

Lewis County  
Department of Public Works  
Engineering Division

**CONTRACT  
PROVISIONS AND PLANS  
FOR CONSTRUCTION OF:**

**SOUTH LEWIS COUNTY AIRPORT (TDO)  
Improvements Project**

**A.I.P. No. 3-53-0078-009-2017**

February, 2020

**BOOK 1 OF 3**

LEWIS COUNTY  
DEPARTMENT OF PUBLIC WORKS

APPROVED AS TO FORM:

  
LEWIS COUNTY DIRECTOR, P.E.

  
Date

BOARD OF COUNTY COMMISSIONERS

Edna J. Fund, District No. 1  
Robert C. Jackson, District No. 2  
Gary Stamper, District No. 3



## **INTRODUCTION**

The provisions of Division 1 of the WSDOT 2018 Standard Specifications for Road, Bridge, and Municipal Construction, and any Amendments to Division 1 of WSDOT Standard Specifications together with the Contract Documents and the attached plans hereinafter contained, covering all work specified under this contract are incorporated and hereby made a part of this contract. The FAA General Provisions hereinafter contained shall supersede any conflicting provisions of the WSDOT Standard Specifications and Amendments thereto.

### **Clarification:**

All references to 2016/2017 Airport Improvements Project shall be known as South Lewis County Airport Improvements Project, A.I.P. 3-53-0078-009-2017. The attached original 2017 Engineered Contract Documents, original Addendum No. 1 & 2, and Change Order No.1 are incorporated and hereby made a part of this contract. New Contract Proposal Documents are attached to include original Contract Proposal language with updated Proposal Bid Items, updated Federal and State Wages, APWA Public Liability and Property Damage Insurance, and a Contract that will be used to execute by the successful bidder after award.

The language as stated in Addendum No. 1 & 2, and Change Order No.1 shall be incorporated into the South Lewis County Airport Improvements Project by the bidder. The attached updated Contract Plans incorporate the changes covered in the Addendums and Change Order.

The Contractor shall use the attached New Sections 1 & 2 for bidding purposes.





## Lewis County Department of Public Works

Josh S Metcalf, PE, Director

Tim Fife, PE, County Engineer

### NOTICE TO CONTRACTORS

NOTICE IS HEREBY GIVEN that the Board of County Commissioners of Lewis County or designee, will open sealed proposals and publicly read them aloud on or after 11:00 a.m. on **Tuesday, February 25, 2020**, at the Lewis County Courthouse in Chehalis, Washington for the South Lewis County Airport (TDO) Improvements Project, A.I.P. No. 3-53-0078-009-2017.

#### **SEALED BIDS MUST BE DELIVERED BY OR BEFORE 11:00 A.M. on Tuesday, February 25, 2020**

(Lewis County official time is displayed on Axxess Intertel phones in the office of the Board of County Commissioners.  
**Bids submitted after 11:00 AM will not be considered for this project.**)

Sealed proposals must be delivered to the Clerk of the Board of Lewis County Commissioners (351 N.W. North Street, Room 210, CMS-01, Chehalis, Washington 98532), by or before **11:00 A.M.** on the date specified for opening, and in an envelope clearly marked: **"SEALED BID FOR SOUTH LEWIS COUNTY AIRPORT (TDO) IMPROVEMENTS PROJECT, A.I.P. 3-53-0078-009-2017, TO BE OPENED ON OR AFTER 11:00 A.M. ON TUESDAY, FEBRUARY 25, 2020"**.

All bid proposals shall be accompanied by a bid proposal deposit in cash, certified check, cashier's check or surety bond in an amount equal to five percent (5%) of the amount of such bid proposal. Should the successful bidder fail to enter into such contract and furnish satisfactory contract bond within the time stated in the specifications, the bid proposal deposit shall be forfeited to the Lewis County Public Works Department.

Informational copies of maps, plans and specifications are on file for inspection in the office of the County Engineer of Lewis County in Chehalis, Washington. The contract documents may be viewed and downloaded from Lewis County's Web Site @ [www.lewiscountywa.gov](http://www.lewiscountywa.gov) or you may call the Lewis County Engineers office @ (360)740-2612 and request a copy be mailed to you. All Contractor questions and Lewis County clarifying answers will be posted on our website and emailed to all Contractors registered on Lewis County's Planholder List. Plan or specification changes shall be accomplished through official project addendums.

The Lewis County Public Works Department in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C. 2000d to 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises as defined at 49 CFR Part 26 will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, national origin, or sex in consideration for an award.



# ATTACHMENTS

ADDENDUM No. 1

ADDENDUM No. 2

Change Order No. 1

Updated Contract Plans

Updated New Section 1

Updated New Section 2

Updated State and Federal Wages

Original 2017 Engineered Contract Documents





July 3, 2017

**ADDENDUM NUMBER 1**

**2016/2017 Airport Improvements Project  
South Lewis County Airport  
Toledo, Washington  
A.I.P. No. 3-53-0078-008**

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The Contractor shall acknowledge that this Addendum was received and evaluated in the preparation of the proposal. This Addendum is being posted on the *Builders Exchange of Washington* website Monday, July 3, 2017. The Contract Documents are herein modified, appended, or clarified as follows:

**SECTION I – BIDDING INFORMATION**

PROPOSAL	Replace pages 6, 7, and 8, SCHEDULE OF PRICES, with attached (3 pages).
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**NOTE:**

In the project, the widths of Taxiways A1, A2, A3, and A4 have been increased from 25 feet to 35 feet. Addendum #1 modifies quantities of some of the pay items to reflect the additional work. Revised plan sheets, to include the increased taxiway widths, will be included in a following addendum.

Please acknowledge receipt of this addendum by writing the addendum number in the space provided in PROPOSAL in Section I BIDDING INFORMATION.

**A PROPOSAL MAY BE CONSIDERED IRREGULAR AND MAY BE REJECTED IF RECEIPT OF  
ADDENDA IS NOT ACKNOWLEDGED**

**END OF ADDENDUM NUMBER 1**

**SCHEDULE OF PRICES**

**Lewis County  
South Lewis County Airport  
2017 Airport Improvements  
A.I.P. No.3-53-0078-008**

**BID SCHEDULE:**

ITEM	SECT.	BID ITEM DESCRIPTION	EST.	UNIT	UNIT PRICE OR LUMP SUM		TOTAL COMPUTED
					FIGURES	WORDS	PRICE
A1	01000	FOD Prevention Controls	1	LS			\$
A2	01115	Temporary Site Control	1	LS			\$
A3	01406	Construction Staking	1	LS			\$
A4	01505	Mobilization	1	LS			\$
A5	02050	Removal of Asphalt Pavement	19,500	SY			\$
A6	02050	Demolish - Miscellaneous structures	1	LS			\$
A7	02050	Remove Tree	25	EA			\$
A8	2100	Ballast	3,500	CY			\$
A9	02271	Soil Stabilization Fabric	12,300	SY			\$
A10	02578	Crack Cleaning and Sealing	5,000	LF			\$
A11	P-151	Clearing and Grubbing	2	AC			\$
A12	P-152	Unclassified Excavation	9,200	CY			\$
A13	P-152	Unsuitable Excavation	2,500	CY			\$

ITEM	SECT.	BID ITEM DESCRIPTION	EST.	UNIT	UNIT PRICE OR LUMP SUM		TOTAL COMPUTED
					FIGURES	WORDS	PRICE
A14	P-152	Stockpiled Salvage Base Rock	1,600	CY			\$
A15	P-154	Subbase Course	6,100	CY			\$
A16	P156	Silt Fence	625	LF			\$
A17	P156	Check Dams	150	LF			\$
A18	P-156	Stabilized Construction Entrance	1,000	SY			\$
A19	P-209	Crushed Aggregate Base Course	3,500	CY			\$
A20	P401	HMA - Bituminous Surface Course	4,100	Ton			\$
A21	P-602	Bituminous Prime Coat	4,300	Gal			\$
A22	P-603	Bituminous Tack Coat	700	Gal			\$
A23	P-608	Asphalt Surface Treatment	7,700	SY			\$
A24	P-620	Pavement Marking	40,000	SF			\$
A25	D-701	8- inch Reinforced Concrete Pipe	375	LF			\$
A26	D-705	4 inch Pipe Underdrains	9,300	LF			\$
A27	D-705	4 inch Transverse Pipe	225	LF			\$
A28	D-705	Edge Drain Cleanout	22	EA			\$
A29	D-751	Catch Basin	8	EA			\$
A30	T-901	Seeding	3.2	AC			\$
A31	L-100.1	Electrical Miscellaneous	1	LS			\$

ITEM	SECT.	BID ITEM DESCRIPTION	EST.	UNIT	UNIT PRICE OR LUMP SUM		TOTAL COMPUTED
					FIGURES	WORDS	PRICE
A32	L- 108.1	No. 8 AWG 5kV, L-824, Type C Cable	16,200	LF			\$
A33	L- 108.3	No. 10 AWG 600V L-824	28,100	LF			\$
A34	L- 110.1	(1) 2" PVC Sch 40, Direct Bury	10,400	LF			\$
A35	L- 110.2	(1) 2" PVC Sch 40, Concrete Encased	690	LF			\$
A36	L- 125.1	Demolish Airfield Equipment	1	LS			\$
A37	L- 125.2	REIL Pair	2	EA			\$
A38	L- 125.3	Guidance Sign - Size 1, 2 panel	11	EA			\$
A39	L- 125.4	Guidance Sign - Size 1, 3 panel	1	EA			\$
A40	L- 125.5	Guidance Sign - Size 1, 4 panel	2	EA			\$
A41	L- 125.6	Runway End Light	16	EA			\$
A42	L- 125.7	Taxiway Edge Light	2	EA			\$
A43	L- 125.8	PAPI Assembly	1	LS			\$
A44	L- 125.9	SCO Cabinet	1	LS			\$
A45	L- 125.10	Spares	1	LS			\$
						SCHEDULE SUBTOTAL:	\$
						WASHINGTON STATE SALES TAX (7.8%):	\$
						<b>BID SCHEDULE TOTAL:</b>	<b>\$</b>

July 7, 2017

## ADDENDUM NUMBER 2

### 2016/2017 Airport Improvements Project South Lewis County Airport Toledo, Washington A.I.P. No. 3-53-0078-008

The Contractor shall acknowledge that this Addendum was received and evaluated in the preparation of the proposal. This Addendum is being posted on the *Builders Exchange of Washington* website Friday, July 7, 2017. The Contract Documents are herein modified, appended, or clarified as follows:

#### SECTION I – BIDDING INFORMATION

PROPOSAL	Replace pages 6, 7, and 8, SCHEDULE OF PRICES, with attached (4 pages). (Supercedes Addendum #1)
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#### SECTION IV – TECHNICAL SPECIFICATIONS

L-125 INSTALLATION OF AIRPORT LIGHTING SYSTEMS	<p>Replace Paragraph 2.9.b. with the following: “The PAPI shall be an L-881 or L-881(L) (2-Box), Style A (voltage powered), Class 1 (operation to -35°C). PAPI shall include photocell and automatic intensity adjustment.”</p> <p>Replace Paragraph 2.11 with the following:</p> <p>2.1 SPARE PARTS</p> <p>a. Spare equipment fixtures shall be provided to Airport Maintenance personnel, new in original packaging, in the quantities noted below. Light fixtures shall be furnished complete and ready for installation, including baseplate, lenses, prisms, bulbs, connector, etc., and shall be the same make and model as fixtures installed for the project.</p> <ol style="list-style-type: none"><li>1. L-824 Primary Splice kit (male and female connector) – 8 each</li><li>2. Primary splice heat shrink kit – 10 each</li><li>3. L-830 isolation transformers – 4% of each size used on the project, minimum of 1 each.</li><li>4. REIL Control Board Assembly – 1 each</li><li>5. Guidance Signs LED Sign light engine (tube/bar/circuit board) – 10 each, LED sign power supply – 10 each</li><li>6. Elevated Runway End Lights L-861E – (2) plug-n-play fixture head and stem with frangible fitting, (10) 45W quartz bulbs.</li><li>7. Elevated Taxiway Edge Lights L-861T(L) – (8) plug-n-play fixture head and stem with frangible fitting.</li><li>8. PAPI – <b>Only one of the following will apply to match the product type installed. Include any cost difference in the related bid items.</b></li></ol> <p>PAPI – L-881: 4-year supply of lamps for FAA</p>
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	<p>EB 67D Warranty equivalence, assuming 24/7 operation and 1,000 hr rated lamp life (34 lamp changes times total quantity of lamps in model selected) for both PAPI assemblies (e.g. 2 L-881 x 2 light units each x 3 lamps/light unit x 34 replacement lamp sets = 408 spare lamps); (2) each Lamp Driver/Tilt Sensing PCB, LC Control Board, SCR Block, Tilt Switch Assembly.</p> <p>PAPI-881(L): (2) each Control Board Replacement Kit (Primary), Control Board Replacement Kit (Secondary), Input Power Board (Primary), Input Power Board (Secondary).</p> <p><b>Replace Paragraph 4.8. with the following:</b>  “PAPI Assembly shall be measured by lump sum for the complete assembly of all light units and controls installed, including excavation, encasement, backfill, basecan, concrete surround, interconnect cables and conduit, connections, testing, completed, and accepted. Wire/cable and conduit for the PAPI power homerun shall be measured and paid separately per Items L-108 and L-110. L-881 shall be Base Bid. L-881(L) shall be Bid Alternative. Pricing shall include any cost difference in the Spares for the two different items.”</p>
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**SECTION VII – PLANS**

<p>CIVIL SHEETS</p>	<p>Replace Sheets C9-C21, C23-C27 with attached sheets (18 sheets).</p>
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**NOTE:**

In the project, the widths of Taxiways A1, A2, A3, and A4 have been increased from 25 feet to 35 feet. This Addendum includes revised quantities of some of the pay items and revised plan sheets to reflect the additional work.

Please acknowledge receipt of this addendum by writing the addendum number in the space provided in PROPOSAL in Section I BIDDING INFORMATION.

**A PROPOSAL MAY BE CONSIDERED IRREGULAR AND MAY BE REJECTED IF RECEIPT OF ADDENDA IS NOT ACKNOWLEDGED**

**END OF ADDENDUM NUMBER 2**

**SCHEDULE OF PRICES**

**Lewis County  
South Lewis County Airport  
2017 Airport Improvements  
A.I.P. No.3-53-0078-008**

**BASE BID SCHEDULE:**

ITEM	SECT.	BID ITEM DESCRIPTION	EST.	UNIT	UNIT PRICE OR LUMP SUM		TOTAL COMPUTED
					FIGURES	WORDS	PRICE
A1	01000	FOD Prevention Controls	1	LS			\$
A2	01115	Temporary Site Control	1	LS			\$
A3	01406	Construction Staking	1	LS			\$
A4	01505	Mobilization	1	LS			\$
A5	02050	Removal of Asphalt Pavement	19,500	SY			\$
A6	02050	Demolish - Miscellaneous structures	1	LS			\$
A7	02050	Remove Tree	25	EA			\$
A8	2100	Ballast	3,500	CY			\$
A9	02271	Soil Stabilization Fabric	12,300	SY			\$
A10	02578	Crack Cleaning and Sealing	5,000	LF			\$
A11	P-151	Clearing and Grubbing	2	AC			\$
A12	P-152	Unclassified Excavation	9,200	CY			\$
A13	P-152	Unsuitable Excavation	2,500	CY			\$

ITEM	SECT.	BID ITEM DESCRIPTION	EST.	UNIT	UNIT PRICE OR LUMP SUM		TOTAL COMPUTED
					FIGURES	WORDS	PRICE
A14	P-152	Stockpiled Salvage Base Rock	1,600	CY			\$
A15	P-154	Subbase Course	6,100	CY			\$
A16	P156	Silt Fence	625	LF			\$
A17	P156	Check Dams	150	LF			\$
A18	P-156	Stabilized Construction Entrance	1,000	SY			\$
A19	P-209	Crushed Aggregate Base Course	3,500	CY			\$
A20	P401	HMA - Bituminous Surface Course	4,100	Ton			\$
A21	P-602	Bituminous Prime Coat	4,300	Gal			\$
A22	P-603	Bituminous Tack Coat	700	Gal			\$
A23	P-608	Asphalt Surface Treatment	7,700	SY			\$
A24	P-620	Pavement Marking	40,000	SF			\$
A25	D-701	8- inch Reinforced Concrete Pipe	375	LF			\$
A26	D-705	4 inch Pipe Underdrains	9,300	LF			\$
A27	D-705	4 inch Transverse Pipe	225	LF			\$
A28	D-705	Edge Drain Cleanout	22	EA			\$
A29	D-751	Catch Basin	8	EA			\$
A30	T-901	Seeding	3.2	AC			\$
A31	L-100.1	Electrical Miscellaneous	1	LS			\$



ITEM	SECT.	BID ITEM DESCRIPTION	EST.	UNIT	UNIT PRICE OR LUMP SUM		TOTAL COMPUTED
					FIGURES	WORDS	PRICE
A32	L-108.1	No. 8 AWG 5kV, L-824, Type C Cable	16,200	LF			\$
A33	L-108.3	No. 10 AWG 600V L-824	28,100	LF			\$
A34	L-110.1	(1) 2" PVC Sch 40, Direct Bury	10,400	LF			\$
A35	L-110.2	(1) 2" PVC Sch 40, Concrete Encased	690	LF			\$
A36	L-125.1	Demolish Airfield Equipment	1	LS			\$
A37	L-125.2	REIL Pair	2	EA			\$
A38	L-125.3	Guidance Sign - Size 1, 2 panel	11	EA			\$
A39	L-125.4	Guidance Sign - Size 1, 3 panel	1	EA			\$
A40	L-125.5	Guidance Sign - Size 1, 4 panel	2	EA			\$
A41	L-125.6	Runway End Light	16	EA			\$
A42	L-125.7	Taxiway Edge Light	138	EA			\$
A43	L-125.8	PAPI Assembly	1	LS			\$
A44	L-125.9	SCO Cabinet	1	LS			\$
A45	L-125.10	Spares	1	LS			\$
						BASE BID SCHEDULE SUBTOTAL:	\$
						WASHINGTON STATE SALES TAX (7.8%):	\$
						<b>BASE BID SCHEDULE TOTAL:</b>	<b>\$</b>

ITEM	SECT.	BID ITEM DESCRIPTION	EST.	UNIT	UNIT PRICE OR LUMP SUM		TOTAL COMPUTED
			QTY.		FIGURES	WORDS	PRICE
B1	L- 125.8	L-881(L) PAPI Assembly	1	LS			\$
						ALTERNATE BID SCHEDULE SUBTOTAL:	\$
						WASHINGTON STATE SALES TAX (7.8%):	\$
						<b>ALTERNATE BID SCHEDULE TOTAL:</b>	<b>\$</b>

**CONTRACT CHANGE ORDER NO. 1**  
**or**  
**SUPPLEMENTAL AGREEMENT NO. ---**

**AIRPORT** Lewis County Airport                      **DATE** 06-19-18

**LOCATION** Toledo, WA                      **AIP PROJECT NO.** 3-53-0078-009-2017

**CONTRACTOR** McClure and Sons, Inc

You are requested to perform the following described work upon receipt of an approved copy of this document or as directed by the engineer:

<b>Item No.</b>	<b>Description</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Quantity</b>	<b>Amount</b>
A9	Soil Stabilization Fabric (02271)	SY	\$		
A12	Unclassified Excavation (P-152)	CY	\$		
A15	Subbase Course (P-154)	CY	\$		
A19	Crushed Aggregate Base Course (P-209)	CY	\$		
A20	HMA - Bituminous Surface Course (P-401)	TON	\$		
A21	Bituminous Prime Coat (P-602)	GAL	\$		
A22	Bituminous Tack Coat (P-603)	GAL	\$		
A24	Pavement Marking (P-620)	SF	\$		
A25	8-inch Reinforced Concrete Pipe (D-701)	LF	\$	-375	
A26	4 inch Pipe Underdrains (D-705)	LF	\$	-300	
A27	4 inch Pipe Transverse (D-705)	LF	\$	275	
A28	Edge Drain Cleanout (D-705)	EA	\$	10	
A30	Seeding (T-901)	AC	\$		
A38	Guidance Sign – size 1, 2 panel (L-125.3)	EA	\$	-2	
A39	Guidance Sign – size 1, 3 panel (L-125.3)	EA	\$	1	
A42	Taxiway Edge Light (L-125.7)	EA	\$	15	
CO 1	Pipe, 12” HDPE	LF		300	
CO 2	Pipe, 18” HDPE	LF		225	

CO 3	Catch Basin, WSDOT Type 1 (D-751)	Ea.	\$	-5	
CO 4	Catch Basin T-PVC (D-751)	Ea.	\$	4	
CO 5	48" Manhole, WSDOT Type 3 (D-751)	Ea.	\$	1	
CO 6	WSDOT Storm Headwall	Ea	\$	2	
CO 7	Drainage Structure, Adjust to Grade Major	Ea	\$	1	
CO 8	Drainage Structure, Adjust to Grade Minor	Ea	\$	3	
<b>This Change Order Total</b>					\$
<b>Sales Tax (7.8%)</b>					\$
<b>Previous Change Order(s) Total</b>					\$
<b>Original Contract Total w/ Change Order</b>					\$
<b>Revised Contract Total</b>					\$

The time provided for completion in the contract is (unchanged) (decreased) (increased) by 0 calendar days. This document shall become an amendment to the contract and all provisions of the contract will apply.

Recommended  
by:

\_\_\_\_\_

Project Engineer

\_\_\_\_\_

Date

Approved by:

\_\_\_\_\_

Owner

\_\_\_\_\_

Date

Accepted by:

\_\_\_\_\_

Contractor

\_\_\_\_\_

Date

Approved by:

\_\_\_\_\_

Federal Aviation Administration

\_\_\_\_\_

Date

**NOTE:** Change Orders and Supplemental Agreements require FAA approval prior to construction, otherwise no Federal participation can be granted. State Aeronautics concurrence is required when state participation is anticipated.

**AIP PROJECT NO.** 3-53-0078-009-2017 **CHANGE ORDER NO.** 1  
 (Supplemental Agreement)

**AIRPORT** Lewis County Airport **LOCATION** Toledo, WA

### JUSTIFICATION FOR CHANGE

#### 1. Brief description of the proposed contract change(s) and location(s).

1. This work includes drainage improvements, updates to the pavement marking, taxiway edge lighting and adjustment to the profile. The changes are reflected along the full site improvement area.
2. The primary area of improvements include
  - a. Catch basins in the areas off the south end of existing hangars, between the hangar building and the new taxiway. In addition a catch basin is placed on the east side of Taxiway A1 with a manholes added in an existing pipe drain system to received runoff to this catch basin. A similar system was placed on the east side of Taxiway A2, but the water is outlet to an existing ditch. A third catch basin was added just east of an existing pipe outlet between Taxiway A2 and A3 to relieve the site of ditch drainage carried all the way from Taxiway A4. There is no outlet prior to this point without excavation or reestablishment of a ditch north of the taxiway which was beyond the scope of this project. A culvert was placed under TaxiwayA3 to allow drainage east of Taxiway A3 to reach the catch basin adjacent to the existing pipe since there was no relief point east of Taxiway A3. These changes were added to enhance the drainage at the intersections of the connector taxiways and parallel taxiway, particularly at Taxiway A1 and Taxiway A2 to restore existing drainage patterns. Additionally, existing manholes that needed to be adjusted to grade were identified. These structures were located in the area between the hangar buildings and the taxiway. Additional transverse taxiway edge drain outlets were added as well as converting the outlet junction from a catch basin structure to a cleanout type arrangement.
  - b. In addition, pavement marking of the parallel taxiway was added to address a design layer that did not print during document production.
  - c. Finally, the taxiway edge lighting was modified to meet FAA criteria and the design change to the connector taxiways. The edge lighting layout modifications were not covered in the addendum prior to bid.
  - d. Taxiway A3 and Taxiway A4 were modified to meet wetland impact permit requirements.

#### 2. Reason(s) for the change(s) *(Continue on reverse if necessary)*

1. Catch basins added especially in the vicinity of Taxiway A1 and A2 replace existing catch basins in this area impacted from the realignment and widening of the parallel taxiway. These changes were added to replace the surface runoff drainage system the intersections of the connector taxiways and parallel taxiway, particularly at Taxiway A1 and Taxiway A2 to restore these existing drainage patterns. New area catch basin drains between the hangar buildings and taxiway were added because the existing grated/solid lid manholes were not located in a usable location and needed to be adjusted to grade. The new catch basins in this area were connect to the existing manholes since they were in close proximity. In addition, pavement marking of the parallel taxiway was added to address a design layer that did not print during document production. Finally, the taxiway edge lighting was modified to meet FAA criteria and the design change to the connector taxiways. The edge lighting layout modifications were not covered in the addendum prior to bidThe drainage and pavement marking improvements were made to address these items that were not fully identified on the bid set. The drainage was to provide runoff conveyance to prevent ponding and an outlet for water to prevent accumulation.

The pavement edge drain connection to the transverse outlet was modified from a catch basin structure to a cleanout system to reduce costs. Additional tranverse outlets were added to the system to better met standards.

2. The pavement marking for the parallel taxiway provides guidance for radius onto connectors, and centerline marking. The taxiway marking was added.
3. The edge lighting followed the new circular issued after bid opening to meet the new taxiway geometric design guidance.

4. The geometrics for Taxiway A3 and A4 were modified to TDG-1A to conform to the wetland permit.

**5. Justifications for unit prices or total cost.**

- ~~1. Unit prices applicable for bid items.~~  
~~2. Consultant to negotiate Change Order items for non bid items~~

**6. The sponsor's share of this cost is available from:**

The sponsor's share of this cost is available from Lewis County General Funds.

7. If this is a supplemental agreement involving more than \$2,000, is the cost estimate based on the latest wage rate decision? Yes  No  Not Applicable .
8. Has consent of surety been obtained? Yes  Not Necessary .
7. Will this change affect the insurance coverage? Yes  No .
8. If yes, will the policies be extended? Yes  No .
9. Has this Change Order been discussed with FAA officials?  
Yes  No  When 6-18-18 With Whom Kevin Laschaw, PE

Comment The Following sheets are to are reissued due to unsigned Addendum 2 drawings, geometric changes and profile revisions:

Drawings:

Sheets: C9 – C30, E2.2 – E2.4

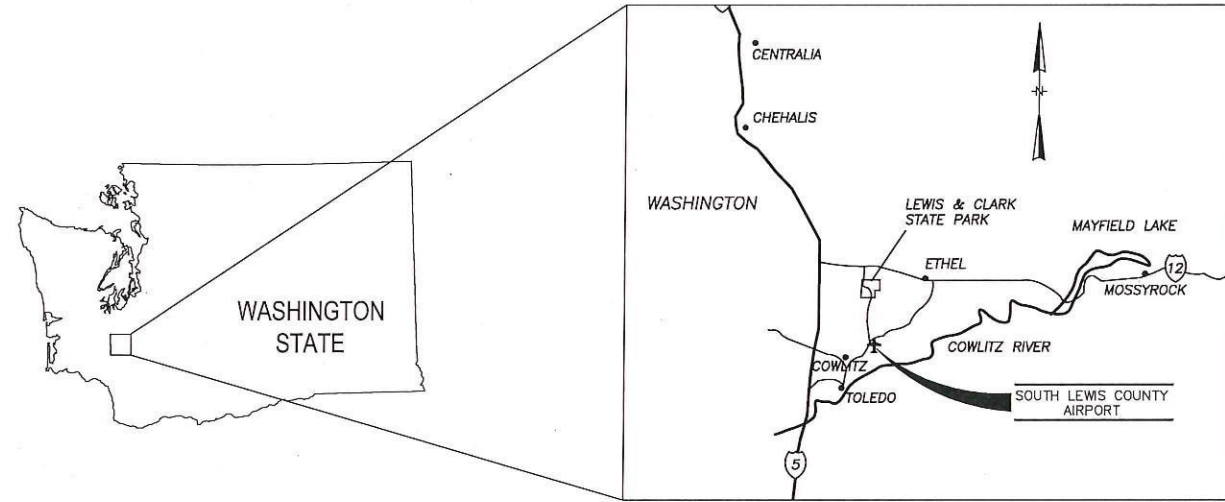
Specifications:

- Pipe for Storm Drains and Culverts shall be in accordance with specification Item D-701 which includes connection to existing structures or pipe.
- Manholes, Catch Basins, Inlets and Inspection Holes shall be in accordance with specification Item D-751.
- Drainage, Headwall, Drainage Structures to Adjustment to Grade, and other work not covered under existing specifications are to conform with WSDOT standard specifications and drawings.
- Bid Item Catch Basin, T-PVC (D-751) will include the 8-inch pipe installation and connection as incidental to this bid item.
- Pipe, Rock Outfall shall be paid under the Ballast Rock bid item.
- Drainage Structure, Adjustment to Grade shall be for adjustments greater than 6-inches
- Drainage Structure, Adjustment to Grade shall be for adjustments 6-inches or less.

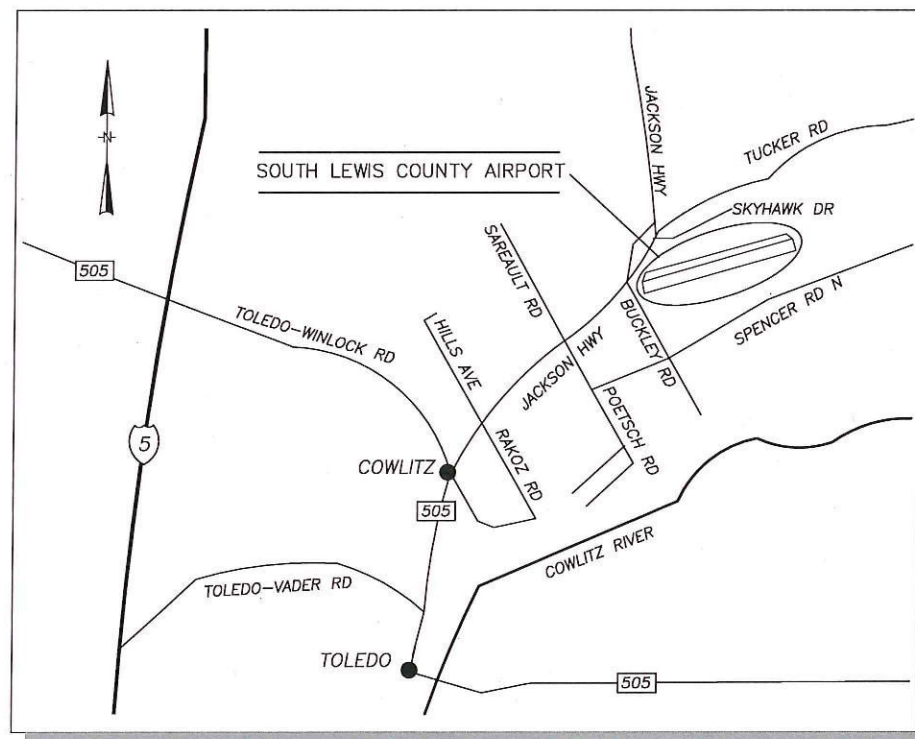
# LEWIS COUNTY SOUTH LEWIS COUNTY AIRPORT (TDO) TAXIWAY IMPROVEMENTS

A.I.P. NO. 3-53-0078-008-2015

JULY 2017



AREA MAP  
NOT TO SCALE



VICINITY MAP  
NOT TO SCALE

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- E4.3-E4.4 PAPI DETAILS

### COUNTY/OWNER

LEWIS COUNTY  
SOUTH LEWIS COUNTY AIRPORT  
2025 N.E. KRESKY AVE.  
CHEHALIS, WA 98532  
PHONE: 1-360-864-4966  
CONTACT: LARRY MASON, AIRPORT SYSTEMS MANAGER  
EMAIL: AIRPORTMAN@TOLEDOTEL.COM

### ENGINEER

WHPACIFIC  
12100 NE 195TH ST, SUITE 300  
BOTHELL, WA 98011  
CONTACT: ERIC STRONG, P.E.  
PHONE: 425-951-4816  
EMAIL: ESTRONG@WHPACIFIC.COM

DATE: 6/22/2017 10:01 AM [AUTHOR: nbateman] [PLOTTER: DWG To PDF.pc3] [STYLE: WHP-Standard.ctb] [PATH: P:\Lewis County, WA\0011717W\Execution\Drawings\Civil\11717W-C-CS00.dwg] [LAYOUT: C1]



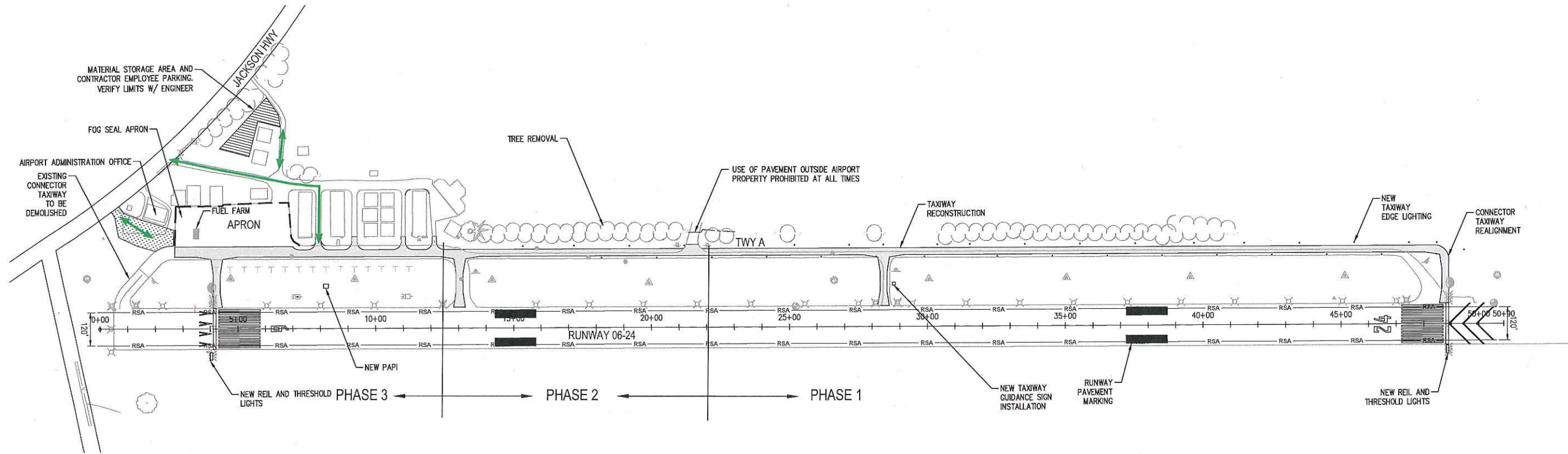
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										6/22/2017		6/22/2017			

COVER SHEET  
2016 TAXIWAY IMPROVEMENTS PROJECT  
ED CARLSON MEMORIAL FIELD  
SOUTH LEWIS COUNTY AIRPORT  
PROJECT NUMBER 11717W  
DRAWING FILE NAME 11717W-C-CS00  
SCALE AS SHOWN

SHEET NUMBER  
**C1**

DATE: 6/20/2017 8:13 PM [AUTHOR: dbushnell] [PLOTTER: DWG To PDF.pc3] [STYLE: WHP-Standard.ctb]  
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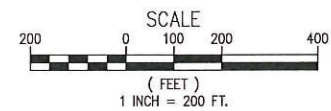


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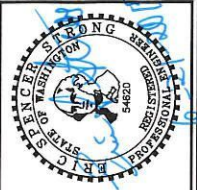
1. SEE CSPP FOR SPECIFIC REQUIREMENTS WITHIN EACH PHASE.

**LEGEND:**

→ CONSTRUCTION HAUL ROUTE



**WHPacific**  
 12100 NE 196th St, Ste 300  
 Everett, WA 98014  
 425-951-4800 Fax: 425-951-4808  
 www.whpacific.com



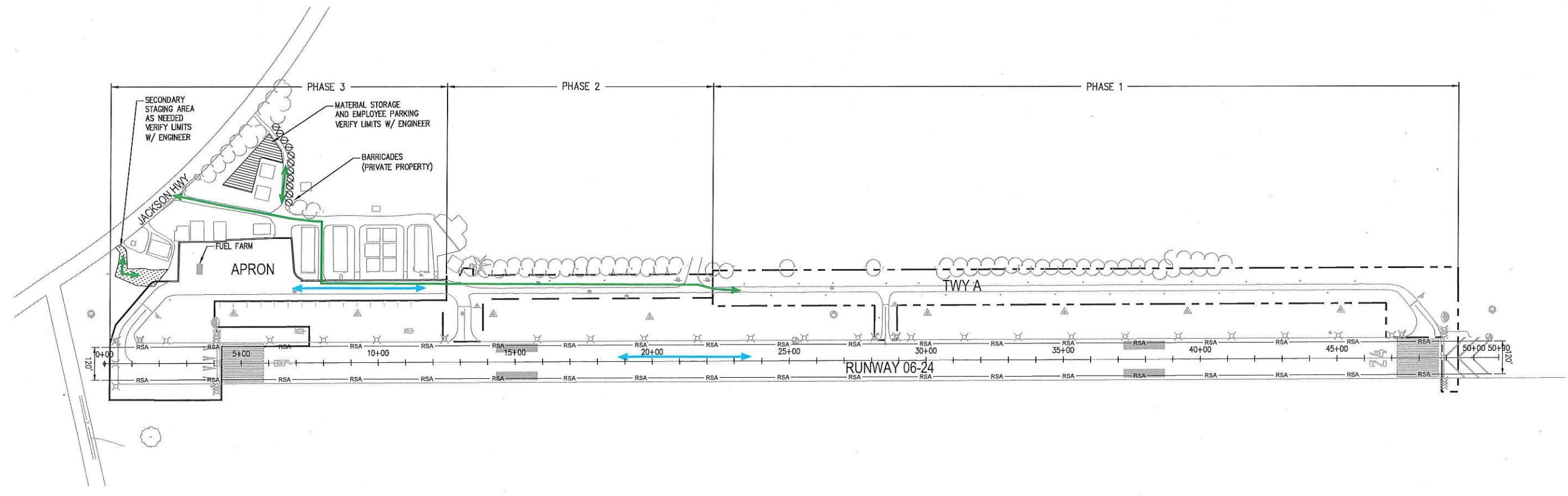
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APPROVED	ES
LAST EDIT	6/20/2017
PLOT DATE	6/20/2017
SUBMITTAL	

**CONSTRUCTION SITE PLAN**  
**2016 TAXIWAY IMPROVEMENTS PROJECT**  
 ED CARLSON MEMORIAL FIELD  
 SOUTH LEWIS COUNTY AIRPORT  
 PROJECT NUMBER 11717W  
 DRAWING FILE NAME 11717W-C-SP01  
 SCALE AS SHOWN

SHEET NUMBER  
**C2**





**GENERAL PHASE LAYOUT**  
 SCALE: 1"=200'

**PHASE 1:**

1. RECONSTRUCT TAXIWAY A FROM EAST OF SKYHAWK DRIVE TO EAST END.
2. REALIGN AND CONSTRUCT CONNECTOR A4.
3. RECONSTRUCT CONNECTOR A3.
4. INSTALL TAXIWAY EDGE LIGHTS.
5. INSTALL GUIDANCE SIGNS.
6. INSTALL REIL.
7. CONSTRUCT THRESHOLD LIGHTS.
8. INSTALL SUBSURFACE DRAINAGE SYSTEM STORMDRAIN AND REPLACE DEFECTIVE CULVERTS.
9. STRIPE NEW PAVEMENT.

