



City of Phoenix

Street Transportation Department
200 West Washington Street, 6th Floor
Phoenix, Arizona 85003-1611

PROJECT NO.: AV41000075 – 1 FAA
Phoenix-Goodyear Airport (GYR)
Taxiway A Rehabilitation and Strengthening

ADDENDUM NO. 1 June 15, 2018

The following revisions to the specifications shall become a part of the above-numbered contract documents:

SPECIFICATIONS

1. **G.W.D.** Delete the General Wage Decision (GWD) pages provided as part of the issued for bid specifications and replace with the attached GWD pages dated 05/11/2018 (Addendum No. 1 Attachment 1).
2. **Bid Proposal.** The attached proposal sheets revised 6/15/2018, supersede proposal sheets contained in the specification book and must be completed, affixed in place, and submitted with the bid (Addendum No.1 Attachment 2).
3. **Item Special Provisions (SP-17.0) Soil Stabilizer and Dust Control Agent.** Add the following paragraphs to the Technical Special Provisions:

17.0 MILLINGS PLACEMENT AND SOIL STABILIZER AND DUST CONTROL AGENT

In addition to the dust control measures specified and paid for under Items P-156 (A) Temporary Air and Water Pollution Control, Soil Erosion and Siltation Control, M-003 Airport Safety and Security, the Construction Safety and Phasing Plan (CSPP) and the various earthwork related items including but not limited to P-104, P-151, P-152, P-209, P-401 and P-501, the Contractor shall place an approved soil stabilizer and dust control agent on all surplus material placed on site in order to control dust and stabilize the placed material.

Millings placed to control dust and for erosion control shall be treated with diluted Bituminous Tack Coat (CSS-1) applied in one coats at 0.20 gallons per square yard. In addition, the surface on which millings are being placed shall be treated with a pre and post emergent Soil Sterilizer applied at rates recommended by the Sterilizer manufacturer.

For estimating purposes, the area of rolled millings is expected to be applied at a compacted nominal depth of 2" to 2.5" and cover an area of approximately 85,000 SY based on the estimated cubic yards of pavement being milled. An additional 17,000 gallons of diluted emulsified asphalt has been added to Bid Item 24 to account for applying one coat of Bituminous Tack to the millings at 0.20 gallons (diluted) per square yard.



Surplus material placed on site shall be treated with a Soil Stabilizer and Dust Control Agent manufactured to abate and control dust, provide air quality control, desertification prevention, dune stabilization, dust abatement, dust control, erosion control, serve as a hydro-mulch or hydro-seed tackifier, road and sand stabilization, soil binder, soil crusting agent, stockpile capping, provide a surface wear course and wind erosion control. The Soil Stabilizer and Dust Control agent shall be approved by the Engineer prior to placement on site. The material shall be placed on all graded surplus material placed on site during construction in order to control dust and stabilize the placed material. The soil stabilizer and dust control agent shall be applied at the rate specified by the manufacture. For estimating purposes, there is approximately 22,000 CY of material to be placed on site. Assuming 12" lifts are placed and compacted, approximately 65,000 SY of soil will be compacted and treated with a Soil Stabilizer and Dust Control Agent.

Measurement and Payment.

A. Millings Placement: Millings placement shall be measured by the square yard of asphalt millings placed at a 2" to 2.5" compacted depth which price and payment shall be full payment for preparing the surface on which millings are to be placed including grading, compaction and application of pre and post emergent soil sterilant; and the placement and compaction of millings to the specified depth. The diluted Tack Oil applied shall be measured separately and paid for under Bid Item 24 Bituminous Tack Coat.

Payment will be made under:

Item SP-17.1 Asphalt Millings Placement – per Square Yard

B. Soil Stabilizer and Dust Control Agent: Application of a Soil Stabilizer and Dust Control Agent to surplus excavated material shall be measured by the square yard of surplus excavated material treated, which price and payment shall be full payment for applying the Soil Stabilizer on compacted surplus material. The cost of transporting the Surplus to material to its final location on the airport and spreading, grading and compacting the surplus material will be paid for under the appropriate earthwork excavation item.

Payment will be made under:

Item SP-17.2 Soil Stabilizer and Dust Control Agent – per Square Yard

4. **Item P-401 Hot Mix Asphalt (HMA) Pavements.** The HMA Leveling Course is an allowance item. Change 401-8.1.b in the Method of Payment section to read:

b. Payment for a lot of **Hot Mix Asphalt Leveling Course** meeting all acceptance criteria as specified in paragraph 401-5.4 shall be made based on results of tests for air voids. Payment for acceptable lots shall be adjusted according to paragraph 401-8.1 a (1) air voids, subject to the limitation that the total project payment for bituminous leveling course shall not exceed 100 percent of the product of the contract unit price of leveling course used in the accepted work (See Note 1 under Table 6). *The unit price used for payment shall be determined by Change Order following award of the contract based on the unit prices bid for Item P-401-8.1, Item P-401-8.2 and the approved Job Mix Formula for HMA Leveling Course.*

5. **Item P-603 Bituminous Tack Coat.** Under Basis of Payment revise the Bid Item to read:

Item P-603-5.1 Bituminous Tack Coat (Diluted) – per Gallon

6. **Item L-108 Underground Power Cable for Airports.** The page numbers in Item L-108 are incorrectly designated Page L-110-1 thru Page L-110-14. Change the Page numbers to read: *Page L-108-1 thru Page L-108-14.*

7. **Item L-110 Runway and Taxiway Marking.** Change Item L-110-5.13 from "Extend Existing 4-2" Conduit, Slurry Encase and cap, Install New Duct Marker – Per Linear Foot" to "Extend Existing 4-2" Conduit 25', Slurry Encase and cap, Install New Duct Marker" – Per Each"

PLANS

1. Delete sheet EA507 from the As Bid Set of construction drawings and replace with the following revised sheet dated 06/15/2018: EA507 of Addendum No. 1, attached. This plan sheet revises Section Detail C to include placement of P-610 instead of P-606 material for the placement of conduit for the electrical retrofit. (Addendum No. 1 Attachment 3).

