



REGISTRATION NO.
F-5713

RECORD DRAWINGS
03/10/2015

REV.	DATE	DESCRIPTION	BY



ADDISON AIRPORT
ADDISON, TEXAS

RUNWAY 33 RSA IMPROVEMENTS

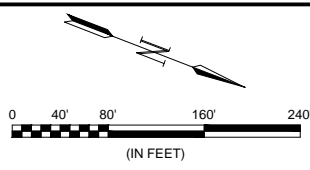
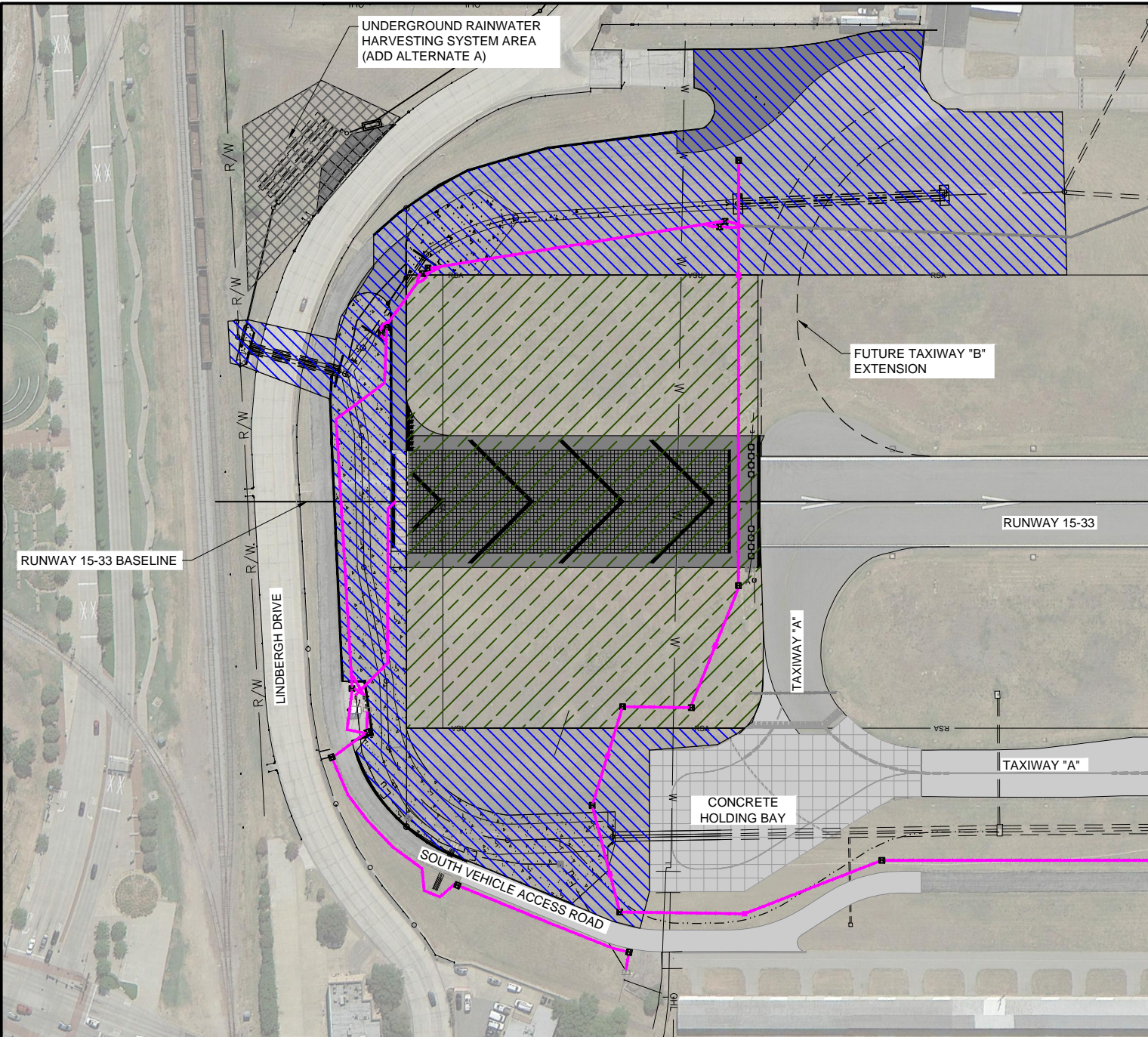
SUMMARY OF QUANTITIES

