

Prescott Regional Airport
Ernest A. Love Field

**Taxiway C Relocation and
Hot Spot 3 & 4 Mitigation
No. 19607**



Pre-Bid Conference Agenda

Pre-Bid Conference Call Agenda
Thursday April 16, 2020 11:00 A.M.
Airport Administration Building

1. Pre-Bid Conference Call-In Info:

- a. Toll number: (480) 378-0989
- b. Conference ID: 810902575

2. Introductions

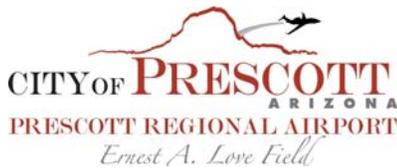
- a. Airport Staff:
 - Robin Sobotta, Ph.D., A.A.E. Airport Director
 - Kristi Miller Airport Management Analyst
 - Jeff Tripp, A.A.E. Airport Operations Superintendent
 - Doug Whitney Airport Operations Specialist
- b. Design Engineer (Dibble Engineering/CR Engineers):
 - Jared Bass, P.E. Sr. Project Manger
 - Cathy Alcorn, P.E. Electrical Project Manager/Engineer (CE Engineers)
- c. Construction Administrator
 - Dibble Engineering Construction Management
 - Dibble CM Construction Inspection (full-time)
 - CR Engineers Electrical Inspection

3. Bidding Process and Timeline

- a. Bid Documents Available (City of Prescott Website).....March 29, 2020
- b. Pre-Bid Conference Call..... April 16, 2020 - 11:00 a.m. (AZ)
- c. Written Questions submitted by..... April 22, 2020
- d. Latest Addendum Date April 24, 2020 (approx.)
- e. Bid Opening..... April 30, 2020 - 2:00PM
- f. Bid Format..... Unit Price
- g. Bid Price Hold..... 90 Calendar Days

It is anticipated that the FAA is working towards awarding both Bid Schedules based on the following construction cost estimates:

- Base Bid (Schedule I): \$3,900,000
- Add Alt No. 1 (Schedule II): \$9,500,000



Prescott Regional Airport
Ernest A. Love Field

***Taxiway C Relocation and
Hot Spot 3 & 4 Mitigation
No. 19607***



Pre-Bid Conference Agenda

4. Bid Bond

- a. A project Bid Bond of 10% of the total, combined project is required. Total, combined project means Base Bid (Schedule I) and Add Alt No. 1 (Schedule II).

5. Projects Overview

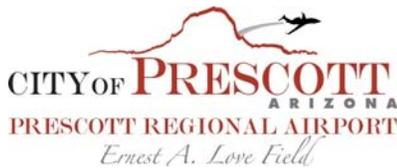
- a. Taxiway C Relocation and Hot Spot No. 3 & 4 Mitigation
 - i. FAA Funded (CARES ACT)
Grant is based on bids. The duration of the bid hold is to allow the FAA and City adequate time to review the bids, identify the apparent low-bidder and compile the apparent low bid with the design, construction administration and general administration costs, and obtain and accept the FAA grant.
 - ii. FAA General Provisions and Technical Specifications
 - iii. Relocation of Taxiway C
 - iv. Adjusting and upgrading lighting and signage along Taxiway C
 - v. Mitigating Hot spots 3 & 4

6. Project Detail – Taxiway C Relocation and Hot Spot No. 3 & 4 Mitigation. (Base Bid)

- a. Demolition of existing, variable depth taxiway pavement – 30,000 square yards
- b. Demolition of taxiway lights, signs and associated infrastructure
- c. Demolition of existing storm drain infrastructure
- d. Earthwork – 40,000 cubic yards (cut), 800 cubic yards (fill)
- e. New Asphalt Concrete (AC) Taxiway Pavement (FAA P-401) – 17,000 square yards
- f. New Asphalt Concrete (AC) Shoulder Pavement (FAA P-403) – 8,000 square yards
- g. New crushed Aggregate Base Course (ABC) (FAA P-209) – 24,000 square yards
- h. Lime-Treated Subgrade under structural taxiway pavement (FAA P-155) – 24,000 square yards
- i. New pavement markings (FAA P-620) – 13,000 square feet
- j. New LED taxiway lights, signs and associated infrastructure