CLARIFICATION OF PRE-BID QUESTIONS

Q1: There is approximately 22,000 CY of native material that will be removed as part of this project. Where shall it be placed on the airfield?

A1: All excavated material will be placed on the airfield and location of material placement will be finalized during construction.

Q2: Why is the P-401 oil broken out as a separate payment item?

A2: The Owner wants to approve the % of binder in the job mix formula and adjust % of binder as needed based on field results. Contractor is paid for binder used and does not have to include contingencies for % of binder in unit price.

Q3: Does the construction schedule allow time for the removal of lead paint?

A3: The construction schedule does not allow for time for paint removal. Prior to the start of construction the City of Phoenix will coordinate the testing of paint to determine if lead is present. If lead is determined to be present, the City will coordinate the removal the paint so that it does not interfere with the proposed construction schedule.

Q4: Is there a bid item for the placement of temporary paint after the lead paint is removed?

A4: The bid proposal does not include a line item and the contract does not require the Contractor to place temporary taxiway paint after the removal of any lead paint. The City of Phoenix will coordinate the placement of temporary paint as needed after any paint removal prior to the start of construction.

END OF ADDENDUM NO. 1

Attachments

1. Updated General Wage Decision (Davis Bacon Wages)
2. Updated Bid Proposal Sheets
3. Revised Sheet EA504

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General Decision Number: AZ180008 05/11/2018 AZ8

Superseded General Decision Number: AZ20170008

State: Arizona

Construction Type: Highway

Counties: Coconino, Maricopa, Mohave, Pima, Pinal, Yavapai
and Yuma Counties in Arizona.

HIGHWAY CONSTRUCTION PROJECTS

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.35 for calendar year 2018 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.35 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2018. The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/05/2018
1	05/11/2018

CARP0408-005 07/01/2016

	Rates	Fringes
CARPENTER (Including Cement Form Work).....	\$ 25.48	11.54

ENGI0428-001 06/01/2017

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
Group 1.....	\$ 24.09	10.52
Group 2.....	\$ 27.36	10.52
Group 3.....	\$ 28.44	10.52
Group 4.....	\$ 29.47	10.52

POWER EQUIPMENT OPERATORS CLASSIFICATIONS:

GROUP 1: A-frame boom truck, air compressor, Beltcrete, boring bridge and texture, brakeman, concrete mixer (skip type), conductor, conveyor, cross timing and pipe float, curing machine, dinky (under 20 tons), elevator hoist (Husky and similar), firemen, forklift, generator (all), handler, highline cableway signalman, hydrographic mulcher, joint inserter, jumbo finishing machine, Kolman belt loader, machine conveyor, multiple power concrete saw, pavement breaker, power grizzly, pressure grout machine, pump, self-propelled chip spreading machine, slurry seal machine (Moto paver driver), small self-propelled compactor (with blade-backfill, ditch operation), straw blower, tractor (wheel type), tripper, tugger (single drum), welding machine, winch truck

GROUP 2:

ALL COUNTIES INCLUDING MARICOPA: Aggregate Plant, Asphalt plant Mixer, Bee Gee, Boring Machine, Concrete Pump, Concrete Mechanical Tamping-Spreading Finishing Machine, Concrete Batch Plant, Concrete Mixer (paving & mobile), Elevating Grader (except as otherwise classified), Field Equipment Serviceman, Locomotive Engineer (including Dinky 20 tons & over), Moto-Paver, Oiler-Driver, Operating Engineer Rigger, Power Jumbo Form Setter, Road Oil Mixing Machine, Self-Propelled Compactor (with blade-grade operation), Slip Form (power driven lifting device for concrete forms), Soil Cement Road Mixing Machine, Pipe-Wrapping & Cleaning Machine (stationary or traveling), Surface Heater & Planer, Trenching Machine, Tugger (2 or more drums).

MARICOPA COUNTY ONLY: Backhoe < 1 cu yd, Motor Grader (rough), Scraper (pneumatic tired), Roller (all types asphalt), Screed, Skip Loader (all types 3<6 cu yd), Tractor (dozer, pusher-all).

GROUP 3:

ALL COUNTIES INCLUDING MARICOPA: Auto Grade Machine, Barge, Boring Machine (including Mole, Badger & similar type directional/horizontal), Crane (crawler & pneumatic 15>100 tons), Crawler type Tractor with boom attachment & slope bar, Derrick, Gradall, Heavy Duty Mechanic-Welder, Helicopter Hoist or Pilot, Highline Cableway, Mechanical Hoist, Mucking Machine, Overhead Crane, Pile Driver Engineer (portable, stationary or skid), Power Driven Ditch Lining or Ditch Trimming Machine, Remote Control Earth Moving Machine, Slip Form Paving Machine (including Gunnert, Zimmerman & similar types), Tower Crane or similar type.

MARICOPA COUNTY ONLY: Backhoe<10 cu yd, Clamshell < 10 cu yd, Concrete Pump (truck mounted with boom only), Dragline <10 cu yd, Grade Checker, Motor Grader (finish-any type power blade), Shovel < 10 cu yd.

GROUP 4: Backhoe 10 cu yd and over, Clamshell 10 cu yd and over, Crane (pneumatic or crawler 100 tons & over), Dragline 10 cu yd and over, Shovel 10 cu yd and over.

All Operators, Oilers, and Motor Crane Drivers on equipment with Booms, except concrete pumping truck booms, including Jibs, shall receive \$0.01 per hour per foot over 80 ft in addition to regular rate of pay

Premium pay for performing hazardous waste removal \$0.50 per hour over base rate.