**PHASE 2:**

1. RECONSTRUCT TAXIWAY A FROM THE WEST EDGE OF CONNECTOR A2 TO LIMITS OF PHASE 1.
2. RECONSTRUCT CONNECTOR A2.
3. INSTALL TAXIWAY EDGE LIGHTS.
4. INSTALL GUIDANCE SIGNS.
5. INSTALL SUBSURFACE DRAINAGE SYSTEM STORMDRAIN AND REPLACE DEFECTIVE CULVERTS.
6. STRIPE NEW PAVEMENT.
7. TREE REMOVAL.

**PHASE 3:**

1. RECONSTRUCT TAXIWAY A FROM WEST END TO LIMITS OF PHASE 2.
2. REALIGN AND CONSTRUCT CONNECTOR A1.
3. INSTALL TAXIWAY EDGE LIGHTS.
4. INSTALL GUIDANCE SIGNS.
5. RELOCATE REIL.
6. RELOCATE THRESHOLD LIGHTS.
7. REMOVE VASI.
8. INSTALL PAPI.
9. INSTALL SUBSURFACE DRAINAGE SYSTEM STORMDRAIN.
10. STRIPE NEW PAVEMENT.
11. PAINT RUNWAY MARKINGS.
12. DEMOLISH ORIGINAL CONNECTOR A1.
13. CRACK SEAL AND FOG SEAL MAIN APRON.

**LEGEND:**

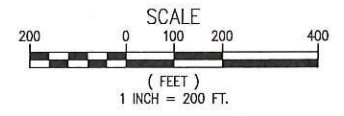
- LIGHTED BARRICADES
- CANDLESTICK BARRICADES
- ✕ UNLIGHTED TAXIWAY CLOSURE 'X'
- [Pattern] CONTRACTOR'S STAGING AREA
- [Pattern] CONTRACTOR'S STORAGE AREA
- RUNWAY CLOSURE PHASE
- CONSTRUCTION TRAFFIC
- AIRCRAFT MOVEMENT
- PHASE 1 AREA
- PHASE 2 AREA
- PHASE 3 AREA

**GENERAL PHASING (GP) NOTES:**

1. SEE SPECIFIC PHASE SHEET AND CSPP FOR GREATER DETAIL AND REQUIREMENTS.
2. CONTRACTOR SHALL COORDINATE RUNWAY CLOSURE WITH ENGINEER 72 HOURS PRIOR.
3. CLOSURE OF RUNWAY PERIOD SHALL BE BETWEEN 7:00 AM AND 6:00 PM AS NEEDED WITHIN PHASE TIME PERIOD. A DAYTIME CLOSURE FOR PAVING IS PERMITTED.
4. PLACE CLOSURE CROSS AT BOTH ENDS OF RUNWAY. COORDINATE LOCATION W/ ENGINEER WHEN IN CONFLICT WITH CONSTRUCTION. TURN OFF MRL, BEACON, AND OTHER AVIATION ELECTRICAL ITEMS AT START OF CLOSURE.
5. RSA MUST MEET SAFETY REQUIREMENTS TO REOPEN TO TRAFFIC. TEMPORARY RAMPS, PLATES, OR OTHER TEMPORARY MEASURES MAY BE REQUIRED.

**CONSTRUCTION NOTES:**

1. LIGHTED BARRICADE PER DETAIL 1 CSPP4
2. PLACE UNLIGHTED RUNWAY CLOSURE 'X' PER DETAIL 2 CSPP3
3. PLACE UNLIGHTED TAXIWAY CLOSURE 'X' PER DETAIL 3 CSPP4



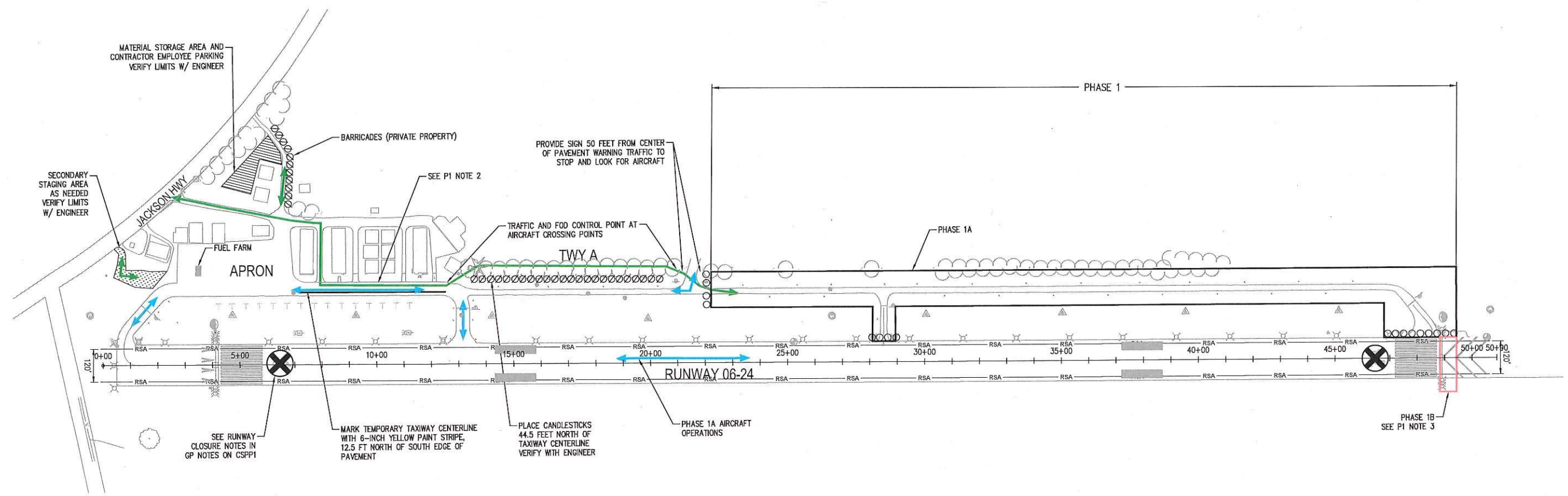
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REVISIONS	NO.	BY	DATE	REMARKS

SHEET INFO	DESIGNED	DB	DRAWN	DB	CHECKED	JS	APPROVED	ES	LAST EDIT	6/20/2017	PLOT DATE	6/20/2017	SUBMITTAL

**CONSTRUCTION SAFETY AND PHASING PLAN**  
**2016 TAXIWAY IMPROVEMENTS PROJECT**  
 ED CARLSON MEMORIAL FIELD  
 SOUTH LEWIS COUNTY AIRPORT  
 PROJECT NUMBER 11717W  
 DRAWING FILE NAME 11717W-C-CSPP-CS01  
 SCALE AS SHOWN

SHEET NUMBER  
**CSPP1**



**PHASE 1 LAYOUT**  
 SCALE: 1"=200'

**WORK ELEMENTS:**

- PHASE 1A:**
- RECONSTRUCT TAXIWAYS A, A3, & A4
  - INITIATE REIL INSTALL
- PHASE 1B:**
- COMPLETE REIL INSTALLATION
  - INSTALL NEW THRESHOLD LIGHTS
  - INSTALL TAXIWAY EDGE LIGHTS

**LEGEND:**

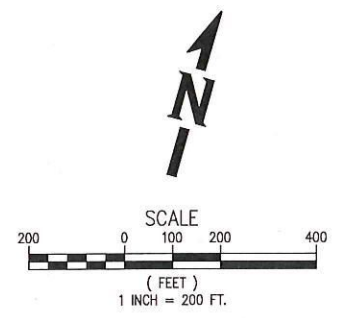
- OOOO LIGHTED BARRICADES
- 0000 CANDLESTICK BARRICADES
- X UNLIGHTED TAXIWAY CLOSURE 'X'
- X UNLIGHTED RUNWAY CLOSURE 'X'
- [Pattern Box] CONTRACTOR'S STAGING AREA
- [Pattern Box] CONTRACTOR'S STORAGE AREA
- [Red Line] RUNWAY CLOSURE PHASE
- [Green Arrow] CONSTRUCTION TRAFFIC
- [Blue Arrow] AIRCRAFT MOVEMENT

**NOTES P1:**

- CONTRACTOR SHALL HAVE A TOTAL OF 42 CALENDAR DAYS TO COMPLETE PHASE 1.
  - PHASE 1A: 42 CALENDAR DAYS
  - PHASE 1B (WITHIN PHASE 1A): 5 CALENDAR DAYS
- CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL PERSON AND SWEEPER WHEN VEHICLES ARE USING TAXIWAY. CONTROLLER SHALL HAVE VHF RADIO AND CELL PHONE COMMUNICATION.
- PHASE 1B REQUIRES RUNWAY CLOSURE. SEE GENERAL PHASE NOTES ON CSP1 FOR RUNWAY CLOSURE DETAILS.

**CONSTRUCTION NOTES:**

- LIGHTED BARRICADE PER DETAIL 1 CSPP4
- PLACE UNLIGHTED RUNWAY CLOSURE 'X' PER DETAIL 2 CSPP3
- PLACE UNLIGHTED TAXIWAY CLOSURE 'X' PER DETAIL 3 CSPP4



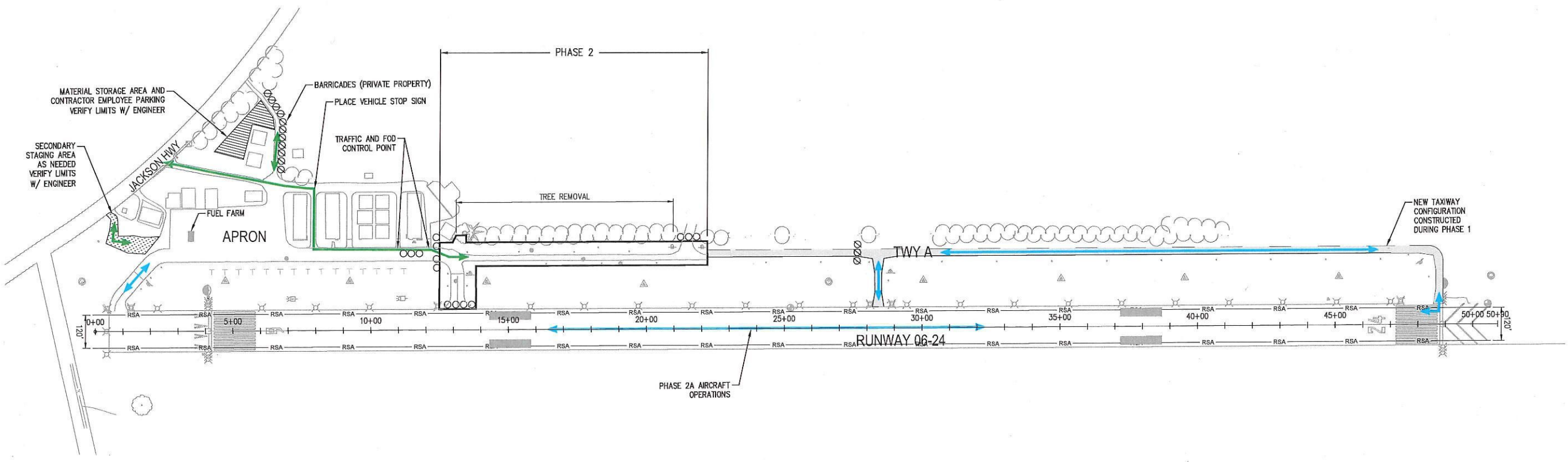
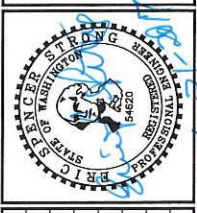
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**CONSTRUCTION SAFETY AND PHASING PLAN**  
**2016 TAXIWAY IMPROVEMENTS PROJECT**  
 ED CARLSON MEMORIAL FIELD  
 SOUTH LEWIS COUNTY AIRPORT  
 PROJECT NUMBER 11717W  
 DRAWING FILE NAME 11717W-C-CSP-P-PHASE 1  
 SCALE AS SHOWN

SHEET NUMBER  
**CSPP2**

[DATE: 6/22/2017 10:12 AM] [AUTHOR: dbushnell] [PLOTTER: DWG To PDF.pc3] [STYLE: WHP-Standard.ctb] [STYLE: WHP-Standard.ctb]  
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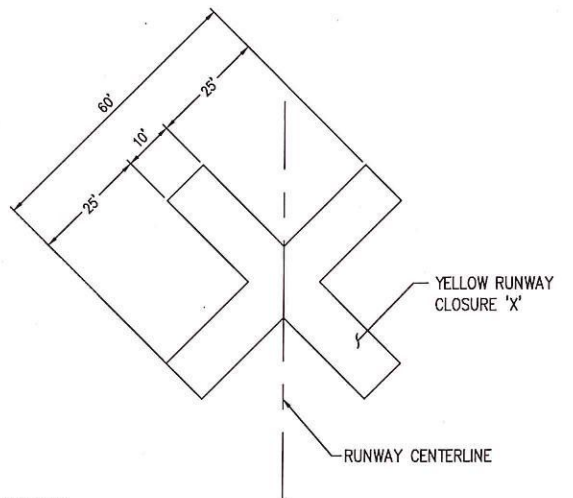
**PHASE 2 LAYOUT**  
 SCALE: 1"=200'

**WORK ELEMENTS:**

- PHASE 2:
- RECONSTRUCT TAXIWAY A
  - RECONSTRUCT TAXIWAY A2
  - INSTALL TAXIWAY EDGE LIGHTS

**NOTES P2:**

- CONTRACTOR SHALL HAVE A TOTAL OF 21 CALENDAR DAYS TO COMPLETE PHASE 2.
- CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL PERSON AND SWEEPER WHEN VEHICLES ARE USING TAXIWAY. CONTROLLER SHALL HAVE VHF RADIO AND CELL PHONE COMMUNICATION.



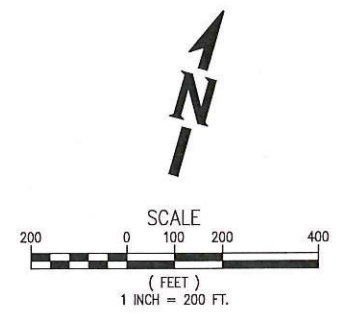
**NOTES:**

- CLOSURE 'X' SHALL BE YELLOW AND CONSTRUCTED OF COLORED PLASTIC OR FABRIC, PAINTED SHEETS OF PLYWOOD OR SIMILAR MATERIALS.
- CLOSURE 'X' SHALL BE PLACED ON OR NEAR THE RUNWAY DESIGNATION MARKINGS. CONFIRM LOCATION WITH ENGINEER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING, MAINTAINING, REMOVING AND SUPPLYING SAND BAGS OR SIMILAR MATERIALS TO HOLD 'X' IN PLACE.

**UNLIGHTED RUNWAY CLOSURE 'X' DETAIL**  
 SCALE: N.T.S.

**LEGEND:**

- LIGHTED BARRICADES
- CANDLESTICK BARRICADES
- ✕ UNLIGHTED TAXIWAY CLOSURE 'X'
- ⊗ UNLIGHTED RUNWAY CLOSURE 'X'
- [Dotted Pattern] CONTRACTOR'S STAGING AREA
- [Hatched Pattern] CONTRACTOR'S STORAGE AREA
- [Red Line] RUNWAY CLOSURE PHASE
- [Green Arrow] CONSTRUCTION TRAFFIC
- [Blue Arrow] AIRCRAFT MOVEMENT



**CONSTRUCTION NOTES:**

- LIGHTED BARRICADE PER DETAIL 1  
CSPP4
- PLACE UNLIGHTED RUNWAY CLOSURE 'X' PER DETAIL 2  
CSPP3
- PLACE UNLIGHTED TAXIWAY CLOSURE 'X' PER DETAIL 3  
CSPP4

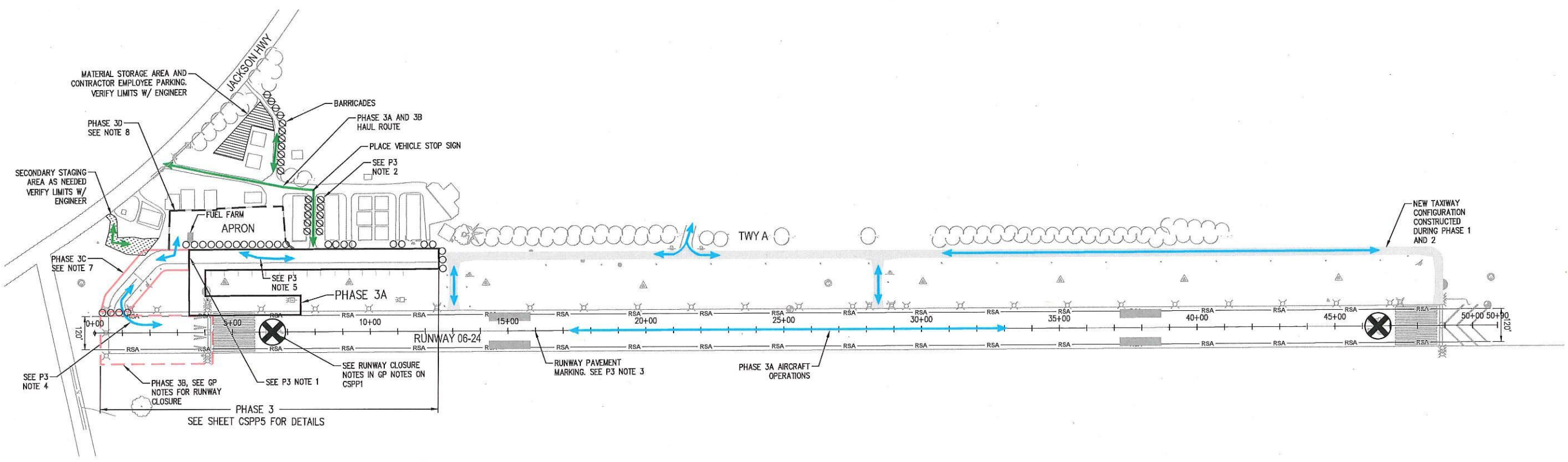
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**CONSTRUCTION SAFETY AND PHASING PLAN**  
**2016 TAXIWAY IMPROVEMENTS PROJECT**  
 ED CARLSON MEMORIAL FIELD  
 SOUTH LEWIS COUNTY AIRPORT  
 PROJECT NUMBER 11717W  
 DRAWING FILE NAME 11717W-C-CSPP-PHASE 2  
 SCALE AS SHOWN

SHEET NUMBER  
**CSPP3**

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**PHASE 3 LAYOUT**  
 SCALE: 1"=200'

**PHASE 3 (P3) NOTES:**

- PLACE CANDLESTICKS UPON COMPLETION OF PHASE 3A.
- PLACE CANDLESTICKS (3 EACH) 5 FEET IN FRONT OF EACH HANGAR DOOR, BOTH SIDES OF TAXILANE.
- RUNWAY MARKING SHALL BE ACCOMPLISHED DURING RUNWAY CLOSURE FOR PHASE 3B.
- AIRCRAFT OPERATIONS DURING PHASE 3A AND 3B.
- AIRCRAFT OPERATIONS DURING PHASE 3C. AIRCRAFT USE TO TAXIWAY TO APRON AFTER FIRST LIFT OF ASPHALT UNTIL PAVEMENT READY FOR FINIAL LIFT OF ASPHALT OVER PHASE 3A AND 3D REBUILD AREA. SEE SHEET CSPP5. PLACE TEMPORARY TAPER, 10:1 SLOPE, AT CONNECTION TO PHASE 2 AND FOR 25-FT SECTION ALONG APRON. DELINEATE WITH LIGHTED BARRICADE. COORDINATE WITH ENGINEER.
- PHASE 3D. TAXIWAY SHALL BE OPEN TO AIRCRAFT OPERATIONS AFTER PAVEMENT MARKING.
- BEGIN PHASE 3C ONCE PHASE 3A FIRST LIFT OF ASPHALT IS ACCEPTED AND PHASE 3B INITIATED. INTENT IS TO PAVE PHASE 3A AND 3C AT SAME TIME FOR SECOND LIFT.
- PHASE 3D. CRACK SEAL AND FOG SEAL APRON.

**NOTE P3:**

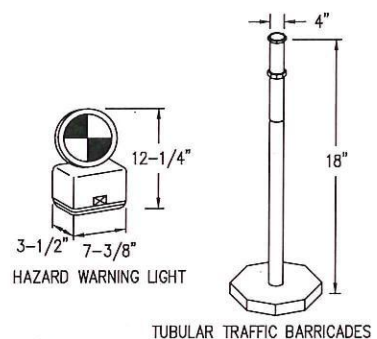
- CONTRACTOR SHALL HAVE A TOTAL OF 32 CALENDAR DAYS TO COMPLETE PHASE 3.
  - PHASE 3A: 30 CALENDAR DAYS
  - PHASE 3B (WITHIN PHASE 3A): 5 CALENDAR DAYS
  - PHASE 3C (WITHIN PHASE 3A): 3 CALENDAR DAYS
  - PHASE 3D (START WITH PHASE 3C): 5 CALENDAR DAYS

**CONSTRUCTION NOTES:**

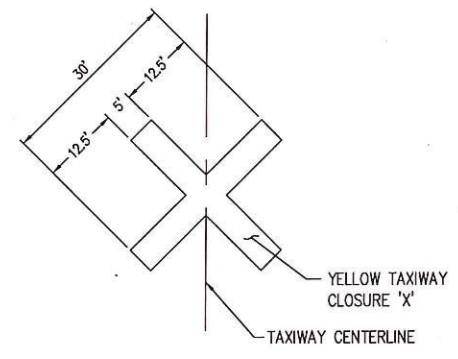
- LIGHTED BARRICADE PER DETAIL 1 CSPP4
- PLACE UNLIGHTED RUNWAY CLOSURE 'X' PER DETAIL 2 CSPP3
- PLACE UNLIGHTED TAXIWAY CLOSURE 'X' PER DETAIL 3 CSPP4

**LEGEND:**

- LIGHTED BARRICADES
- CANDLESTICK BARRICADES
- ✕ UNLIGHTED TAXIWAY CLOSURE 'X'
- ✕ UNLIGHTED RUNWAY CLOSURE 'X'
- RUNWAY CLOSURE PHASE
- CONSTRUCTION TRAFFIC
- AIRCRAFT MOVEMENT



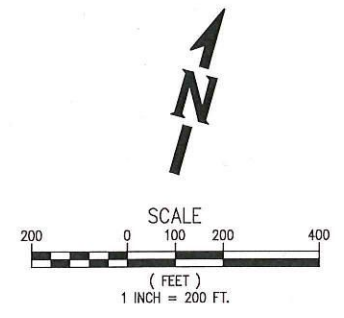
**LIGHTED BARRICADE DETAIL** 1 CSPP4  
 SCALE: N.T.S.



**UNLIGHTED TAXIWAY CLOSURE 'X' DETAIL** 3 CSPP4  
 SCALE: N.T.S.

**NOTES:**

- CLOSURE 'X' SHALL BE YELLOW AND CONSTRUCTED OF COLORED PLASTIC OR FABRIC, PAINTED SHEETS OF PLYWOOD OR SIMILAR MATERIALS.
- CLOSURE 'X' SHALL BE PLACED ON OR NEAR THE RUNWAY DESIGNATION MARKINGS. CONFIRM LOCATION WITH WITH ENGINEER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING, MAINTAINING, REMOVING AND SUPPLYING SAND BAGS OR SIMILAR MATERIALS TO HOLD 'X' IN PLACE.



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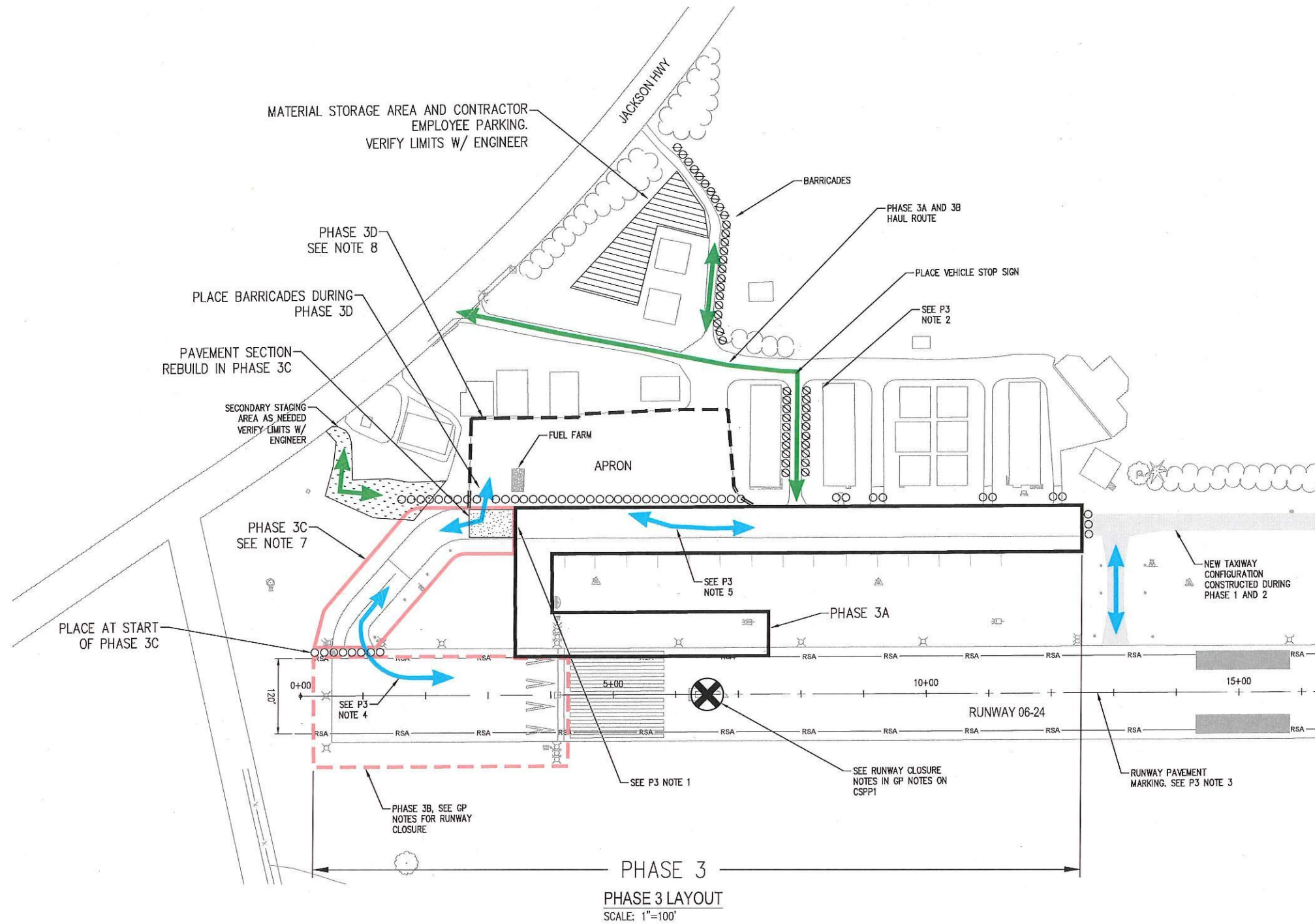
  

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**CONSTRUCTION SAFETY AND PHASING PLAN**  
**2016 TAXIWAY IMPROVEMENTS PROJECT**  
 ED CARLSON MEMORIAL FIELD  
 SOUTH LEWIS COUNTY AIRPORT  
 PROJECT NUMBER 11717W  
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 SCALE AS SHOWN

SHEET NUMBER  
**CSPP4**




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**WORK ELEMENTS:**

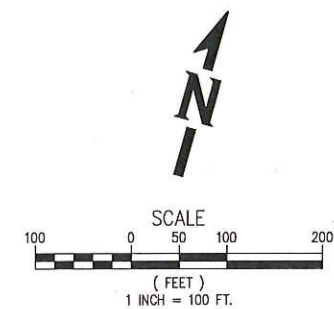
- PHASE 3A:**
- RECONSTRUCT TAXIWAY
  - BUILD TAXIWAY A3
  - INSTALL PAPI
  - INITIATE REIL INSTALL
- PHASE 3B:**
- EDGE LIGHTING CHANGE
  - COMPLETE REIL INSTALLATION
  - INSTALL NEW THRESHOLD LIGHTS
  - RUNWAY PAVEMENT MARKING
- PHASE 3C:**
- REMOVE EXISTING PAVEMENT
  - INSTALL TAXIWAY EDGE LIGHTS
- PHASE 3D:**
- APRON CRACK SEAL AND FOG SEAL
  - RECONSTRUCT END OF TAXIWAY A

**CONSTRUCTION NOTES:**

1. LIGHTED BARRICADE PER DETAIL  CSPP4
2. PLACE UNLIGHTED RUNWAY CLOSURE 'X' PER DETAIL  CSPP3
3. PLACE UNLIGHTED TAXIWAY CLOSURE 'X' PER DETAIL  CSPP4

**LEGEND:**

-  LIGHTED BARRICADES
-  CANDLESTICK BARRICADES
-  UNLIGHTED TAXIWAY CLOSURE 'X'
-  UNLIGHTED RUNWAY CLOSURE 'X'
-  RUNWAY CLOSURE PHASE
-  CONSTRUCTION TRAFFIC
-  AIRCRAFT MOVEMENT



**WHPacific**  
12100 NE 165th St, Ste 300  
Bothell, WA 98011  
425-951-4800 Fax 425-951-4808  
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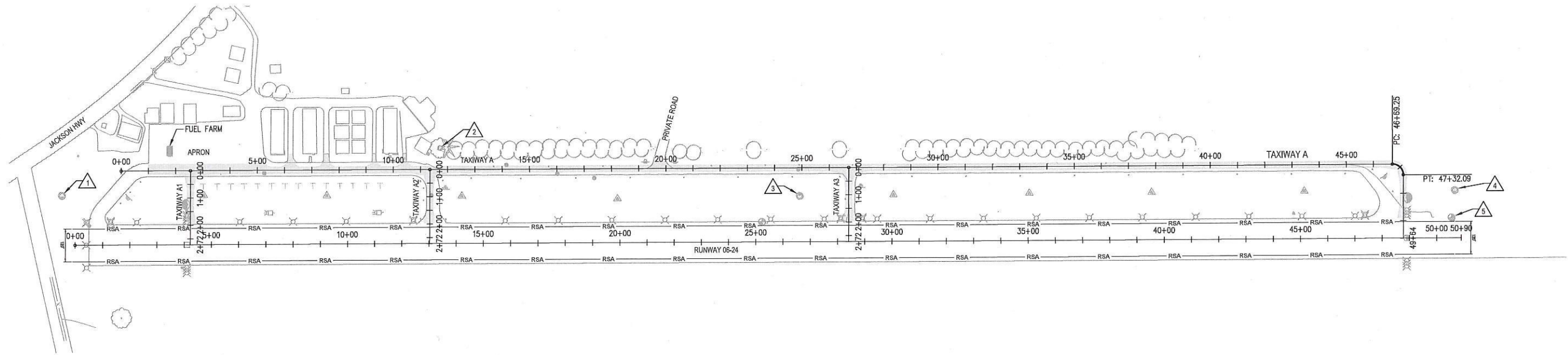
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**CONSTRUCTION SAFETY AND PHASING PLAN**  
**2016 TAXIWAY IMPROVEMENTS PROJECT**  
ED CARLSON MEMORIAL FIELD  
SOUTH LEWIS COUNTY AIRPORT  
PROJECT NUMBER 11717W  
DRAWING FILE NAME 11717W-C-CSPP-PHASE 3  
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SHEET NUMBER  
**CSPP5**

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ALIGNMENT NAME: TAXIWAY A				
STATION RANGE: START: 0+00, END: 49+64.09				
PI STATION	NORTHING	EASTING	DISTANCE	DIRECTION
0+00	425288.043'	1057062.914'		
			4709.25'	N75°22'58"E
47+09.25	426476.463'	1061619.747'		
			272.00'	S14°37'02"E
49+64.09	426213.266'	1061688.389'		

ALIGNMENT NAME: TAXIWAY A2				
STATION RANGE: START: 0+00, END: 2+72.00				
PI STATION	NORTHING	EASTING	DISTANCE	DIRECTION
0+00	425574.247'	1058160.323'		
			272.00'	S14°37'02"E
2+72.00	425311.050'	1058228.965'		

SURVEY CONTROL				
ID	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	425146.369'	1056875.290'	351.86'	PID DK7937 NGS MONUMENT LCA1 SAC
2	425659.961'	1058177.378'	355.17'	1/2" REBAR W/YELLOW PLASTIC CAP CMB LS 36792
3	425816.512'	1059501.180'	361.80'	PID DK7936 NGS MONUMENT LCA2 PAC
4	426429.714'	1061826.316'	372.27'	PID DK7938 NGS MONUMENT LCA3 SAC
5	426329.588'	1061840.607'	374.04'	PID SC1531 NGS MONUMENT

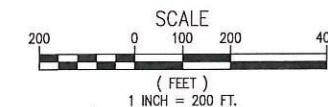
NOTE: SURVEY CONTROL SHALL BE VERIFIED BY CONTRACTOR'S SURVEYOR PRIOR TO CONSTRUCTION. DISCREPANCIES SHALL BE SUBMITTED TO THE ENGINEER BEFORE CONSTRUCTION STAKING OR PROJECT LAYOUT.

ALIGNMENT NAME: TAXIWAY A1				
STATION RANGE: START: 0+00, END: 2+72.00				
PI STATION	NORTHING	EASTING	DISTANCE	DIRECTION
0+00	425352.255'	1057309.128'		
			272.00'	S14°37'02"E
2+72.00	425089.058'	1057377.769'		

ALIGNMENT NAME: TAXIWAY A3				
STATION RANGE: START: 0+00, END: 2+72.00				
PI STATION	NORTHING	EASTING	DISTANCE	DIRECTION
0+00	425962.467'	1059648.902'		
			272.00'	S14°37'02"E
2+72.00	425699.271'	1059717.544'		

**SURVEY NOTES:**

- DATUM: NAD 83 (2011) EPOCH 2010, WASHINGTON STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAVD88 (USFT).
- FIELD MEASUREMENTS FOR THE SURVEY WERE TAKEN ON JANUARY 20-25, 2016 WITH A TRIMBLE S6 TOTAL STATION INSTRUMENT AND MEET OR EXCEED A LINEAR CLOSURE OF 1:15,000. ALL PRIMARY MEASUREMENT EQUIPMENT UTILIZED HAS BEEN COMPARED AND ADJUSTED TO A NATIONAL GEODETIC SURVEY CALIBRATED BASELINE WITHIN THE LAST YEAR.
- GPS MEASUREMENTS WERE MADE ON JANUARY 20, 2016 USING TRIMBLE RB MODEL 4 & R10 RECEIVERS WITH INTERNAL ANTENNAS. GPS DATA WAS PROCESSED WITH TRIMBLE BUSINESS CENTER, GPS NETWORK POST PROCESSING SOFTWARE VERSION 3.60. THE PAC, N.G.S. DESIGNATION "LCA2 PAC", PID DK7936, POSITION WAS HELD.