7. Project Detail – Taxiway C Relocation and Hot Spot No. 3 & 4 Mitigation. (Add Alt No. 1)

- a. Demolition of existing, variable depth taxiway pavement – 75,000 square yards
- b. Demolition of taxiway lights, signs and associated infrastructure
- c. Demolition of existing storm drain infrastructure
- d. Earthwork – 80,000 cubic yards (cut), 50,000 cubic yards (fill)
- e. New Asphalt Concrete (AC) Taxiway Pavement (FAA P-401) – 54,000 square yards
- f. New Asphalt Concrete (AC) Shoulder Pavement (FAA P-403) – 27,000 square yards
- g. New crushed Aggregate Base Course (ABC) (FAA P-209) – 76,000 square yards
- h. Lime-Treated Subgrade under structural taxiway pavement (FAA P-155) – 76,000 square yards
- i. New pavement markings (FAA P-620) – 35,000 square feet



Prescott Regional Airport
Ernest A. Love Field

***Taxiway C Relocation and
Hot Spot 3 & 4 Mitigation
No. 19607***



Pre-Bid Conference Agenda

- j. New LED taxiway lights, signs and associated infrastructure
- k. New REILs on Runway 3L-21R (both ends)

8. Bid Schedule

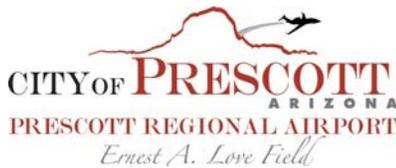
- a. Mobilization: Anything included over 4% of total bid schedule (at the time of bid) will be paid following substantial completion of the project. Addendum No. 1 (to be issued after the pre-bid conference call) will include a change to the C-105 specification to update this.

9. Contract Durations & Liquidated Damages

- a. Contract time – Base Bid: 103 calendar days
- b. Contract Time – Add Alt No. 1: 210 calendar days (if awarded). Furthermore, a winter break will be allowed between Base Bid and Add Alt No. 1 if needed.
- c. Liquidated Damages are identified in the following locations of the contract documents:
 - i. Construction Agreement, page CA-4.
 - ii. Federal General Provision 70-13, page GP-38.
 - iii. Federal General Provision 80-08, page GP-49.

10. Special Requirements

- a. Subcontractor List required with Bid, (Attachment D)
 - i. Bids will be considered non-responsive if list is not included in bid.
 - ii. Include the dollar amount to be performed by each subcontractor.
 - iii. Include both DBE and non-DBE subcontractors on this list and dollar amounts.
 - iv. Prime Contractor must self-perform at least 50%. (GP 80-01)
- b. DBE Goal – There is a DBE/SBA goal of 5.5% for this project. (Good Faith effort)
 - i. Submit Attachment A for each proposed DBE sub
 - 1. Separate forms required for Base Bid and Add Alt No. 1 amounts
 - ii. Submit Attachment B for any certified DBE's not enrolled in the Unified Certification Program.
 - iii. Submit Attachment C Demonstration of Good Faith Effort
 - iv. Submit Attachment D Subcontractor List
 - 1. Separate forms required for Base Bid and Add Alt No. 1
- c. FAA Grant Assurances
 - i. Labor Standard Requirements
 - 1. This is a Davis Bacon project and laborers and mechanics employed paid per Davis Bacon wage rate. (General Decision Number: AZ20200008, 01/03/2020)
 - 2. Time and ½ after 40 hours required
 - 3. Certified payroll reports required weekly



Prescott Regional Airport
Ernest A. Love Field
***Taxiway C Relocation and
Hot Spot 3 & 4 Mitigation
No. 19607***
Pre-Bid Conference Agenda