IRON0075-004 08/01/2017

COCONINO, MARICOPA, MOHAVE, YAVAPAI & YUMA COUNTIES

	Rates	Fringes
Ironworker, Rebar.....	\$ 26.00	18.85

- Zone 1: 0 to 50 miles from City Hall in Phoenix or Tucson
- Zone 2: 050 to 100 miles - Add \$4.00
- Zone 3: 100 to 150 miles - Add \$5.00
- Zone 4: 150 miles & over - Add \$6.50

LABO0383-002 06/01/2017

	Rates	Fringes
Laborers:		
Group 1.....	\$ 17.93	5.01
Group 2.....	\$ 18.83	5.01
Group 3.....	\$ 19.53	5.01
Group 4.....	\$ 20.47	5.01
Group 5.....	\$ 21.33	5.01

LABORERS CLASSIFICATIONS:

GROUP 1: All Counties: Chipper, Rip Rap Stoneman. Pinal County Only: General/Cleanup Laborer. Maricopa County Only: Flagger.

GROUP 2: Asphalt Laborer (Shoveling-excluding Asphalt Raker or Ironer), Bander, Cement Mason Tender, Concrete Mucker, Cutting Torch Operator, Fine Grader, Guinea Chaser, Power Type Concrete Buggy

GROUP 3: Chain Saw, Concrete Small Tools, Concrete Vibrating Machine, Cribber & Shorer (except tunnel), Hydraulic Jacks and similar tools, Operator and Tender of Pneumatic and Electric Tools (not herein separately classified), Pipe Caulker and Back-Up Man-Pipeline, Pipe Wrapper, Pneumatic Gopher, Pre-Cast Manhole Erector, Rigger and Signal Man-Pipeline

GROUP 4: Air and Water Washout Nozzleman; Bio-Filter, Pressman, Installer, Operator; Scaffold Laborer; Chuck Tender; Concrete Cutting Torch; Gunite; Hand-Guided Trencher; Jackhammer and/or Pavement Breaker; Scaler (using boson's chair or safety belt); Tamper (mechanical all types).

GROUP 5: AC Dumpman, Asbestos Abatement, Asphalt Raker II, Drill Doctor/Air Tool Repairman, Hazardous Waste Removal, Lead Abatement, Lead Pipeman, Process Piping Installer, Scaler (Driller), Pest Technician/Weed Control, Scissor Lift, Hydro Mobile Scaffold Builder.

* PAIN0086-001 04/01/2017

	Rates	Fringes
PAINTER		
PAINTER (Yavapai County only), SAND BLASTER/WATER BLASTER (all Counties).....	\$ 19.58	6.40
ZONE PAY: More than 100 miles from Old Phoenix Courthouse \$3.50 additional per hour.		

SUAZ2009-001 04/20/2009

	Rates	Fringes
CEMENT MASON.....	\$ 19.28	3.99
ELECTRICIAN.....	\$ 22.84	6.48
IRONWORKER (Rebar)		
Pima County.....	\$ 23.17	14.83
Pinal County.....	\$ 20.27	8.35
LABORER		
Asphalt Raker.....	\$ 15.49	3.49
Compaction Tool Operator.....	\$ 14.59	2.91
Concrete Worker.....	\$ 13.55	3.20
Concrete/Asphalt Saw.....	\$ 13.95	2.58
Driller-Core, diamond, wagon, air track.....	\$ 16.94	3.12
Dumpman Spotter.....	\$ 14.99	3.16
Fence Builder.....	\$ 13.28	2.99
Flagger		
Coconino, Mohave, Pima, Pinal, Yavapai & Yuma.....	\$ 12.35	1.59
Formsetter.....	\$ 16.09	3.97
General/Cleanup Laborer		
Coconino, Maricopa, Mohave, Pima, Yavapai & Yuma.....	\$ 14.54	3.49
Grade Setter (Pipeline).....	\$ 17.83	5.45
Guard Rail Installer.....	\$ 13.28	2.99
Landscape Laborer.....	\$ 11.39	
Landscape Sprinkler Installer.....	\$ 15.27	
Pipelayer.....	\$ 14.81	2.96
Powderman, Hydrasonic.....	\$ 16.39	2.58
OPERATOR: Power Equipment		
Asphalt Laydown Machine.....	\$ 21.19	6.05
Backhoe < 1 cu yd		
Coconino, Mohave, Pima, Pinal, Yavapai & Yuma.....	\$ 17.37	3.85
Backhoe < 10 cu yd		
Coconino, Mohave, Pima, Pinal, Yavapai & Yuma.....	\$ 18.72	3.59
Clamshell < 10 cu yd		
Coconino, Mohave, Pima, Pinal, Yavapai & Yuma.....	\$ 18.72	3.59
Concrete Pump (Truck Mounted with boom only)		
Coconino, Mohave, Pima, Pinal, Yavapai & Yuma.....	\$ 19.92	7.10
Crane (under 15 tons).....	\$ 21.35	7.36
Dragline (up to 10 cu yd)		
Coconino, Mohave, Pima, Pinal, Yavapai & Yuma.....	\$ 18.72	3.59