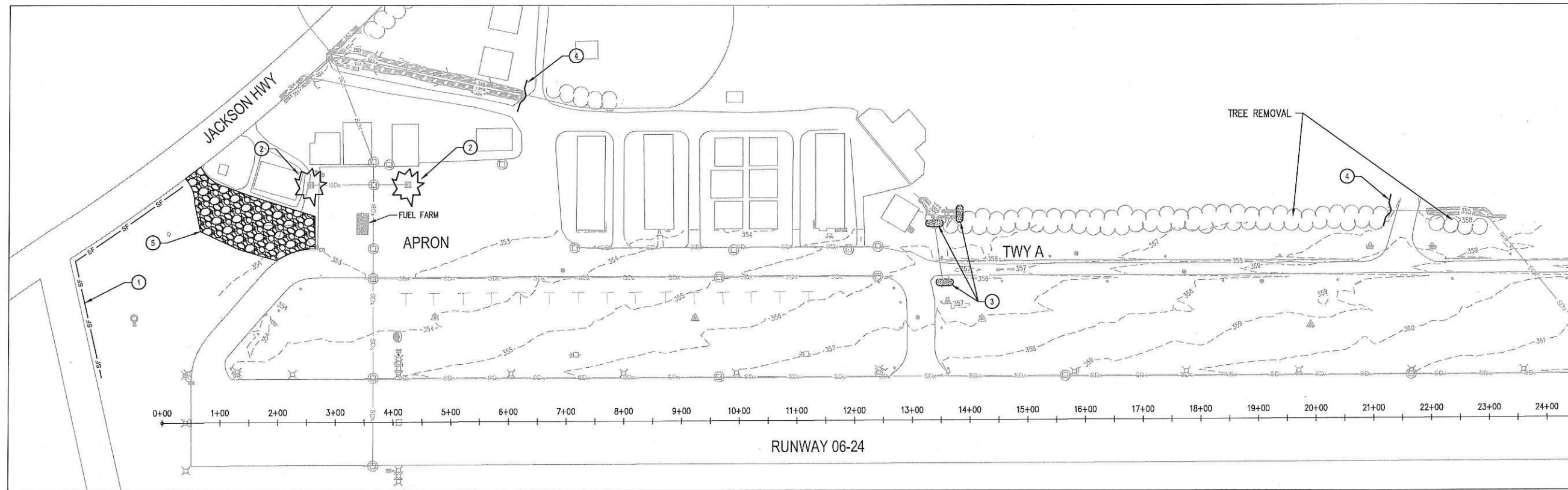


REVISIONS	NO.	BY	DATE	REMARKS

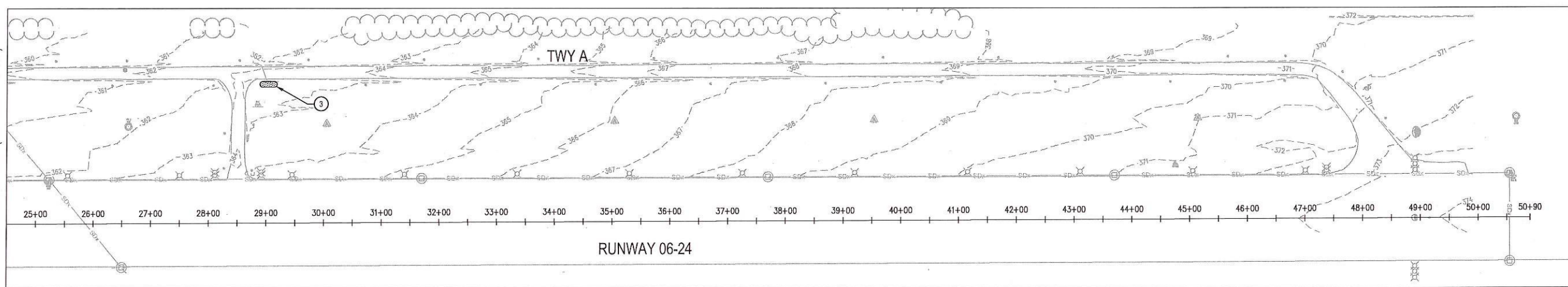
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DRAWN	DB
CHECKED	JS
APPROVED	ES
LAST EDIT	6/13/2017
PLOT DATE	6/20/2017
SUBMITTAL	

**SURVEY CONTROL PLAN**  
 2016 TAXIWAY IMPROVEMENTS PROJECT  
 ED CARLSON MEMORIAL FIELD  
 SOUTH LEWIS COUNTY AIRPORT  
 PROJECT NUMBER 11717W  
 DRAWING FILE NAME 11717W-C-TR00  
 SCALE AS SHOWN

DATE: 6/20/2017 8:08 PM [AUTHOR: dbusmeil] [PLOTTER: DWG To PDF.pc3] [STYLE: WHP-Standard.ctb] [LAYOUT: C4]  
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MATCHLINE STA. 24+50 (SEE BELOW LEFT)







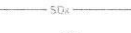



**GRADING AND EROSION CONTROL NOTES:**

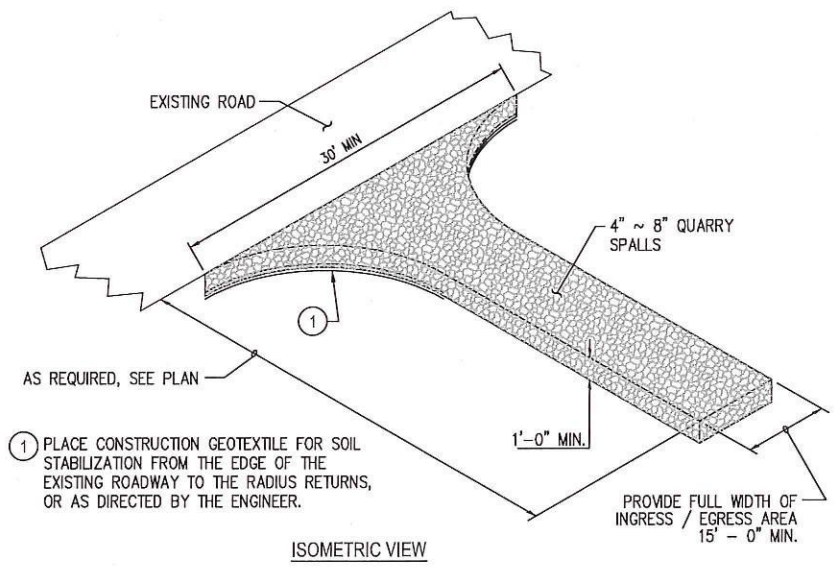
1. THE EROSION CONTROL FACILITIES DEPICTED ON THE APPROVED DRAWINGS ARE INTENDED TO BE MINIMUM REQUIREMENTS TO MEET ANTICIPATED SITE CONDITIONS. ADDITIONAL DRAINAGE AND EROSION CONTROL FACILITIES MAY BE REQUIRED AS SITUATIONS WARRANT DURING CONSTRUCTION. THE IMPLEMENTATION, MAINTENANCE, REPLACEMENT AND ADDITIONS TO THESE CONTROL SYSTEMS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
  2. THE TEMPORARY EROSION CONTROL FACILITIES, INCLUDING ALL PERIMETER CONTROLS, SHALL REMAIN IN PLACE UNTIL FINAL SITE CONSTRUCTION IS COMPLETED AND APPROVAL HAS BEEN RECEIVED FROM THE COUNTY, ENGINEER, AND FAA.
  3. DUST CONTROL MEASURES SHALL BE USED TO PREVENT WIND TRANSPORT OF DUST FROM DISTURBED SOIL SURFACES. THE ORIGINAL GROUND SURFACE SHALL BE MAINTAINED AS LONG AS PRACTICAL TO LIMIT DUST GENERATION.
  4. DENUDED AREAS AND SOIL STOCKPILES MUST BE STABILIZED ACCORDING TO THE FOLLOWING SCHEDULE:
    - FROM NOVEMBER 1 TO MARCH 31, ALL EXPOSED SOILS AT FINAL GRADE SHALL BE STABILIZED IMMEDIATELY USING PERMANENT OR TEMPORARY MEASURES. EXPOSED SOILS WITH AN AREA GREATER THAN 5,000 SQUARE FEET THAT ARE SCHEDULED TO REMAIN UNWORKED FOR MORE THAN 24 HOURS AND EXPOSED AREA OF LESS THAN 5,000 SQUARE FEET THAT WILL REMAIN UNWORKED FOR MORE THAN 7 DAYS SHALL BE STABILIZED IMMEDIATELY.
    - FROM APRIL 1 TO OCTOBER 31, ALL DENUDED AREAS AT FINAL GRADE AND ALL EXPOSED AREAS THAT ARE SCHEDULED TO REMAIN UNWORKED FOR MORE THAN 30 DAYS SHALL BE STABILIZED WITHIN 10 DAYS.
- ALL STOCKPILED MATERIAL SHALL REQUIRE AN APPROVED SILT FENCE ON DOWNHILL EDGES TO PREVENT EROSION OF MATERIAL FROM LEAVING STOCKPILED AREAS.

**# CONSTRUCTION NOTES:**

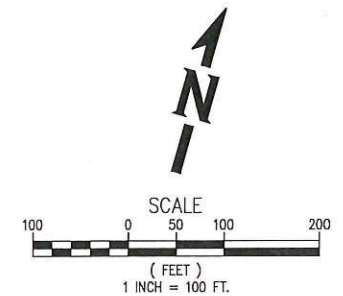
1. INSTALL SILT FENCE PER WSDOT STD PLAN I-30.15-02.
2. INSTALL STORM DRAIN INLET PROTECTION PER WSDOT STD PLAN I-40.20-00.
3. INSTALL BIODEGRADABLE CHECK DAM PER WSDOT STD PLAN I-50.20-01.
4. INSTALL EROSION CONTROL AT CULVERT ENDS PER WSDOT STD PLAN I-30.20-00.
5. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE (PER DETAIL THIS SHEET).

**LEGEND:**

	STORM DRAIN INLET PROTECTION
	SILT FENCE
	BIODEGRADABLE CHECK DAM
	EROSION CONTROL AT CULVERT ENDS
	EXISTING STORM LINE
	EXISTING STORM DRAIN MANHOLE
	EXISTING CATCH BASIN TYPE 1
	STABILIZED CONSTRUCTION ENTRANCE



ISOMETRIC VIEW  
 STABILIZED CONSTRUCTION ENTRANCE DETAIL 1  
 SCALE: AS NOTED  
 C4

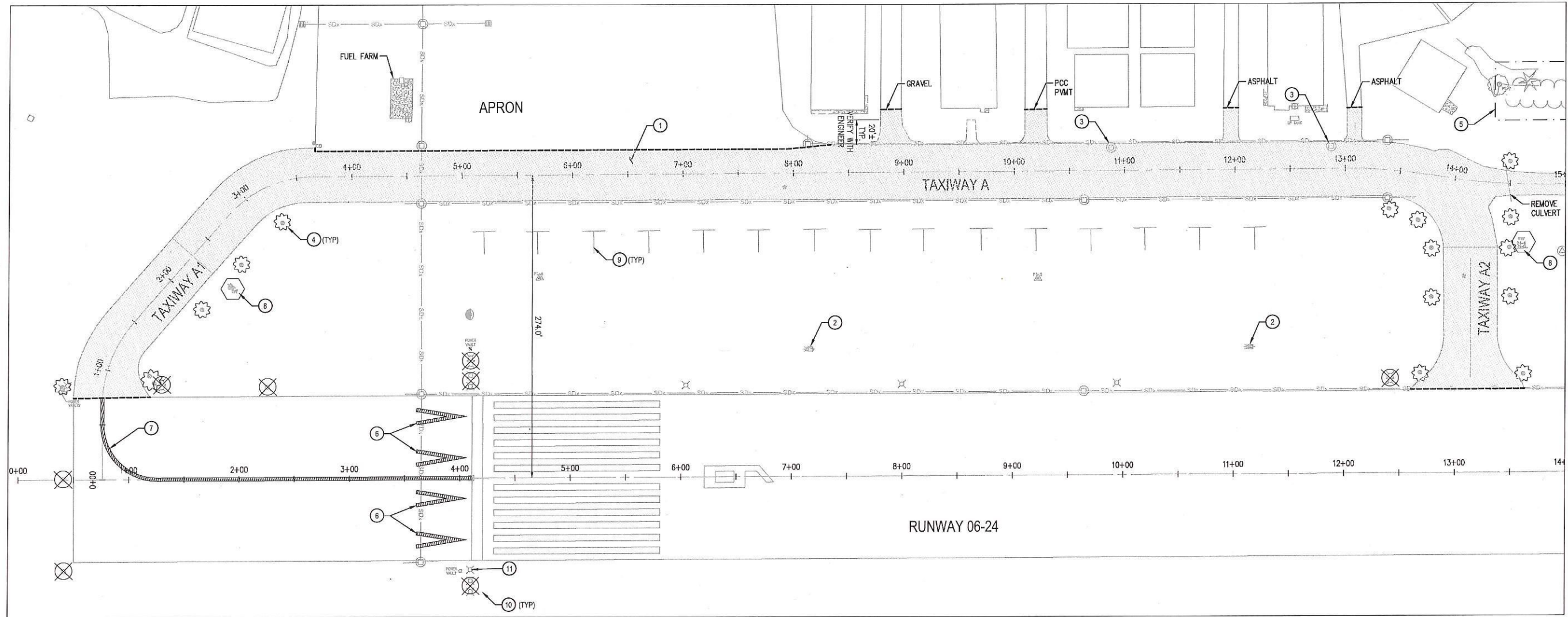


REVISIONS		NO.	BY	DATE	REMARKS

SHEET INFO	
DESIGNED	DB
DRAWN	DB
CHECKED	JS
APPROVED	ES
LAST EDIT	6/20/2017
PLOT DATE	6/20/2017
SUBMITTAL	

**TEMPORARY EROSION CONTROL PLAN**  
**2016 TAXIWAY IMPROVEMENTS PROJECT**  
**ED CARLSON MEMORIAL FIELD**  
**SOUTH LEWIS COUNTY AIRPORT**  
 PROJECT NUMBER 11717W  
 DRAWING FILE NAME 11717W-C-EC00  
 SCALE AS SHOWN

DATE: 6/22/2017 9:37 AM [AUTHOR: dbusmeil] [PLOTTER: DWG To PDF.pc3] [STYLE: WHP-Standard.ctb]  
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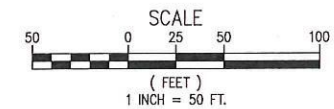
MATCHLINE STA. 15+00 (SEE SHEET C6)

**# DEMOLITION NOTES:**

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. PULVERIZE FULL DEPTH ASPHALT PAVEMENT.</li> <li>2. EXISTING VASI TO BE REMOVED. ITEM SHALL INCLUDE FOUNDATION REMOVAL, BACKFILL, TOPSOIL, AND DISCONNECT AT POWER SOURCE. WRE SHALL BE REMOVED.</li> <li>3. PROTECT EXISTING STRUCTURES.</li> <li>4. EXISTING TAXIWAY REFLECTORS TO BE REMOVED AND RETURNED TO OWNER, TYP.</li> <li>5. TREE REMOVAL EASEMENT LIMITS.</li> <li>6. REMOVE EXISTING ARROWHEAD MARKING.</li> </ol> | <ol style="list-style-type: none"> <li>7. REMOVE EXISTING TAXIWAY CENTERLINE MARKING.</li> <li>8. EXISTING GUIDANCE SIGN TO BE REMOVED AND RETURNED TO OWNER.</li> <li>9. REMOVE TIRE/TIE-DOWN, INCIDENTAL TO UNCLASSIFIED EXCAVATION, TYP.</li> <li>10. TAXIWAY/THRESHOLD LIGHTS AND CANS TO BE REMOVED, TYP. SEE ELECTRICAL SHEETS FOR NEW CONFIGURATION.</li> <li>11. REMOVE THRESHOLD LIGHT. PROTECT CAN TO BE USED AS JUNCTION TO NEW LIGHT LOCATIONS.</li> </ol> |
|--|--|

**LEGEND:**

- |                        |                                |
|------------------------|--------------------------------|
| [Hatched Box]          | PAVEMENT REMOVAL               |
| [Dashed Line]          | FULL DEPTH SAWCUT              |
| [Star Symbol]          | REMOVE REFLECTOR               |
| [Hexagon Symbol]       | REMOVE GUIDANCE SIGN           |
| [Circle with X Symbol] | REMOVE TAXIWAY/THRESHOLD LIGHT |



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REVISIONS	NO.	BY	DATE	REMARKS

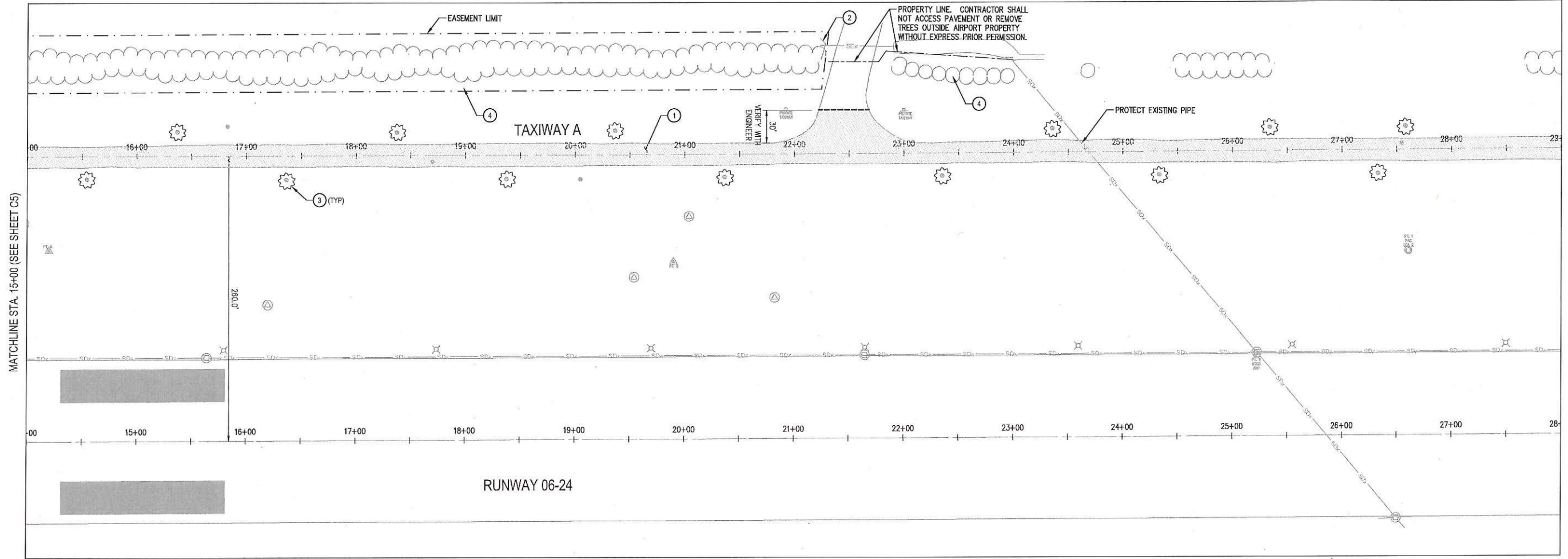
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DRAWN	DB
CHECKED	JS
APPROVED	ES
LAST EDIT	6/22/2017
PLOT DATE	6/22/2017
SUBMITTAL	

**DEMOLITION PLAN**  
**2016 TAXIWAY IMPROVEMENTS PROJECT**  
 ED CARLSON MEMORIAL FIELD  
 SOUTH LEWIS COUNTY AIRPORT  
 PROJECT NUMBER 11717W DRAWING FILE NAME 11717W-C-DM00 SCALE AS SHOWN

SHEET NUMBER  
**C5**

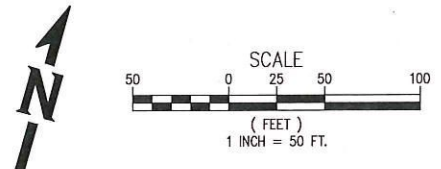


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- # DEMOLITION NOTES:
1. PULVERIZE FULL DEPTH ASPHALT PAVEMENT.
  2. PROTECT EXISTING STRUCTURES.
  3. EXISTING TAXIWAY REFLECTORS TO BE REMOVED AND RETURNED TO OWNER, TYP.
  4. TREE REMOVAL LIMITS. VERIFY WITH ENGINEER. CONTRACTOR SHALL REMOVE TREES AND STUMPS FROM SITE FROM SOUTH SIDE OF TREE LINES. CONTRACTOR OPERATIONS SHALL REMAIN WITHIN EASEMENT AND AIRPORT PROPERTY AT ALL TIMES. REHABILITATE DITCH AND SLOPES WITH EXCESS UNCLASSIFIED EXCAVATION, GRADING AND COMPACTION AFTER TREE REMOVAL.

- LEGEND:
- PAVEMENT REMOVAL
  - FULL DEPTH SAWCUT
  - REMOVE REFLECTOR
  - REMOVE GUIDANCE SIGN
  - REMOVE TAXIWAY/THRESHOLD LIGHT



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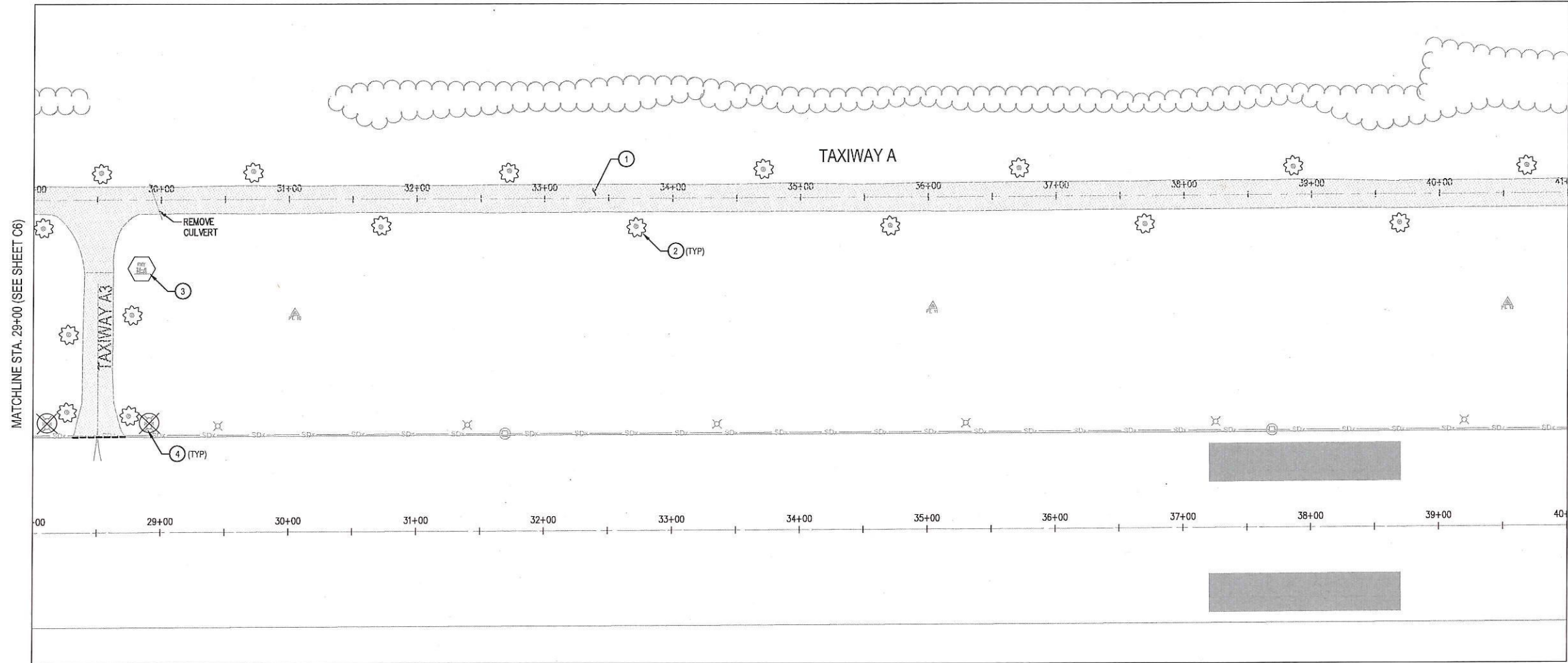
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NO.	BY	DATE

SHEET INFO	
DESIGNED	DB
DRAWN	DB
CHECKED	JS
APPROVED	ES
LAST EDIT	6/20/2017
PLOT DATE	6/22/2017
SUBMITTAL	

DEMOLITION PLAN  
 2016 TAXIWAY IMPROVEMENTS PROJECT  
 ED CARLSON MEMORIAL FIELD  
 SOUTH LEWIS COUNTY AIRPORT  
 PROJECT NUMBER 11717W  
 DRAWING FILE NAME 11717W-C-DM00  
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

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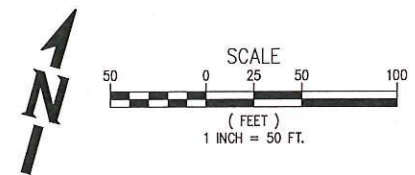
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- # DEMOLITION NOTES:
1. PULVERIZE FULL DEPTH ASPHALT PAVEMENT.
  2. EXISTING TAXIWAY REFLECTORS TO BE REMOVED AND RETURNED TO OWNER, TYP.
  3. EXISTING GUIDANCE SIGN TO BE REMOVED AND RETURNED TO OWNER.
  4. TAXIWAY/THRESHOLD LIGHTS AND CANS TO BE REMOVED, TYP. SEE ELECTRICAL SHEETS FOR NEW CONFIGURATION.

LEGEND:

-  PAVEMENT REMOVAL
-  FULL DEPTH SAWCUT
-  REMOVE REFLECTOR
-  REMOVE GUIDANCE SIGN
-  REMOVE TAXIWAY/THRESHOLD LIGHT



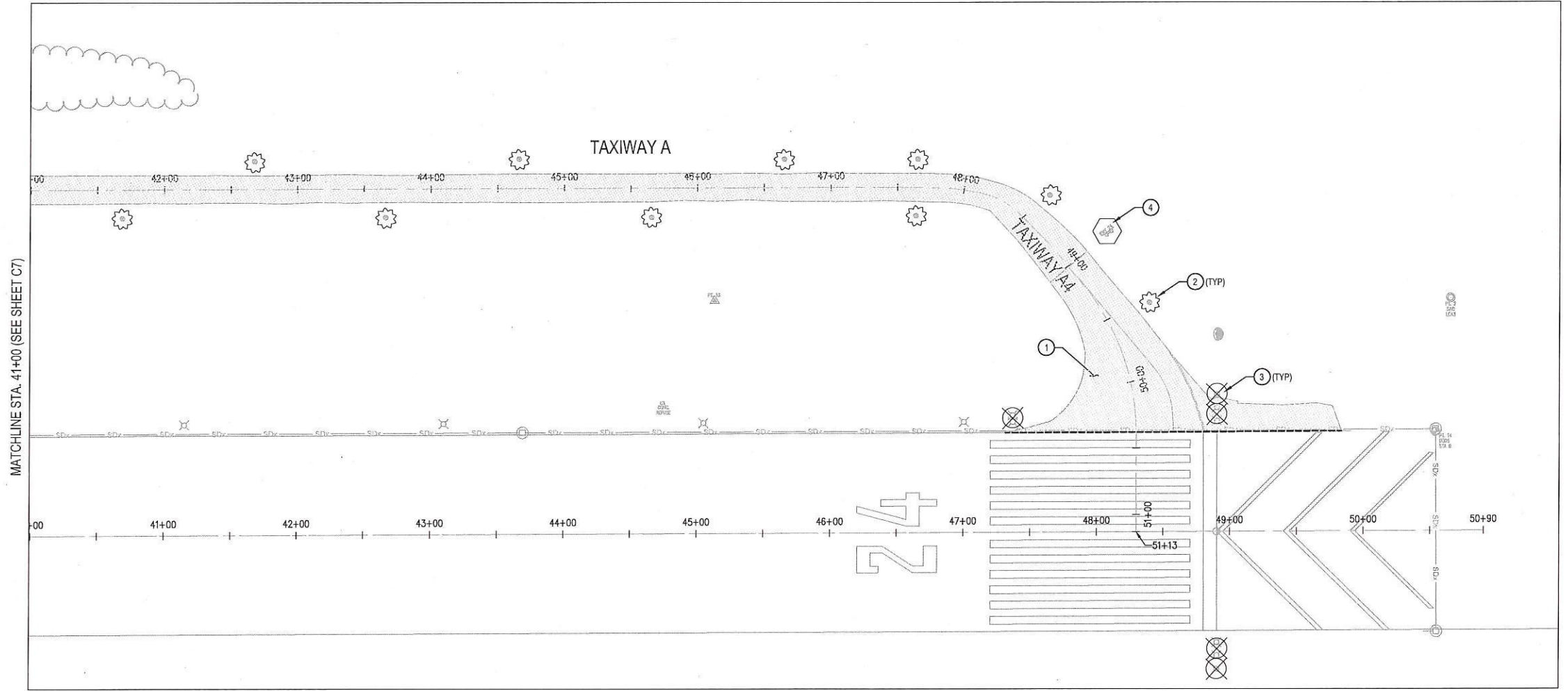
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NO.	BY	DATE

SHEET INFO	
DESIGNED	DB
DRAWN	DB
CHECKED	JS
APPROVED	ES
LAST EDIT	6/20/2017
PLOT DATE	6/20/2017
SUBMITTAL	

DEMOLITION PLAN  
 2016 TAXIWAY IMPROVEMENTS PROJECT  
 ED CARLSON MEMORIAL FIELD  
 SOUTH LEWIS COUNTY AIRPORT  
 PROJECT NUMBER 11717W  
 DRAWING FILE NAME 11717W-C-DM00  
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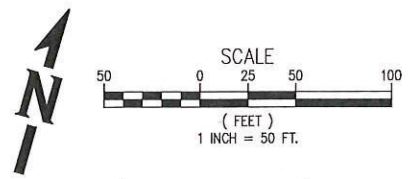
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- # DEMOLITION NOTES:
- PULVERIZE FULL DEPTH ASPHALT PAVEMENT.
  - EXISTING TAXIWAY REFLECTORS TO BE REMOVED AND RETURNED TO OWNER, TYP.
  - TAXIWAY/THRESHOLD LIGHTS AND CANS TO BE REMOVED, TYP. SEE ELECTRICAL SHEETS FOR NEW CONFIGURATION.
  - EXISTING GUIDANCE SIGN TO BE REMOVED AND RETURNED TO OWNER.

- LEGEND:
- PAVEMENT REMOVAL
  - FULL DEPTH SAWCUT
  - REMOVE REFLECTOR
  - REMOVE GUIDANCE SIGN
  - REMOVE TAXIWAY/THRESHOLD LIGHT



DEMOLITION PLAN  
 2016 TAXIWAY IMPROVEMENTS PROJECT  
 ED CARLSON MEMORIAL FIELD  
 SOUTH LEWIS COUNTY AIRPORT

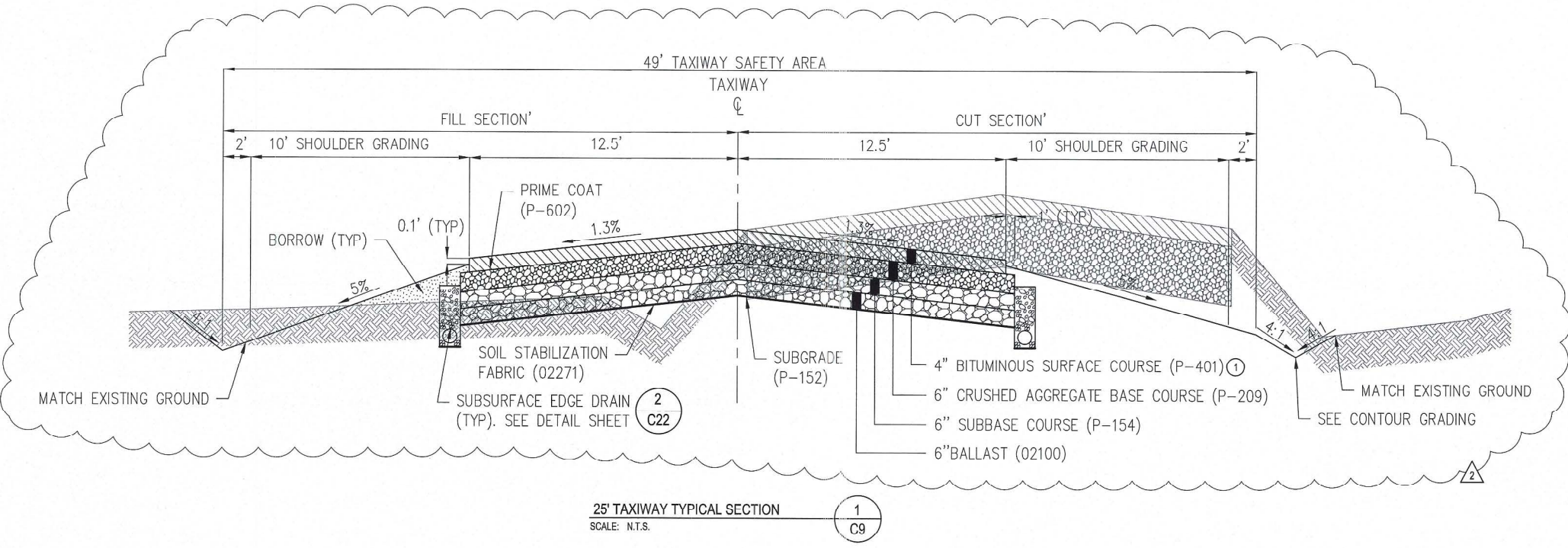
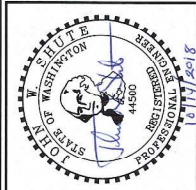
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PLOT DATE	6/20/2017
SUBMITTAL	

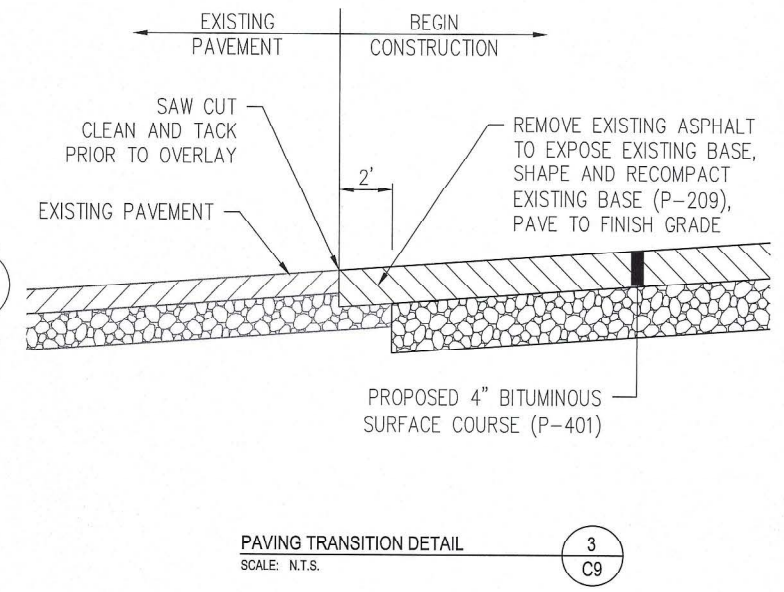
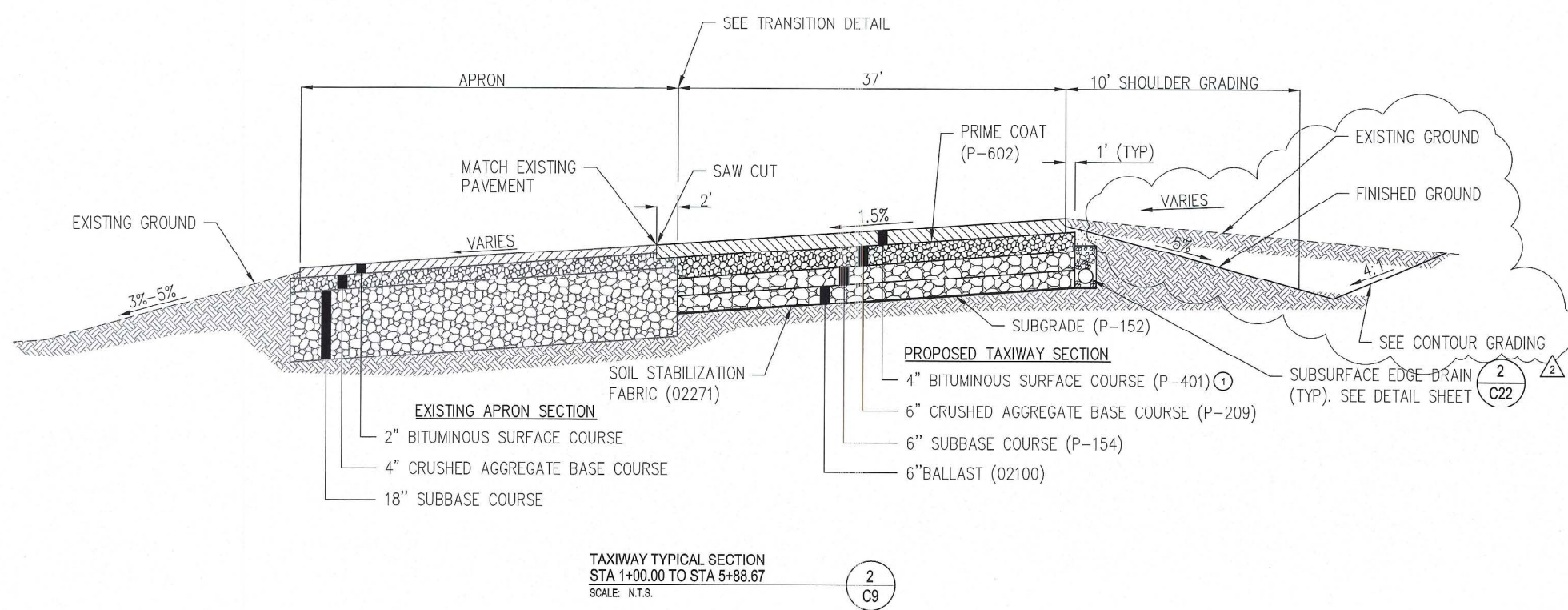
REVISIONS	NO.	BY	DATE	REMARKS



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NOTES:  
 1. ASPHALT SHALL BE PLACED IN TWO LIFTS. THE FINAL LIFT THICKNESS SHALL BE BETWEEN 0.15 FT AND 0.20 FT THICK



REVISIONS	NO.	BY	DATE	REMARKS
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	2	GH	5-22-18	CHANGE ORDER 1

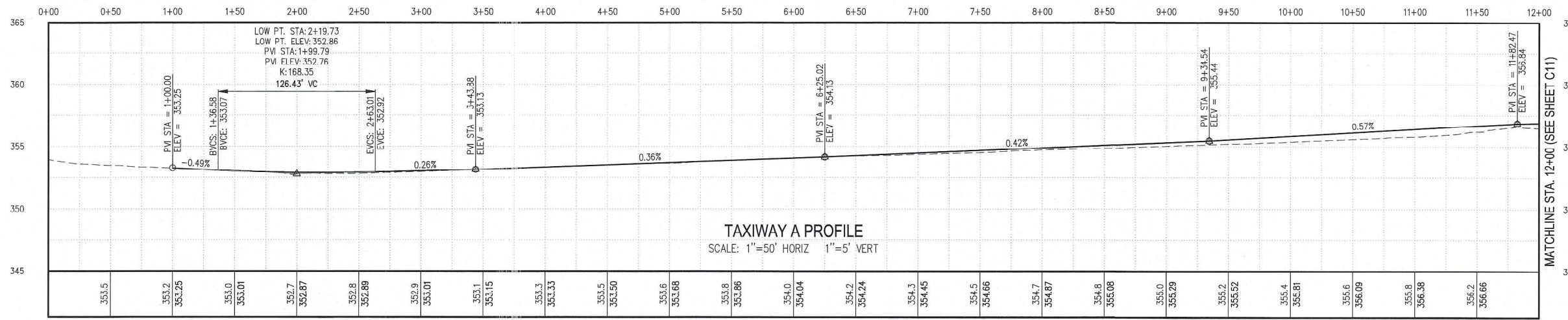
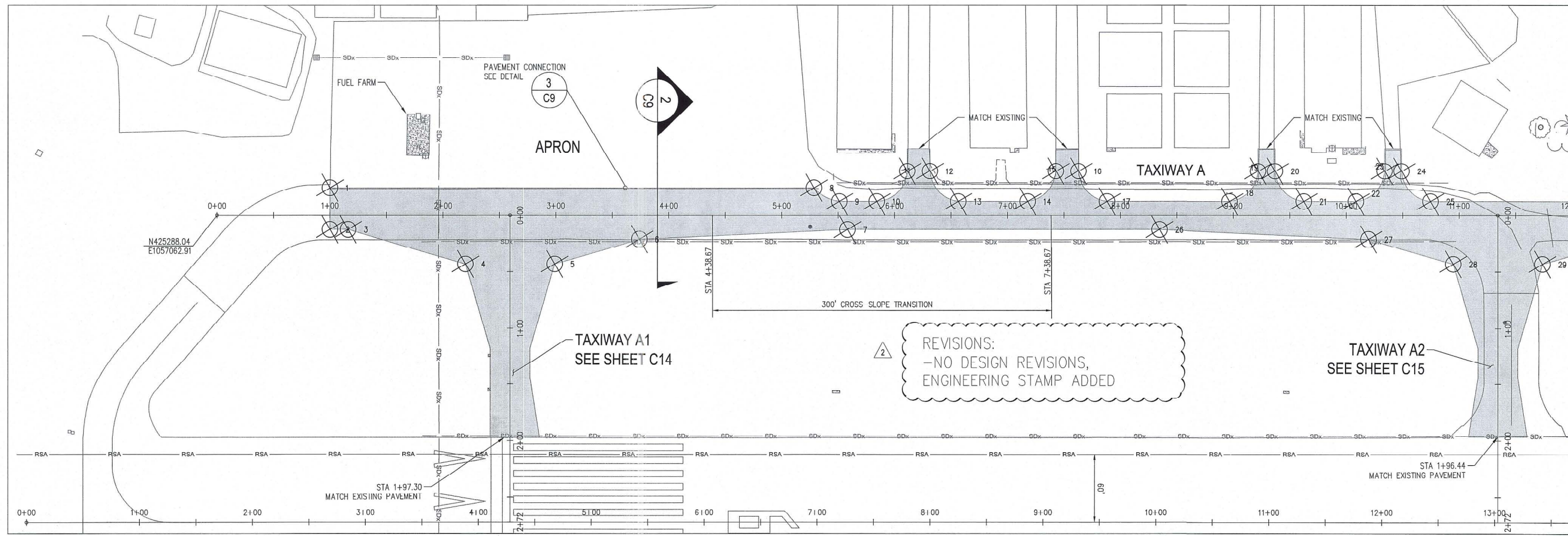
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**TYPICAL SECTIONS**  
**2016 TAXIWAY IMPROVEMENTS PROJECT**  
 ED CARLSON MEMORIAL FIELD  
 SOUTH LEWIS COUNTY AIRPORT  
 PROJECT NUMBER 11717W  
 DRAWING FILE NAME 11717W-C-TS00  
 SCALE AS SHOWN

