

TAXILANE PAVEMENT REHABILITATION

ADDENDUM NO. 1

BEGINNING OF ADDENDUM NO. 1

1. Work area along north end of hangar complex has been added to the project. Scope of work includes grinding / milling of existing surfacing (layered section of asphalt pavement over portland cement concrete) to facilitate construction of a 4-inch asphalt pavement overlay. Work is not complete removal of the section. Remaining portion to be protected in-place.
2. A new Technical Specification Section, Section 21 - Mill and Remove Surfacing, has been prepared. It is included in this addendum through reference here.
3. The Bid Schedule has been revised to reflect this additional work. Changes to the bid schedule include:
 - a. Bid quantity for Item 9, asphalt pavement, increased to now be 1,700 tons.
 - b. Bid Item 14 added to schedule: Grind and Remove Surfacing, with a quantity of 1,620.0 square feet
4. Drawing Sheet 3 of 7 has been revised, to reflect the removal of the top portion of the existing section through grinding / milling.
5. Drawing Sheet 4 of 7 has been revised, to reflect the asphalt pave back operation at the location of this new structure grinding / milling.

Bid Date and Time Remain Unchanged: **2:00 pm, Thursday, April 28, 2016**

Bidding Contractors must acknowledge receipt of this ADDENDUM in the appropriate blank on Page 11 of the contract specifications.

END OF ADDENDUM No. 1

/s/ Chris Hastert
General Manager

Attachments, Included in the Addendum through reference here (total of 4 pages):

- | | |
|---|----------|
| 1. Technical Section 21 - Mill and Remove Surfacing, Page 75A | (1 page) |
| 2. Revised Bid Schedule, Page 10 | (1 page) |
| 3. Revised Drawing Sheet 3 of 7. Location of surface grinding added. | (1 page) |
| 4. Revised Drawing Sheet 4 of 7. Location of asphalt pave back added. | (1 page) |

SECTION 21 – MILL AND REMOVE SURFACING

21-1. GENERAL

This item shall consist of removal of existing asphalt pavement surfacing and the top portion of portland cement concrete improvements, all considered as surfacing, to facilitate a hot-mix asphalt pave back of four (4) inches in compacted thickness.

21-2. CONSTRUCTION METHODS

- A. Through the use of a self-propelled grinder / milling machine, grind and remove the top four (4) inches of material, consisting of approximately 2 inches of hot mix asphalt pavement and 2 inches of portland cement concrete pavement.
- B. The ground surface shall be uniform and smooth to the level expected as reflected in the varying milling equipment, with the 4 inch dimension to the top of the ridge, not the bottom of the adjacent trough. The vertical surface irregularity shall not exceed $\frac{1}{4}$ inch, between ridge and adjacent trough.
- C. Ground / milled material shall be of uniform consistency, exhibiting a maximum particle dimension of 2-inches. Material shall be loaded into 10-wheel trucks, hauled to the identified stockpile area, and deposited.
- D. The surface shall be swept, washed, and blown clean as necessary to remove all loose material, dust, and residue.
- E. Contactor to preserve and protect the underlying portland cement concrete structure intended to remain in-place.

21-3. MEASUREMENT AND PAYMENT

Measurement for payment for grinding / milling of the surfacing shall be the number of square feet of existing surface acceptably milled / ground, as measured in the field. Payment for grinding / milling of the surfacing shall be at the bid item price per square foot for Bid Item No. 14, Grind and Remove Surfacing.

Payment as described for items successfully constructed shall be considered as full compensation for furnishing all tools, equipment, labor, materials, cast in components including the excavation, forming, backfilling and incidental work necessary to construct each item of work complete and in place. No additional measurement or payment for thickened edges, or for removal and disposal of excess concrete.