Drilling Machine (including Water Wells).....	\$ 20.58	5.65
Grade Checker		
Coconino, Mohave, Pima, Pinal, Yavapai & Yuma.....	\$ 16.04	3.68
Hydrographic Seeder.....	\$ 15.88	7.67
Mass Excavator.....	\$ 20.97	4.28
Milling Machine/Rotomill.....	\$ 21.42	7.45
Motor Grader (Finish-any type power blade)		
Coconino, Mohave, Pima, Pinal, Yavapai & Yuma.....	\$ 21.92	4.66
Motor Grader (Rough)		
Coconino, Mohave, Pima, Pinal, Yavapai & Yuma.....	\$ 20.07	4.13
Oiler.....	\$ 18.15	8.24
Power Sweeper.....	\$ 16.76	4.44
Roller (all types Asphalt)		
Coconino, Mohave, Pima, Pinal, Yavapai & Yuma.....	\$ 18.27	3.99
Roller (excluding asphalt).....	\$ 15.65	3.32
Scraper (pneumatic tired)		
Coconino, Mohave, Pima, Pinal, Yavapai & Yuma.....	\$ 17.69	3.45
Screed		
Coconino, Mohave, Pima, Pinal, Yavapai & Yuma.....	\$ 17.54	3.72
Shovel < 10 cu yd		
Coconino, Mohave, Pima, Pinal, Yavapai & Yuma.....	\$ 18.72	3.59
Skip Loader (all types <3 cu yd).....	\$ 18.28	5.30
Skip Loader (all types 3 < 6 cu yd)		
Coconino, Mohave, Pima, Pinal, Yavapai & Yuma.....	\$ 18.64	4.86
Skip Loader (all types 6 < 10 cu yd).....	\$ 20.15	4.52
Tractor (dozer, pusher - all)		
Coconino, Mohave, Pima, Pinal, Yavapai & Yuma.....	\$ 17.26	2.65
 PAINTER		
Coconino, Maricopa, Mohave, Pima, Pinal & Yuma.....	\$ 15.57	3.92
 TRUCK DRIVER		
2 or 3 Axle Dump or Flatrack.....	\$ 16.27	3.30
5 Axle Dump or Flatrack.....	\$ 13.97	2.89
6 Axle Dump or Flatrack (< 16 cu yd).....	\$ 17.79	6.42
Belly Dump.....	\$ 14.67	
Oil Tanker Bootman.....	\$ 22.03	
Self-Propelled Street Sweeper.....	\$ 13.11	5.48
Water Truck 2500 < 3900 gallons.....	\$ 18.14	4.55
Water Truck 3900 gallons and over.....	\$ 15.92	3.33
Water Truck under 2500 gallons.....	\$ 15.94	4.16

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic

violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
 Wage and Hour Division
 U.S. Department of Labor
 200 Constitution Avenue, N.W.
 Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
 U.S. Department of Labor
 200 Constitution Avenue, N.W.
 Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
 U.S. Department of Labor
 200 Constitution Avenue, N.W.
 Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

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Goodyear TW A Rehabilitation and Strengthening

Addendum No. 1 Quantities

AV 41000075-1FAA

ITEM NO.	SPEC	DESCRIPTION	EST. QUANTITY	UNIT	Unit Cost	Total Cost
1	M-001-3.1	Mobilization/Demobilization (Maximum 5%)	1	LS		
2	M-002-4.1	Engineer's Field Offices and Concrete Curing and Testing Facility	1	LS		
3	M-003-8.1	Airport Safety and Security	1	LS		
4	P-100-3.1	Contractor Quality Control	1	LS		
5	P-100-3.2	Construction Staking	1	LS		
6	P-104-6.1	Mill and Remove Asphalt Concrete, 2-Inch Depth	69,458	SY		
7	P-104-6.2	Mill and Remove Asphalt Concrete, 8" ± (Full depth)	3,637	SY		
8	P-104-6.3	Saw Cut Portland Cement Concrete Full Depth (8" ±Depth)	330	LF		
9	P-104-6.4	Saw Cut Portland Cement Concrete for Electrical Retrofit	500	LF		
10	P-104-6.5	Remove Portland Cement Concrete (8" ± depth)	690	SY		
11	P-104-6.6	Saw Cut Asphalt Concrete Full Depth (8" ±)	1,150	LF		

Goodyear TW A Rehabilitation and Strengthening

Addendum No. 1 Quantities

AV 41000075-1FAA

ITEM NO.	SPEC	DESCRIPTION	EST. QUANTITY	UNIT	Unit Cost	Total Cost
12	P-151	Clearing and Grubbing	Incidental			
13	P-152-6.1	Subgrade Preparation Under New AC TW (12-inch Depth)	7,300	SY		
14	P-152-6.2	Subgrade Preparation Under AC Shoulders (6-inch Depth)	37,257	SY		
15	P-152-6.3	Unclassified Excavation	22,332	CY		
16	P-153	Controlled Low Strength Material (CLSM)	Incidental			
17	P-156(A)-6.1	Stormwater Pollution Prevention	1	LS		
18	P-209-6.1	Crushed Aggregate Base Course (12.5 inch)	37,257	SY		
19	P-209-6.2	Crushed Aggregate Base Course (16 inch)	7,300	SY		
20	P-401-8.1	3/4" HMA Taxiway Overlay and Shoulder & Taxiway Surface Course	24,328	TN		
21	P-401-8.2	PG 70-10 Asphalt Material	1,583	TN		
22	P-401-8.3	HMA Leveling Course including PG 70-10 (Allowance)	1	AL	\$115,300.00	\$115,300.00

Goodyear TW A Rehabilitation and Strengthening

Addendum No. 1 Quantities

AV 41000075-1FAA

ITEM NO.	SPEC	DESCRIPTION	EST. QUANTITY	UNIT	Unit Cost	Total Cost
23	P-501-8.1	PCC Pavement Repair Allowance	1	AL	\$5,000.00	\$5,000.00
24	P-603-5.1	Bituminous Tack Coat (Diluted)	29,000	GAL		
25	P-604	Compression Joint Seal for Concrete Pavement	Incidental			
26	P-605(A)-5.1	PCCP to Asphalt Pavement Edge Sealing	780	LF		
27	P-606	Adhesive Compounds Tow Component For Sealing Wire & Lights in Pavement	Incidental			
28	P-610	Structural Portland Cement Concrete	Incidental			
29	P-620-6.1	Temporary Airfield Pavement Marking Yellow (50% Application Rate)	8,250	SF		
30	P-620-6.2	Airfield Pavement Marking, Yellow	30,150	SF		
31	P-620-6.3	Airfield Pavement Marking, White	1,000	SF		
32	P-620-6.4	Airfield Pavement Marking, Black	32,770	SF		
33	P-620-6.5	Airfield Pavement Marking, Red	6,150	SF		