SHEET NUMBER  
**C9**

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[DATE: 6/20/2018 2:44 PM] [AUTHOR: a3rd] [PLOTTER: DWG To PDF.pc3] [STYLE: WHP-Standard.ctb] [LA^OUT: C10]  
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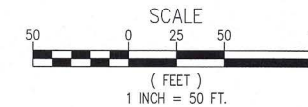
Point #	Elevation	Northing	Easting
1	353.06	425336.99	1057153.52
2	353.34	425301.19	1057162.85
3	353.26	425305.24	1057178.38
4	353.26	425301.97	1057286.59
5	353.30	425321.90	1057363.03
6	353.35	425362.12	1057430.05
7	353.77	425416.85	1057606.34
8	353.51	425445.16	1057568.28
9	353.70	425439.20	1057592.96
10	353.82	425447.58	1057625.09

Point #	Elevation	Northing	Easting
11	353.83	425480.54	1057644.50
12	353.83	425485.59	1057663.85
13	354.10	425465.78	1057694.88
14	354.36	425481.30	1057754.40
15	354.23	425513.74	1057771.78
16	354.23	425518.78	1057791.13
17	354.66	425499.02	1057822.35
18	355.11	425526.41	1057927.36
19	354.84	425558.93	1057945.07
20	354.84	425562.71	1057959.58

Point #	Elevation	Northing	Easting
21	355.43	425543.00	1057990.98
22	355.69	425554.65	1058035.65
23	355.38	425587.20	1058053.47
24	355.38	425590.99	1058067.98
25	356.07	425571.30	1058099.50
26	354.85	425486.57	1057873.68
27	355.66	425525.03	1058054.83
28	356.13	425522.67	1058132.95
29	356.20	425542.61	1058209.40

LEGEND:

- NEW PAVEMENT SECTION/WORK AREA
- RUNWAY SAFETY AREA



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REVISIONS		SHEET INFO	
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1	DB	7/7/17	ADDENDUM #2
2	AB	6/22/18	CHANGE ORDER #1

DESIGNED	DB	DRAWN	DB	CHECKED	JS	APPROVED	ES	LAST EDIT	6/20/2018	PLT DATE	6/20/2018	SUBMITTAL

**TAXIWAY A PLAN AND PROFILE**  
**2016 TAXIWAY IMPROVEMENTS PROJECT**  
**ED CARLSON MEMORIAL FIELD**  
**SOUTH LEWIS COUNTY AIRPORT**

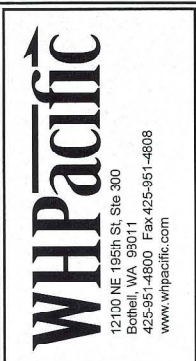
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DRAWING FILE NAME  
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SCALE  
AS SHOWN

SHEET NUMBER  
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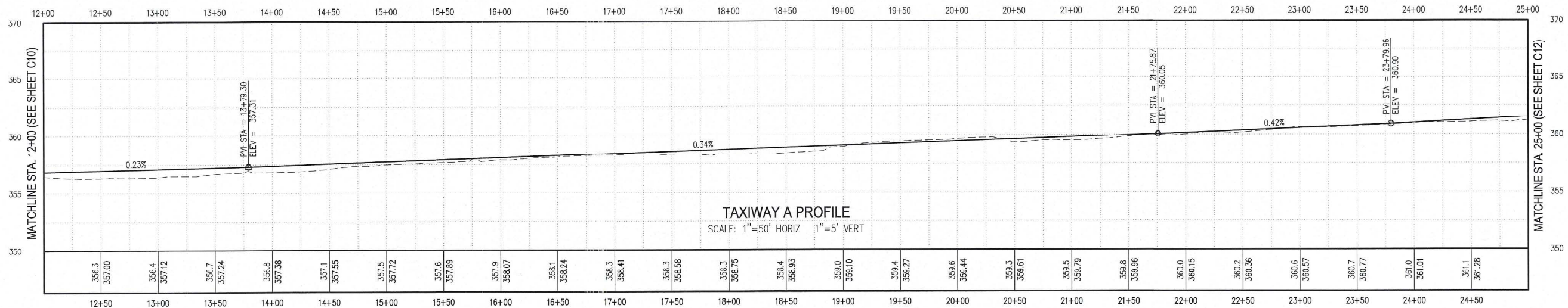
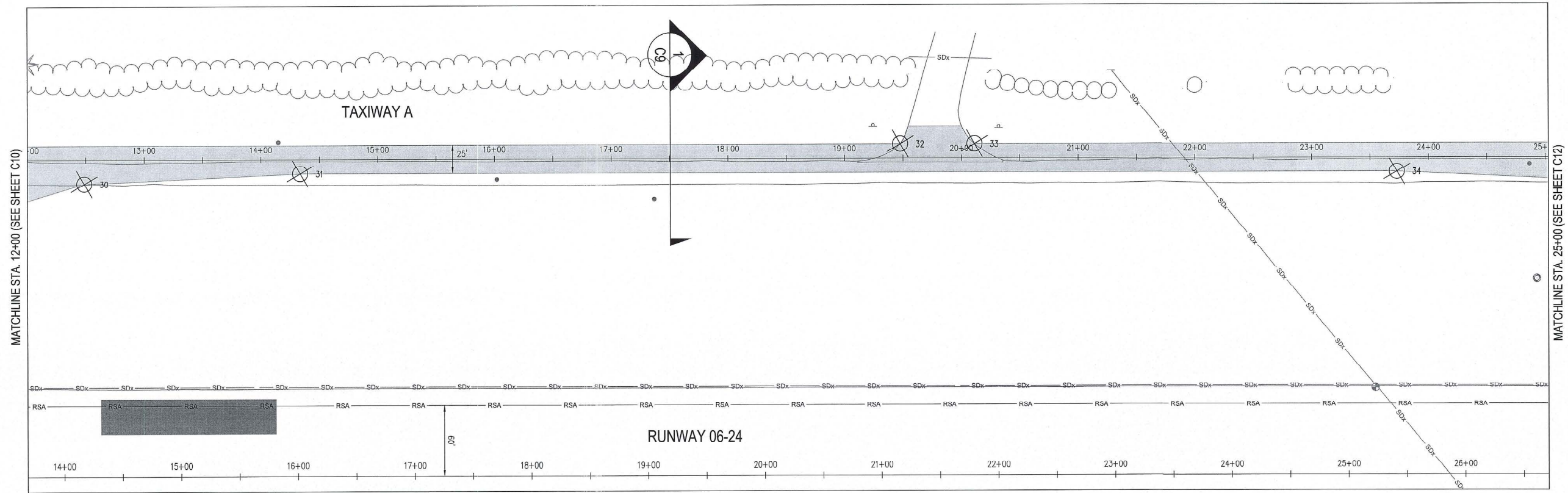
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SHEET INFO	
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DRAWN	DB
CHECKED	JS
APPROVED	ES
LAST EDIT	6/20/2018
PLOT DATE	6/20/2018
SUBMITAL	

**TAXIWAY A PLAN AND PROFILE**  
**2016 TAXIWAY IMPROVEMENTS PROJECT**  
 ED CARLSON MEMORIAL FIELD  
 SOUTH LEWIS COUNTY AIRPORT

PROJECT NUMBER: 11717W  
 DRAWING FILE NAME: 11717W-C-PP00  
 SCALE: AS SHOWN

SHEET NUMBER  
**C11**

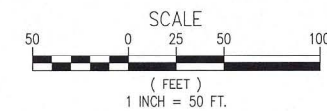


Point Table			
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31	357.33	425637.73	1058453.28
32	359.10	425791.62	1058944.30
33	359.32	425807.68	1059005.87
34	360.71	425874.79	1059362.26

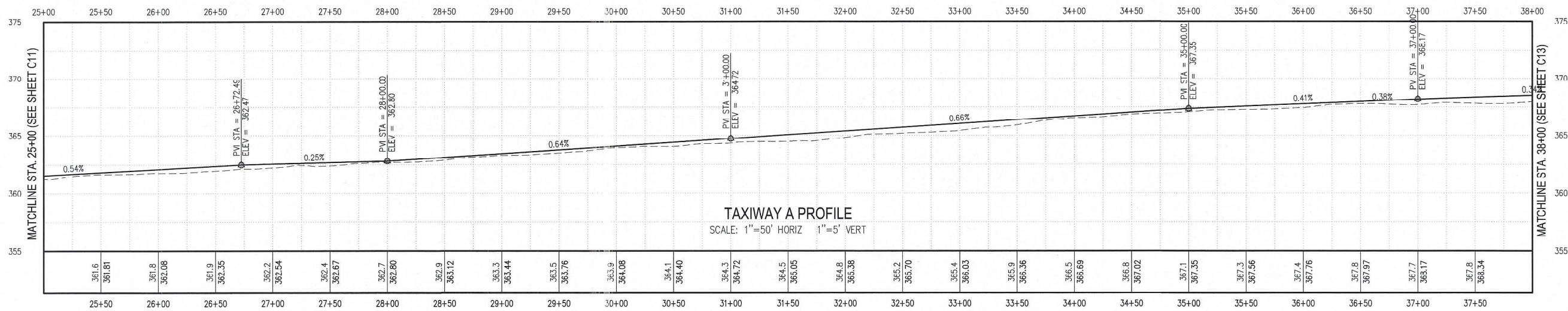
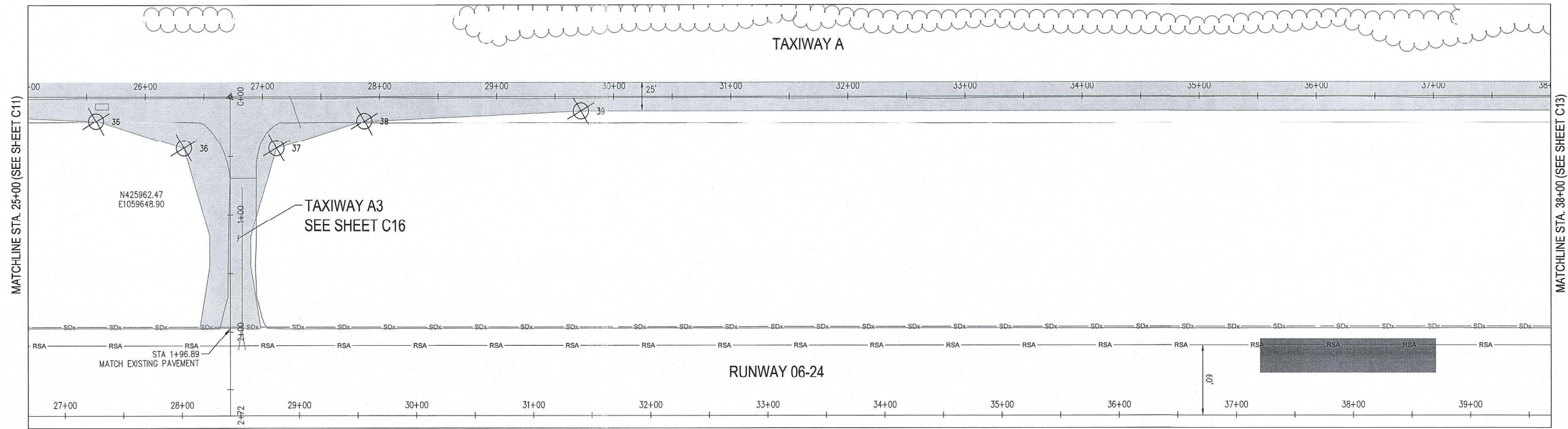
2 REVISIONS:  
 -NO DESIGN REVISIONS,  
 ENGINEERING STAMP ADDED

**LEGEND:**

- NEW PAVEMENT SECTION/WORK AREA
- RUNWAY SAFETY AREA



[DATE: 6/20/2018 2:45 PM] [AUTHOR: abird] [PLOTTER: DWG To PDF.pc3] [STYLE: WHP-Standard.ctb] [PATH: P:\Lewis County, WA\0011717W\Execution\Drawings\Civil\11717W-C-PP00.dwg] [LA.YOUT: C12]

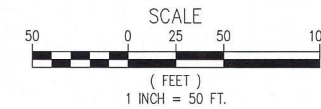


Point #	Elevation	Northing	Easting
35	361.58	425913.25	1059543.41
36	362.05	425910.89	1059621.53
37	362.10	425930.83	1059697.97
38	362.49	425971.04	1059765.00
39	363.73	426025.95	1059941.85

REVISIONS:  
- TAXIWAY PROFILE MODIFICATION

LEGEND:

- NEW PAVEMENT SECTION/WORK AREA
- RUNWAY SAFETY AREA

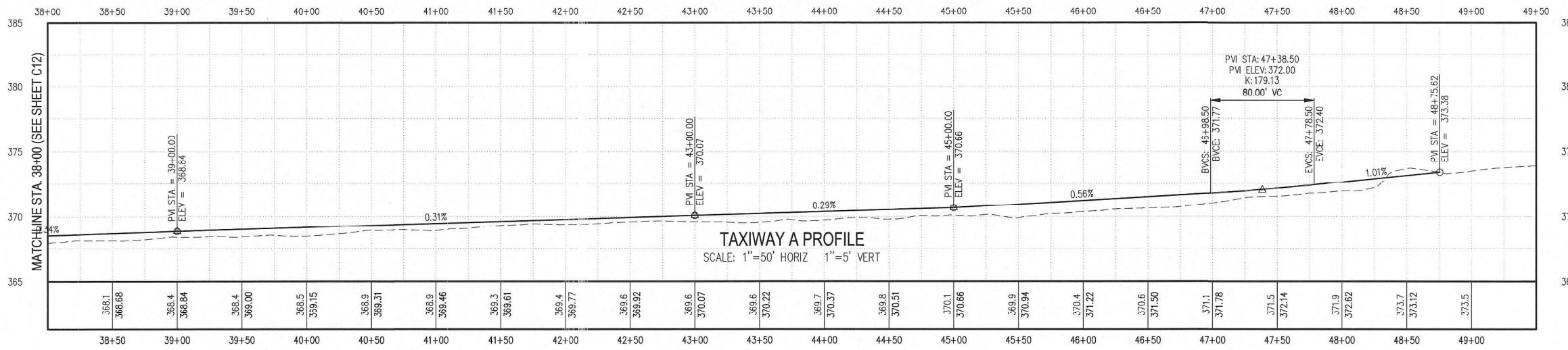
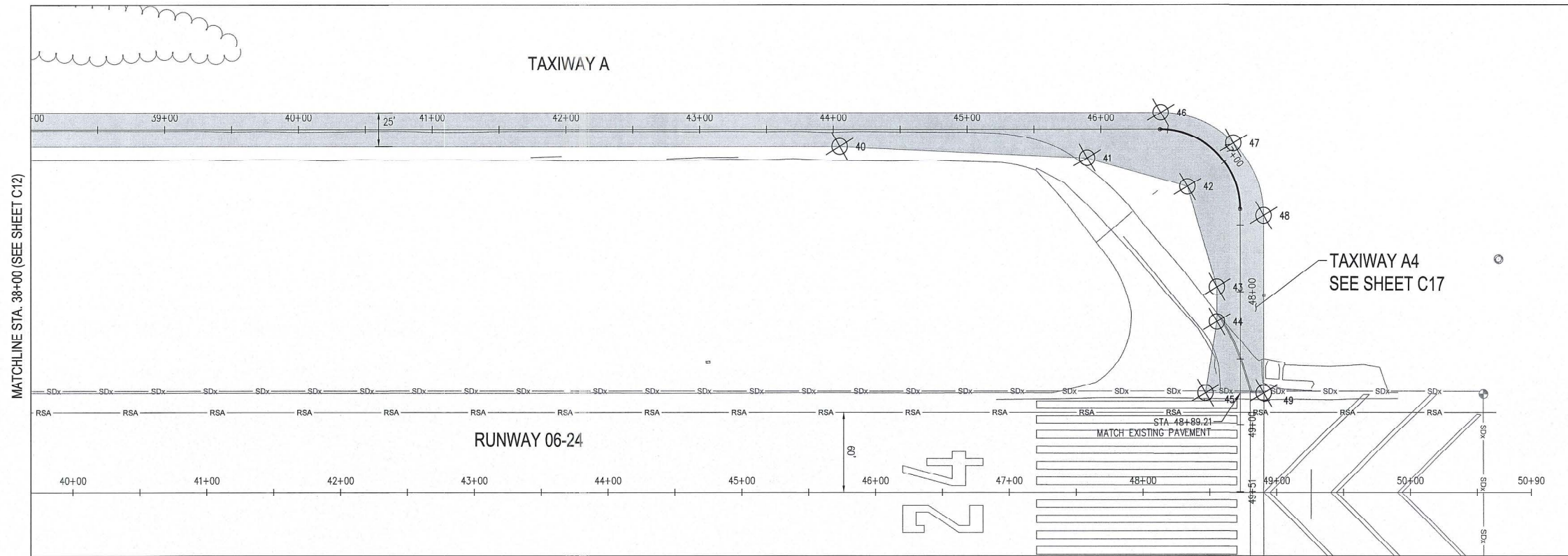


NO.	BY	DATE	REMARKS
1	DB	7/7/17	ADDENDUM #2
2	AB	6/20/18	CHANGE ORDER #1

DESIGNED	DB
DRAWN	DB
CHECKED	JS
APPROVED	ES
LAST EDIT	6/20/2018
PLOT DATE	6/20/2018
SUBMITAL	

**TAXIWAY A PLAN AND PROFILE**  
**2016 TAXIWAY IMPROVEMENTS PROJECT**  
ED CARLSON MEMORIAL FIELD  
SOUTH LEWIS COUNTY AIRPORT  
PROJECT NUMBER 11717W  
DRAWING FILE NAME 11717W-C-PP00  
SCALE AS SHOWN

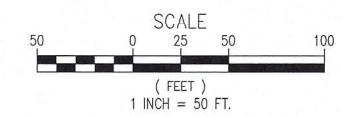
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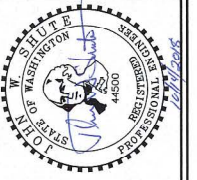
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41	370.89	426425.99	1061509.41
42	371.33	426423.62	1061587.54
43	372.36	426356.60	1061627.75
44	372.62	426331.55	1061634.29
45	373.04	426277.89	1061639.46
46	371.31	426472.28	1061554.18
47	371.57	426464.20	1061612.56
48	371.85	426417.21	1061648.12
49	373.49	426288.88	1061681.59

REVISIONS:  
 - TAXIWAY PROFILE MODIFICATION

LEGEND:  
 NEW PAVEMENT SECTION/WORK AREA  
 RUNWAY SAFETY AREA



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REVISIONS	NO	BY	DATE	REMARKS
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	2	AB	6/20/18	CHANGE ORDER #1

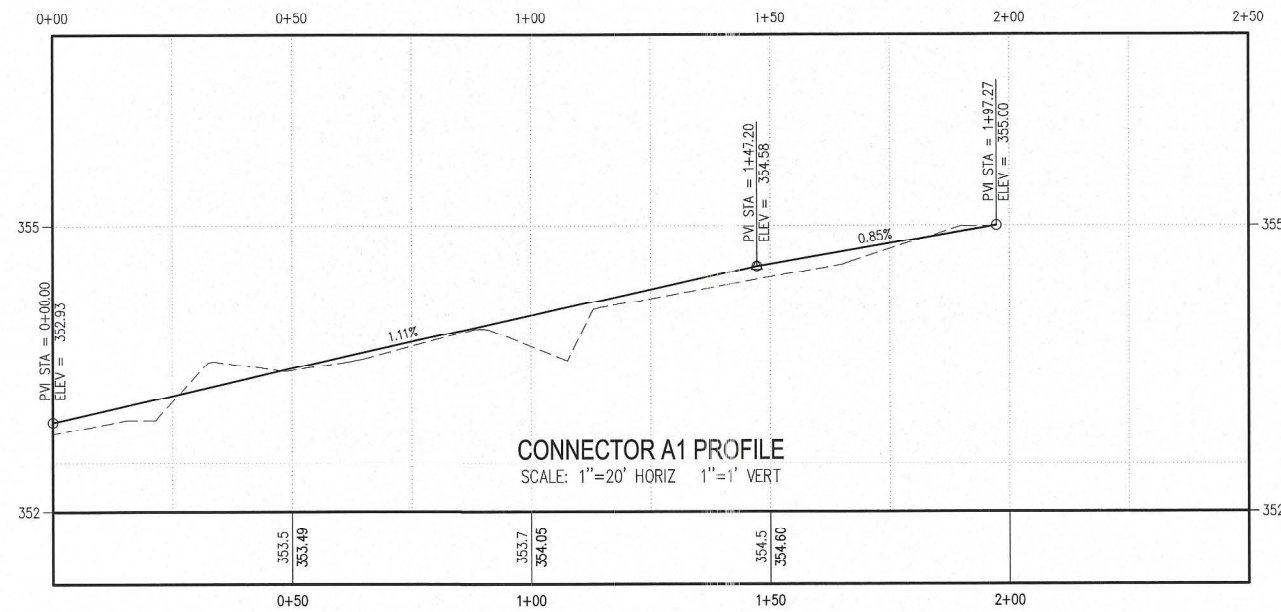
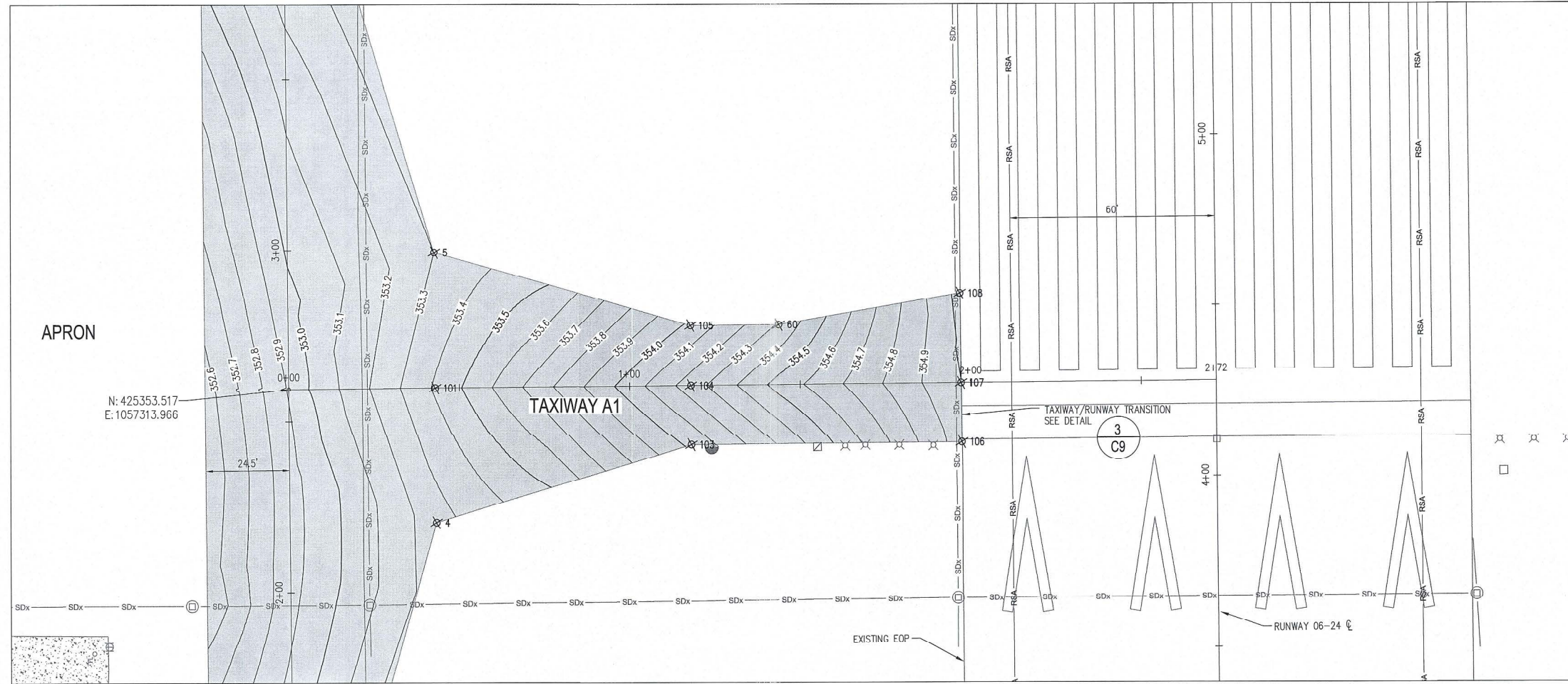
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DESIGNED	DB
DRAWN	DB
CHECKED	JS
APPROVED	ES
LAST EDIT	6/20/2018
PLCT DATE	6/20/2018
SUBMITTAL	

TAXIWAY A PLAN AND PROFILE  
 2016 TAXIWAY IMPROVEMENTS PROJECT  
 ED CARLSON MEMORIAL FIELD  
 SOUTH LEWIS COUNTY AIRPORT  
 PROJECT NUMBER 11717W  
 DRAWING FILE NAME 11717W-C-PP00  
 SCALE AS SHOWN

SHEET NUMBER  
**C13**

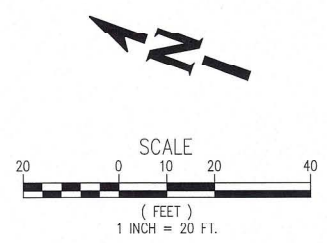


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Point #	Elevation	Northing	Easting
4	353.260	425301.9673	1057286.5889
101	353.414	425311.9354	1057324.8104
5	353.300	425321.9036	1057363.0320
103	354.022	425234.9466	1057326.8037
104	354.250	425239.3629	1057343.7373
105	354.022	425243.7792	1057360.6709
106	354.953	425158.2172	1057346.8148
107	354.995	425162.7266	1057363.7241
108	355.033	425169.4333	1057388.8726
60	354.311	425218.7291	1057367.2040

REVISIONS:  
 -GRADING CONTOURS ADDED



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REVISIONS		SHEET INFO	
NO.	BY	DATE	REMARKS
1	DB	7/7/17	ADDENDUM #2
2	AB	6/20/18	CHANGE ORDER #1

DESIGNED	DB	CHECKED	JS	APPROVED	ES	LAST EDIT	6/20/2018	PLOT DATE	6/20/2018
DRAWN	DB	CHECKED	JS	APPROVED	ES	LAST EDIT	6/20/2018	PLOT DATE	6/20/2018

**CONNECTOR TAXIWAYS PLAN AND PROFILE**

**2016 TAXIWAY IMPROVEMENTS PROJECT**

ED CARLSON MEMORIAL FIELD  
 SOUTH LEWIS COUNTY AIRPORT

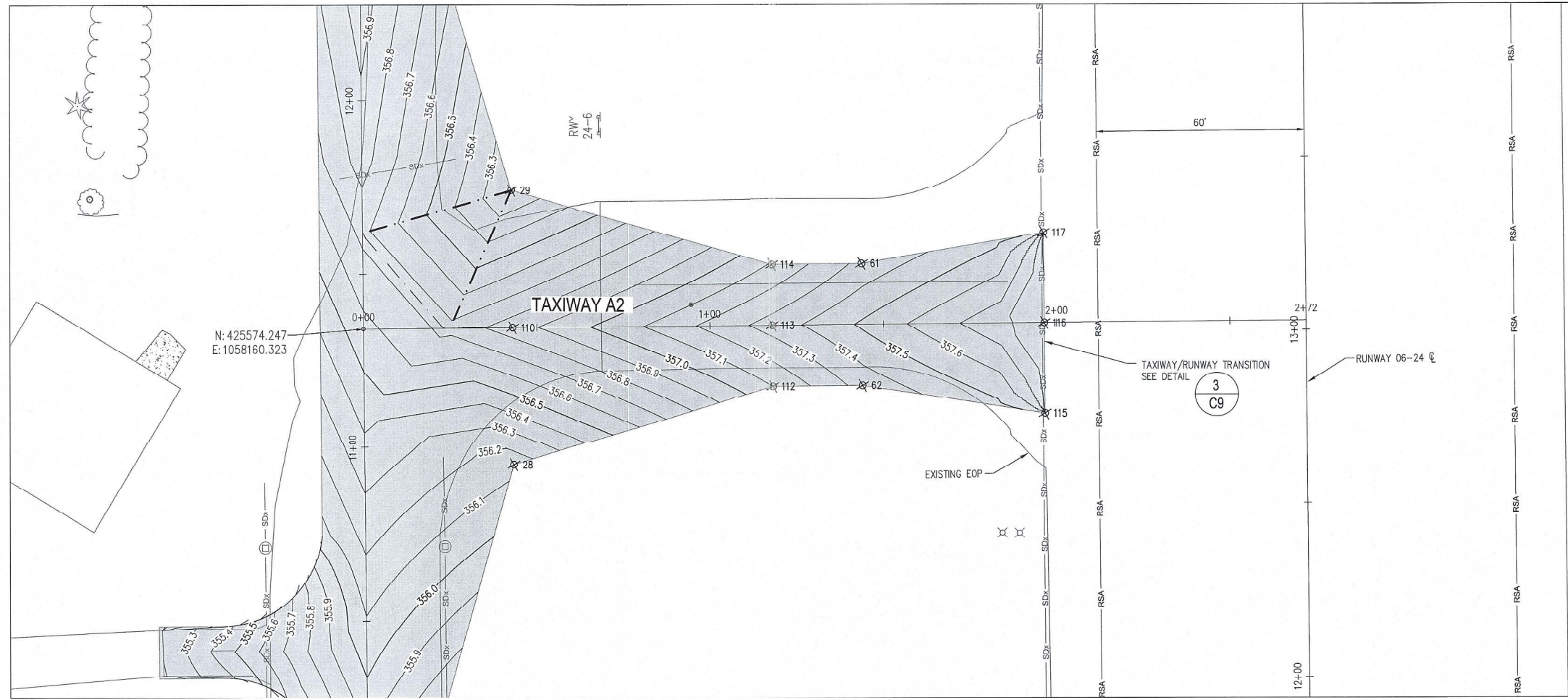
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PROJECT NUMBER 11717W DRAWING FILE NAME 11717W-C-PP01





SHEET NUMBER

C14

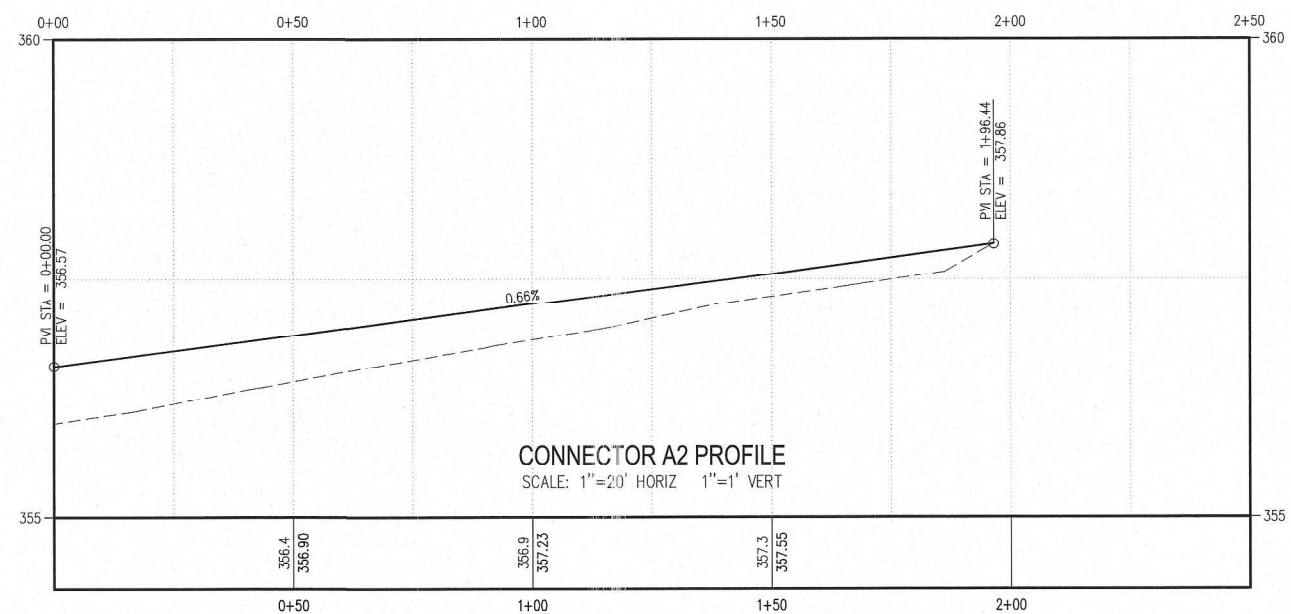
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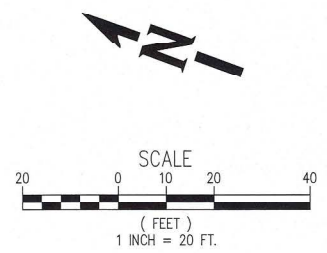
-  NEW PAVEMENT SECTION/WORK AREA
-  RUNWAY SAFETY AREA
-  RIDGE LINE
-  VALLEY LINE

REVISIONS:  
 - GRADING CONTOURS ADDED

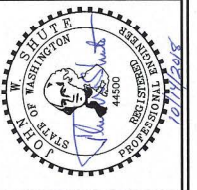


**TAXIWAY A2 PLAN AND PROFILE**

Point #	Elevation	Northing	Easting
28	356.130	425522.6703	1058132.9531
110	356.852	425532.6385	1058171.1747
29	356.200	425542.6067	1058209.3962
112	357.100	425455.6497	1058173.1679
113	357.345	425460.0600	1058190.1015
114	357.110	425464.4822	1058207.0351
115	357.824	425377.6188	1058184.8078
116	357.860	425384.1621	1058209.8972
117	357.931	425390.7054	1058234.9867
62	357.340	425430.5997	1058179.7010
61	357.330	425439.4322	1058213.5682



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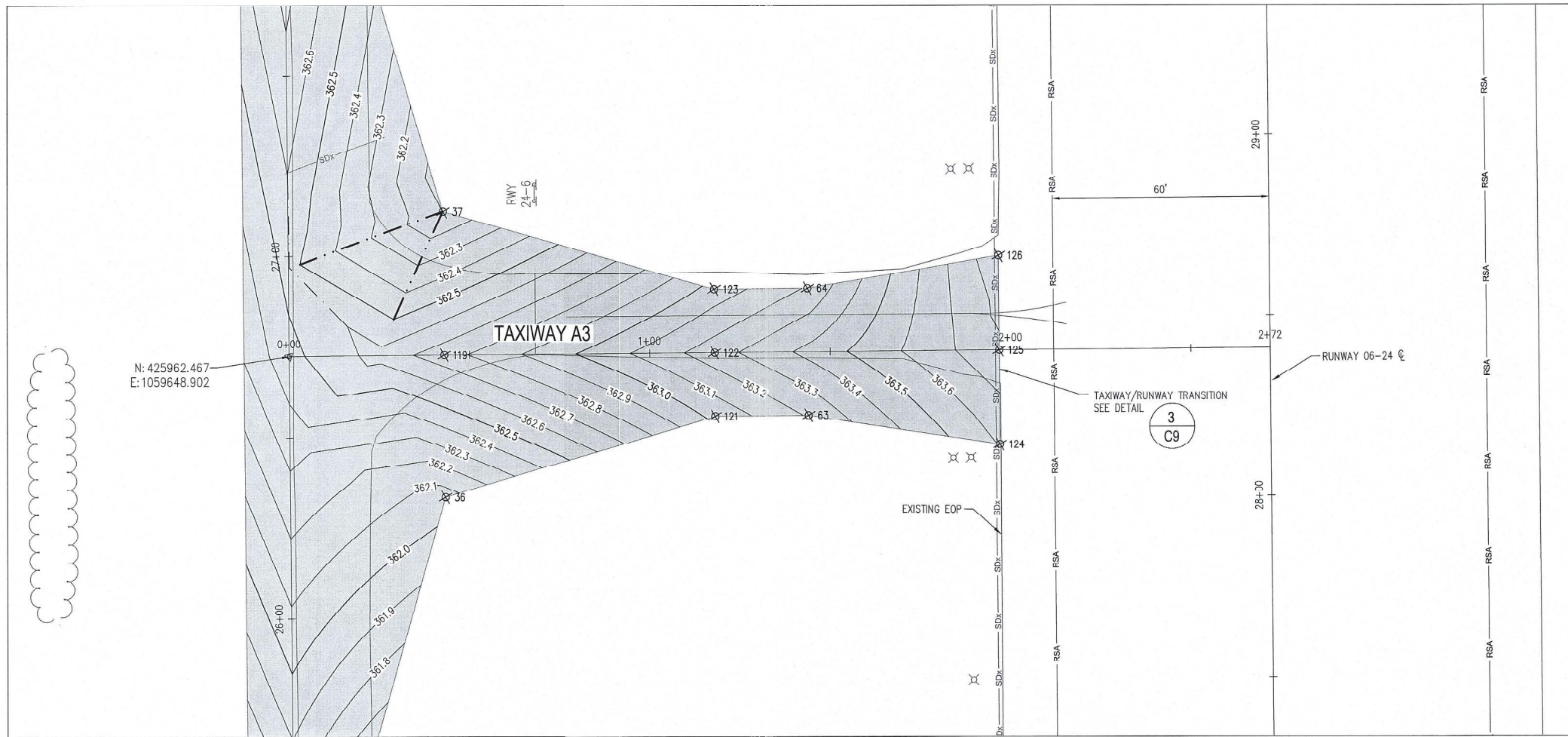
NO.	BY	DATE	REMARKS
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2	AB	6/20/18	CHANGE ORDER #1

DESIGNED	DRAWN	CHECKED	APPROVED	LAST EDIT	PLOT DATE	SUBMITTAL
DB	DB	JS	ES	6/20/2018	6/20/2018	





**CONNECTOR TAXIWAYS PLAN AND PROFILE**  
**2016 TAXIWAY IMPROVEMENTS PROJECT**  
 ED CARLSON MEMORIAL FIELD  
 SOUTH LEWIS COUNTY AIRPORT  
 DRAWING FILE NAME: 11717W-C-PP01  
 SCALE: AS SHOWN