END OF SECTION

**BID SCHEDULE
FOR
TAXILANE PAVEMENT REHABILITATION
(Addendum No. 1)**

ITEM #	QTY	UNIT	ITEM DESCRIPTION	SPEC #	Unit Price (IN FIGURES)	TOTAL (IN FIGURES)
1	1.0	LS	Mobilization	12	\$	\$
2	1.0	LS	Safety and Security	11	\$	\$
3	3,630.0	LF	Sawcut	13	\$	\$
4	2,400.0	CY	Clearing, Grubbing, Demolition, and Removals	14	\$	\$
5	7,080.0	SY	Subgrade Preparation	15	\$	\$
6	6,880.0	SY	Subgrade Reinforcing Fabric	15	\$	\$
7	1.0	T&M	Environmental / Unsuitable Subgrade Allowance	15	\$ 30,000.00	\$ 30,000.00
8	3,480.0	TON	Aggregate Base	16	\$	\$
9	1,700.0	TON	Hot Mix Asphalt Concrete	18	\$	\$
10	180.0	SF	PC Concrete Valley Gutter	17	\$	\$
11	4,100.0	SF	Pavement Marking: Yellow – Reflective	19	\$	\$
12	12,750.0	SF	Pavement Marking: Black	19	\$	\$
13	1.0	LS	Construction Site Environmental Protection	20	\$	\$
14	1,620.0	SF	Grind and Remove Surfacing	21	\$	\$
TOTAL BID AMOUNT			(Written in Words)		\$ (Written in Figures)	

LS = Lump Sum
SY = Square Yard

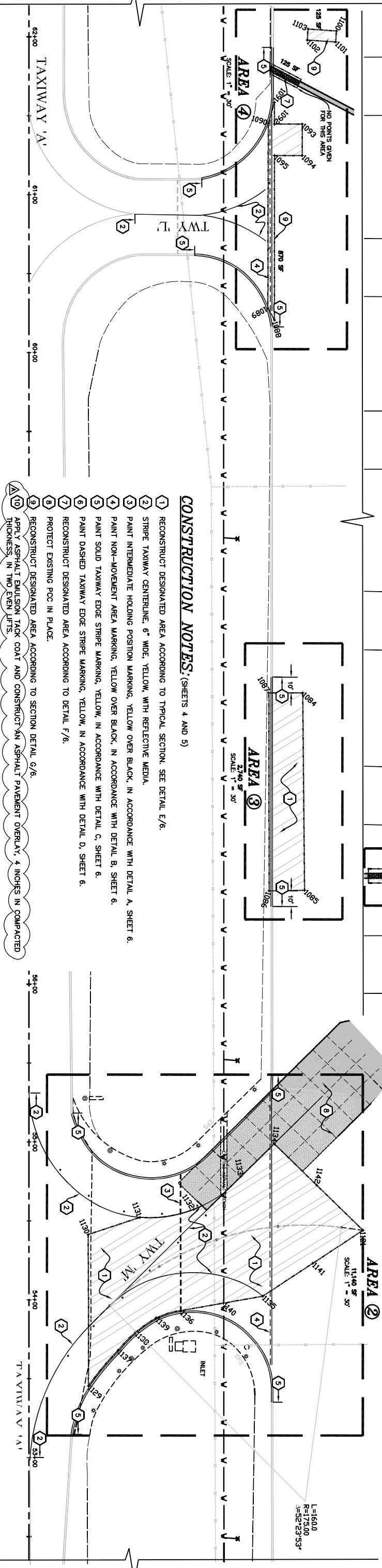
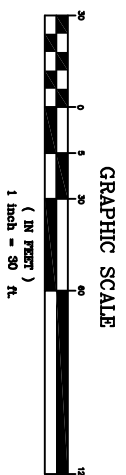
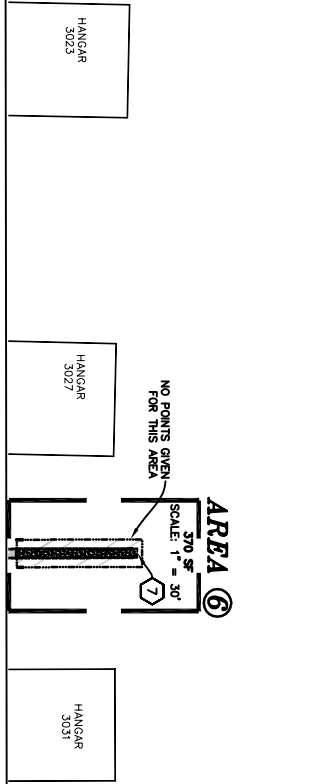
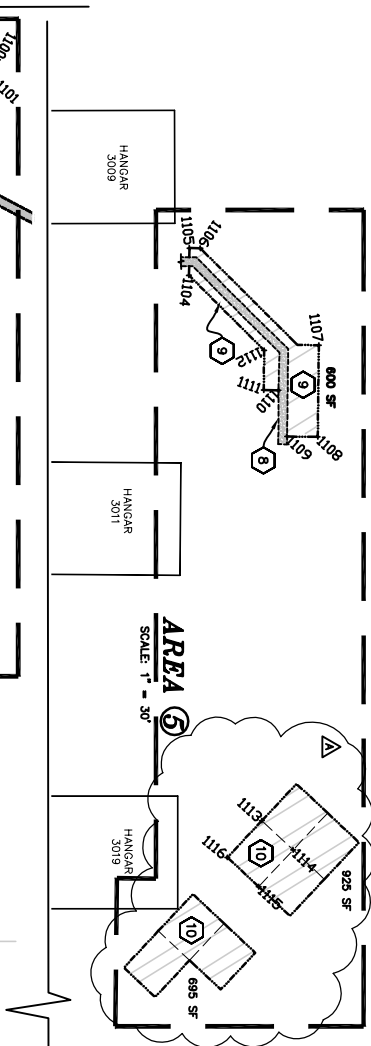
EA = Each
CY = Cubic Yard