Goodyear TW A Rehabilitation and Strengthening

Addendum No. 1 Quantities

AV 41000075-1FAA

ITEM NO.	SPEC	DESCRIPTION	EST. QUANTITY	UNIT	Unit Cost	Total Cost
34	P-620(A)-5.1	Removal of Existing Airfield Markings	3,500	SF		
35	P-620(A)-5.2	Pavement Repair Allowance	1	AI	\$5,000.00	\$5,000.00
36	U-200-6.1	Underground Utility Location Allowance	1	AL	\$20,000.00	\$20,000.00
37	L-100-5.1	Remove and Salvage In-Pavement Taxiway Centerline Light and Flange, Install Temporary Steel Cover on Existing Base	81	EA		
38	L-100-5.2	Excavate and Remove Existing Pull Box	2	EA		
39	L-100-5.3	Excavate and Remove Existing Conduit and Conductor	4,318	LF		
40	L-100-5.4	Remove Existing Conductor to Nearest HH/Base Can, Conduit to Remain (Approx. 2897 LF)	1	LS		
41	L-100-5.5	Remove Sign Base	2	EA		
42	L-100-5.6	Remove and Salvage Elevated Taxiway Edge Light and Transformer, Demolish Base Can	44	EA		
43	L-100-5.7	Remove and Salvage In-Pavement Taxiway Edge Light and Transformer, Demolish Base Can	3	EA		
44	L-100-5.8	Remove and Salvage Elevated Runway Guard Light and Transformer, Demolish Base Can	2	EA		

Goodyear TW A Rehabilitation and Strengthening

Addendum No. 1 Quantities

AV 41000075-1FAA

ITEM NO.	SPEC	DESCRIPTION	EST. QUANTITY	UNIT	Unit Cost	Total Cost
45	L-100-5.9	Excavate and Remove Existing Handhole and Reconnect Remaining Conduits	11	EA		
46	L-100-5.10	Remove and Salvage Taxiway Guidance Sign and Isolation Transformer, Demolish Sign Base	7	EA		
47	L-100-5.11	Remove and Salvage Existing Non Lit Sign	1	EA		
48	L-100-5.12	Remove Existing Hand Hole Lid	1	EA		
49	L-100-5.13	Remove and Salvage In-Pavement Taxiway Edge Light, Install Permanent Steel Cover on Existing Base	6	EA		
50	L-100-5.14	Remove and Salvage Taxiway Guidance Sign and Isolation Transformer, Sign Base to Remain	1	EA		
51	L-100-5.15	Remove and Salvage In-Pavement Taxiway Edge Light, Fill with Concrete and Install Steel Cover	2	EA		
52	L-100-5.16	Remove and Salvage Existing Sign. Reinstall Upon Construction Phase Completion.	2	EA		
53	L-100-5.17	Provide Temporary Airfield Power Cable Jumpers and Cover Signs as Required (Approx. 2500 LF)	1	LS		
54	L-108-5.1	L-824, Type C, 2/C #8 AWG, 5kV Cable w/ #6 Ground	16,196	LF		
55	L-108-5.2	L-824, Type C, 1/C #8 AWG, 5kV Cable w/ #6 Ground	298	LF		

Goodyear TW A Rehabilitation and Strengthening

Addendum No. 1 Quantities

AV 41000075-1FAA

ITEM NO.	SPEC	DESCRIPTION	EST. QUANTITY	UNIT	Unit Cost	Total Cost
56	L-110-5.1	Single-way (1) - 2" Conduit, Slurry Encased	4,565	LF		
57	L-110-5.2	Multiple-way (2) - 2" Conduit, Slurry Encased	190	LF		
58	L-110-5.3	Single-way (1) - 2" Conduit, Concrete Encased	150	LF		
59	L-110-5.4	Multiple-way (2) - 4" Conduit, Concrete Encased	270	LF		
60	L-110-5.5	Multiple-way (2) - 4" Conduit, Concrete Encased (Retrofit in Existing Full Strength Concrete Pavement)	200	LF		
61	L-110-5.6	Single-way (1)- 2" Conduit, Concrete Encased (Retrofit in Existing Full Strength Concrete Pavement)	775	LF		
62	L-110-5.7	Multiple-way (2)- 2" Conduit, Concrete Encased (Retrofit in Existing Full Strength Concrete Pavement)	235	LF		
63	L-110-5.8	Single-way (1)- 2" Conduit, Concrete Encased (Retrofit in Existing Asphalt)	105	LF		
64	L-110-5.9	Multiple-way (2) - 4" Conduit and 2-2" Conduit, Concrete Encased	125	LF		
65	L-110-5.10	Multiple-way (2) - 4" Conduit and 2-2" Conduit, Slurry Encased	60	LF		
66	L-110-5.11	Multiple-way (4) - 2" Directional Bore Concrete Encased	370	LF		