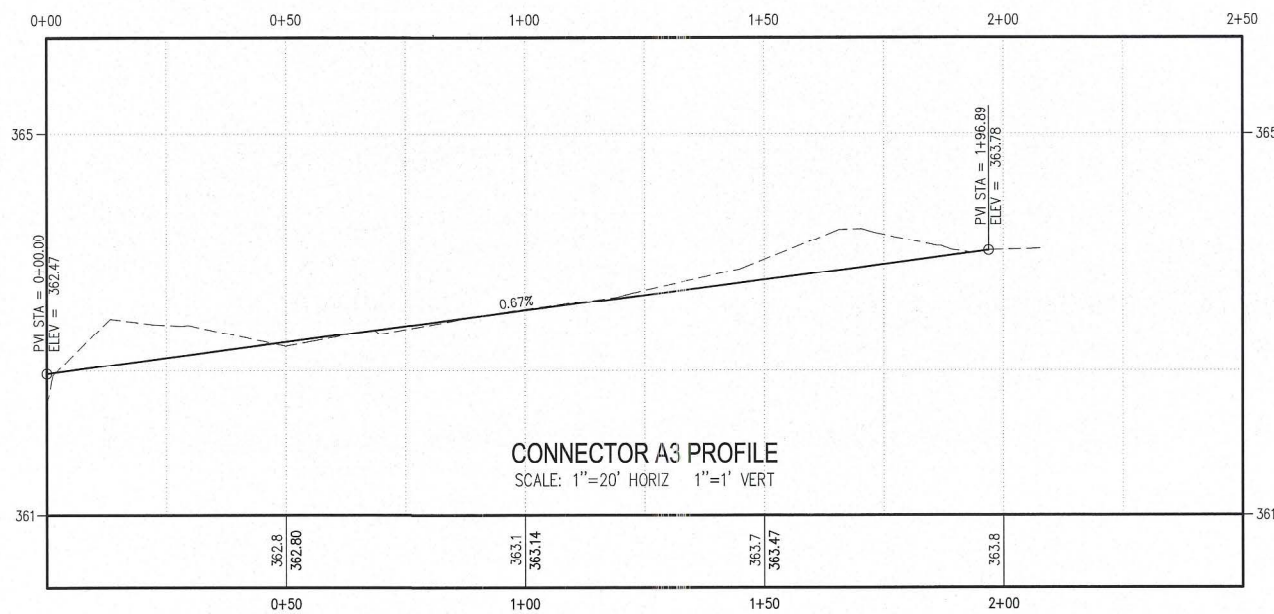
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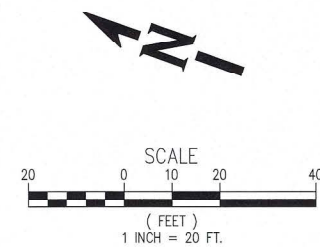
-  NEW PAVEMENT SECTION/WORK AREA
-  RUNWAY SAFETY AREA
-  RIDGE LINE
-  VALLEY LINE



**TAXIWAY A3 PLAN AND PROFILE**

Point Table			
Point #	Elevation	Northing	Easting
36	362.050	425910.8912	1059621.5319
119	362.757	425920.8593	1059659.7535
37	362.100	425930.8275	1059697.9750
121	363.029	425843.8705	1059661.7467
122	363.256	425848.2868	1059678.6804
123	363.040	425852.7031	1059695.6139
124	363.606	425765.3910	1059673.4298
125	363.781	425771.9523	1059698.5884
126	363.876	425778.5137	1059723.7469
63	363.210	425818.8205	1059668.2798
64	363.210	425827.6531	1059702.1470

REVISIONS:  
 -GRADING CONTOURS ADDED

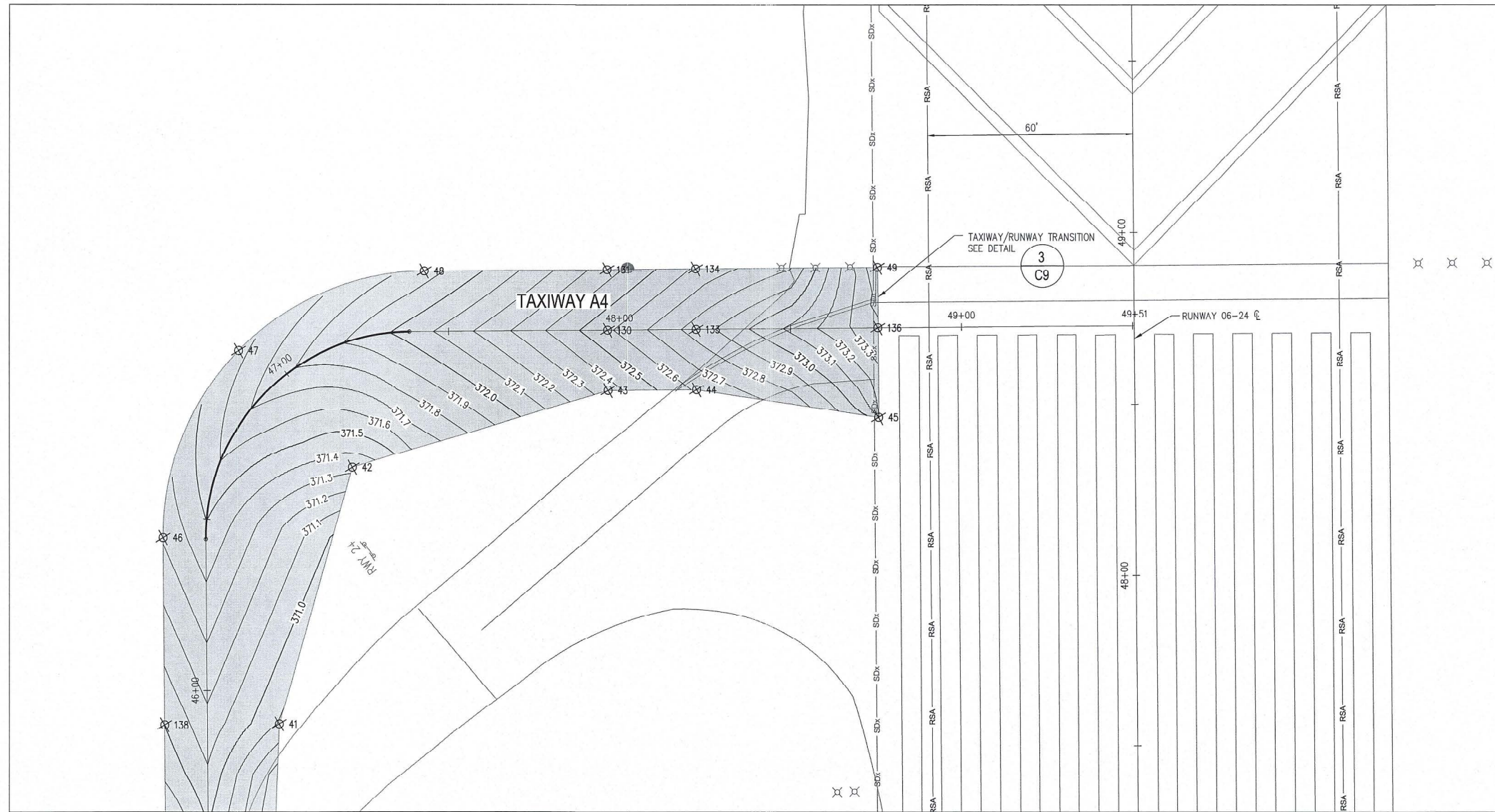


REVISIONS			
NO.	BY	DATE	REMARKS
1	DB	7/7/17	ADDENDUM #2
2	AB	6/20/18	CHANGE ORDER #1

SHEET INFO			
DESIGNED	DB	DRAWN	DB
CHECKED	JS	APPROVED	ES
LAST EDIT	6/20/2018	PLOT DATE	6/20/2018
SUBMITTAL			

**CONNECTOR TAXIWAYS PLAN AND PROFILE**  
**2016 TAXIWAY IMPROVEMENTS PROJECT**  
 ED CARLSON MEMORIAL FIELD  
 SOUTH LEWIS COUNTY AIRPORT  
 PROJECT NUMBER 11717W  
 DRAWING FILE NAME 11717W-C-PP01  
 SCALE AS SHOWN

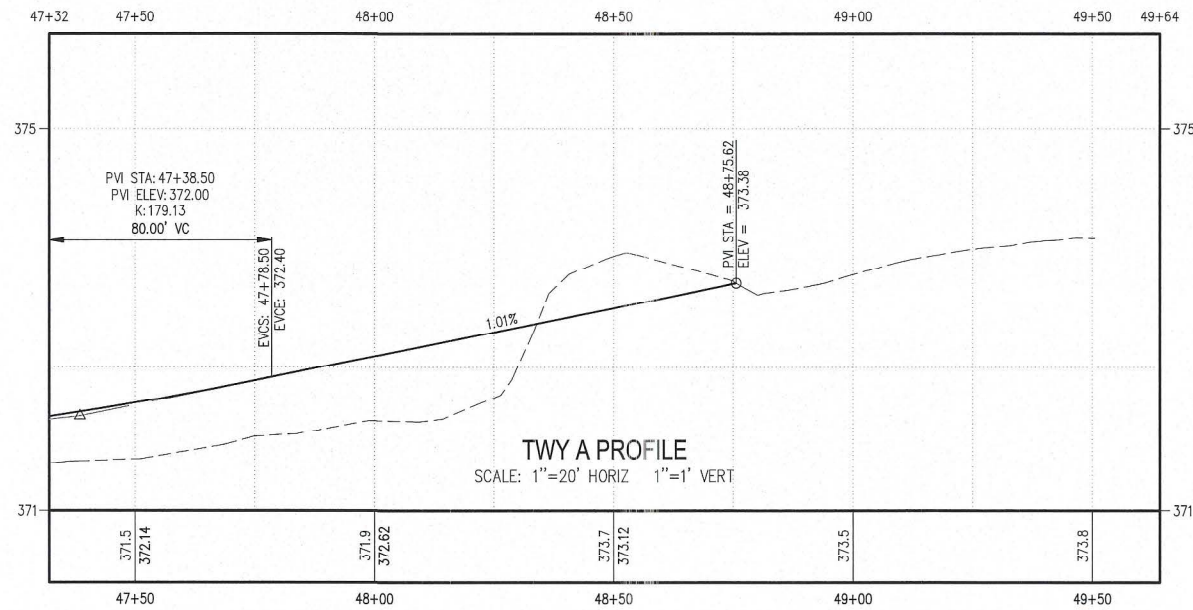
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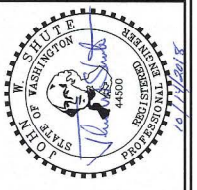
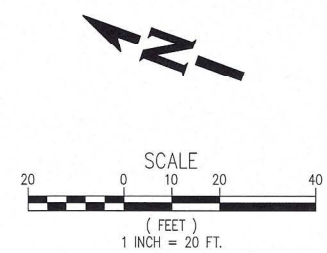
- NEW PAVEMENT SECTION/WORK AREA
- RUNWAY SAFETY AREA

REVISIONS:  
 - GRADING CONTOURS ADDED  
 - TAXIWAY PROFILE MODIFICATION



TAXIWAY A4 PLAN AND PROFILE

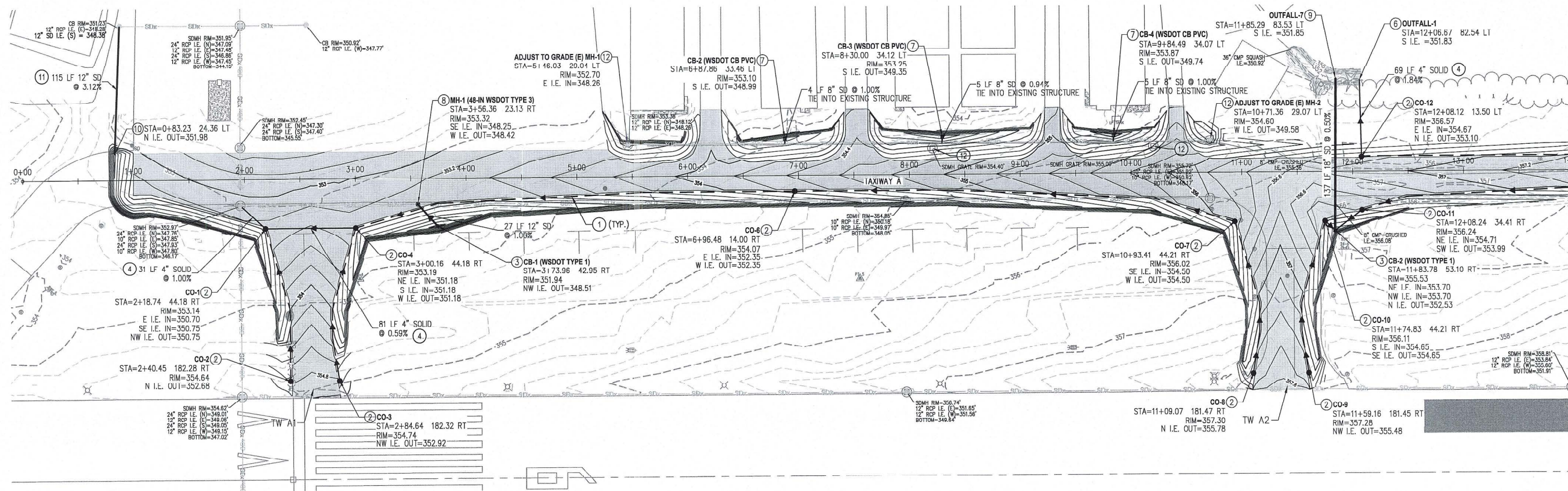
Point #	Elevation	Northing	Easting
41	370.892	426425.9856	1061509.4144
42	371.332	426423.6246	1061587.5388
43	372.355	426356.6039	1061627.7536
130	372.583	426361.0202	1061644.6872
131	372.355	426365.4375	1061661.6248
44	372.616	426331.5539	1061634.2866
133	372.844	426335.9702	1061651.2202
134	372.616	426340.3875	1061668.1579
45	373.040	426277.9898	1061639.4497
136	373.379	426284.5565	1061664.6289
49	373.487	426288.9739	1061681.5665
138	371.002	426458.4014	1061500.9604
46	371.310	426472.2821	1061554.1843
47	371.565	426464.1995	1061612.5606
48	371.852	426417.2059	1061648.1237



REVISIONS		NO.	BY	DATE	REMARKS
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2	AS	6/20/18	CHANGE ORDER #1		

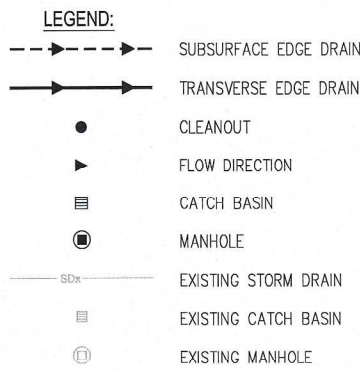
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[DATE: 6/20/2018 4:31 PM] [AUTHOR: leibert] [PLOTTER: DWG To PDF.pc3] [STYLE: WHP-Standard.ctb] [LAYOUT: C18 STROM DRAINAGE PLAN]  
 [PATH: P:\Lewis County, WA\11717W\Exec\11717W-C-SD00-LAURA.dwg]



MATCHLINE STA. 14+00 (SEE SHEET C19)

- # CONSTRUCTION NOTES:**
- INSTALL SUBSURFACE EDGE DRAIN PER DETAIL <sup>2</sup>/<sub>C22</sub>
  - INSTALL CLEANOUT PER DETAIL <sup>1</sup>/<sub>C22</sub>
  - INSTALL WSDOT TYPE 1 CATCH BASIN WITH WELDED GRATE
  - INSTALL TRANSVERSE EDGE DRAIN PER DETAIL <sup>3</sup>/<sub>C22</sub>
  - CONNECT TO EXISTING STORM DRAIN MANHOLE/PIPE
  - DAYLIGHT TRANSVERSE EDGE DRAIN/CULVERT INTO DRAINAGE DITCH PER DETAIL <sup>4</sup>/<sub>C22</sub>
  - INSTALL CATCH BASIN - PVC PER WSDOT STANDARD PLAN B-10.70-00
  - INSTALL MANHOLE TYPE 3 PER WSDOT STANDARD PLAN B-15.60-02 WITH SOLID METAL COVER
  - INSTALL STORM OUTFALL WITH HEADWALL PER WSDOT STANDARD PLAN B-75.20-01
  - INSTALL STORM INLET/OUTFALL DETAIL PER DETAIL <sup>4</sup>/<sub>C22</sub>
  - INSTALL STORM PIPE TRENCH PER DETAIL <sup>5</sup>/<sub>C22</sub>
  - ADJUST STRUCTURE TO GRADE PER WSDOT STANDARD SPECIFICATION 7 05.3(1)



**2 REVISIONS:**  
 - ALL PROPOSED GRADING  
 - PROPOSED STORM NETWORK



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REVISIONS	
NO.	DATE
1	7/7/17
2	6/20/18

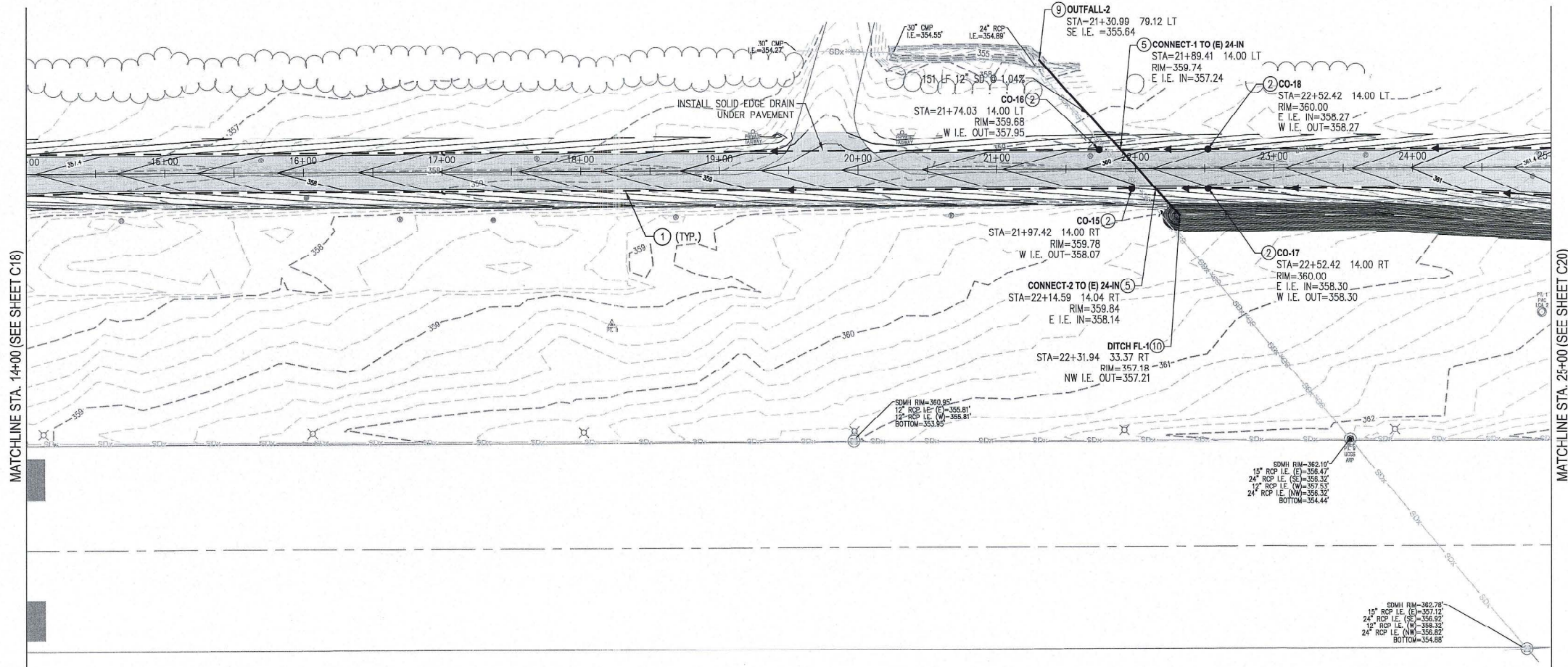
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DESIGNED	DB
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APPROVED	ES
LAST EDIT	6/20/2018
PLOT DATE	6/20/2018
SUBMITTAL	

**DRAINAGE PLAN**  
 2016 TAXIWAY IMPROVEMENTS PROJECT  
 ED CARLSON MEMORIAL FIELD  
 SOUTH LEWIS COUNTY AIRPORT

PROJECT NUMBER: 11717W  
 DRAWING FILE NAME: 11717W-C-SD00-LAURA  
 SCALE: AS SHOWN

SHEET NUMBER  
**C18**

[DATE: 6/20/2018 4:32 PM] [AUTHOR: lalbert] [PLOTTER: DWG To PDF.pc3] [STYLE: WHP-Standard.ctb] [PATH: P:\Lewis County, WA\P001717W\Execution\Drawings\Civil\11717W-C-SD00-LAURA.dwg] [LAYOUT: C19 STORM DRAINAGE PLAN]



MATCHLINE STA. 14+00 (SEE SHEET C18)

MATCHLINE STA. 25+00 (SEE SHEET C20)

**# CONSTRUCTION NOTES:**

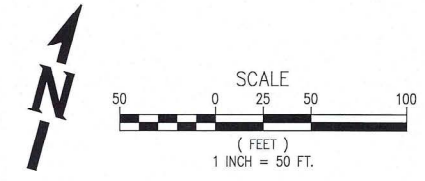
1. INSTALL SUBSURFACE EDGE DRAIN PER DETAIL 2
2. INSTALL CLEANOUT PER DETAIL 1
3. INSTALL WSDOT TYPE 1 CATCH BASIN WITH WELDED GRATE
4. INSTALL TRANSVERSE EDGE DRAIN PER DETAIL 3
5. CONNECT TO EXISTING STORM DRAIN MANHOLE/PIPE
6. DAYLIGHT TRANSVERSE EDGE DRAIN/CULVERT INTO DRAINAGE DITCH PER DETAIL 4
7. INSTALL CATCH BASIN - PVC PER WSDOT STANDARD PLAN B-10.70-00
8. INSTALL MANHOLE TYPE 3 PER WSDOT STANDARD PLAN B-15.60-02 WITH SOLID METAL COVER
9. INSTALL STORM OUTFALL WITH HEADWALL PER WSDOT STANDARD PLAN B-75.20-01
10. INSTALL STORM INLET/OUTFALL DETAIL PER DETAIL 4
11. INSTALL STORM PIPE TRENCH PER DETAIL 5
12. ADJUST STRUCTURE TO GRADE PER WSDOT STANDARD SPECIFICATION 7-05.3(1)

**LEGEND:**

- SUBSURFACE EDGE DRAIN
- TRANSVERSE EDGE DRAIN
- CLEANOUT
- FLOW DIRECTION
- TYPE 1 CATCH BASIN
- MANHOLE
- EXISTING STORM DRAIN
- EXISTING CATCH BASIN
- EXISTING MANHOLE

2

**REVISIONS:**  
 - ALL PROPOSED GRADING  
 - PROPOSED STORM NETWORK

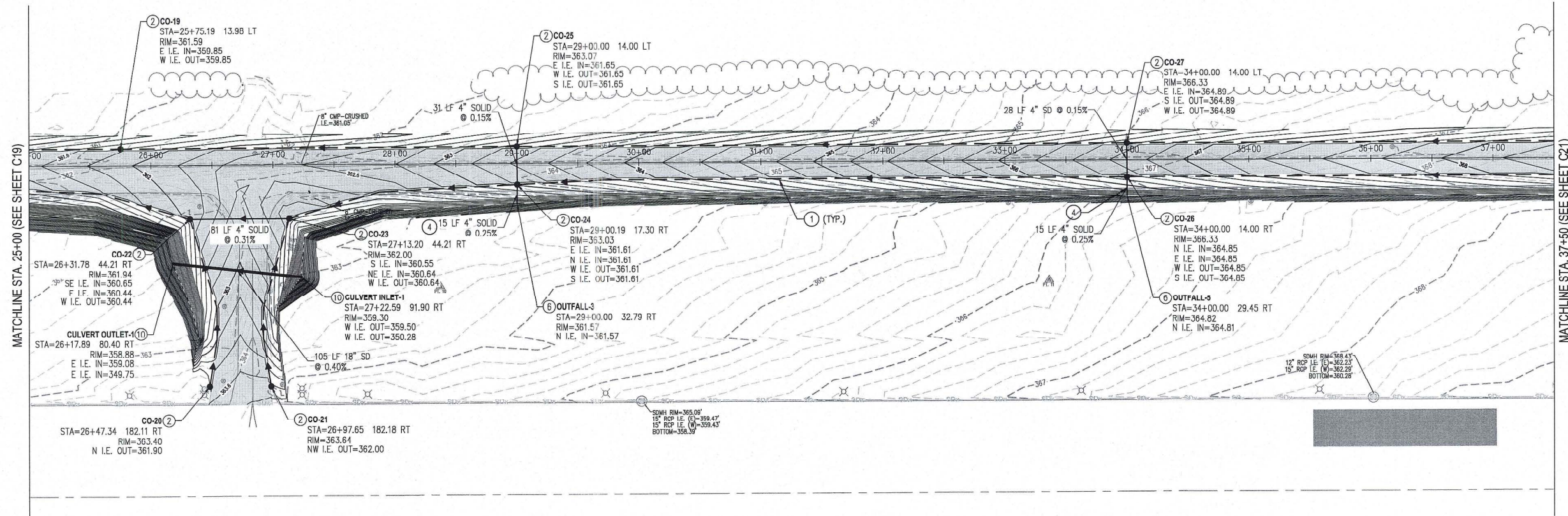


REVISIONS	NO.	BY	DATE	REMARKS
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	2	LEE	6/20/18	CHANGE ORDER #1

SHEET INFO	DESIGNED	DB	DRAWN	DB	CHECKED	JS	APPROVED	ES	LAST EDIT	6/20/2018	PLOT DATE	6/20/2018	SUBMITTAL
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**DRAINAGE PLAN**  
**2016 TAXIWAY IMPROVEMENTS PROJECT**  
 ED CARLSON MEMORIAL FIELD  
 SOUTH LEWIS COUNTY AIRPORT  
 PROJECT NUMBER 11717W  
 DRAWING FILE NAME 11717W-C-SD00-LAURA  
 SCALE AS SHOWN

[DATE: 6/20/2018 4:34 PM] [AUTHOR: lebert] [PLOTTER: DWG To PDF.pc3] [STYLE: WHP-Standard.ctb] [PATH: P:\Lewis County, WA\001717W\Execution\Drawings\Civil\11717W-C-SD00-LAURA.dwg] [LAYOUT: C20 STORM DRAINAGE PLAN]



MATCHLINE STA. 25+00 (SEE SHEET C19)

MATCHLINE STA. 37+50 (SEE SHEET C21)

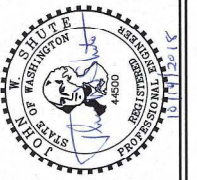
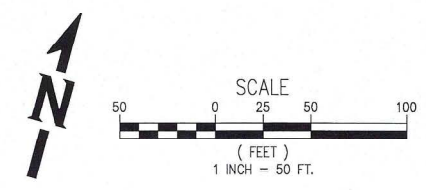
**# CONSTRUCTION NOTES:**

1. INSTALL SUBSURFACE EDGE DRAIN PER DETAIL <sup>2</sup>/<sub>C22</sub>
2. INSTALL CLEANOUT PER DETAIL <sup>1</sup>/<sub>C22</sub>
3. INSTALL WSDOT TYPE 1 CATCH BASIN WITH WELDED GRATE
4. INSTALL TRANSVERSE EDGE DRAIN PER DETAIL <sup>3</sup>/<sub>C22</sub>
5. CONNECT TO EXISTING STORM DRAIN MANHOLE/PIPE
6. DAYLIGHT TRANSVERSE EDGE DRAIN/CULVERT INTO DRAINAGE DITCH PER DETAIL <sup>4</sup>/<sub>C22</sub>
7. INSTALL CATCH BASIN - PVC PER WSDOT STANDARD PLAN B-10.70-00
8. INSTALL MANHOLE TYPE 3 PER WSDOT STANDARD PLAN B-15.60-02 WITH SOLID METAL COVER
9. INSTALL STORM OUTFALL WITH HEADWALL PER WSDOT STANDARD PLAN B-75.20-01
10. INSTALL STORM INLET/OUTFALL DETAIL PER DETAIL <sup>4</sup>/<sub>C22</sub>
11. INSTALL STORM PIPE TRENCH PER DETAIL <sup>5</sup>/<sub>C22</sub>
12. ADJUST STRUCTURE TO GRADE PER WSDOT STANDARD SPECIFICATION 7-05.3(1)

**LEGEND:**

- SUBSURFACE EDGE DRAIN
- TRANSVERSE EDGE DRAIN
- CLEANOUT
- FLOW DIRECTION
- TYPE 1 CATCH BASIN
- EXISTING STORM DRAIN
- EXISTING CATCH BASIN
- EXISTING MANHOLE

**2** REVISIONS:  
 - ALL PROPOSED GRADING  
 - PROPOSED STORM NETWORK



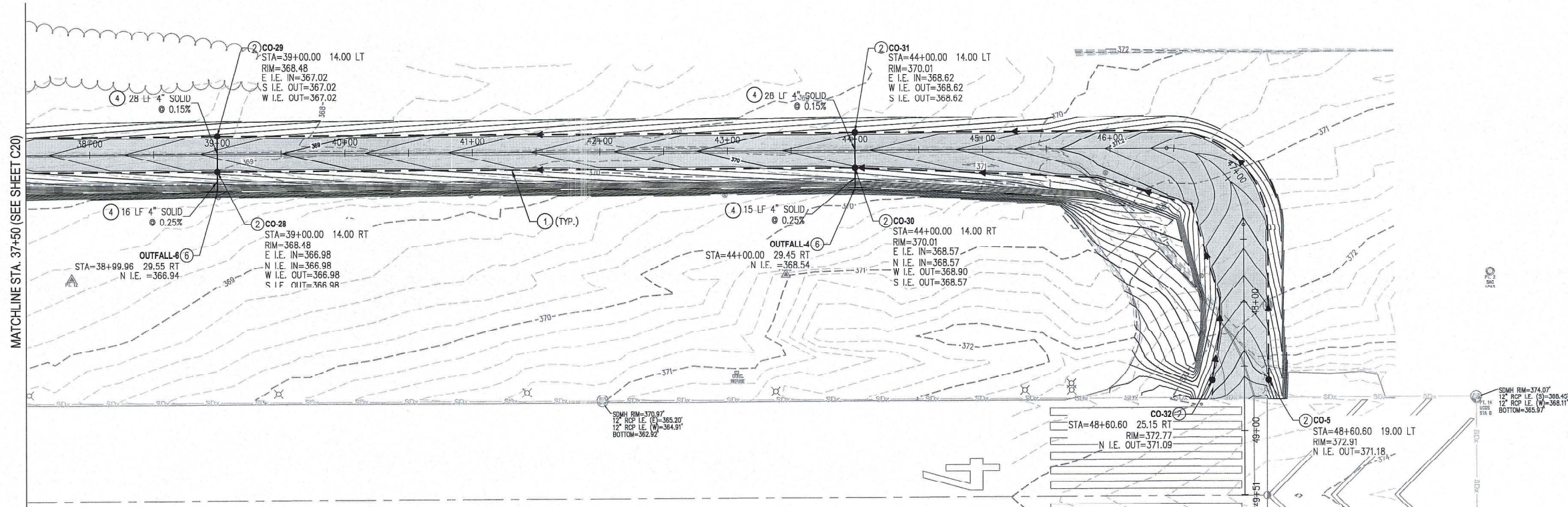
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	2	LE	6/20/18	CHANGE ORDER #1

SHEET INFO	
DESIGNED	DB
DRAWN	DB
CHECKED	JS
APPROVED	ES
LAST EDIT	3/20/218
PLOT DATE	5/20/218
SUBMITTAL	

**DRAINAGE PLAN**  
**2016 TAXIWAY IMPROVEMENTS PROJECT**  
 ED CARLSON MEMORIAL FIELD  
 SOUTH LEWIS COUNTY AIRPORT  
 PROJECT NUMBER 11717W  
 DRAWING FILE NAME 11717W-C-SD00-LAURA  
 SCALE AS SHOWN

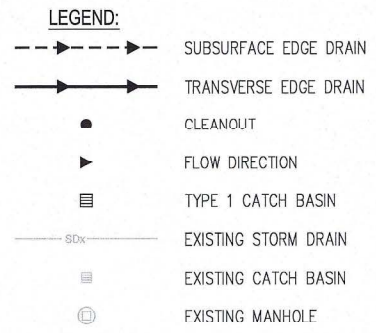
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[DATE: 6/20/2018 4:35 PM] [AUTHOR: lebert] [PLOTTER: DWG To PDF.pc3] [STYLE: WHP-Standard.ctb] [LAYOUT: C21 STORM DRAINAGE PLAN]  
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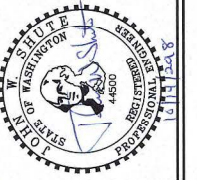
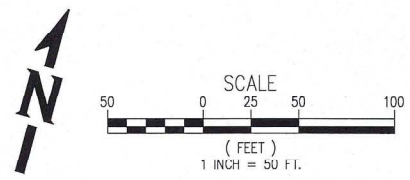


# CONSTRUCTION NOTES:

- INSTALL SUBSURFACE EDGE DRAIN PER DETAIL <sup>2</sup>/<sub>C22</sub>
- INSTALL CLEANOUT PER DETAIL <sup>1</sup>/<sub>C22</sub>
- INSTALL WSDOT TYPE 1 CATCH BASIN WITH WELDED GRATE
- INSTALL TRANSVERSE EDGE DRAIN PER DETAIL <sup>3</sup>/<sub>C22</sub>
- CONNECT TO EXISTING STORM DRAIN MANHOLE/PIPE
- DAYLIGHT TRANSVERSE EDGE DRAIN/CULVERT INTO DRAINAGE DITCH PER DETAIL <sup>4</sup>/<sub>C22</sub>
- INSTALL CATCH BASIN - PVC PER WSDOT STANDARD PLAN B-10.70-00
- INSTALL MANHOLE TYPE 3 PER WSDOT STANDARD PLAN B-15.60-02 WITH SOLID METAL COVER
- INSTALL STORM OUTFALL WITH HEADWALL PER WSDOT STANDARD PLAN B-75.20-01
- INSTALL STORM INLET/OUTFALL DETAIL PER DETAIL <sup>4</sup>/<sub>C22</sub>
- INSTALL STORM PIPE TRENCH PER DETAIL <sup>5</sup>/<sub>C22</sub>
- ADJUST STRUCTURE TO GRADE PER WSDOT STANDARD SPECIFICATION 7-05.3(1)



2 REVISIONS:  
 - ALL PROPOSED GRADING  
 - PROPOSED STORM NETWORK

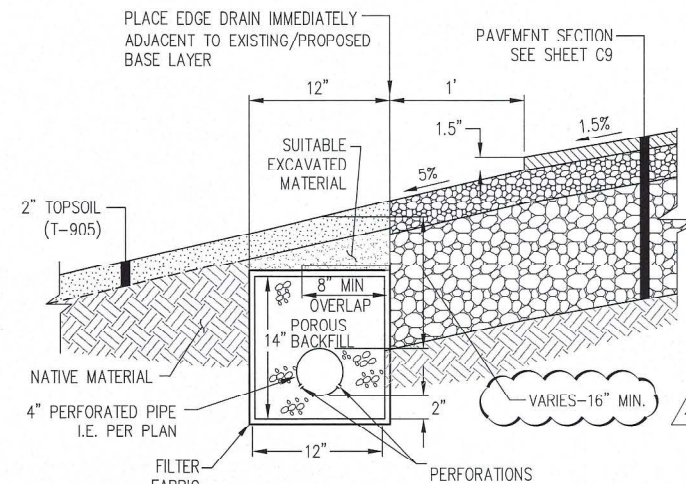
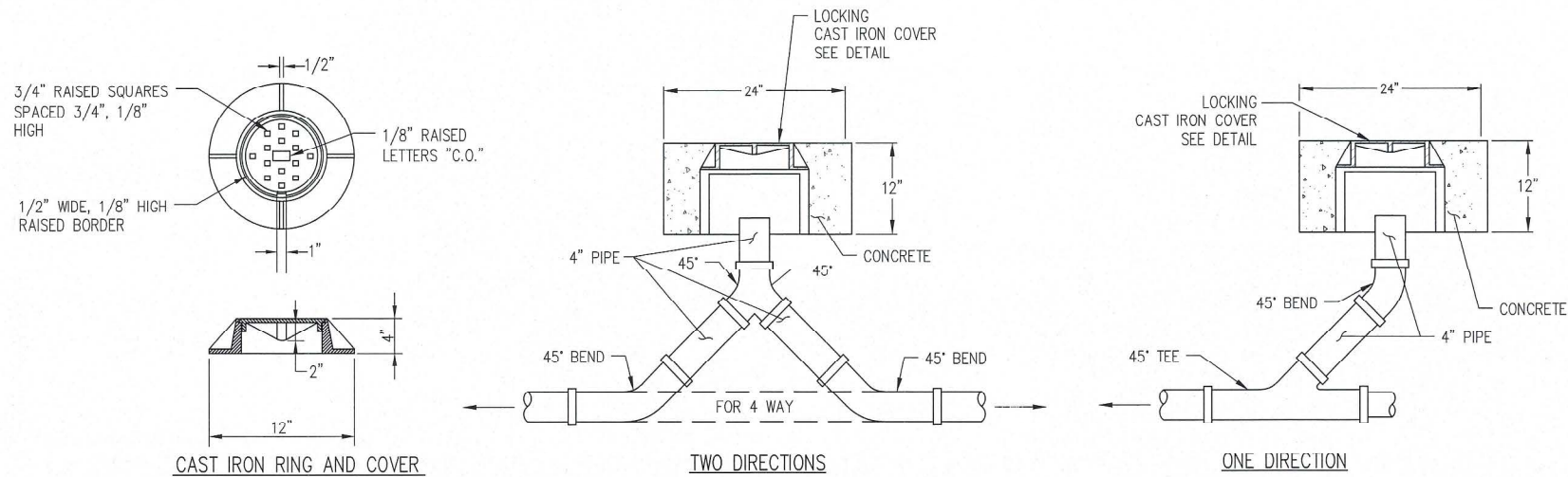


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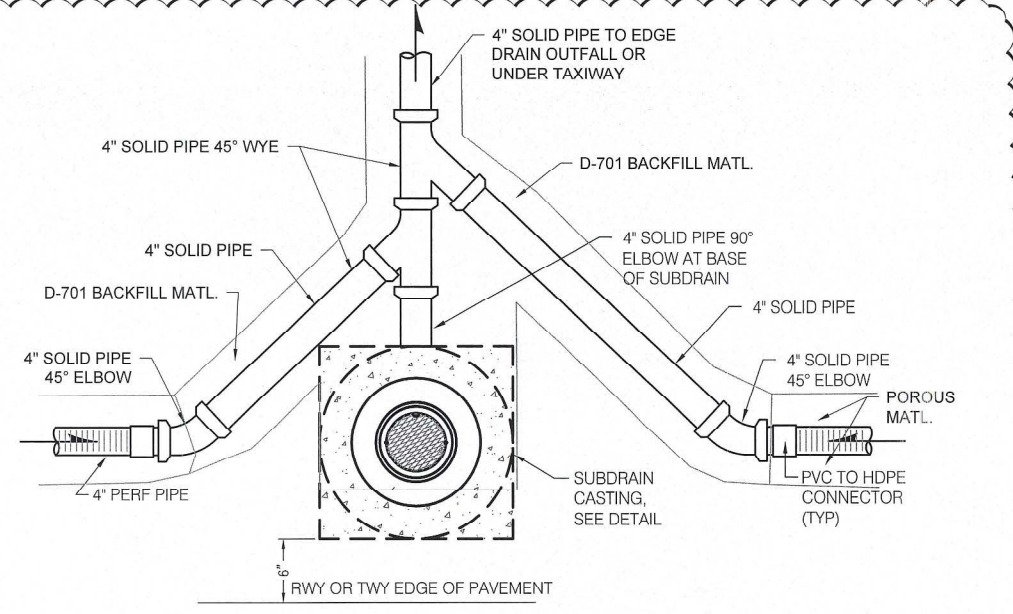
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CHECKED	JS
APPROVED	ES
LAST EDIT	3/20/218
PLOT DATE	3/20/218
SUBMITTAL	