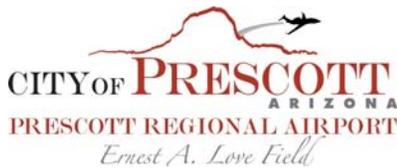
- ii. Storm Water Pollution Prevention (See Item P-156)
 - 1. Subject to the terms and conditions of the NPDES General Permit for Storm water discharges
 - 2. Best Management Practices (Stabilized const. entrances, catch basin inlet protection, silt fences, dams, straw bales, etc.)
 - 3. Offsite vehicle tracking
 - 4. SWPPP to be prepared by a civil engineer
 - 5. Notice of Intent (NOI) to be prepared and submitted to ADEQ
 - 6. Periodic inspections required
 - 7. Notice of Termination (NOT) at project completion
- d. General Contractor must hold a Class A License at time of Bid, and through the course of the project.
- e. Underground Utility Adjustment Bid Line Item: The engineer made extensive efforts to find all utilities and provide all utility information on the plans. Currently there is no utility found to be in conflict with the proposed project. However, if an unforeseen utility (wet/dry) is encountered and found to be in conflict with the current project, Bid Line Items have been provided to cover the cost of that item per linear foot. The contractor is to provide a cost per linear foot that will cover all work, materials, etc. to complete that item. Reference Special Provision Section 50.06.

11. Access, Staging and Storage

- a. Project Access: See attached Site and Phasing Plans.
- b. Staging and Storage Yard: See attached Site and Phasing Plans.

12. Airfield Safety and Security (Refer to Special Provisions Section 60)

- a. All construction is airside
- b. Personnel Badging
 - i. Can take up to 45 days
 - ii. Required prior to beginning work
 - iii. Refer to Special Provisions, Section 60.02
Section 60 has very specific information for this.
 - iv. Escort rules



Prescott Regional Airport
Ernest A. Love Field

***Taxiway C Relocation and
Hot Spot 3 & 4 Mitigation
No. 19607***



Pre-Bid Conference Agenda

Anyone regularly operating a vehicle airside, including equipment operators must be badged. While operating equipment, operators cannot escort other personnel. Delivery vehicles may be escorted.

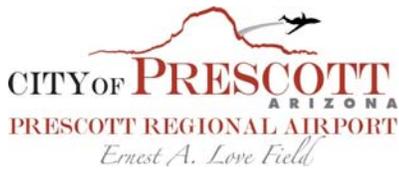
- c. Vehicle marking & signing
A vehicle will need a rotating beacon which can be used all day, or an orange and white checkered flag which is only good for daytime, not to be used during nighttime construction.
- d. Haul route & work zone barricading
- e. Crossing Guards are required when crossing active Taxiways (SP 60-03)
- f. Construction Phasing & Safety Plan
 - i. Responsibility for lighted X's/barricades
 - 1. Contractor will supply a single pair (2 total) of lighted X's the entire project.
 - 2. The airport will allow the Contractor to use their set of lighted X's when more than one runway is closed at a time.
 - 3. Contractor will maintain all lighted X's day and night.
- g. Construction Safety Plan Compliance Document
 - i. Contractor will be responsible for preparing and submitting the document showing their understanding and determination for implementing the plan.
- h. FOD – Foreign Object Debris must be kept off active operation areas.
Construction site, and the airfield in general, shall be kept clean of debris at all times.

13. General Construction Items

- a. Field Surveys
 - i. Refer to General Provision Section 50-06
- b. Quality Control Testing and Inspection
 - i. Provided by the Contractor as described in the Technical Specifications/Provisions — Contractor cannot rely upon Quality Assurance testing
 - ii. Refer to the Civil and Electrical Technical Specifications for required QC work.
- c. Acceptance Testing and Inspection
 - i. Construction Administration and Acceptance Testing by Dibble Engineering and an outside testing firm
 - ii. Refer to Technical Specification P-401 Acceptance Criteria in Sections 6.1 – 6.4
- d. Utility Location
 - i. Contractor responsibility to locate all utilities (Lump Sum pay item)
 - ii. Private utility locator