Goodyear TW A Rehabilitation and Strengthening

Addendum No. 1 Quantities

AV 41000075-1FAA

ITEM NO.	SPEC	DESCRIPTION	EST. QUANTITY	UNIT	Unit Cost	Total Cost
67	L-110-5-12	Multiple-way (2) - 2" Conduit, Concrete Encased	145	LF		
68	L-110-5-13	Extend Existing 4-2" Conduits 25' Slurry Encased and Cap, Install New Duct Marker	10	EA		
69	L-115-5.1	New Handhole, Type I, Air Craft Rated (4'x4'x4') Furnished and Installed with Aircraft Rated Lid	6	EA		
70	L-115-5.2	New Handhole, Type 1, Aircraft Rated (4'x4'x4') Furnished and Installed with Aircraft Rated Lid (Retrofit in Existing Full Strength Concrete Pavement)	2	EA		
71	L-115-5.3	Replace Handhole Lid and Top Section (4' x 4') with New Aircraft Rated Lid	1	EA		
72	L-115-5.4	Install RGL Circuit Isolation Boxes and Conduit in New Handhole	2	EA		
73	L-804(L)-4.1	Re-Install Salvaged L-804(L) Elevated Runway Guard Light and Transformer on New L-867 Base Can	2	EA		
74	L-852(L)-4.1	Re-Install Salvaged L-852T(L) In-Pavement Taxiway Edge Light and Isolation Transformer on New Shallow L-868 Base Can (Retrofit in Existing Full Strength Concrete Pavement)	8	EA		
75	L-852(L)-4.2	Re-Install Salvaged L-852A(L) LED In-Pavement Taxiway Centerline Light and Isolation Transformer on Existing Base Can with 1" Spacer Ring and New Bolts	73	EA		
76	L-852(L)-4.3	Re-Install Salvaged L-852D(L) LED In-Pavement Taxiway Centerline Light and Isolation Transformer on Existing Base Can with New Bolts	4	EA		

Goodyear TW A Rehabilitation and Strengthening

Addendum No. 1 Quantities

AV 41000075-1FAA

ITEM NO.	SPEC	DESCRIPTION	EST. QUANTITY	UNIT	Unit Cost	Total Cost
77	L-852(L)-4.4	New L-852A(L) LED In-Pavement Taxiway Centerline Light and Isolation Transformer on New L-868 Base Can (Retrofit in Existing Asphalt)	2	EA		
78	L-852(L)-4.5	Re-Install Salvaged L-852B(L) LED In-Pavement Taxiway Centerline Light and Isolation Transformer on Existing Base Can with New Bolts	4	EA		
79	L-852(L)-4.6	New L-852T(L) In-Pavement Taxiway Edge Light and Isolation Transformer on New Shallow L-868 Base Can (Retrofit in Existing Full Strength Concrete Pavement)	4	EA		
80	L-852(L)-4.7	L-852T(L) In-Pavement Taxiway Edge Light and Isolation Transformer - Spares	1	EA		
81	L-852(L)-4.8	L-852A(L) LED In-Pavement Taxiway Centerline Light and Isolation Transformer - Spares	1	EA		
82	L-858(L)-5.1	New Size 2 Sign Panels and Face Insert Channels Installed in Existing Sign	3	EA		
83	L-858(L)-5.2	Re-Install Salvaged L-858 Size 2, 3 Module Guidance Sign and Transformer With New Panels and Face Insert Channels on New Sign Base	5	EA		
84	L-858(L)-5.3	New Size 2 L-858(L) LED 3-Module Guidance Sign and Isolation Transformer, on New Concrete Base	1	EA		
85	L-858(L)-5.4	New Size 2 L-858(L) LED 3 Module Airfield Guidance Sign with New Shallow Transformer Housing (Retrofit in Existing Full Strength Concrete Pavement)	1	EA		
86	L-858(L)-5.5	Re-Install Salvaged 3 Module Airfield Guidance Sign with New Shallow Transformer Housing (Retrofit in Existing Full Strength Concrete Pavement)	1	EA		