JOB NO.: 13081100
DATE: NOV. , 2013
DESIGNED BY: BCB
DRAWN BY: BCB

BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
G-103

SHEET NUMBER
3



BASE BID - RUNWAY 33 RSA CIVIL IMPROVEMENTS			
SPEC. NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY
SS-120-3.1	SITE PREPARATION	L.S.	100%
TX-247-6.1	FLEXIBLE BASE (COMPLETE IN PLACE), TYPE A, GRADE 1 (14")	S. Y.	6,388
TX-340-6.1	DENSE-GRADED HOT-MIX ASPHALT (METHOD), TYPE D	TON	1,580
D-705-5.1	HDPE PIPE (4" PERFORATED UNDERDRAIN)	L.F.	780
D-705-5.2	UNDERDRAIN CLEANOUT	EACH	2
P-152-4.1	UNCLASSIFIED EXCAVATION	C. Y.	13,127
P-152-4.2	ROCK EXCAVATION	C. Y.	1,000
P-152-4.3	SELECT FILL	C. Y.	5,395
P-155-5.1	TEMPORARY EROSION CONTROL	L.S.	100%
P-555-6.1	EMAS BLOCK INSTALLATION SERVICES	L.S.	100%
P-555-6.2	EMAS BLOCK INSTALLATION TIME OVERAGE	DAY	0
P-610-5.1	CONCRETE ANCHOR BEAM	L.F.	114
P-610-5.2	LOCALIZER FOUNDATION PROTECTION BEAM	L.F.	115
P-620-5.1	RUNWAY AND TAXIWAY PAINTING	S.F.	2,845
P-621-4.1	SAW-CUT GROOVING	S. Y.	410
T-904-5.1	SODDING	S. Y.	15,295
T-905-5.1	TOPSOILING, 4"	C. Y.	100

BASE BID - DRAINAGE IMPROVEMENTS			
SPEC. NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY
SS-120-3.2	LINDBERGH TRAFFIC CONTROL	L.S.	100%
SS-140-5.1	PAVEMENT REMOVAL, PORTLAND CEMENT CONCRETE	S. Y.	252
SS-140-5.2	PAVEMENT REMOVAL, ASPHALT	S. Y.	2,155
SS-140-5.3	CULVERT REMOVAL	L.F.	2,298
SS-140-5.4	LARGE DRAINAGE STRUCTURE REMOVAL	EACH	1
SS-140-5.5	HEADWALL REMOVAL (SMALL)	EACH	1
SS-140-5.6	HEADWALL REMOVAL (LARGE)	EACH	2
SS-281-5.1	FRANGIBLE BOLLARD AND CHAIN SYSTEM	L.S.	100%
TX-247-6.1	FLEXIBLE BASE (COMPLETE IN PLACE), TYPE A, GRADE 1 (14")	S. Y.	2,793
TX-340-6.1	DENSE-GRADED HOT-MIX ASPHALT (METHOD), TYPE D	TON	682
TX-360-6.1	PORTLAND CEMENT CONCRETE (8")	S. Y.	188
NCTCOG 305.1	CURB AND GUTTER	L.F.	1,147
D-752-5.1	3'x2' REINFORCED CONCRETE BOX CULVERT	L.F.	300
D-752-5.2	4'x2' REINFORCED CONCRETE BOX CULVERT	L.F.	100
D-752-5.3	5'x2' REINFORCED CONCRETE BOX CULVERT	L.F.	456
D-752-5.4	CONCRETE HEADWALL TYPE PW-2	S.F.	662
D-752-5.5	CONCRETE HEADWALL TYPE CH-FW-0 (2-48" RCP)	EACH	1
D-754-5.1	CONCRETE SLOPE PROTECTION	S. Y.	7,592
P-152-4.1	UNCLASSIFIED EXCAVATION	C. Y.	10,142
P-152-4.2	ROCK EXCAVATION	C. Y.	1,800
T-904-5.1	SODDING	S. Y.	14,138
T-905-5.1	TOPSOILING, 4"	C. Y.	250