**DRAINAGE PLAN**  
**2016 TAXIWAY IMPROVEMENTS PROJECT**  
 ED CARLSON MEMORIAL FIELD  
 SOUTH LEWIS COUNTY AIRPORT  
 PROJECT NUMBER 11717W  
 DRAWING FILE NAME  
 SCALE AS SHOWN

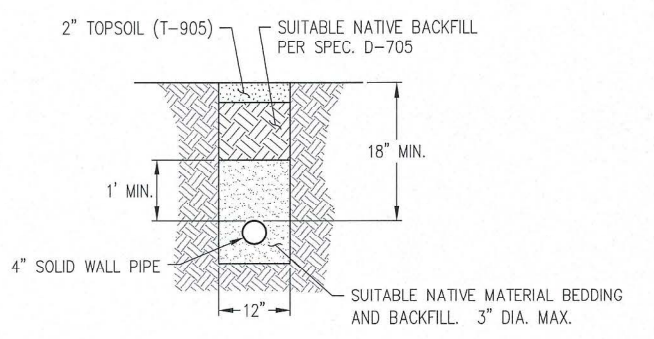




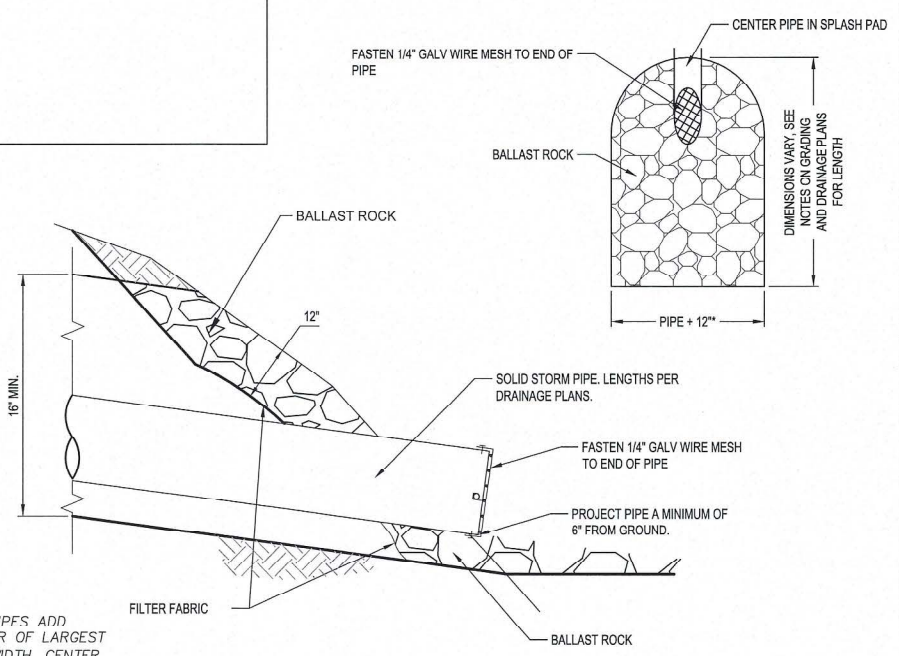
**SUBSURFACE EDGE DRAIN DETAIL** 2  
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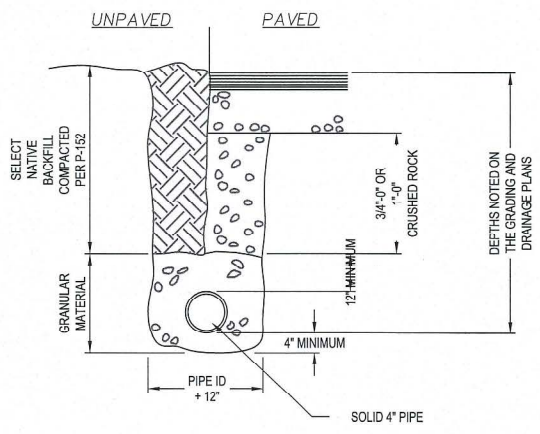
**CLEANOUT DETAIL** 1  
SCALE: N.T.S. C22



**TRANSVERSE EDGE DRAIN OUTSIDE OF PAVEMENT SECTION DETAIL**  
NOTE: 4" SOLID PIPE WHEN UNDER PAVEMENT. SEE CLEANOUT DETAILS FOR ADDITIONAL INFORMATION.  
**TRANSVERSE EDGE DRAIN DETAIL** 3  
SCALE: N.T.S. C22



**STORM DRAIN INLET/OUTFALL DETAIL** 4  
SCALE: N.T.S. C22



**STORM PIPE TRENCH** 5  
SCALE: N.T.S. C22

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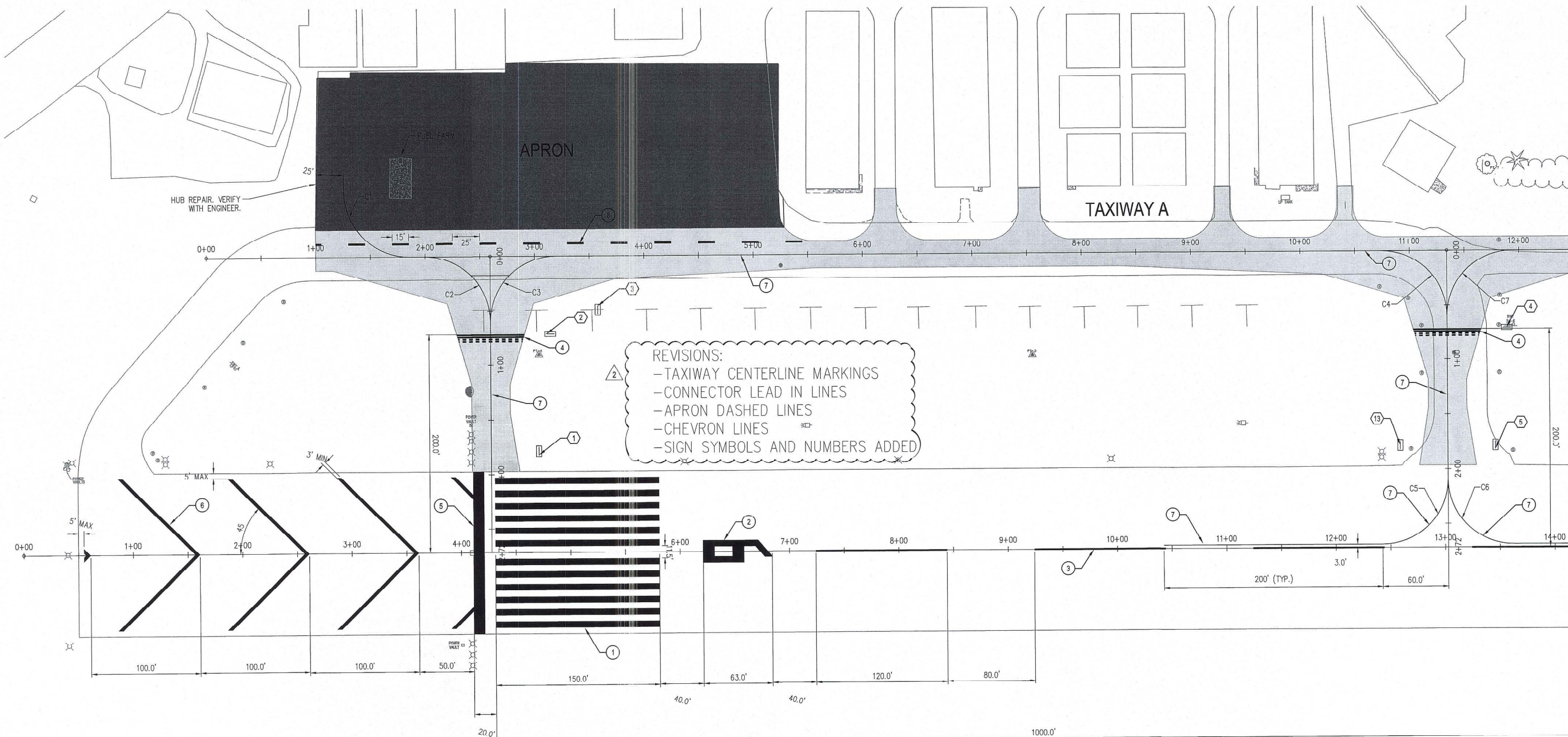


NO.	BY	DATE	REMARKS
1	AB	6/23/18	CHANGE ORDER #1

DESIGNED	DB	DRAWN	DB	CHECKED	JS	APPROVED	ES	LAST EDIT	6/20/2018	PLCT DATE	6/20/2018	SUBMITTAL

**GRADING AND DRAINAGE DETAILS**  
**2016 TAXIWAY IMPROVEMENTS PROJECT**  
**ED CARLSON MEMORIAL FIELD**  
**SOUTH LEWIS COUNTY AIRPORT**  
 PROJECT NUMBER: 11717W  
 DRAWING FILE NAME: 11717W-C-DT00  
 SCALE: AS SHOWN

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**# PAVEMENT MARKING NOTES:**

1. STRIPE 5.75 FOOT WIDE RUNWAY THRESHOLD MARKING WITH 5.75 FOOT SPACING (WHITE).
2. STRIPE RUNWAY DESIGNATION MARKING (WHITE), SEE DETAIL <sup>3</sup>/<sub>C27</sub>
3. STRIPE 18 INCH WIDE RUNWAY CENTERLINE MARKING (WHITE).
4. STRIPE HOLDING POSITION MARKING (YELLOW), SEE DETAIL <sup>1</sup>/<sub>C27</sub>
5. STRIPE 10 FOOT WIDE THRESHOLD BAR (WHITE).
6. STRIPE 3 FOOT WIDE CHEVRON (YELLOW).
7. STRIPE 6 INCH WIDE TAXIWAY CENTERLINE MARKING (YELLOW).
8. STRIPE TAXIWAY EDGE MARKING (YELLOW), SEE DETAIL <sup>4</sup>/<sub>C27</sub>

**GENERAL NOTES:**

1. CLEAN AND SEAL ALL CRACKS WIDER THAN 1/4-INCH WIDTH. FILL CRACK SEALANT JUST BELOW THE PAVEMENT SURFACE. CRACK SEALING SHALL BE COMPLETED PRIOR TO FOG SEAL APPLICATION.
2. CONTRACTOR SHALL PROTECT THE TIE-DOWN ANCHORS AND CONCRETE PAVEMENT FROM FOG SEAL APPLICATION. ANY SPILLED FOG SEAL MATERIAL SHALL BE CLEANED UP RIGHT AWAY.
3. MARKING LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL IDENTIFY AND SURVEY ALL NEW MARKINGS.
4. TWO COATS OF PAINT MARKINGS ARE REQUIRED. THE FIRST COAT SHALL BE APPLIED RIGHT AFTER THE FOG SEAL APPLICATION OR FINAL AC, WHILE THE SECOND COAT SHALL BE APPLIED AT LEAST 30 DAYS AFTER THE FIRST APPLICATION.
5. ALL FINAL MARKINGS SHALL RECEIVE GLASS BEADS. EXCESS GLASS BEADS SHALL BE VACUUMED AFTER MARKING APPLICATIONS.

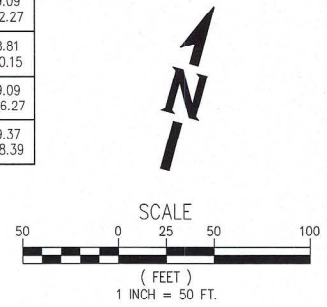
**# PAVEMENT MARKING NOTES:**

1. SEE SHEET C-27 FOR SIGN LEGEND

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C3	60.00	90°00'00"	60.00	94.25	N: 425295.44 E: 1057329.11	N: 425368.64 E: 1057372.03
C4	60.00	90°00'00"	60.00	94.25	N: 425516.17 E: 1058175.47	N: 425559.09 E: 1058102.27
C5	60.00	90°00'00"	60.00	94.25	N: 425372.01 E: 1058213.07	N: 425298.81 E: 1058170.15
C6	60.00	90°00'00"	60.00	94.25	N: 425372.01 E: 1058213.07	N: 425329.09 E: 1058286.27
C7	60.00	90°00'00"	60.00	94.25	N: 425516.17 E: 1058175.47	N: 425589.37 E: 1058218.39

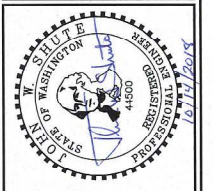
**LEGEND:**

- NEW PAVEMENT SECTION
- CRACK SEAL AND FOG SEAL LIMITS



MATCHLINE TW A STA. 12+50 (SEE SHEET C24)

**WHPacific**  
 12100 NE 195th St, Ste 300  
 Bothell, WA 98011  
 425-951-4800 Fax 425-951-4808  
 www.whpacific.com



REVISIONS	NO.	BY	DATE	REMARKS
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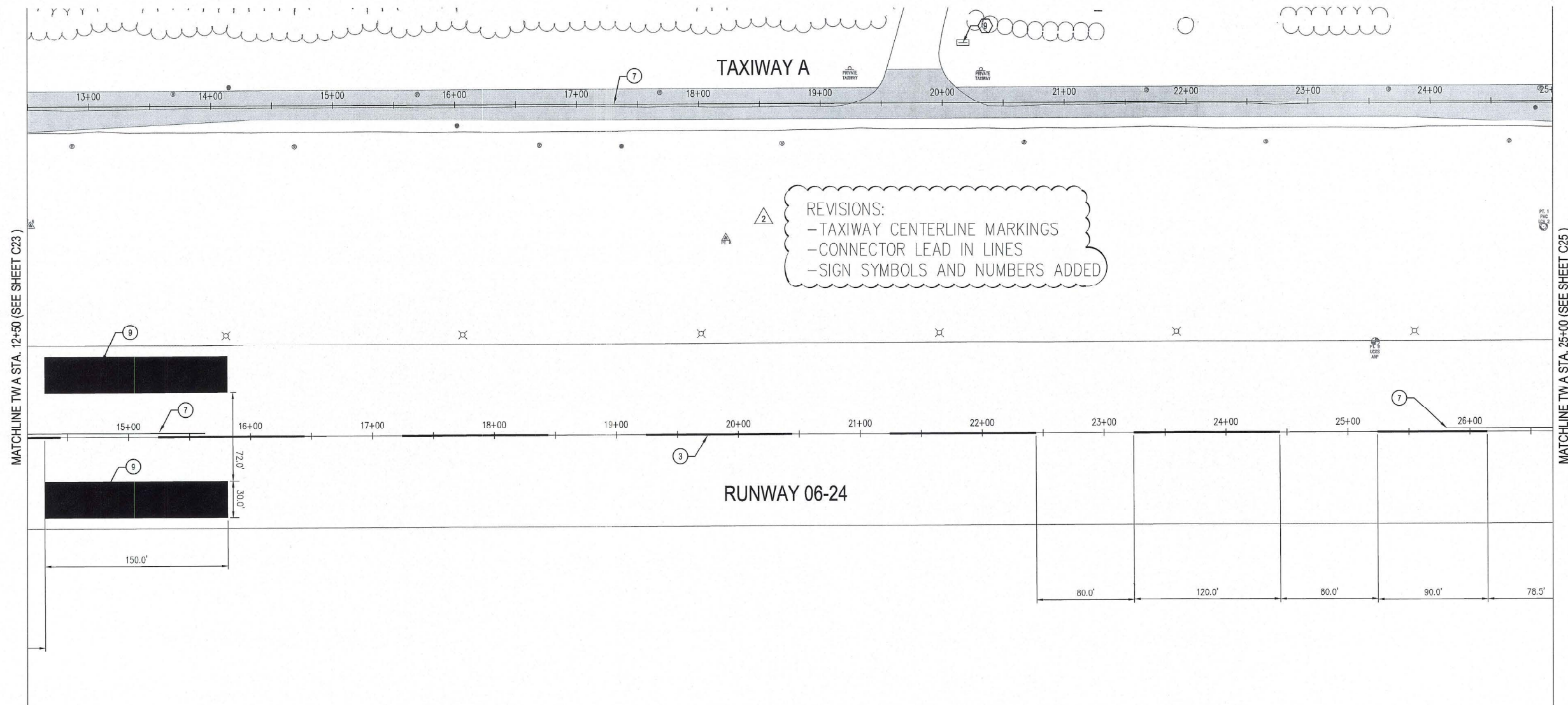
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DRAWN	JS
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APPROVED	ES
LAST EDIT	6/20/2018
PLOT DATE	6/20/2018
SUBMITTAL	

**MARKING AND APRON REHABILITATION PLAN**  
**2016 TAXIWAY IMPROVEMENTS PROJECT**  
 ED CARLSON MEMORIAL FIELD  
 SOUTH LEWIS COUNTY AIRPORT

SCALE: AS SHOWN  
 DRAWING FILE NAME: 11717W-C-MP00  
 PROJECT NUMBER: 11717W




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REVISIONS:  
 - TAXIWAY CENTERLINE MARKINGS  
 - CONNECTOR LEAD IN LINES  
 - SIGN SYMBOLS AND NUMBERS ADDED

# PAVEMENT MARKING NOTES:

1. STRIPE 5.75 FOOT WIDE RUNWAY THRESHOLD MARKING WITH 5.75 FOOT SPACING (WHITE).
2. STRIPE RUNWAY DESIGNATION MARKING (WHITE), SEE DETAIL 
3. STRIPE 18 INCH WIDE RUNWAY CENTERLINE MARKING (WHITE).
4. STRIPE HOLDING POSITION MARKING (YELLOW), SEE DETAIL 
5. STRIPE 10 FOOT WIDE THRESHOLD BAR (WHITE).
6. STRIPE 3 FOOT WIDE CHEVRON (YELLOW).
7. STRIPE 6 INCH WIDE TAXIWAY CENTERLINE MARKING (YELLOW).
8. STRIPE TAXIWAY EDGE MARKING (YELLOW), SEE DETAIL 
9. STRIPE 30' WIDE AIMING POINT MARKERS (WHITE).



GENERAL NOTES:

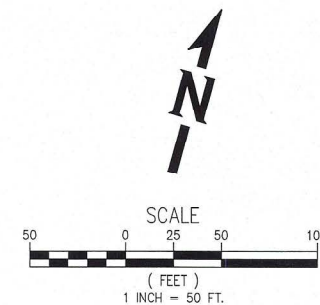
1. CLEAN AND SEAL ALL CRACKS WIDER THAN 1/4-INCH WIDTH. FILL CRACK SEALANT JUST BELOW THE PAVEMENT SURFACE. CRACK SEALING SHALL BE COMPLETED PRIOR TO FOG SEAL APPLICATION.
2. CONTRACTOR SHALL PROTECT THE TIE-DOWN ANCHORS AND CONCRETE PAVEMENT FROM FOG SEAL APPLICATION. ANY SPILLED FOG SEAL MATERIAL SHALL BE CLEANED UP RIGHT AWAY.
3. MARKING LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL IDENTIFY AND SURVEY ALL NEW MARKINGS.
4. TWO COATS OF PAINT MARKINGS ARE REQUIRED. THE FIRST COAT SHALL BE APPLIED RIGHT AFTER THE FOG SEAL APPLICATION OR FINAL AC, WHILE THE SECOND COAT SHALL BE APPLIED AT LEAST 30 DAYS AFTER THE FIRST APPLICATION.
5. ALL FINAL MARKINGS SHALL RECEIVE GLASS BEADS. EXCESS GLASS BEADS SHALL BE VACUUMED AFTER MARKING APPLICATIONS.

# PAVEMENT MARKING NOTES:

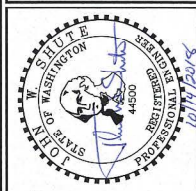
1. SEE SHEET C-27 FOR SIGN LEGEND

LEGEND:

-  NEW PAVEMENT SECTION
-  CRACK SEAL AND FOG SEAL LIMITS



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 12100 NE 195th St, Ste 300  
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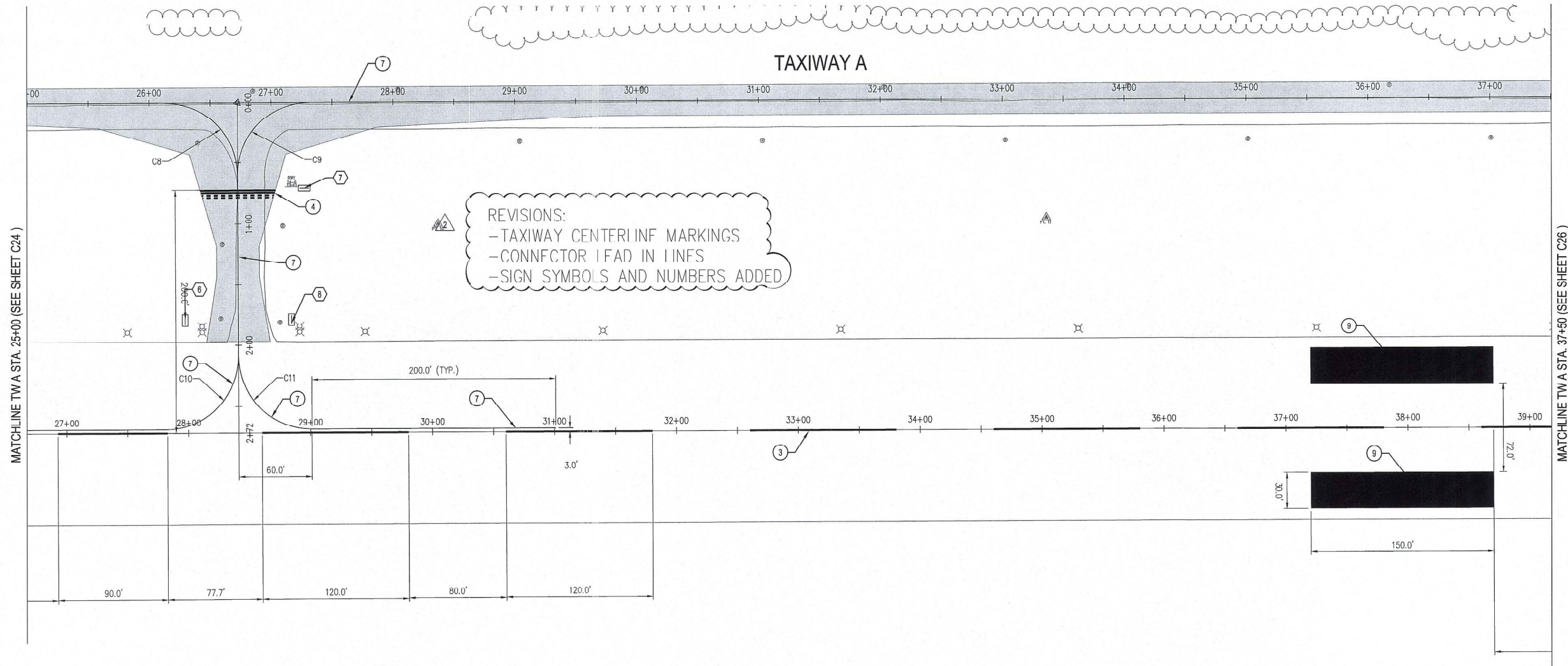
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SHEET INFO	
DESIGNED	DB
DRAWN	DB
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APPROVED	ES
LAST EDIT	6/20/2018
PLCT DATE	6/20/2018
SUBMITTAL	

MARKING AND APRON REHABILITATION PLAN  
 2016 TAXIWAY IMPROVEMENTS PROJECT  
 ED CARLSON MEMORIAL FIELD  
 SOUTH LEWIS COUNTY AIRPORT  
 PROJECT NUMBER 11717W  
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 SCALE AS SHOWN




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**REVISIONS:**  
 - TAXIWAY CENTERLINE MARKINGS  
 - CONNECTOR LEAD IN LINES  
 - SIGN SYMBOLS AND NUMBERS ADDED

**PAVEMENT MARKING NOTES:**

1. STRIPE 5.75 FOOT WIDE RUNWAY THRESHOLD MARKING WITH 5.75 FOOT SPACING (WHITE).
2. STRIPE RUNWAY DESIGNATION MARKING (WHITE), SEE DETAIL 
3. STRIPE 18 INCH WIDE RUNWAY CENTERLINE MARKING (WHITE).
4. STRIPE HOLDING POSITION MARKING (YELLOW), SEE DETAIL 
5. STRIPE 10 FOOT WIDE THRESHOLD BAR (WHITE).
6. STRIPE 3 FOOT WIDE CHEVRON (YELLOW).
7. STRIPE 6 INCH WIDE TAXIWAY CENTERLINE MARKING (YELLOW).
8. STRIPE TAXIWAY EDGE MARKING (YELLOW), SEE DETAIL 
9. STRIPE 30' WIDE AIMING POINT MARKERS (WHITE).



**GENERAL NOTES:**

1. CLEAN AND SEAL ALL CRACKS WIDER THAN 1/4-INCH WIDTH. FILL CRACK SEALANT JUST BELOW THE PAVEMENT SURFACE. CRACK SEALING SHALL BE COMPLETED PRIOR TO FOG SEAL APPLICATION.
2. CONTRACTOR SHALL PROTECT THE TIE-DOWN ANCHORS AND CONCRETE PAVEMENT FROM FOG SEAL APPLICATION. ANY SPILLED FOG SEAL MATERIAL SHALL BE CLEANED UP RIGHT AWAY.
3. MARKING LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL IDENTIFY AND SURVEY ALL NEW MARKINGS.
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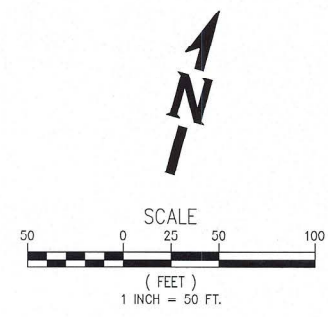
**PAVEMENT MARKING NOTES:**

1. SEE SHEET C-27 FOR SIGN LEGEND

**LEGEND:**

-  NEW PAVEMENT SECTION
-  CRACK SEAL AND FOG SEAL LIMITS

CURVE TABLE						
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C9	60.00	90°00'00"	60.00	94.25	N: 425904.35 E: 1059663.82	N: 425977.55 E: 1059700.74
C10	60.00	90°00'00"	60.00	94.25	N: 425687.03 E: 1059658.73	N: 425760.23 E: 1059701.65
C11	60.00	90°00'00"	60.00	94.25	N: 425760.23 E: 1059701.65	N: 425717.32 E: 1059774.84

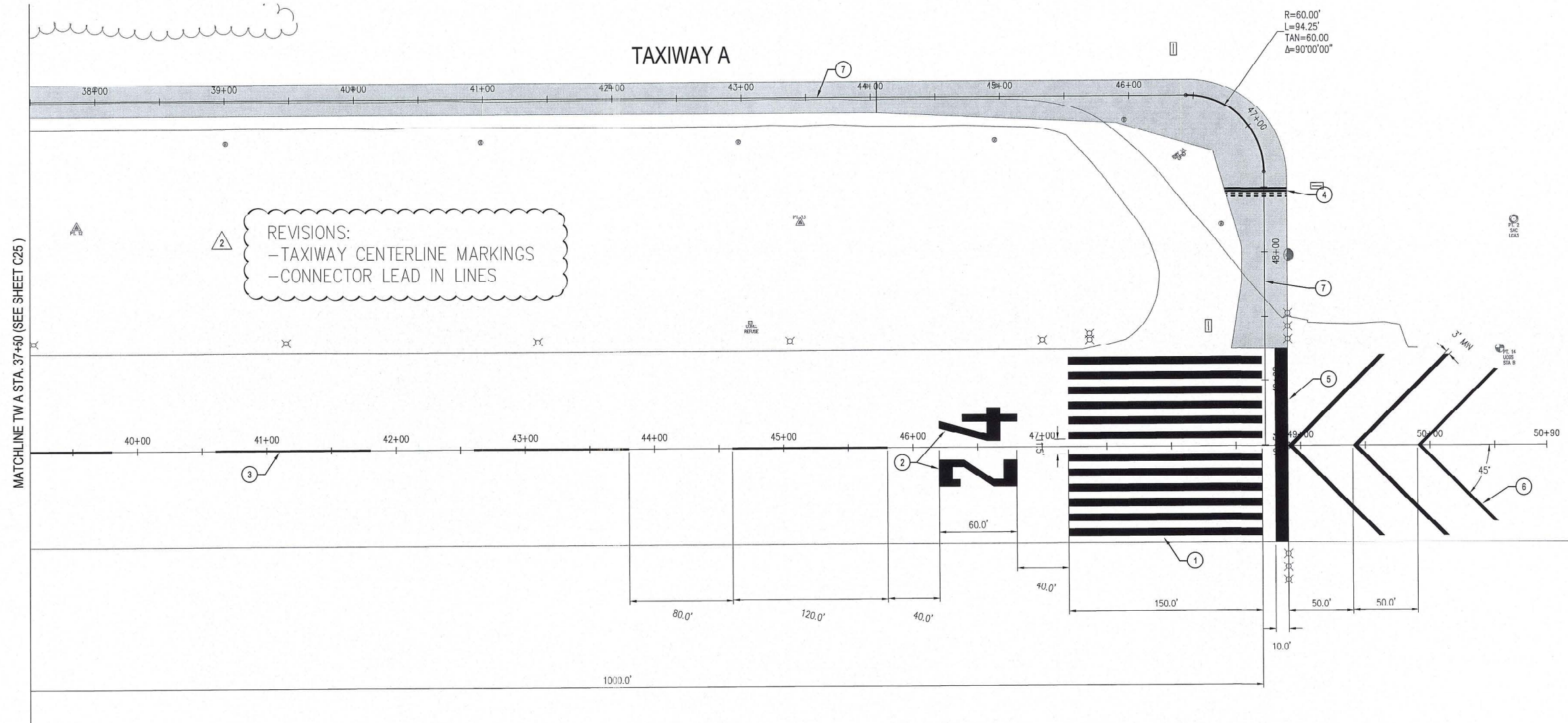


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SHEET INFO	
DESIGNED	DB
DRAWN	DB
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APPROVED	ES
LAST EDIT	6/20/2018
PLOT DATE	6/20/2018
SUBMITTAL	




**MARKING AND APRON REHABILITATION PLAN**  
**2016 TAXIWAY IMPROVEMENTS PROJECT**  
 ED CARLSON MEMORIAL FIELD  
 SOUTH LEWIS COUNTY AIRPORT  
 PROJECT NUMBER: 11717M-C-MP00  
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 SCALE: AS SHOWN

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REVISIONS:  
 - TAXIWAY CENTERLINE MARKINGS  
 - CONNECTOR LEAD IN LINES

# PAVEMENT MARKING NOTES:

1. STRIPE 5.75 FOOT WIDE RUNWAY THRESHOLD MARKING WITH 5.75 FOOT SPACING (WHITE).
2. STRIPE RUNWAY DESIGNATION MARKING (WHITE), SEE DETAIL 
3. STRIPE 18 INCH WIDE RUNWAY CENTERLINE MARKING (WHITE).
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6. STRIPE 3 FOOT WIDE CHEVRON (YELLOW).
7. STRIPE 6 INCH WIDE TAXIWAY CENTERLINE MARKING (YELLOW).
8. STRIPE TAXIWAY EDGE MARKING (YELLOW), SEE DETAIL 



GENERAL NOTES:

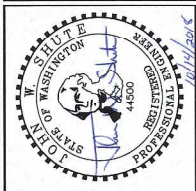
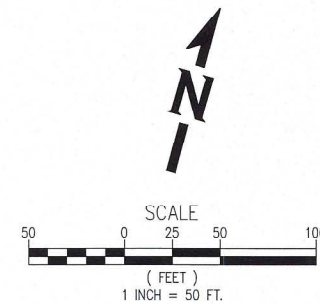
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# PAVEMENT MARKING NOTES:

1. SEE SHEET C-27 FOR SIGN LEGEND

LEGEND:

-  NEW PAVEMENT SECTION
-  CRACK SEAL AND FOG SEAL LIMITS



NO.	BY	DATE	REMARKS
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2	AB	6/20/18	CHANGE ORDER #1

DESIGNED	DB	DRAWN	DB	CHECKED	JS	APPROVED	ES	LAST EDIT	6/20/2018	PLOT DATE	6/20/2018	SUBMITTAL
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**MARKING AND APRON REHABILITATION PLAN**  
**2016 TAXIWAY IMPROVEMENTS PROJECT**  
 ED CARLSON MEMORIAL FIELD  
 SOUTH LEWIS COUNTY AIRPORT  
 PROJECT NUMBER 11717W  
 DRAWING FILE NAME 11717W-C-MP00  
 SCALE AS SHOWN



SITE PLAN SYMBOLS

Table with columns for NEW and EXISTING symbols. Includes symbols for airfield conductors, runway lights, taxiway edge lights, and various electrical components like handholes and wind cones.

COLOR LEGEND: W - WHITE/CLEAR, Y - YELLOW, R - RED, G - GREEN, O - OBSCURED

BUILDING PLAN SYMBOLS

Table of building plan symbols including homerun, conduit transitions, equipment, duplex receptacles, ground symbols, and equipment identifiers.

ONE-LINE SYMBOLS

Table of one-line symbols for demolition, fuse, generator, ground, motor, power transformer, switch, surge arrester, ground rod, conduit stub, meter, current transformer, constant current regulator, fused switch, and antenna.

LEGEND (EXISTING)

Table of existing legend symbols including brass cap surface monument, rebar & cap, sanitary sewer cleanout, storm drain manhole, catch basin, electrical junction box, sign, water valve, monitoring well, storm line, sanitary sewer line, water line, fence line, aerial power line, gas line, buried power line, property line, and utility pole.

LEGEND (PROPOSED)

Table of proposed legend symbols including construction area, active runway and aircraft taxi routes, 6" perf HDPE subdrain, storm drain, runway safety area, runway object free area, taxiway safety area, taxiway object free area, part 77 approach surface, runway protection zone, construction limit barrier fence (orange), brass cap surface monument, rebar/cap, detail reference, and image reference.

ABBREVIATIONS

Large table of abbreviations for electrical symbols, including terms like AMPERE, ABOVE FINISHED FLOOR, ALUMINUM, BREAKER, BUILDING, CONDUIT, CONTROL, CONDUCTOR, DIAMETER, DISTANCE REMAINING MARKER, DRAWING, ELECTRICAL, FEDERAL AVIATION ADMINISTRATION, FULL LOAD AMPERES, FEET, FOOT, FUSE, GROUND FAULT CIRCUIT INTERRUPTER, GALVANIZED RIGID STEEL, HIGH INTENSITY RUNWAY LIGHTING, INSTRUMENT LANDING SYSTEM, JUNCTION BOX, THOUSAND CIRCULAR MILS, KILOVOLT, KILOWATT, LOCK-OUT/TAG-OUT, MEDIUM INTENSITY APPROACH LIGHT SYSTEM WITH RUNWAY ALIGNMENT INDICATOR LIGHTS, NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION, NATIONAL FIRE PROTECTION ASSOCIATION, OUT OF SERVICE, POLE, PUMP, POWER, PRECISION APPROACH PATH INDICATOR, PHOTO-CELL, PHASE, PANEL, PAIR, POLYVINYL CHLORIDE, RADIUS, RECEPTACLE, RUNWAY END IDENTIFIER LIGHT, ROOM, RUNWAY OBJECT FREE AREA, RUNWAY PROTECTION ZONE, RUNWAY SAFETY AREA, RUNWAY, SHORT CIRCUIT AMPS, SCHEDULE, SERIES CUT OUT, SERVICE ENTRANCE, HARD SERVICE OIL-RESISTANT SURGE PROTECTIVE DEVICE, SPECIFICATION, SQUARE, STAINLESS STEEL, STATION SWITCH, TRANSIENT VOLTAGE SURGE SUPPRESSOR, TAXIWAY SAFETY AREA, TAXIWAY TYPICAL, TRANSFORMER, UNDERGROUND, UNLESS NOTED OTHERWISE, UNDERGROUND SERVICE ENTRANCE CABLE UTILITY VAULT, CO., VOLT, VOLT - AMPERE, VISUAL APPROACH SLOPE INDICATOR, WATERPROOF.

DATE: 1/15/2015 8:21 AM [AUTHOR: curtis] [PLOTTER: LANIER LD151 RPCS.pc3] [STYLE: WHP-Standard.ctb] [PATH: R:\5656-078.00\Dwgs\Prim\_Org\WHP Title & Border Sheet\Civil\000XXXW-C-LT01.dwg] [LAYOUT: C18]

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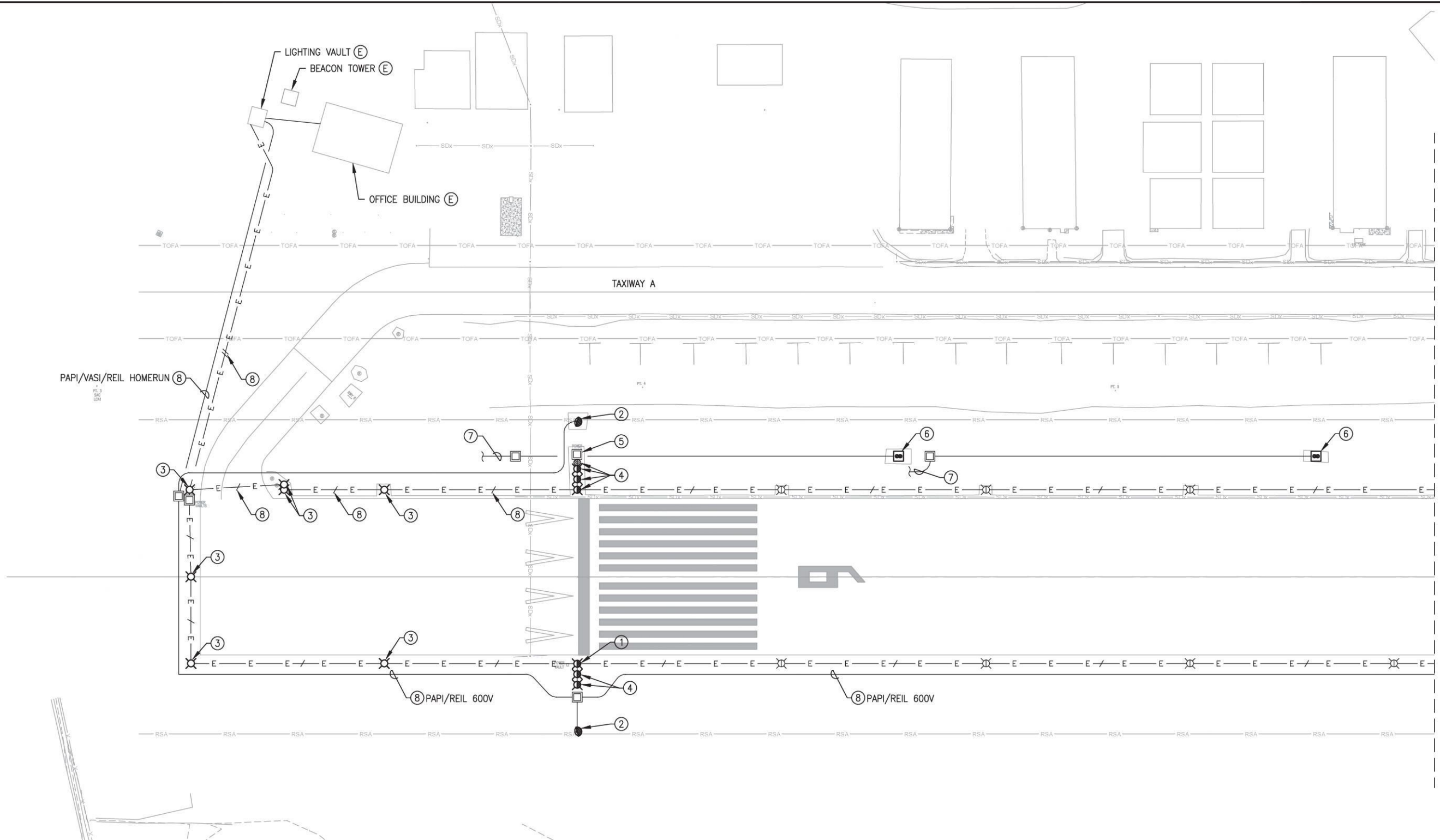
Table for REVISIONS with columns for NO, BY, DATE, and REMARKS.