Goodyear TW A Rehabilitation and Strengthening

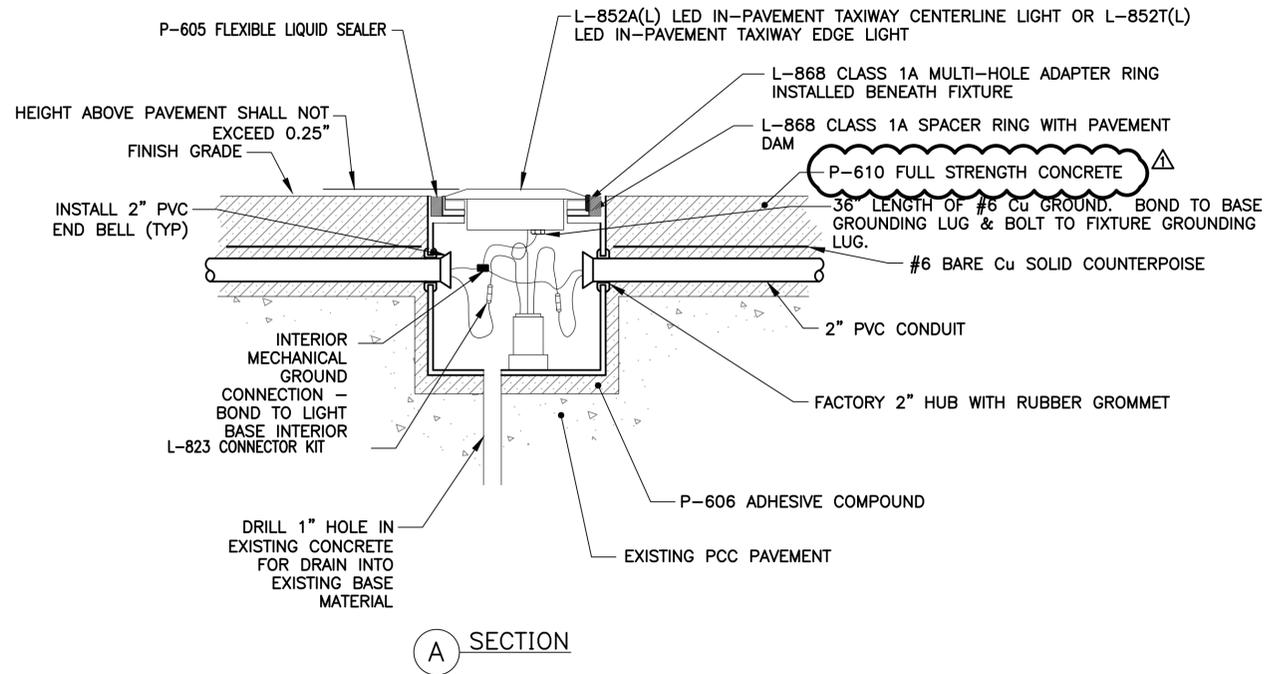
Addendum No. 1 Quantities

AV 41000075-1FAA

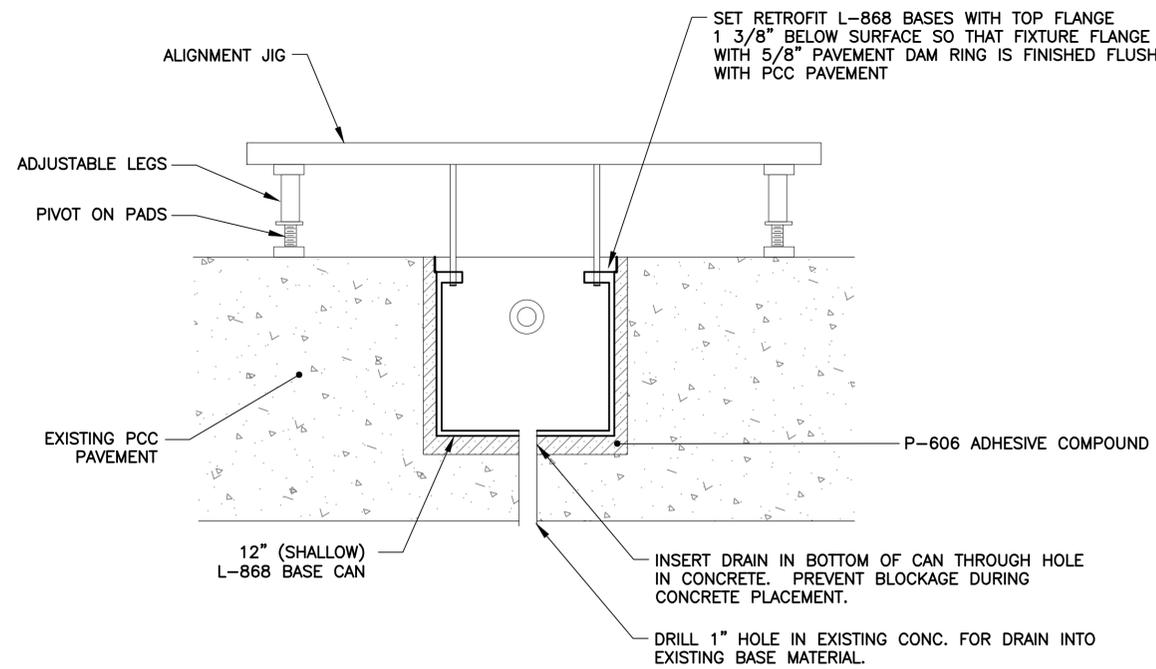
ITEM NO.	SPEC	DESCRIPTION	EST. QUANTITY	UNIT	Unit Cost	Total Cost
87	L-858(L)-5.6	Re-Install Salvaged 3 Module Airfield Guidance Sign with New Sign Panels and Face Insert Channels on New Shallow Transformer Housing (Retrofit in Existing Full Strength Concrete Pavement)	1	EA		
88	L-858(L)-5.7	Re-Install Unlit Sign	1	EA		
89	L-861T-4.1	Re-Install Salvaged Elevated L-861T(L) Taxiway Edge Light and Isolation Transformer on New L-867 Base Can	36	EA		
90	L-861T-4.2	New Elevated L-861T(L) LED Taxiway Edge Light and Isolation Transformer on New L-867 Base Can	16	EA		
91	L-861T-4.3	Elevated L-861T(L) LED Taxiway Edge Light (with Stem and Frangible Coupling) and Isolation Transformer - Spares	2	EA		
92	L-867/868-5.1	L-868 Spacer Rings / Base Can Extension Package (73 - 1", 37 - 1/2", 37 - 1/4", 37 - 1/8")	1	LS		
93	L-867/868-5.2	New L-867E (24" Dia) Junction Can with Blank Cover Installed	2	EA		
94	SP-14.1	Relocation of Existing Utilities, Grade Adjustments on Monitoring Wells and Unforeseen Electrical Conditions	1	AL	\$10,000.00	\$10,000.00
95	SP-17.1A	Asphalt Millings Placement	85,000	SY		
96	SP-17.1B	Soil Stabilizer and Dust Control Agent	65,000	SY		