14. Miscellaneous

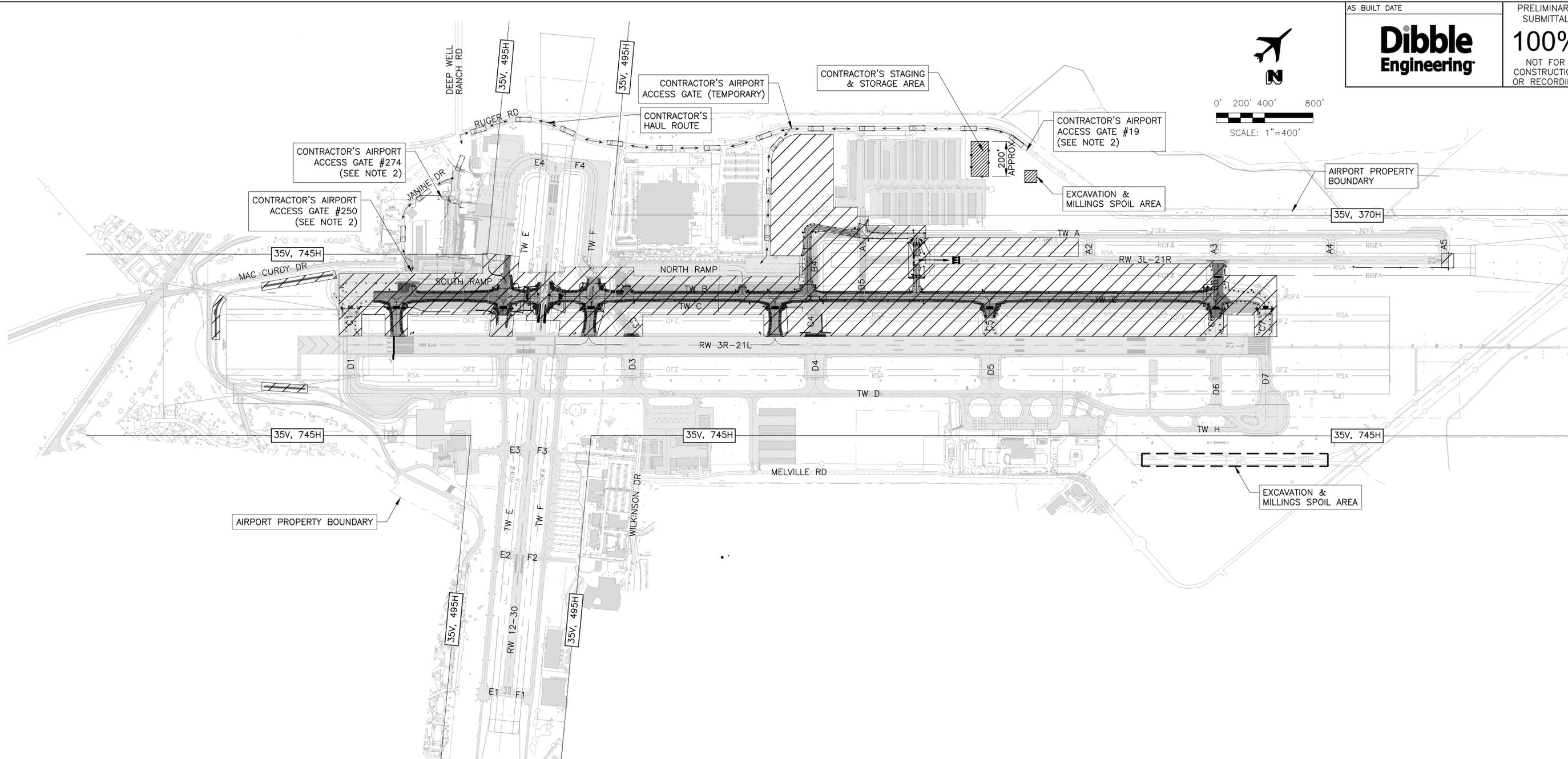
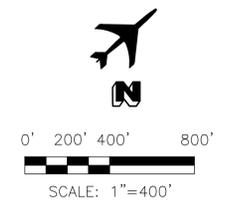
- a. Anyone regularly operating a vehicle airside, including equipment operators, must be badged. While operating equipment, operators cannot escort other personnel. Delivery vehicles may be escorted.