SF = Square Foot
TON = Ton

LF = Lineal Feet
T&M = Time and Materials

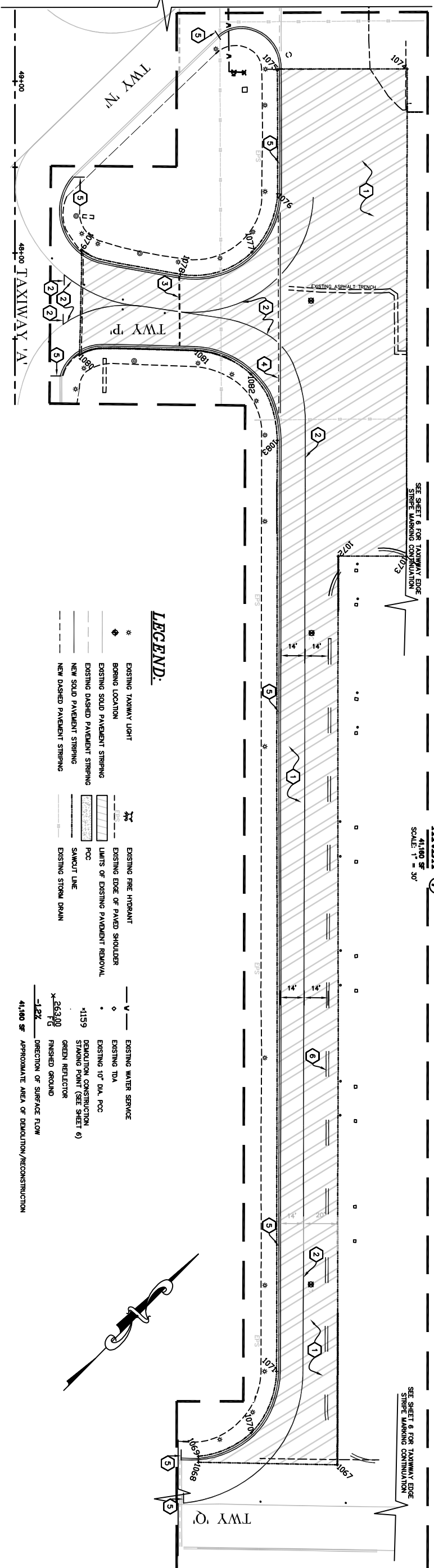
Total Bid Amount (written in figures): \$ _____.