TOTAL BASE BID (ITEMS 1 THROUGH 96, INCLUSIVE)	
_____ & /100 DOLLARS	

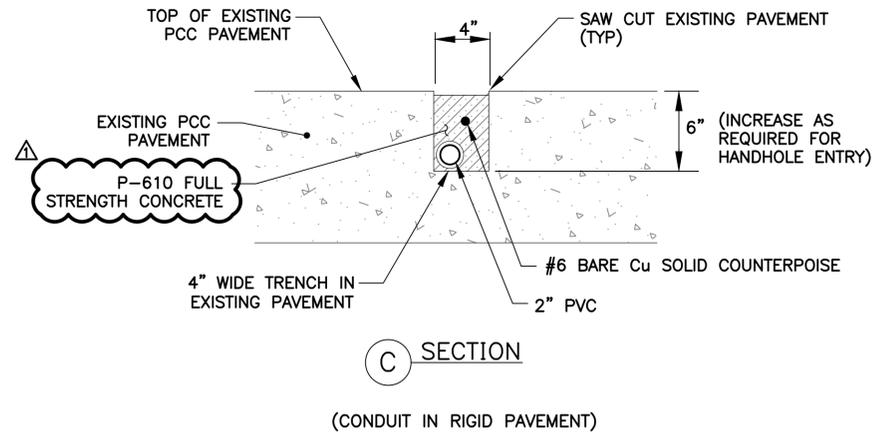
Written Words



(A) SECTION

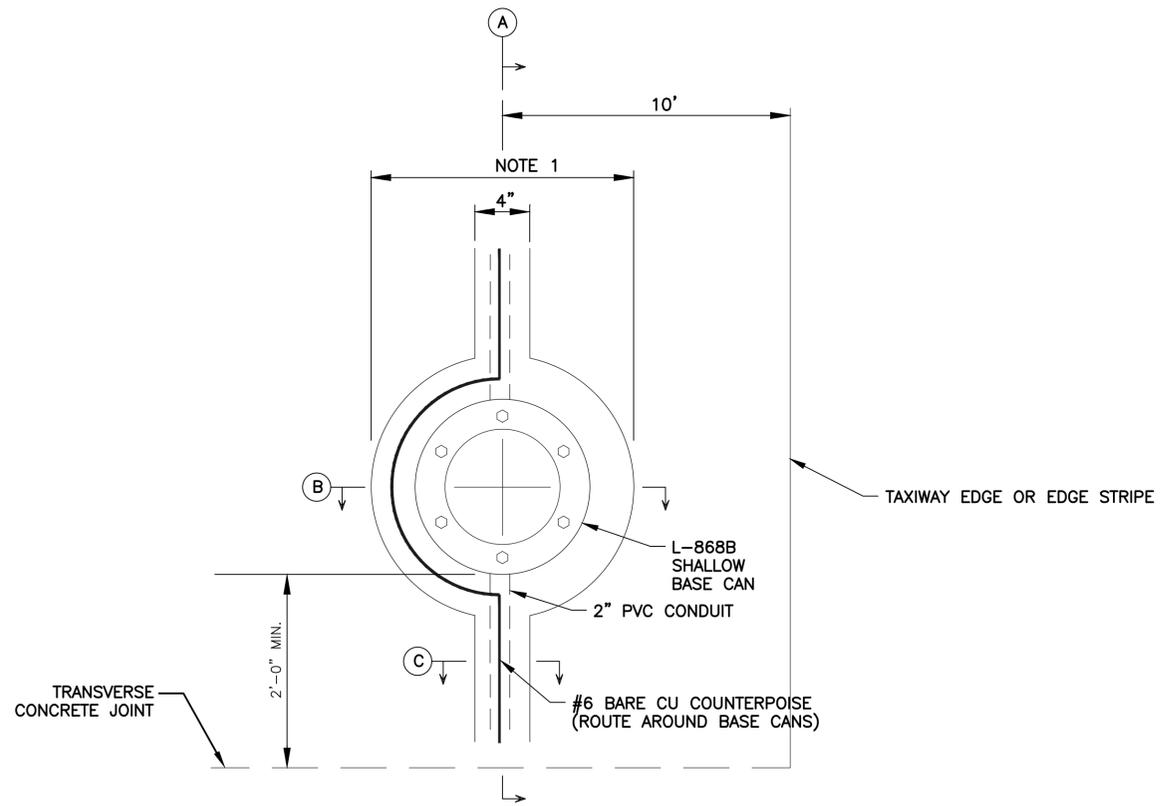


(B) SECTION



(C) SECTION

(CONDUIT IN RIGID PAVEMENT)



(907) TYP L-868 BASE MOUNTING IN EXISTING PCC PAVEMENT

NOTES:

1. CORE LIGHT BASE OUTER DIAMETER + 2" MINIMUM IN EXISTING PAVEMENT.
2. L-868 BASE, 12" DIAMETER, 12" DEEP CAN
3. HUBS SHALL BE 2" FACTORY HUB WITH RUBBER GROMMET OR FIELD DRILLED AS REQUIRED.
4. LIGHT BASE SHALL CONFORM TO FAA ADVISORY CIRCULAR 150/5345/42G, SPECIFICATION FOR AIRPORT LIGHT BASES AND TRANSFORMER HOUSINGS.
5. ALL GROUND CONNECTIONS SHALL BE INSPECTED BY CONSTRUCTION MANAGER PRIOR TO PLACEMENT OF CONCRETE OR EPOXY.
6. COUNTERPOISE SHALL BE INSTALLED A MINIMUM OF 2" BELOW PAVEMENT SURFACE, DO NOT CONNECT TO LIGHT BASE.
7. SECURE CONDUIT TO BOTTOM OF CHANNEL WITH 1-HOLE STRAPS ANCHORED TO CONCRETE AT 5' INTERVALS.
8. PROVIDE FLANGE RINGS WITH PAVEMENT DAM RINGS TO FACILITATE FUTURE FLUSH BLANK PLATE INSTALLATION.



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ISSUED FOR BID



PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY AND MAY NOT BE SHARED WITH OTHERS EXCEPT AS THE OBLIGATIONS OF CONTRACTORS CONTRACT WITH THE CITY OF PHOENIX.

NO.	REVISIONS / SUBMISSIONS	DATE
1	ADDENDUM NO. 1	06/15/18

PHX DVI CYR
CITY OF PHOENIX AVIATION DEPARTMENT
GYR AIRPORT TW A REHAB & STRENGTHENING
AV41000075 FAA

Designed by: CA	Drawn by: JBW	Checked by: RD	Date: 05/2018	Dwg scale: NTS	MMI Proj. No.: 8131-022
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GYR AIRPORT TW A REHAB & STRENGTHENING
ELECTRICAL DETAILS

Sheet Reference Number:
EA507
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