Prescott Regional Airport
Ernest A. Love Field
***Taxiway C Relocation and
Hot Spot 3 & 4 Mitigation
No. 19607***
Pre-Bid Conference Agenda



15. Bidders Questions



LEGEND:

CONTRACTOR'S STAGING & STORAGE AREA

CONTRACTOR'S HAUL ROUTE

THE 14 CFR PART 77 SAFE, EFFICIENT USE, AND PRESERVATION OF NAVIGABLE AIRSPACE ESTABLISHES SEVERAL IMAGINARY SURFACES THAT ARE USED AS A GUIDE TO PROVIDE A SAFE AND UNOBSTRUCTED OPERATING ENVIRONMENT FOR AVIATION. THE CFR PART 77 CONTOURS SHOWN ARE FOR INFORMATION PURPOSES ONLY AND DEPICT THE MAXIMUM ALLOWABLE VERTICAL HEIGHT (IN FEET, LABEL V) OF CONSTRUCTION EQUIPMENT ABOVE THE RUNWAY CENTERLINE ELEVATION AND HORIZONTAL DISTANCE (IN FEET, LABEL H) FROM THE RUNWAY CENTERLINE. THE CONTRACTOR'S EQUIPMENT SHALL REMAIN BELOW ALL CFR PART 77 SURFACES AT ALL TIMES, UNLESS APPROVED OTHERWISE BY ENGINEER.

PROJECT AREA

- GENERAL NOTES:**
1. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF HIS OWN EQUIPMENT. CONTRACTOR MAY INSTALL TEMPORARY FENCING AROUND THE CONTRACTOR STAGING AREAS AS SHOWN ON THIS SHEET AT HIS OWN EXPENSE. (NPI)
 2. CONTRACTOR SHALL PROTECT ALL HAUL ROAD ACCESS POINTS TO THE AIRFIELD FROM UNAUTHORIZED ENTRY. CONTRACTOR IS REQUIRED TO POST GATE GUARD(S) AT AIRFIELD ENTRY GATES DURING CONTRACTOR WORKING HOURS (IF LEFT OPEN OR UNLOCKED).
 3. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE INCIDENTAL GRADING & INFRASTRUCTURE NECESSARY FOR THE TEMPORARY HAUL ROADS. ANY DISTURBED AREA SHALL BE RETURNED TO A CONDITION THAT IS EQUAL TO OR BETTER THAN ITS ORIGINAL CONDITION, TO THE SATISFACTION OF THE AIRPORT.
 4. ANY NEW TEMPORARY CHAIN LINK FENCE OR GATE SHALL MATCH THE EXISTING CHAIN LINK FENCE AT THE AIRPORT INCLUDING BARBED WIRE.
 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION & REPAIR OF ALL DAMAGE TO EXISTING PAVEMENT USED FOR HAUL ROUTES BY CONSTRUCTION OR HAULING EQUIPMENT.
 6. THE HAUL ROUTE WITHIN THE AIR OPERATIONS AREA (AOA) IS SUBJECT TO CHANGE, AT THE OWNER'S DISCRETION, TO ACCOMMODATE AIRCRAFT MOVEMENTS.
 7. MILLINGS SHALL NOT BE STOCKPILED HIGHER THAN 4 FEET FROM THE EXISTING GROUND/GRADE, UNLESS APPROVED OTHERWISE BY ENGINEER OR AIRPORT DURING CONSTRUCTION PHASE.

REVISION	BY	DATE
CITY OF PRESCOTT PRESCOTT REGIONAL AIRPORT		
PRC PROJECT NO 19607		DIBBLE PROJECT NO 1018102.05
TAXIWAY C RELOCATION		
AIRPORT SITE PLAN		
DRN: TW/MS	DES: TCW	CK: MJB
DATE: 11/12/19	DATE: 11/12/19	DATE: 11/12/19
SCALE: 1" = 400'		EXHIBIT C