Table for SHEET INFO with columns for DESIGNED, DRAWN, CHECKED, APPROVED, LAST EDIT, PLOT DATE, and SUBMITTAL.

ELECTRICAL SYMBOLS AND ABBREVIATIONS 2016 TAXIWAY IMPROVEMENT PROJECT ED CARLSON MEMORIAL FIELD SOUTH LEWIS COUNTY AIRPORT PROJECT NUMBER 11717W DRAWING FILE NAME X6\_E001 SCALE AS NOTED



SHEET NUMBER E0.1



MATCHLINE - SEE SHEET E1.2

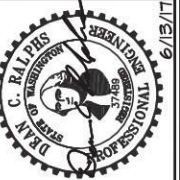
**KEYED NOTES**

- ① SALVAGE THRESHOLD LIGHT. SPLICE CONDUCTORS AS REQUIRED TO RESTORE CIRCUIT. PROVIDE BLANK COVER FOR BASECAN.
- ② REMOVE REIL, PAD AND WIRING IN CONDUIT BACK TO PANELBOARD. EXISTING CONDUIT TO REMAIN.
- ③ SALVAGE EDGE LIGHT. SPLICE CONDUCTORS AS REQUIRED TO RESTORE CIRCUIT. PROVIDE BLANK COVER FOR BASECAN.
- ④ SALVAGE THRESHOLD LIGHT. REMOVE BASECAN AND CABLE IN CONDUIT BACK TO NEAREST BASECAN/HANDHOLE.
- ⑤ REMOVE HANDHOLE AND CABLE IN CONDUIT BACK TO NEAREST BASECAN/HANDHOLE.
- ⑥ REMOVE VASI, PAD AND WIRING BACK TO PANELBOARD. CONNECTING CONDUIT TO BE REUSED FOR NEW PAPI.
- ⑦ DEMOLISH VASI CIRCUIT HOMERUN WIRE. AS-BUILD ROUTING FOR INSTALLATION OF REPLACEMENT PAPI.
- ⑧ DEMOLISH WIRING FROM CONDUIT.



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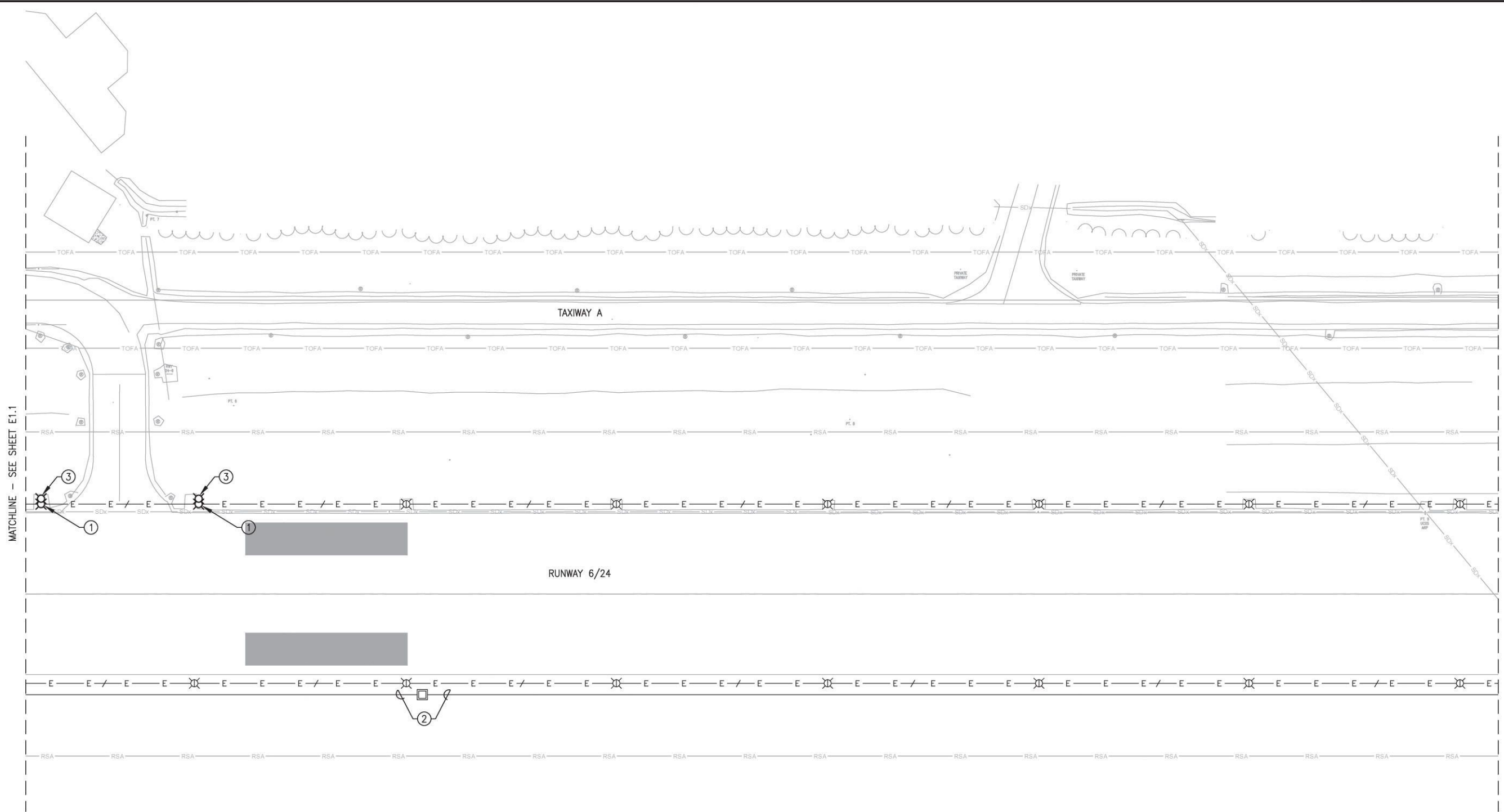


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APPROVED	DCR		
LAST EDIT	6/13/2017		
PLOT DATE	6/13/2017		
	SUBMITTAL		

**ELECTRICAL DEMOLITION PLAN 1 OF 4**  
**2016 TAXIWAY IMPROVEMENT PROJECT**  
ED CARLSON MEMORIAL FIELD  
SOUTH LEWIS COUNTY AIRPORT  
PROJECT NUMBER 11717W  
DRAWING FILE NAME X6\_E101  
SCALE AS NOTED

SHEET NUMBER  
**E1.1**

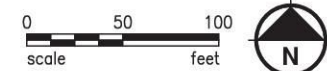




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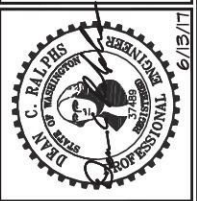
**KEYED NOTES**

- ① SALVAGE TAXIWAY EDGE LIGHT. SPLICE CONDUCTORS AS REQUIRED TO RESTORE CIRCUIT. PROVIDE BLANK COVER FOR BASECAN.
- ② REMOVE PAPI/REIL 600V WIRING FROM CONDUIT.
- ③ SALVAGE TAXIWAY EDGE LIGHT. REMOVE BASECAN AND CABLE IN CONDUIT BACK TO NEAREST BASECAN/HANDHOLE.



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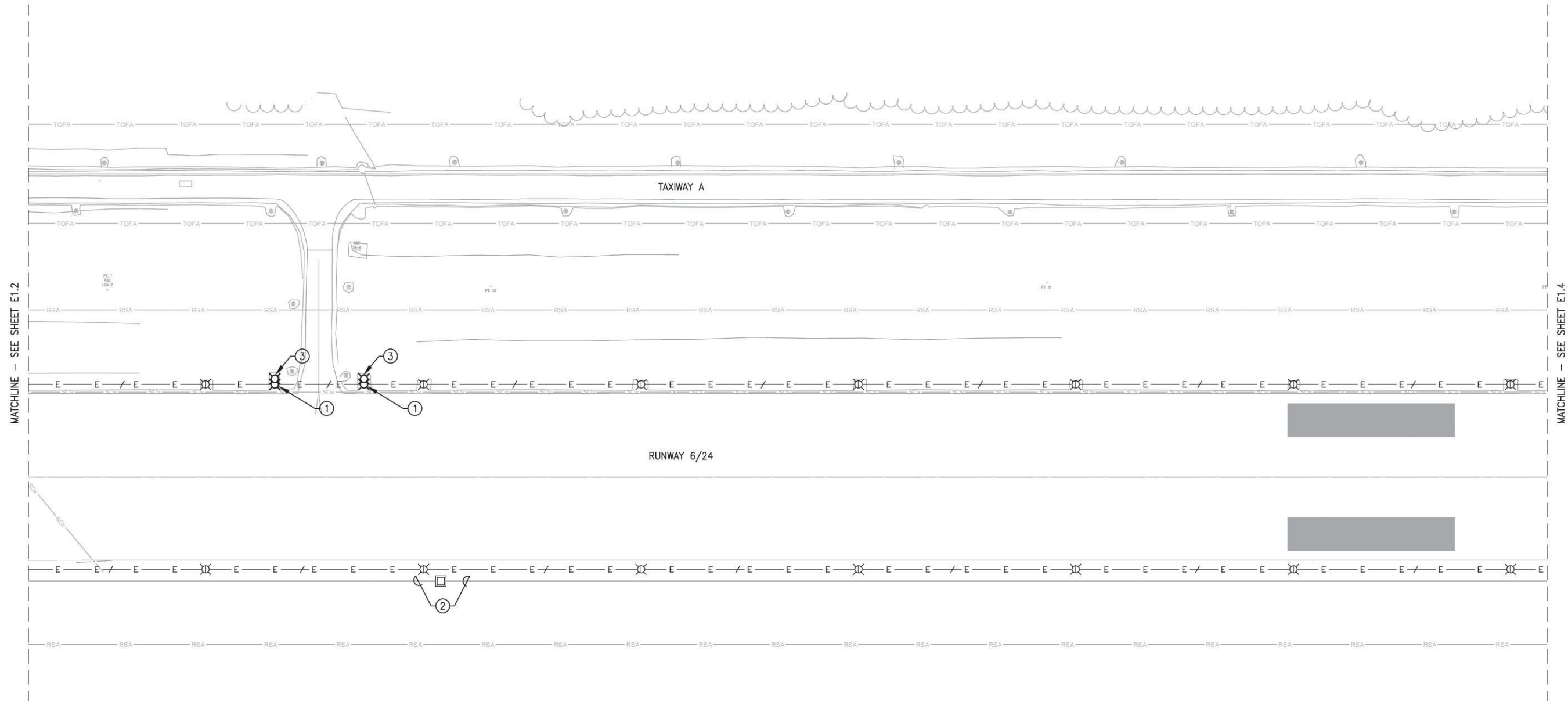
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DRAWN	CHS
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APPROVED	DCR
LAST EDIT	6/13/2017
PLOT DATE	6/13/2017
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**ELECTRICAL DEMOLITION PLAN 2 OF 4**  
**2016 TAXIWAY IMPROVEMENT PROJECT**  
 ED CARLSON MEMORIAL FIELD  
 SOUTH LEWIS COUNTY AIRPORT

PROJECT NUMBER: 11717W  
 DRAWING FILE NAME: X6\_E102  
 SCALE: AS NOTED

SHEET NUMBER  
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[DATE: 1/15/2015 8:21 AM] [AUTHOR: curtis] [PLOTTER: LANIER LD151 RPCS.pc3] [STYLE: WHP-Standard.ctb] [PATH: R:\5656-078.00\Dwgs\Prim\_Org\WHP Title & Border Sheet\Civil\000XXXW-C-LT01.dwg] [LAYOUT: C18]



**KEYED NOTES**

- ① SALVAGE TAXIWAY EDGE LIGHT. SPLICE CONDUCTORS AS REQUIRED TO RESTORE CIRCUIT. PROVIDE BLANK COVER FOR BASECAN.
- ② REMOVE PAPI/REIL 600V WIRING FROM CONDUIT.
- ③ SALVAGE TAXIWAY EDGE LIGHT. REMOVE BASECAN AND CABLE IN CONDUIT BACK TO NEAREST BASECAN/HANDHOLE.



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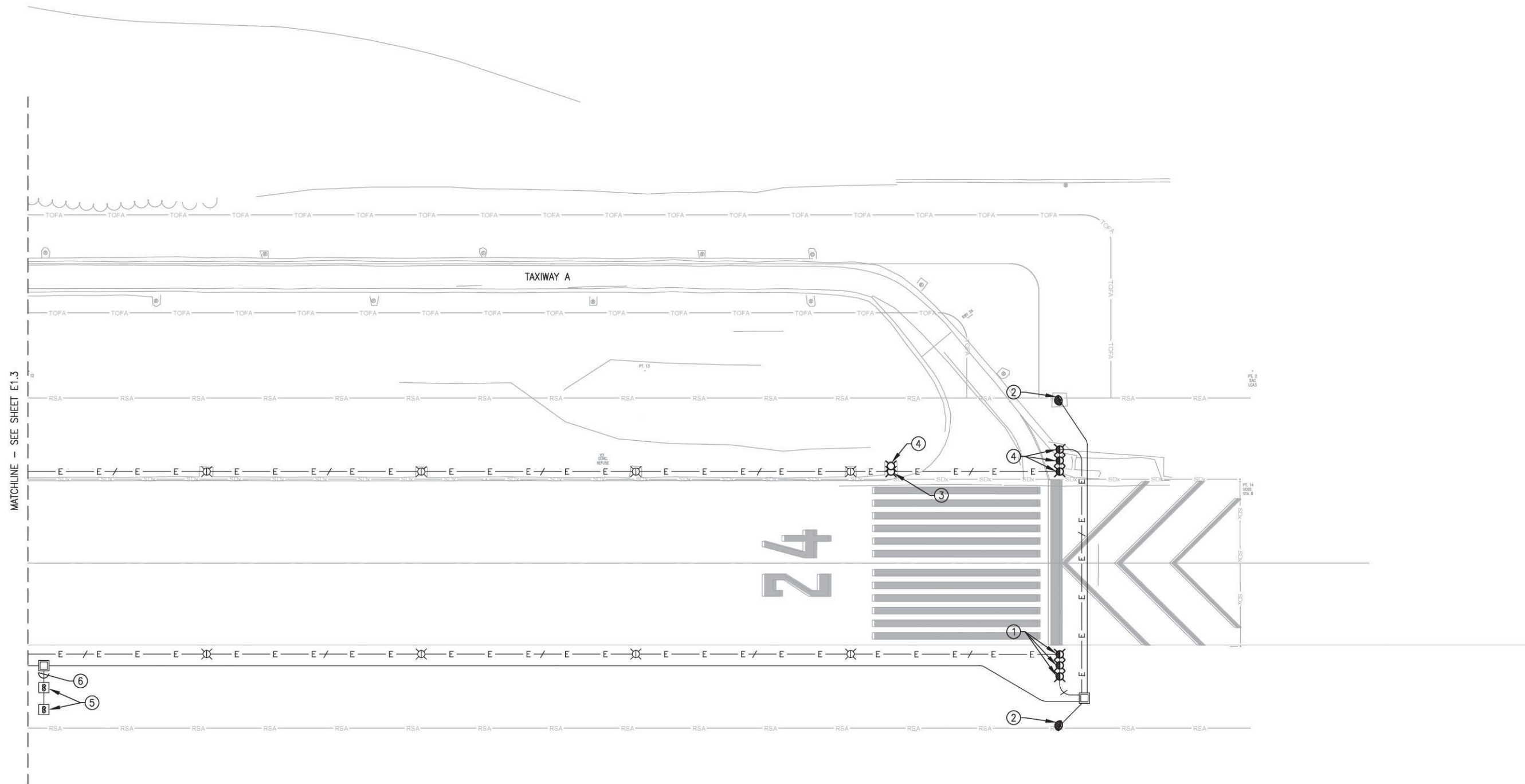
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LAST EDIT	6/13/2017
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**ELECTRICAL DEMOLITION PLAN 3 OF 4**  
**2016 TAXIWAY IMPROVEMENT PROJECT**  
ED CARLSON MEMORIAL FIELD  
SOUTH LEWIS COUNTY AIRPORT

PROJECT NUMBER: 11717W  
DRAWING FILE NAME: X6\_E103  
SCALE: AS NOTED

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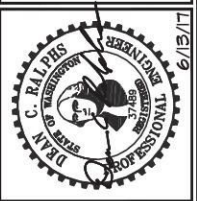
**KEYED NOTES**

- ① SALVAGE THRESHOLD LIGHT. SPLICE CONDUCTORS AS REQUIRED TO RESTORE CIRCUIT. PROVIDE BLANK COVER FOR BASECAN.
- ② REMOVE REIL, PAD AND WIRING BACK TO PANELBOARD. PORTIONS OF CONDUIT TO BE REUSED.
- ③ SALVAGE EDGE LIGHT. SPLICE CONDUCTORS AS REQUIRED TO RESTORE CIRCUIT. PROVIDE BLANK COVER FOR BASECAN.
- ④ SALVAGE THRESHOLD LIGHT. REMOVE BASECAN AND CABLE IN CONDUIT BACK TO NEAREST BASECAN/HANDHOLE.
- ⑤ EXISTING PAPI TO REMAIN.
- ⑥ EXISTING CONDUIT TO REMAIN. REMOVE PAPI WIRING BACK TO PANELBOARD.



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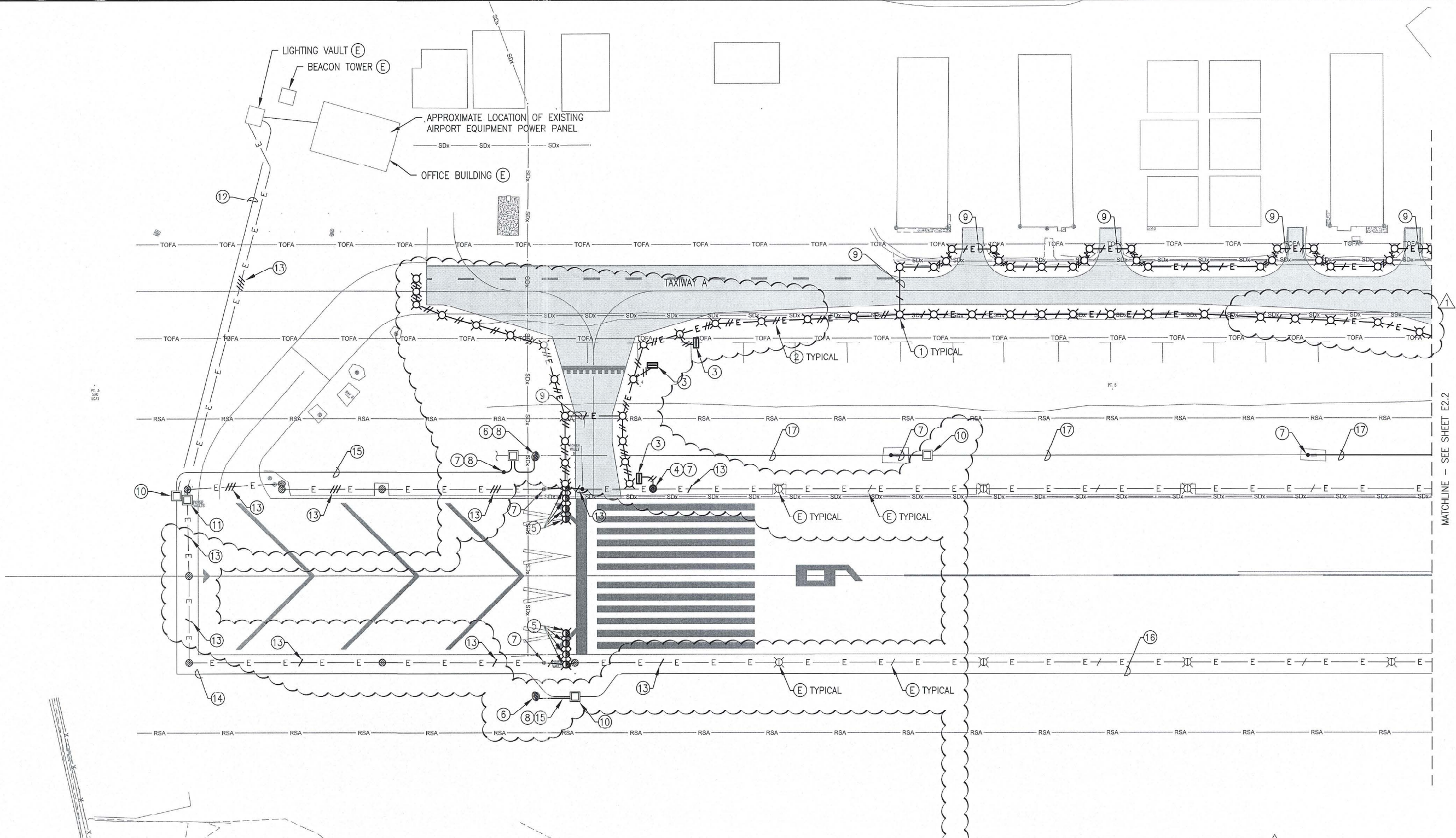


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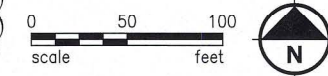
**ELECTRICAL DEMOLITION PLAN 4 OF 4**  
**2016 TAXIWAY IMPROVEMENT PROJECT**  
 ED CARLSON MEMORIAL FIELD  
 SOUTH LEWIS COUNTY AIRPORT  
 PROJECT NUMBER 11717W  
 DRAWING FILE NAME X6\_E104  
 SCALE AS NOTED

SHEET NUMBER  
**E1.4**



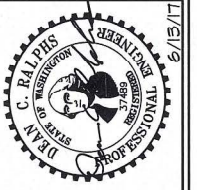
**KEYED NOTES**

- ① PROVIDE NEW L-867 BASECAN PER DWG E4.1 DETAIL 1. PROVIDE NEW L-861T(L) TAXIWAY EDGE LIGHT PER DWG E4.1 DETAIL 2.
- ② PROVIDE NEW DIRECT BURIED 2" PVC SCH 40 CONDUIT WITH COUNTERPOISE AND QUANTITY OF L-824 #8 5KV CONDUCTORS AS INDICATED. SEE DWG E4.1 DETAIL 3.
- ③ PROVIDE L-858(L) SIGN PER DWG E4.1 DETAIL 5.
- ④ PROVIDE NEW L-867 BASECAN PER DWG E4.1 DETAIL 1.
- ⑤ PROVIDE NEW L-867 BASECAN PER DWG E4.1 DETAIL 1. PROVIDE NEW L-861E(L) THRESHOLD LIGHT PER DWG E4.1 DETAIL 2.
- ⑥ PROVIDE REIL PER DWG E4.2 DETAIL 1.
- ⑦ PROVIDE 2" PVC DIRECT BURIED CONDUIT AND SPLICE TO EXISTING CONDUIT AND RESTORE CIRCUIT PATHWAY.
- ⑧ PROVIDE 2" PVC DIRECT BURIED CONDUIT TO EXISTING HANDHOLE AND RESTORE CIRCUIT PATHWAY.
- ⑨ PROVIDE 2" PVC SCH 40 DUCT BANK UNDER TAXIWAY TO 3' BEYOND EDGE OF PAVEMENT PER DWG E4.1 DETAIL 6. QUANTITY OF L-824 #8 5KV CONDUCTORS AS INDICATED.
- ⑩ COIL 6" SLACK OF NEW WIRING NEATLY WITH PLASTIC CABLE TIES AND LABEL WITH DEVICE SERVED E.G. "REIL", "6 PAPI" OR "24 PAPI".
- ⑪ COIL EXISTING CABLE PAIR NEATLY WITH PLASTIC CABLE TIES AND "RWY LTG" LABEL. COIL 6" SLACK OF NEW CABLE PAIR NEATLY WITH PLASTIC CABLE TIES AND "TWY LTG" LABEL.
- ⑫ PROVIDE #10G AND 2#10 WITHIN EXISTING CONDUIT FOR THE FOLLOWING CIRCUITS:  
RWY 6 REILS, AIRPORT EQUIPMENT PANEL CKT 1,3  
RWY 6 PAPI, AIRPORT EQUIPMENT PANEL CKT 5,7  
REIL 24 REILS, AIRPORT EQUIPMENT PANEL CKT 1,3  
RWY 24 PAPI, AIRPORT EQUIPMENT PANEL CKT 16,18.
- ⑬ PROVIDE L-824 #8 5KV CONDUCTORS IN NEW/EXISTING CONDUIT, QUANTITY AS SHOWN.
- ⑭ EXISTING CONDUIT. PROVIDE 2#10, #10G + #12 MIN AND REIL INTERCONNECT WIRING PER MANUFACTURER FOR RWY 6 REILS. PROVIDE 6#10, #10G MIN FOR RWY 24 REIL & PAPI.
- ⑮ PROVIDE 2#10, #10G + #12 MIN AND REIL INTERCONNECT WIRING PER MANUFACTURER FOR RWY 6 REILS. PROVIDE 2#10, #10G FOR RWY 6 PAPI.
- ⑯ PROVIDE 4#10, #10G MIN WITHIN EXISTING CONDUIT FOR RWY 24 REILS AND PAPI.
- ⑰ PROVIDE 2#10, #10G MIN FOR RWY 6 PAPI.



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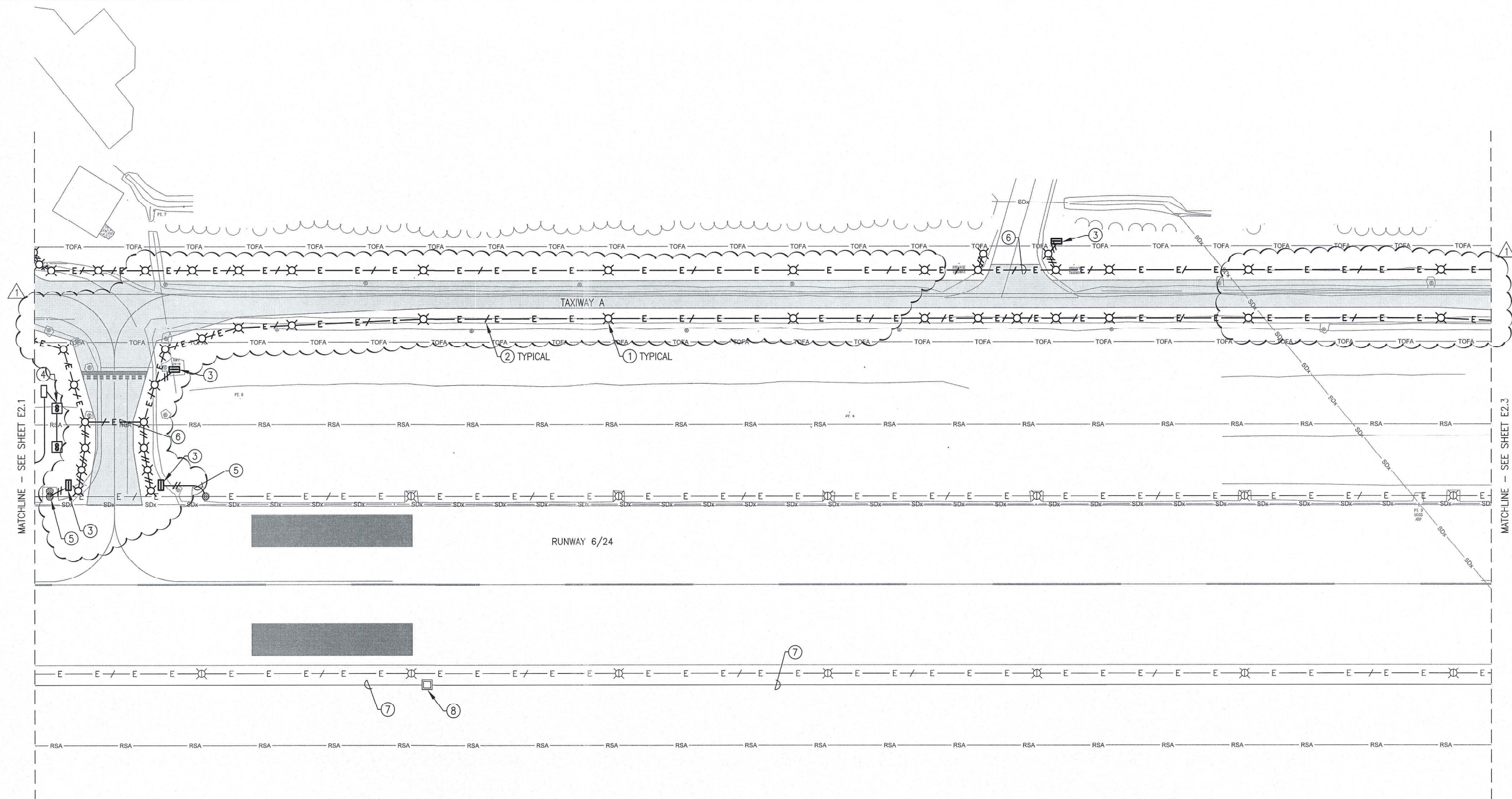
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	1	DCR	5/30/18	REVISED TAXIWAY LIGHTING AND SIGNS

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DESIGNED	CHS
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**ELECTRICAL CONSTRUCTION PLAN 1 OF 4**  
**2016 TAXIWAY IMPROVEMENT PROJECT**  
ED CARLSON MEMORIAL FIELD  
SOUTH LEWIS COUNTY AIRPORT

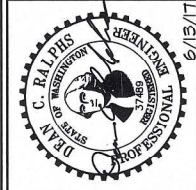
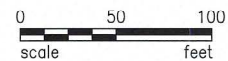
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DRAWING FILE NAME: X6\_E201  
SCALE: AS NOTED

SHEET NUMBER: **E2.1**



**KEYED NOTES**

- ① PROVIDE NEW L-867 BASECAN PER DWG E4.1 DETAIL 1. PROVIDE NEW L-861T(L) TAXIWAY EDGE LIGHT PER DWG E4.1 DETAIL 2.
- ② PROVIDE NEW DIRECT BURIED 2" PVC SCH 40 CONDUIT WITH COUNTERPOISE AND QUANTITY OF L-824 #8 5KV CONDUCTORS AS INDICATED. SEE DWG E4.1 DETAIL 2.
- ③ PROVIDE L-858(L) SIGN PER DWG E4.1 DETAIL 5.
- ④ PROVIDE L-881 OR L-881(L) PAPI SYSTEM PER DWG E4.3 DETAIL 1. PROVIDE WITH SEPARATE POWER CONTROL UNIT (NOT SHOWN) IF REQUIRED FOR PRODUCT SELECTED. CONNECT TO EXISTING CONDUIT. CIRCUIT TO AIRPORT EQUIPMENT PANEL CKT 5,7 IN OFFICE BUILDING WITH 2#10, #10G OR AS REQUIRED TO MAINTAIN VOLTAGE DROP BELOW 5% FOR PRODUCT SELECTED AT MAXIMUM LOAD.
- ⑤ PROVIDE 2" PVC DIRECT BURIED CONDUIT TO EXISTING BASECAN AND RESTORE CIRCUIT PATHWAY.
- ⑥ PROVIDE 2" PVC SCH 40 DUCT BANK UNDER TAXIWAY TO 3' BEYOND EDGE OF PAVEMENT PER DWG E4.1 DETAIL 6. QUANTITY OF L-824 #8 5KV CONDUCTORS AS INDICATED.
- ⑦ PROVIDE 4#10 + #10G WITHIN EXISTING CONDUIT FOR REIL AND PAPI POWER.
- ⑧ COIL 6' SLACK OF NEW WIRING NEATLY WITH PLASTIC CABLE TIES AND LABEL WITH DEVICE SERVED E.G. "REIL" OR "24 PAPI".



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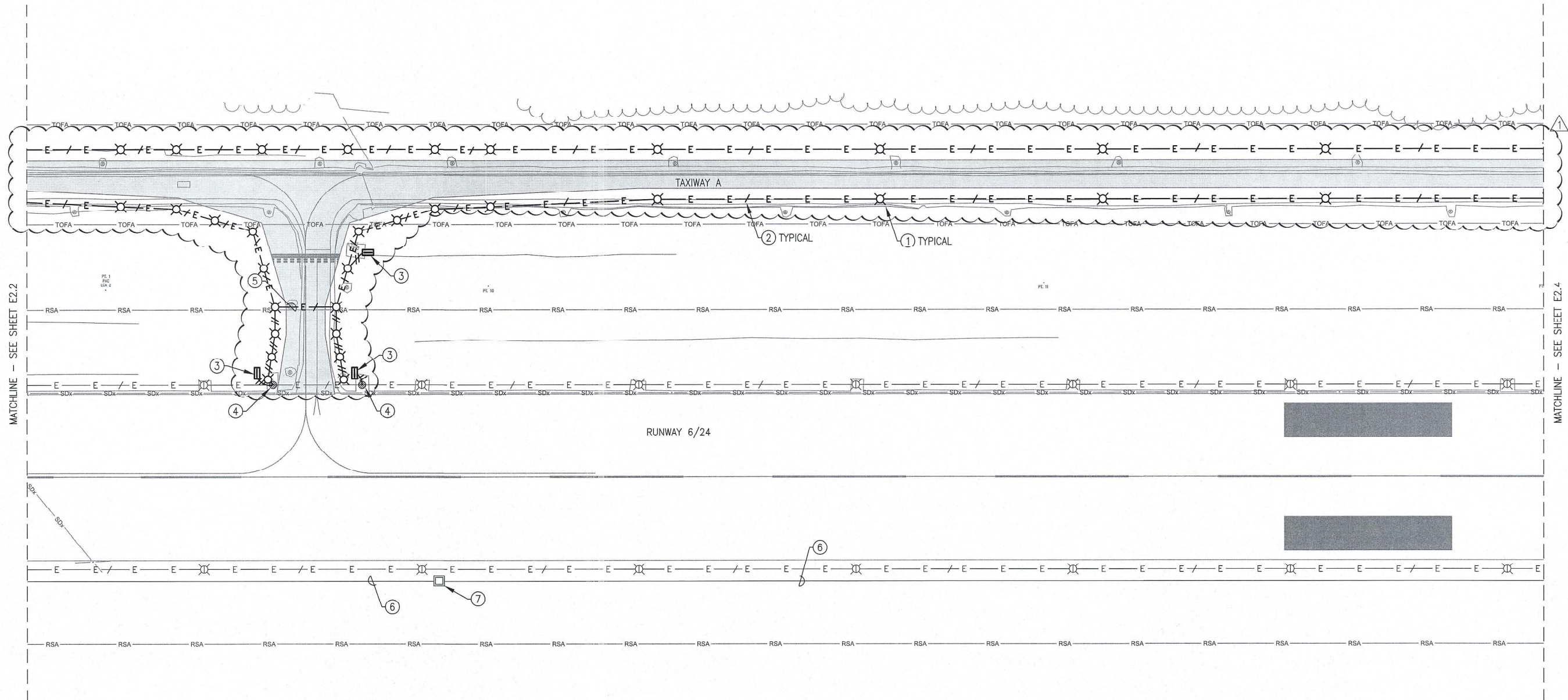
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**ELECTRICAL CONSTRUCTION PLAN 2 OF 4**  
**2016 TAXIWAY IMPROVEMENT PROJECT**  
 ED CARLSON MEMORIAL FIELD  
 SOUTH LEWIS COUNTY AIRPORT  
 PROJECT NUMBER 11717W  
 DRAWING FILE NAME X6\_E202  
 SCALE AS NOTED

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**E2.2**

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MATCHLINE - SEE SHEET E2.2

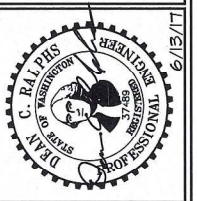
MATCHLINE - SEE SHEET E2.4

**KEYED NOTES**

- ① PROVIDE NEW L-867 BASECAN PER DWG E4.1 DETAIL 1. PROVIDE NEW L-861T(L) TAXIWAY EDGE LIGHT PER DWG E4.1 DETAIL 2.
- ② PROVIDE NEW DIRECT BURIED 2" PVC SCH 40 CONDUIT WITH COUNTERPOISE AND QUANTITY OF L-824 #8 5KV CONDUCTORS AS INDICATED. SEE DWG E4.1 DETAIL 3.
- ③ PROVIDE L-858(L) SIGN PER DWG E4.1 DETAIL 5.
- ④ PROVIDE 2" PVC DIRECT BURIED CONDUIT TO EXISTING BASECAN AND RESTORE CIRCUIT PATHWAY.
- ⑤ PROVIDE 2" PVC SCH 40 DUCT BANK UNDER TAXIWAY TO 3' BEYOND EDGE OF PAVEMENT PER DWG E4.1 DETAIL 6. QUANTITY OF L-824 #8 5KV CONDUCTORS AS INDICATED.
- ⑥ PROVIDE 4#10 + #10G MIN WITHIN EXISTING CONDUIT FOR REIL AND PAPI POWER.
- ⑦ COIL 6' SLACK OF NEW WIRING NEATLY WITH PLASTIC CABLE TIES AND LABEL WITH DEVICE SERVED E.G. "REIL" OR "24 PAPI".