BASE BID - WATER LINE IMPROVEMENTS			
SPEC. NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY
SS-120-3.3	SITE PREPARATION (WATER LINE)	L.S.	100%
SS-140-5.9	PVC WATER LINE REMOVAL	L.F.	625
NCTCOG 502.6	8" GATE VALVES	EACH	2
NCTCOG 506.9	8" WATER LINE (PVC C-900)	L.F.	625
NCTCOG 503.2	18" STEEL PIPE CASING	L.F.	170

BASE BID - ELECTRICAL IMPROVEMENTS			
SPEC. NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY
SS-300-5.1	LOCKOUT/TAGOUT AND CONSTANT CURRENT REGULATOR CALIBRATION PROCEDURES	L.S.	100%
SS-310-5.1	EXISTING BASE MOUNTED EDGE LIGHT, REMOVED	EACH	16
SS-310-5.2	L-862E BASE MOUNTED RUNWAY END LIGHT, RELOCATED	EACH	8
SS-310-5.3	L-861T BASE MOUNTED TAXIWAY EDGE LIGHT, RELOCATED	EACH	1
SS-310-5.4	FIELD LIGHTNING ARRESTOR, INSTALLED	EACH	1
SS-310-5.5	TEMPORARY AIRFIELD LIGHTING MODIFICATION OF PREFABRICATED LOCALIZER SHELTER BUILDING EQUIPMENT IN PLACE	L.S.	100%
L-108-5.1	NO. 8 AWG, 5kV, L-824C CABLE, INSTALLED IN TRENCH, DUCT BANK, OR CONDUIT	L.F.	350
L-108-5.2	NO. 6 AWG SOLID, BARE COUNTERPOISE WIRE, INSTALLED IN TRENCH, ABOVE THE DUCT BANK OR CONDUIT, INCLUDING GROUND RODS AND GROUND CONNECTORS	L.F.	150
L-108-5.3	NO. 10 AWG STRANDED, BARE COUNTERPOISE WIRE, INSTALLED IN TRENCH, ABOVE THE DUCT BANK OR CONDUIT, INCLUDING GROUND RODS AND GROUND CONNECTORS	L.F.	1,700
L-108-5.4	NO. 6 AWG STRANDED, 600V WIRE, INSTALLED IN TRENCH, DUCT BANK OR CONDUIT	L.F.	2,800
L-108-5.5	12 PAIR, NO. 19 AWG, SHIELDED CABLE, INSTALLED IN TRENCH, DUCT BANK, OR CONDUIT	L.F.	250
L-108-5.6	25 PAIR, NO. 19 AWG, SHIELDED CABLE, INSTALLED IN TRENCH, DUCT BANK, OR CONDUIT	L.F.	1,050
L-108-5.7	1/2" LDF4-50A HELIAX CABLE, INSTALLED IN TRENCH DUCT BANK OR CONDUIT	L.F.	1,300
L-108-5.8	NO. 8 AWG 5kV, SHIELDED CABLE, INSTALLED IN TRENCH, DUCT BANK OR CONDUIT	L.F.	4,200
L-110-5.1	NON-ENCASED, ELECTRICAL CONDUIT, 1-WAY 2" C	L.F.	40
L-110-5.2	CONCRETE ENCASED, ELECTRICAL DUCT BANK, 1-WAY 2" C	L.F.	150
L-110-5.3	NON-ENCASED, ELECTRICAL CONDUIT, 1-WAY 4" C WITH 24" MINIMUM COVER	L.F.	1,450
L-110-5.4	CONCRETE ENCASED, ELECTRICAL CONDUIT, 1-WAY 4" C WITH 24" MINIMUM COVER	L.F.	200
L-110-5.5	FAA-STYLE, NON-ENCASED, ELECTRICAL CONDUIT, 1-WAY 4" C WITH 30" MINIMUM COVER	L.F.	450
L-110-5.6	FAA-STYLE, CONCRETE ENCASED, ELECTRICAL DUCT BANK, 1-WAY 4" C WITH 30" MINIMUM COVER	L.F.	100
L-110-5.7	FAA-STYLE, NON-ENCASED, ELECTRICAL DUCT BANK, 4-WAY 4" C WITH 30" MINIMUM COVER	L.F.	700
L-110-5.8	FAA-STYLE, CONCRETE ENCASED, ELECTRICAL DUCT BANK, 4-WAY 4" C WITH 30" MINIMUM COVER	L.F.	450
L-110-5.9	NON-ENCASED, ELECTRICAL DUCT BANK, 4-WAY 4" C, REMOVED	L.F.	250
L-115-5.1	EXISTING ELECTRICAL HANDHOLE, DEMOLISHED	EACH	3
L-115-5.2	PRECAST CONCRETE ELECTRICAL HANDHOLE, INTERIOR DIMENSIONS 2L x 3W x 3D, INSTALLED	EACH	7
L-115-5.3	FAA-STYLE, PRECAST CONCRETE ELECTRICAL HANDHOLE, INTERIOR DIMENSIONS 3L x 3W x 3D, INSTALLED	EACH	12