Total Bid Amount (written in words), is _____ Dollars, and _____ Cents. In the event of discrepancy between unit pricing and total pricing, unit pricing shall prevail. In the event of discrepancy between words and figures, the words shall prevail.



CONSTRUCTION NOTES: (SHEETS 4 AND 5)

- 1 RECONSTRUCT DESIGNATED AREA ACCORDING TO TYPICAL SECTION. SEE DETAIL E/6.
- 2 STRIPE TAXIWAY CENTERLINE. 6" WIDE. YELLOW, WITH REFLECTIVE MEDIA.
- 3 PAINT INTERMEDIATE HOLDING POSITION MARKING, YELLOW OVER BLACK, IN ACCORDANCE WITH DETAIL A, SHEET 6.
- 4 PAINT NON-MOVEMENT AREA MARKING, YELLOW OVER BLACK, IN ACCORDANCE WITH DETAIL B, SHEET 6.
- 5 PAINT SOLID TAXIWAY EDGE STRIPE MARKING, YELLOW, IN ACCORDANCE WITH DETAIL C, SHEET 6.
- 6 PAINT DASHED TAXIWAY EDGE STRIPE MARKING, YELLOW, IN ACCORDANCE WITH DETAIL D, SHEET 6.
- 7 RECONSTRUCT DESIGNATED AREA ACCORDING TO DETAIL F/6.
- 8 PROTECT EXISTING PCC IN PLACE.
- 9 RECONSTRUCT DESIGNATED AREA ACCORDING TO SECTION DETAIL G/6.
- 10 APPLY ASPHALT EMULSION TACK COAT AND CONSTRUCT AN ASPHALT PAVEMENT OVERLAY, 4 INCHES IN COMPACTED THICKNESS, IN TWO EVEN LIFTS.



LEGEND:

- * EXISTING TAXIWAY LIGHT
- ◆ BORING LOCATION
- EXISTING SOLID PAVEMENT STRIPING
- EXISTING DASHED PAVEMENT STRIPING
- NEW SOLID PAVEMENT STRIPING
- NEW DASHED PAVEMENT STRIPING
- EXISTING FIRE HYDRANT
- EXISTING EDGE OF PAVED SHOULDER
- LIMITS OF EXISTING PAVEMENT REMOVAL
- PCC
- SAWCUT LINE
- EXISTING STORM DRAIN
- EXISTING WATER SERVICE
- ◆ EXISTING TDA
- ◆ EXISTING 10" DIA. PCC
- ◆ DEMOLITION CONSTRUCTION STAKING POINT (SEE SHEET 6)
- ◆ GREEN REFLECTOR
- ◆ FINISHED GROUND
- DIRECTION OF SURFACE FLOW
- APPROXIMATE AREA OF DEMOLITION/RECONSTRUCTION

UNDERGROUND SERVICE ALERT

DIAL 811

TWO WORKING DAYS BEFORE YOU DIG

TAXILANE PAVEMENT REHABILITATION

RECONSTRUCTION PLAN

REV.	DESCRIPTION	DATE	APP.
1	EXPAND LIMITS OF DEMOLITION AND RECONSTRUCT IN AREA 1	04/12/16	-

TARTAGLIA ENGINEERING

SANTA MARIA PUBLIC AIRPORT DISTRICT

DESIGN: JAS
DRAWN: AMR
CHECKED: JAS
SCALE: AS SHOWN
DWGNO: 14-31
DATE: 10/13/18
SHEET: 4 OF 7