K:\2018\1018102.05_PRC_TW_C_RELOCATION\CAO_EXHIBIT\ENGINEERS_REPORT\18102_05-01_X_ER.DWG Mod: 12, 2020 12:16 PM

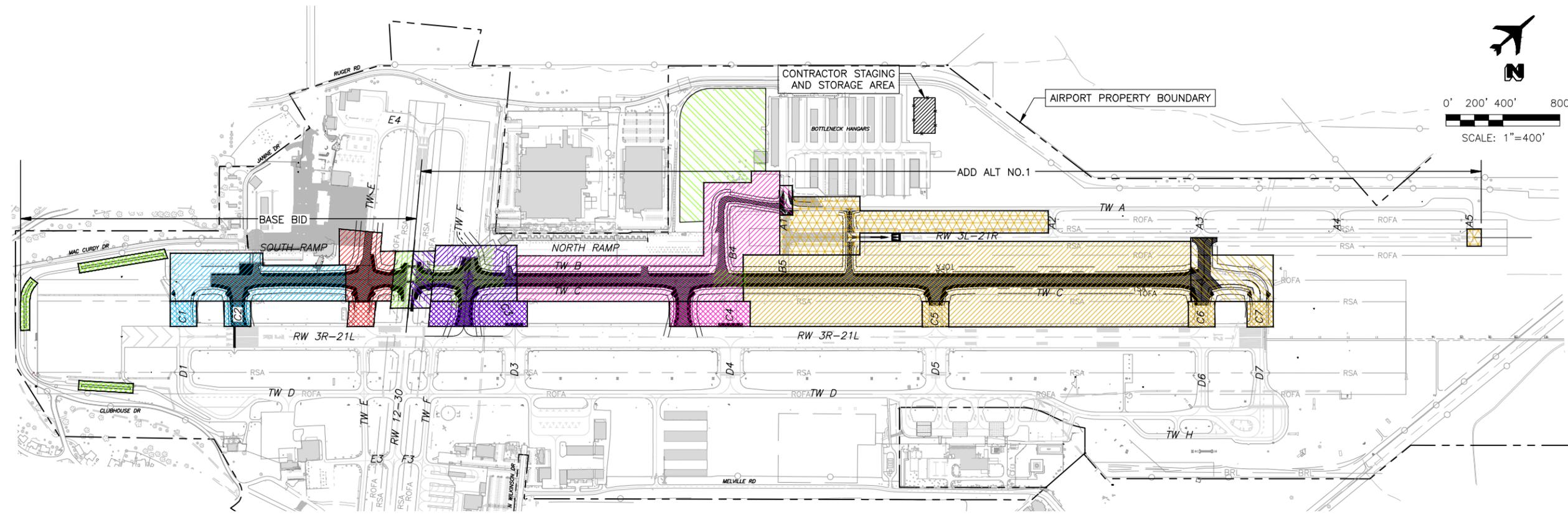
GENERAL NOTES

- CONSTRUCTION TRAFFIC SHALL YIELD TO AIRCRAFT TRAFFIC AT ALL TIMES.
- BARRICADE PLACEMENT AND PAVEMENT MARKING OBLITERATION MAY BE ADJUSTED AT THE DISCRETION OF THE CITY AND/OR AIRPORT STAFF TO ACCOMMODATE SPECIFIC AIRCRAFT MOVEMENT NEEDS.
- MAINTAIN ACCESS TO THE EXISTING TERMINAL AT ALL TIMES.
- ANTICIPATED CONSTRUCTION TIMEFRAME (IF AWARDED):

CONSTRUCTION NTP: AUG 1ST, 2020

BASE BID
 PHASE 1: AUG 3-31, 2020
 PHASE 2: SEP 1-29, 2020
 PHASE 3: SEP 30-NOV 14, 2020
 WINTER BREAK: NOV 15, 2020-FEB 28, 2021