ADD ALTERNATE A - RAINWATER HARVESTING SYSTEM			
SPEC. NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY
SS-120-3.4	RAINWATER HARVESTING TRAFFIC CONTROL	L.S.	100%
SS-140-3.1	PAVEMENT REMOVAL, PORTLAND CEMENT CONCRETE	S. Y.	22
SS-290-5.1	PRE-TREATMENT MANHOLE	EACH	1
SS-290-5.2	48" HDPE CISTERN	L.F.	110
SS-290-5.3	PUMP SYSTEM, CONTROLS AND MANHOLE	EACH	1
SS-300-5.2	RAINWATER HARVESTING ELECTRICAL SERVICE	L.S.	100%
SS-300-5.3	ELECTRIC UTILITY COORDINATION ALLOWANCE	L.S.	100%
TX-247-6.1	FLEXIBLE BASE (COMPLETE IN PLACE), TYPE A, GRADE 1 (14")	S. Y.	327
TX-360-6.1	PORTLAND CEMENT CONCRETE (8")	S. Y.	263
NCTCOG 506.9	12" PVC C-900	L.F.	172
D-752-5.6	26"x26" PRECAST CATCH BASIN	EACH	1
P-152-4.4	EMBANKMENT	C. Y.	252
T-904-5.1	SODDING	S. Y.	700

LEGEND

- RUNWAY 33 RSA IMPROVEMENTS (BASE BID)
- DRAINAGE IMPROVEMENTS (BASE BID)
- RAINWATER HARVESTING (ADD ALTERNATE A)
- PROPOSED ELECTRICAL CABLE
- PROPOSED WATER LINE

- GENERAL NOTES:**
- ALL TEMPORARY EROSION CONTROL WILL BE PAID FOR UNDER BASE BID - RUNWAY 33 RSA IMPROVEMENTS.
 - ALL PAVEMENT MARKING SHALL BE PAID FOR WITHIN BASE BID - RUNWAY 33 RSA CIVIL IMPROVEMENTS.

EARTHWORK		
DESCRIPTION	CUT (C.Y.)	FILL (C.Y.)
RUNWAY 33 RSA IMPROVEMENTS (BASE BID)	13127	1139
DRAINAGE IMPROVEMENTS (BASE BID)	10142	1713
RAINWATER HARVESTING (ADD ALTERNATE A)	88	252
TOTAL	23357	3104

- NOTE:**
- SEE SHEETS C-212 AND C-213 FOR WATERLINE IMPROVEMENTS AND DETAILS.
 - SEE SHEETS E-001 - E-306 FOR ELECTRICAL IMPROVEMENTS AND DETAILS.

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