH LIGHT-EMITTING DIODE LIGHTS, WINDCOSK SIZE 1 (18" DIA X 8' LONG, BOTTOM OF WIND SOCK 16 FEET MINIMUM ABOVE GRADE, POWER SUPPLY 6.6 AMP 3-STEP 5KV LIGHTING CIRCUIT).
- TYPE, SIZE AND POSITIONING OF ANCHOR BOLTS WITH ASSOCIATED HARDWARE SHALL BE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. ANCHOR BOLTS SHALL BE THREADED FOR NUTS ABOVE AND BELOW WIND CONE BASEPLATE AS INDICATED. CONDUIT SIZE AND POSITION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- ACCESS TO SREB/EEEB TO TEMPORARILY DISCONNECT POWER DURING CONSTRUCTION.
- MAKE ELECTRICAL CONNECTIONS AS REQUIRED BY THE WIND CONE MANUFACTURER TO PROVIDE POWER TO WIND CONE INTERNAL LIGHT AND OBSTRUCTION LIGHT.
- TEST NEW INSTALLATION PER SPECIFICATION L107-3.9.
- PROVIDE ONE (1) SPARE WIND CONE AND ONE (1) SPARE LED ILLUMINATOR OF EACH TYPE AND SIZE INSTALLED. DELIVER TO STEBBINS AIRPORT SREB, NOTIFY AIRPORT MANAGER (CURRENTLY AT UNALAKLEET, AK AIRPORT, SEE CONTRACT APPENDICES FOR CONTACT INFO).



1-22-21

STATE OF ALASKA
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SHEET: 7 of 7
 DATE: JAN 2021
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STEBBINS AIRPORT
 SEGMENTED CIRCLE
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 WIND CONE DETAIL-
 EXISTING AND NEW

NO.	DATE	REVISION