ADD-ALT NO.1
 PHASE 4: MAR 1-MAY 30, 2021
 PHASE 5: MAY 31-JUL 30, 2021
 PHASE 6: JUL 31-SEP 29, 2021



LEGEND - BASE BID

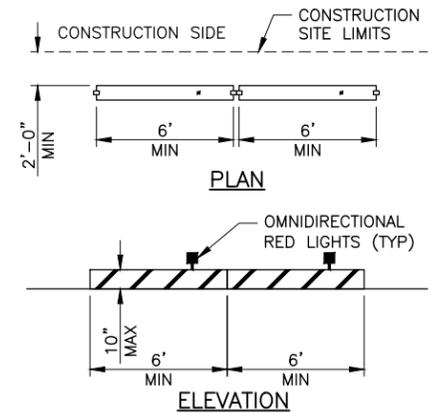
	PHASE 1A	(28 CAL. DAYS)
	PHASE 1B	(7 CAL. DAYS, CONCURRENT W/ PH. 1A)
	PHASE 1C	(65 CAL. DAYS, CONCURRENT W/ PHS. 1-3)
	PHASE 2A	(28 CAL. DAYS)
	PHASE 2B	(3 NIGHTS, CONCURRENT W/ PH. 2A)
	PHASE 3A	(45 CAL. DAYS)
	PHASE 3B	(10 NIGHTS, CONCURRENT W/ PH. 3A)

LEGEND - ADD ALT NO.1

	PHASE 4A	(90 CAL. DAYS)
	PHASE 4B	(7 NIGHTS, CONCURRENT W/ PH. 4A)
	PHASE 4C	(21 CAL. DAYS, CONCURRENT W/ PH. 4A)
	PHASE 4D	(28 CAL. DAYS, CONCURRENT W/ PH. 4A)
	PHASE 5A	(60 CAL. DAYS)
	PHASE 5B	(28 NIGHTS, CONCURRENT W/ PH. 5A)
	PHASE 5C	(21 CAL. DAYS, CONCURRENT W/ PH. 5A)
	PHASE 6A	(60 CAL. DAYS)
	PHASE 6B	(28 NIGHTS, CONCURRENT W/ PH. 6A)
	PHASE 6C	(21 CAL. DAYS, CONCURRENT W/ PH. 6A)

GENERAL PHASING NOTES

- PHASES 4B & 4D SHALL NOT OCCUR CONCURRENTLY.
- PHASES MUST BE CONSTRUCTED IN CHRONOLOGICAL ORDER.
- ALL LOW-PROFILE BARRICADES SHALL BE PLACED AT THE RESPECTIVE RSA BOUNDARY OR TOFA BOUNDARY, WHICHEVER GOVERNS.
- CONTRACTOR SHALL PROVIDE & MAINTAIN ONE SET OF LIGHTED X'S DURING THIS PROJECT. THE AIRPORT WILL PROVIDE A SECONDARY SET WHEN TWO RUNWAYS ARE CLOSED AT THE SAME TIME. BOTH SETS SHALL BE MAINTAINED BY THE CONTRACTOR WHEN USED.
- THERE WILL BE A WINTER BREAK IN CONSTRUCTION BETWEEN PHASE 3 AND PHASE 4 (IF ADD-ALT NO.1 IS AWARDED.)
- BLACK PAINT WILL BE USED TO COVER UP TAXIWAY CENTERLINES AND/OR LEAD-IN LINES TEMPORARILY. THIS EFFORT WILL BE COORDINATED WITH AIRPORT BEFORE THE START OF EACH PHASE. THE WORK AND MATERIALS REQUIRED FOR THIS ITEM SHALL BE CONSIDERED INCIDENTAL TO THE OVERALL PROJECT (NPI).



NOTES:

- LOW PROFILE BARRICADES AND LIGHTS SHALL BE PROVIDED AND MAINTAINED (DAY AND NIGHT) BY THE CONTRACTOR (NPI).
- THE OWNER MAY DIRECT THE CONTRACTOR TO RELOCATE ANY BARRICADES AT THEIR DISCRETION.

1 LOW PROFILE BARRICADES NTS

REVISION	BY	DATE
----------	----	------

CITY OF PRESCOTT
 PRESCOTT REGIONAL AIRPORT

PRC PROJECT NO 19607 | DIBBLE PROJECT NO 1018102.05

TAXIWAY C RELOCATION

OVERALL PHASING PLAN

DRN: TW/MS | DES: TCW | CK: MJB
 DATE: 11/12/19 | DATE: 11/12/19 | DATE: 11/12/19
 SCALE: 1" = 400'