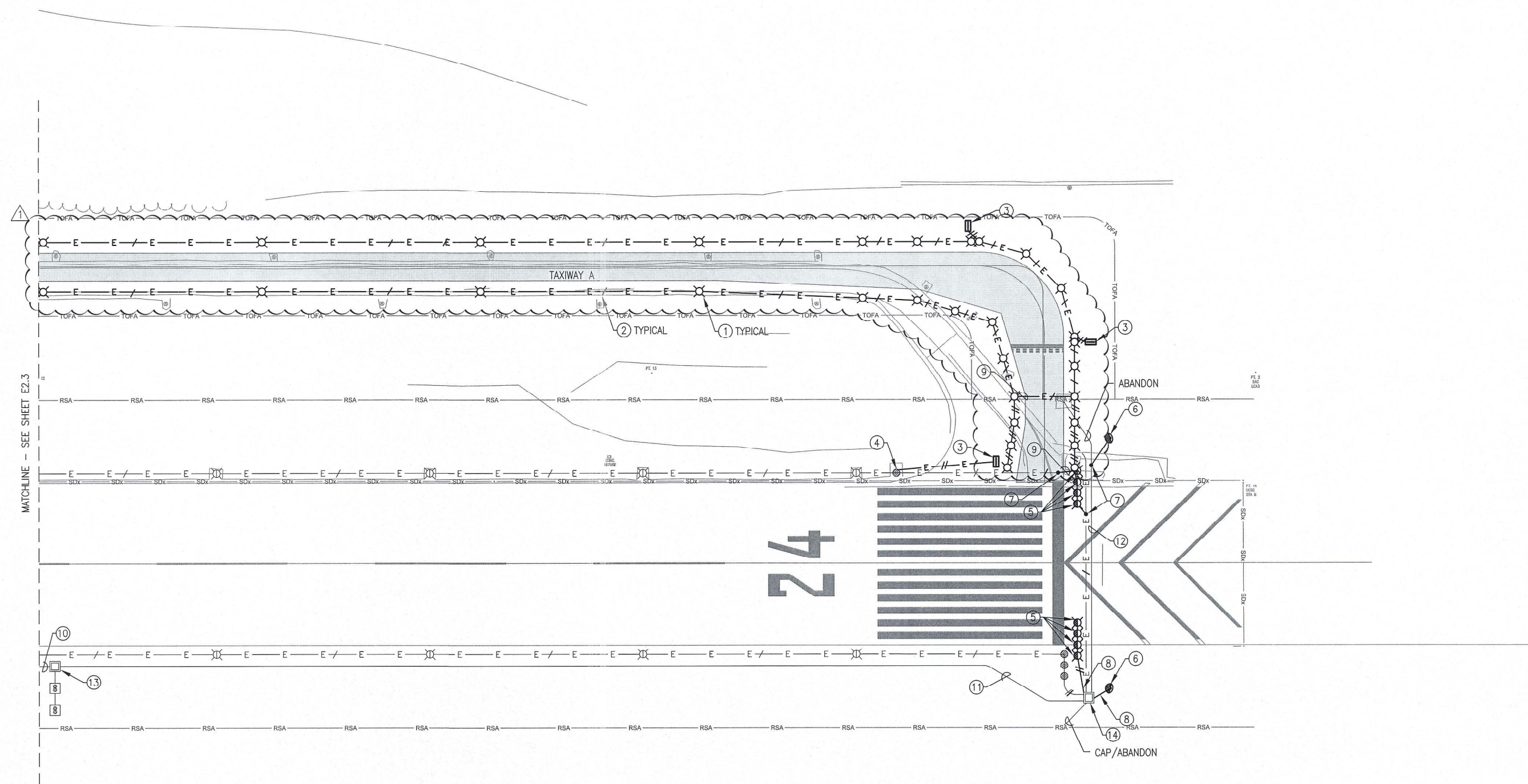
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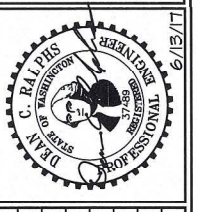
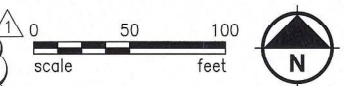
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PLOT DATE	5/30/2018
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**ELECTRICAL CONSTRUCTION PLAN 3 OF 4**  
**2016 TAXIWAY IMPROVEMENT PROJECT**  
 ED CARLSON MEMORIAL FIELD  
 SOUTH LEWIS COUNTY AIRPORT  
 PROJECT NUMBER 11717W DRAWING FILE NAME X6\_E203  
 SCALE AS NOTED  
 SHEET NUMBER **E2.3**



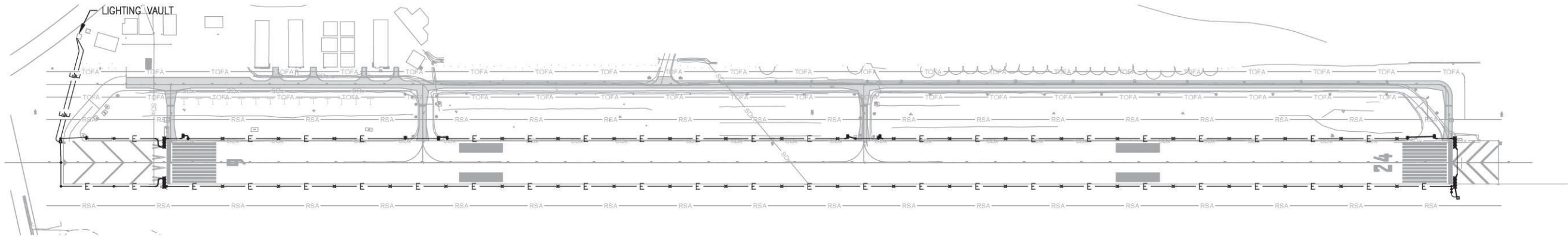
**KEYED NOTES**

- ① PROVIDE NEW L-867 BASECAN PER DWG E4.1 DETAIL 1. PROVIDE NEW L-861T(L) TAXIWAY EDGE LIGHT PER DWG E4.1 DETAIL 2.
- ② PROVIDE NEW DIRECT BURIED 2" PVC SCH 40 CONDUIT WITH COUNTERPOISE AND QUANTITY OF L-824 #8 5KV CONDUCTORS AS INDICATED. SEE DWG E4.1 DETAIL 3.
- ③ PROVIDE L-858(L) SIGN PER DWG E4.1 DETAIL 5.
- ④ PROVIDE 2" PVC DIRECT BURIED CONDUIT TO EXISTING BASECAN AND RESTORE CIRCUIT PATHWAY.
- ⑤ PROVIDE NEW L-867 BASECAN PER DWG E4.1 DETAIL 1. PROVIDE NEW L-861E(L) THRESHOLD LIGHT PER DWG E4.1 DETAIL 2.
- ⑥ PROVIDE REIL PER DWG E4.2 DETAIL 1.
- ⑦ PROVIDE 2" PVC DIRECT BURIED CONDUIT AND SPLICE TO EXISTING CONDUIT AND RESTORE CIRCUIT PATHWAY.
- ⑧ PROVIDE 2" PVC DIRECT BURIED CONDUIT TO EXISTING HANDHOLE AND RESTORE CIRCUIT PATHWAY.
- ⑨ PROVIDE 2" PVC SCH 40 DUCT BANK UNDER TAXIWAY TO 3' BEYOND EDGE OF PAVEMENT PER DWG E4.1 DETAIL 6. QUANTITY OF L-824 #8 5KV CONDUCTORS AS INDICATED.
- ⑩ PROVIDE 4#10 + #10G MIN WITHIN EXISTING CONDUIT FOR REIL AND PAPI POWER.
- ⑪ PROVIDE 2#10 + #10G WITHIN EXISTING CONDUIT FOR REIL POWER.
- ⑫ PROVIDE 2#10 + #10G WITHIN EXISTING CONDUIT FOR REIL POWER. PROVIDE #12 REIL CONTROL WIRE PER MANUFACTURER'S INSTRUCTIONS.
- ⑬ COIL 6' SLACK OF NEW WIRING NEATLY WITH PLASTIC CABLE TIES AND LABEL WITH DEVICE SERVED E.G. "REIL" OR "24 PAPI".
- ⑭ WHERE MIXED VOLTAGE CLASS WIRE/CABLE (600V & 5KV) ARE PRESENT, USE SPLIT-INNERDUCT, BARRIERS OR OTHER APPROVED MEANS TO SEPARATE THE DIFFERENT VOLTAGE CONDUCTORS. LABEL EACH WIRE/CABLE WITH DEVICE OR CIRCUIT SERVED.



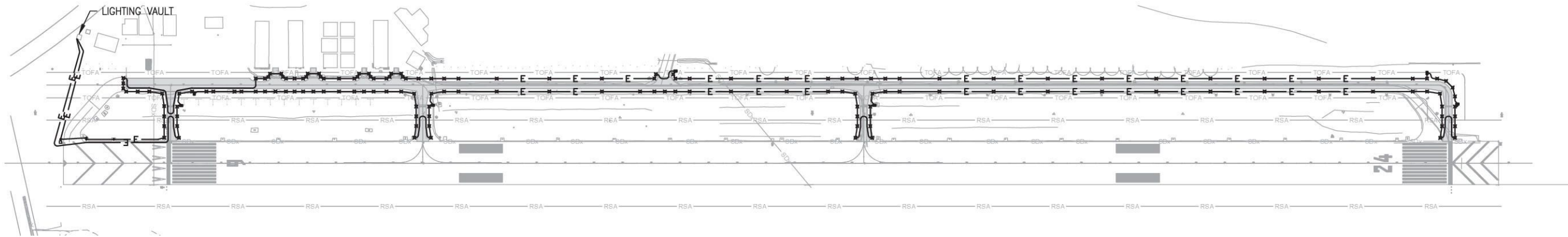
REVISIONS		
NO.	DATE	REMARKS
1	DCR 5/30/18	REVISED TAXIWAY LIGHTING AND SIGNS

SHEET INFO	
DESIGNED	CMS
DRAWN	CMS
CHECKED	DCR
APPROVED	DCR
LAST EDIT	5/30/2018
PLOT DATE	5/30/2018
SUBMITTAL	



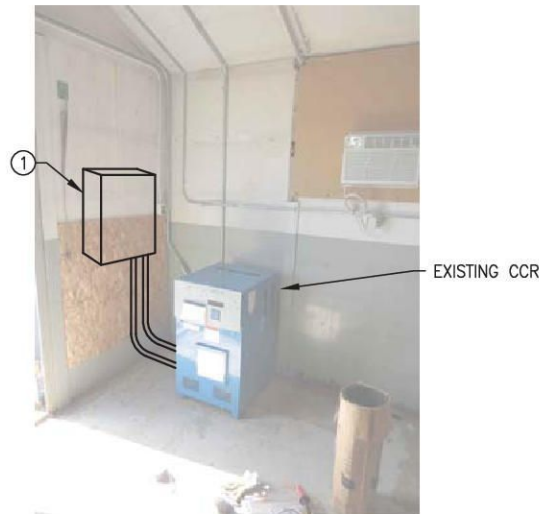
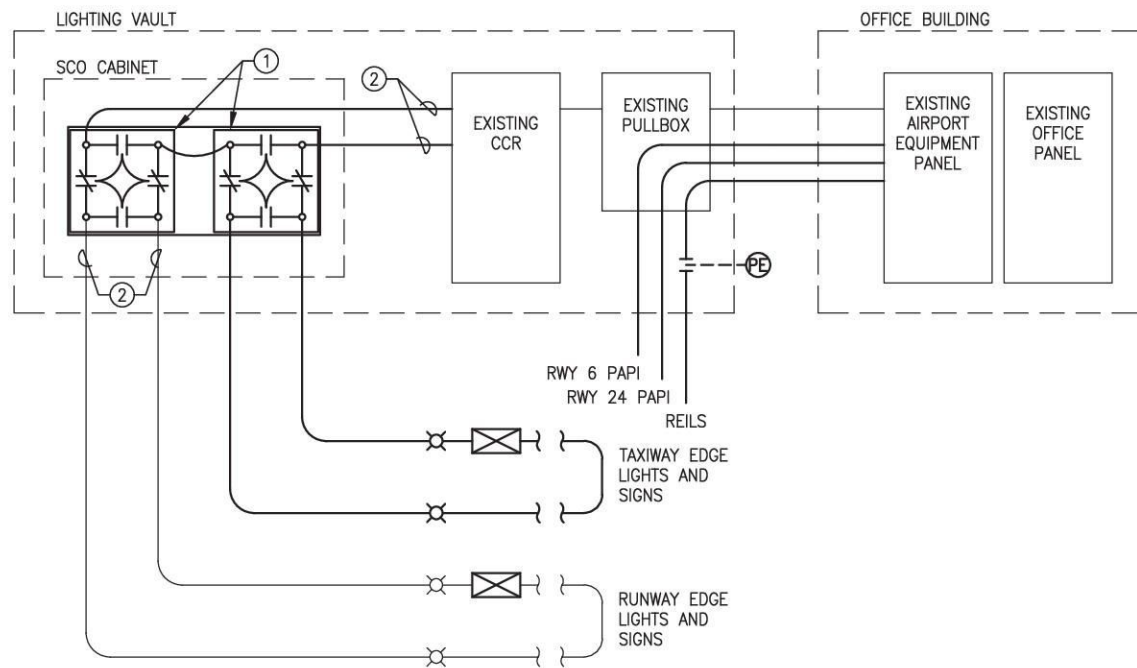
**RUNWAY CIRCUIT DIAGRAM**

NO SCALE



**TAXIWAY CIRCUIT DIAGRAM**

NO SCALE



**EXISTING LIGHTING VAULT**

TAXIWAY A LOAD CALCULATION			
	QTY	VA	kVA
TWY EDGE LIGHTS	153	15	2.3
SIGN, 2 PANEL	9	95	0.9
CABLE, 5KV #8 AWG (1,000')	14	3.14	0.0
<b>TOTAL LOAD</b>			<b>3.2</b>
4KW CCR SPARE CAPACITY		20%	0.8

**KEYED NOTES**

- ① PROVIDE SERIES CUT-OUT (SCO) CABINET TO ALLOW RUNWAY AND TAXIWAY LOOPS TO BE OPERATED CONCURRENTLY OR INDEPENDENTLY.
- ② DISCONNECT EXISTING RUNWAY CIRCUIT FROM CCR AND REWIRE TO SCO AS SHOWN.



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REVISIONS	NO	BY	DATE	REMARKS

SHEET INFO	
DESIGNED	CHS
DRAWN	CHS
CHECKED	DCR
APPROVED	DCR
LAST EDIT	6/13/2017
PLOT DATE	6/13/2017
SUBMITTAL	

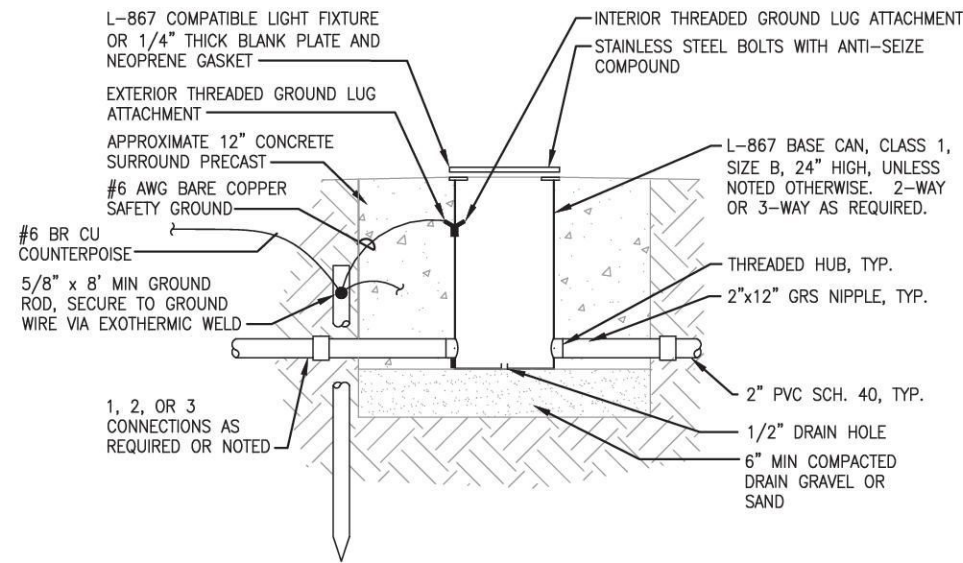
**ELECTRICAL DIAGRAMS**  
**2016 TAXIWAY IMPROVEMENT PROJECT**  
 ED CARLSON MEMORIAL FIELD  
 SOUTH LEWIS COUNTY AIRPORT

PROJECT NUMBER: 11717W  
 DRAWING FILE NAME: X6\_E301  
 SCALE: AS NOTED

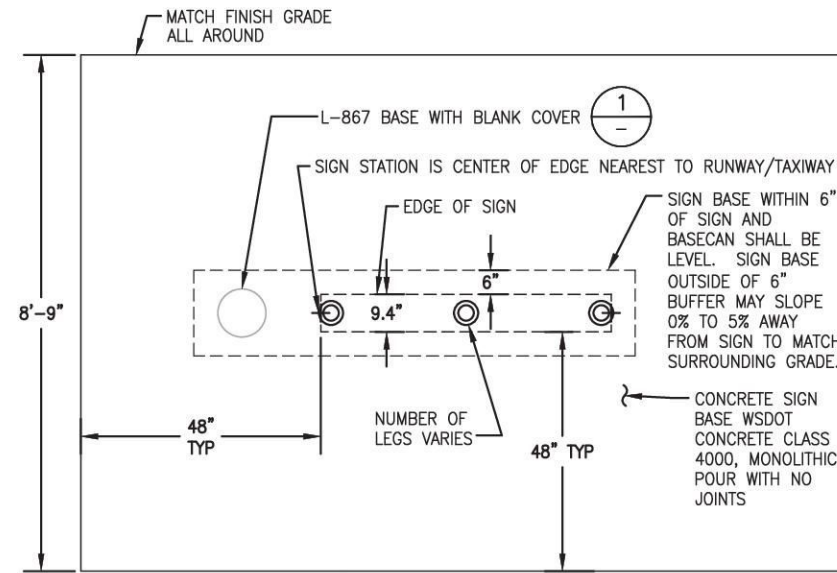
SHEET NUMBER  
**E3.1**

DATE: 1/15/2015 8:21 AM [AUTHOR: curtis] [PLOTTER: LANIER LD151 RPCS.pc3] [STYLE: WHP-Standard.ctb] [PATH: R:\5656-078.00\Dwg\Prim\_Org\WHP Title & Border Sheet\Civil\000XXXW-C-LT01.dwg] [LAYOUT: C18]

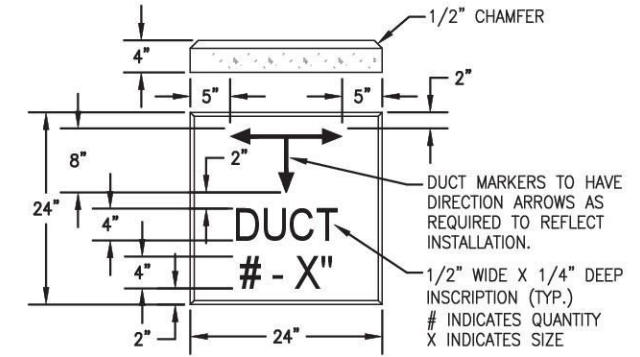




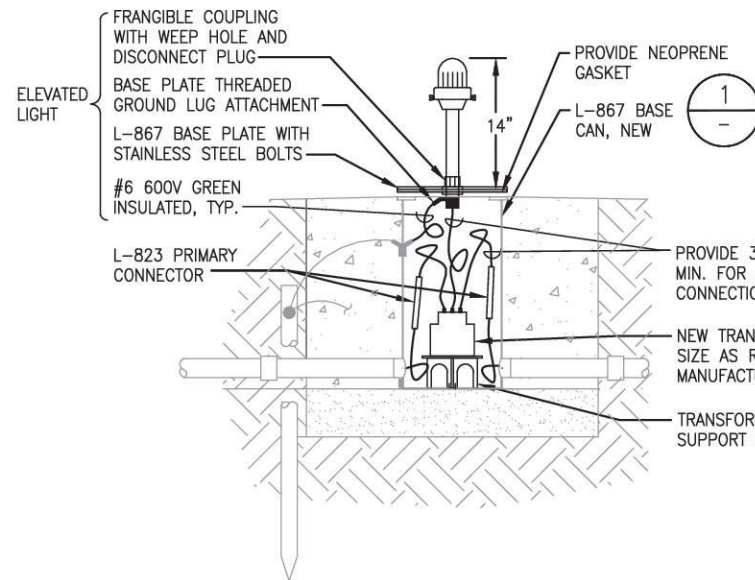
**TYPICAL L-867 BASE CAN DETAIL** (1)  
NO SCALE



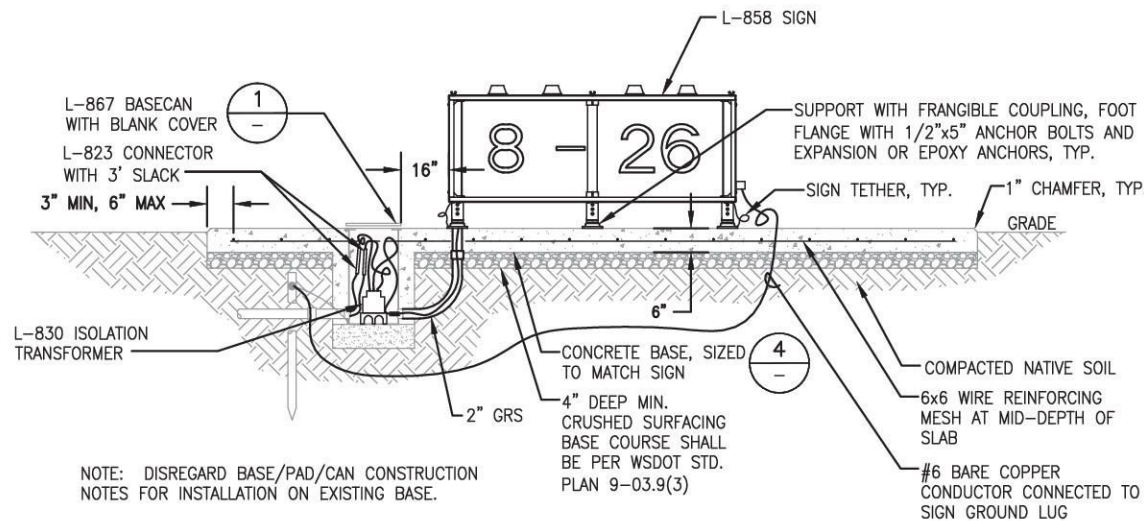
NOTES:  
1. SEE DETAIL 5 THIS SHEET FOR TYPICAL SECTION THRU CONCRETE BASE.  
**NEW LIGHTED SIGN BASE DETAIL** (4)  
NO SCALE



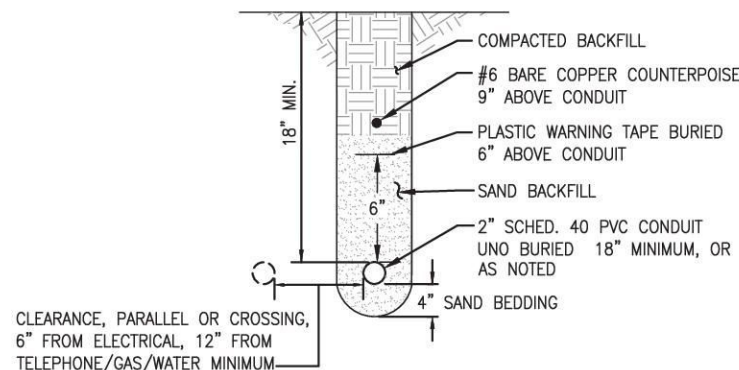
**TYPICAL DUCT MARKER DETAIL** (7)  
NO SCALE



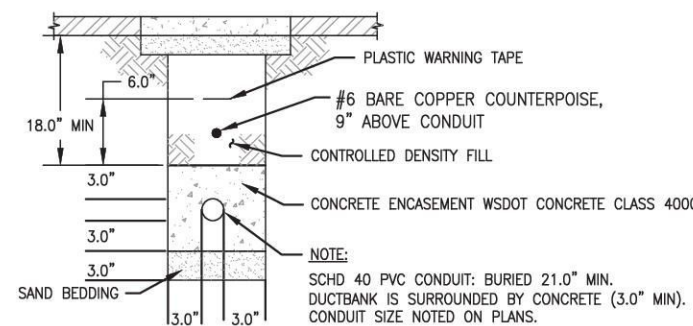
**TYPICAL LIGHT DETAIL** (2)  
NO SCALE



**TYPICAL LIGHTED SIGN ON NEW OR EXISTING BASE DETAIL** (5)  
NO SCALE



**TYPICAL SINGLE BURIED CONDUIT DETAIL** (3)  
NO SCALE



**TYPICAL SINGLE CONCRETE ENCASED DUCTBANK DETAIL** (6)  
SCALE: NTS

DATE: 1/15/2015 8:21 AM [AUTHOR: curtia] [PLOTTER: LANIER LD151 RPCS.pc3] [STYLE: WHP-Standard.ctb] [PATH: R:\5656-078.00\Draws\Prim\_Org\WHP Title & Border Sheet\Civil\000000W-C-LT01.dwg] [LAYOUT: C18]

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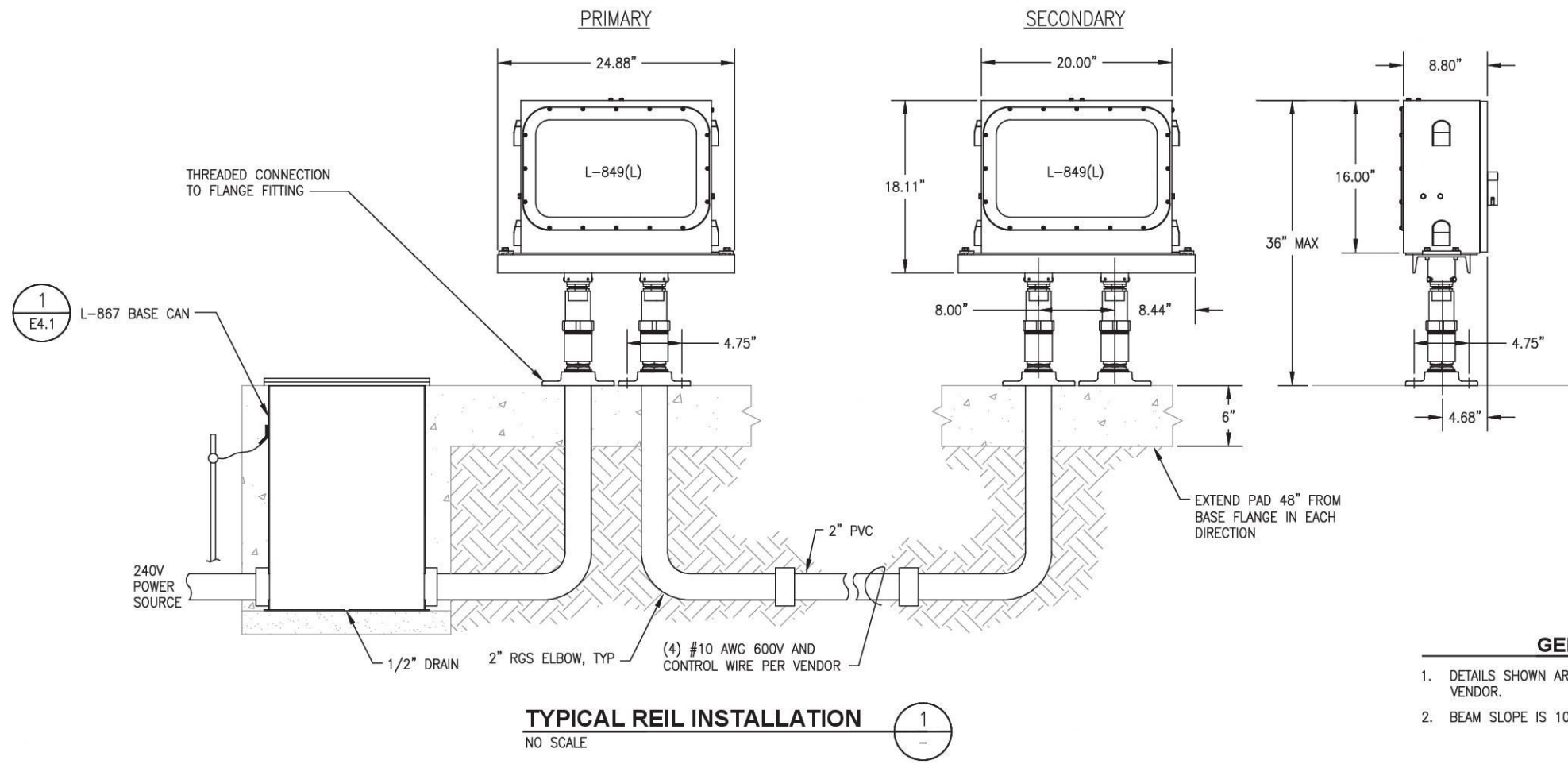
REVISIONS	NO	BY	DATE	REMARKS

SHEET INFO	DESIGNED	CMS	DRAWN	CMS	CHECKED	DCR	APPROVED	DCR	LAST EDIT	3/28/2017	PLOT DATE	6/13/2017	SUBMITTAL

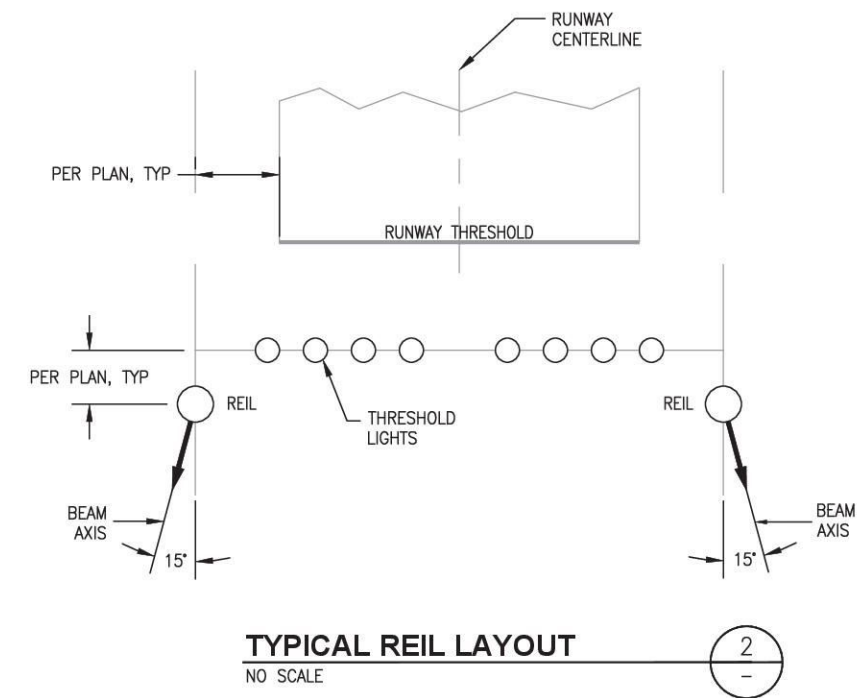
**ELECTRICAL DETAILS**  
**2016 TAXIWAY IMPROVEMENT PROJECT**  
ED CARLSON MEMORIAL FIELD  
SOUTH LEWIS COUNTY AIRPORT  
PROJECT NUMBER 11717W  
DRAWING FILE NAME X6\_E401  
SCALE AS NOTED



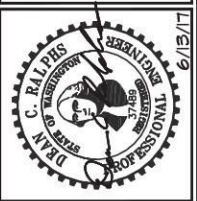
SHEET NUMBER  
**E4.1**



- GENERAL NOTES**
1. DETAILS SHOWN ARE TYPICAL AND WILL VARY DEPENDING ON VENDOR.
  2. BEAM SLOPE IS 10° ABOVE HORIZONTAL.



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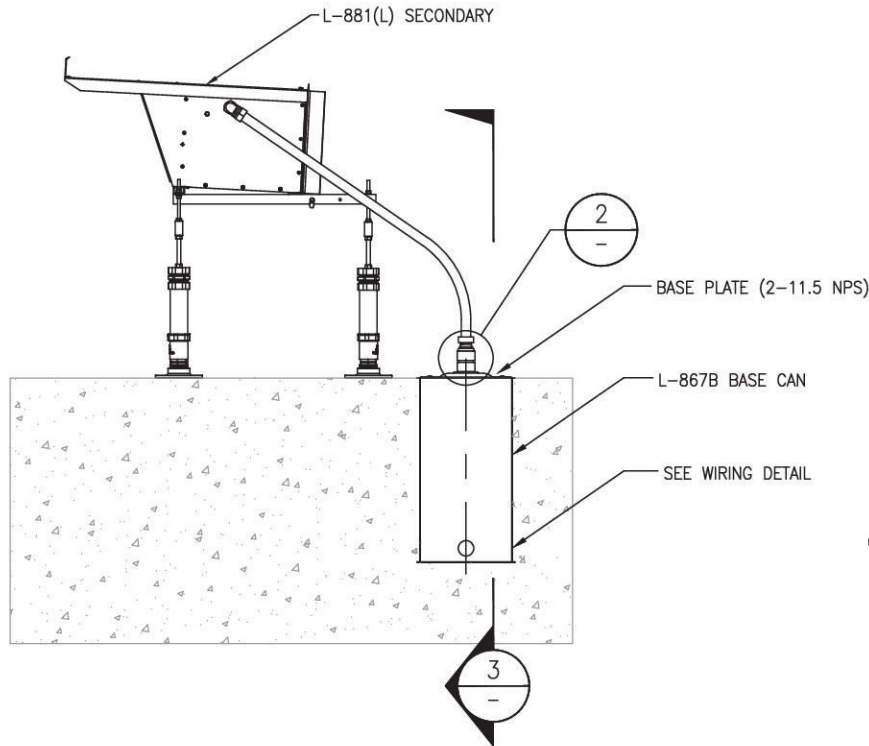
SHEET INFO	DESIGNED	CHS	CHS	CHS	CHS	CHS	CHS

**REIL DETAILS**  
2016 TAXIWAY IMPROVEMENT PROJECT  
ED CARLSON MEMORIAL FIELD  
SOUTH LEWIS COUNTY AIRPORT  
PROJECT NUMBER 11717W  
DRAWING FILE NAME X6\_E402  
SCALE AS NOTED



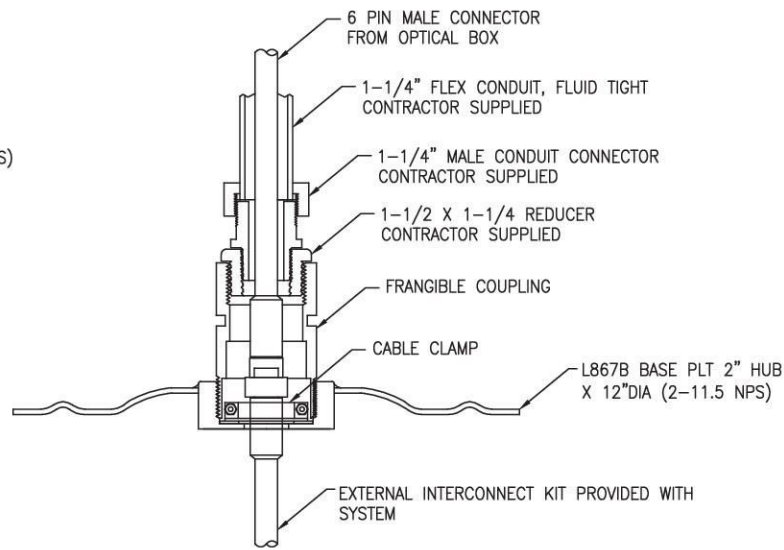
SHEET NUMBER  
**E4.2**

DATE: 1/15/2015 8:21 AM [AUTHOR: curtis] [PLOTTER: LANIER LD151 RPCS.pc3] [STYLE: WHP-Standard.ctb]  
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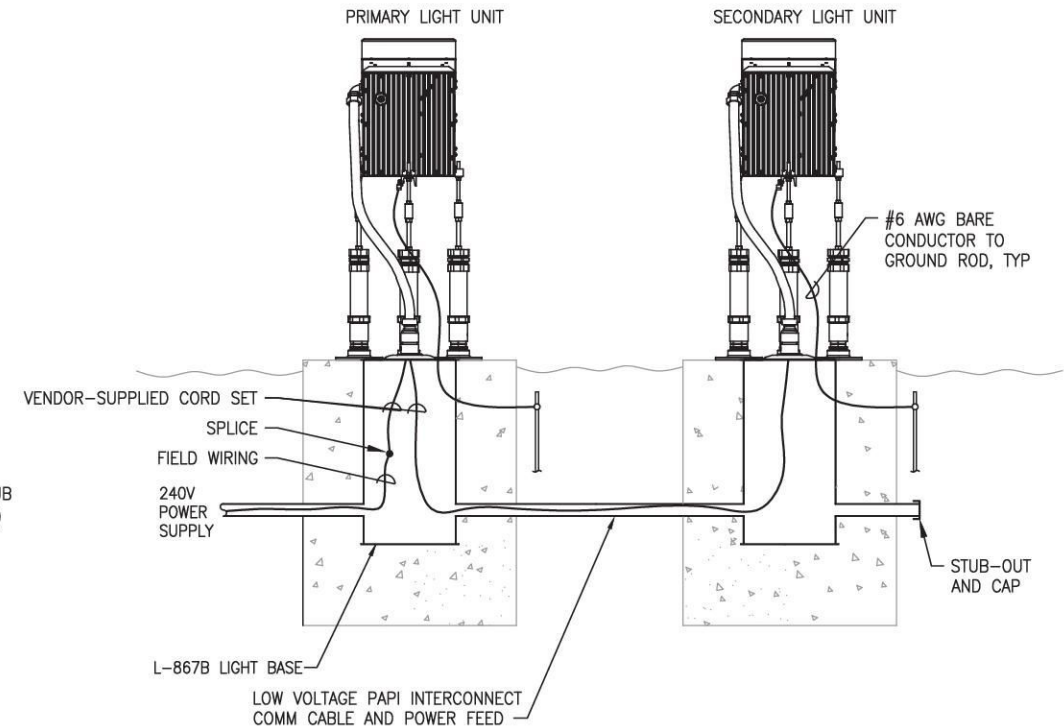
**TYPICAL PAPI SECONDARY INSTALLATION**

NO SCALE



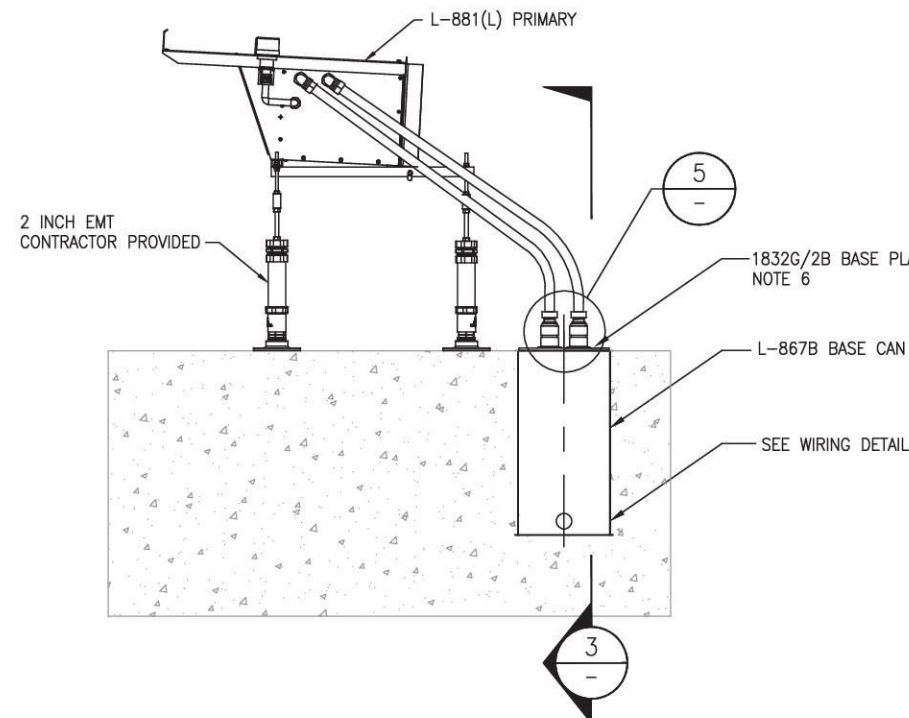
**PAPI SECONDARY DETAIL**

NO SCALE



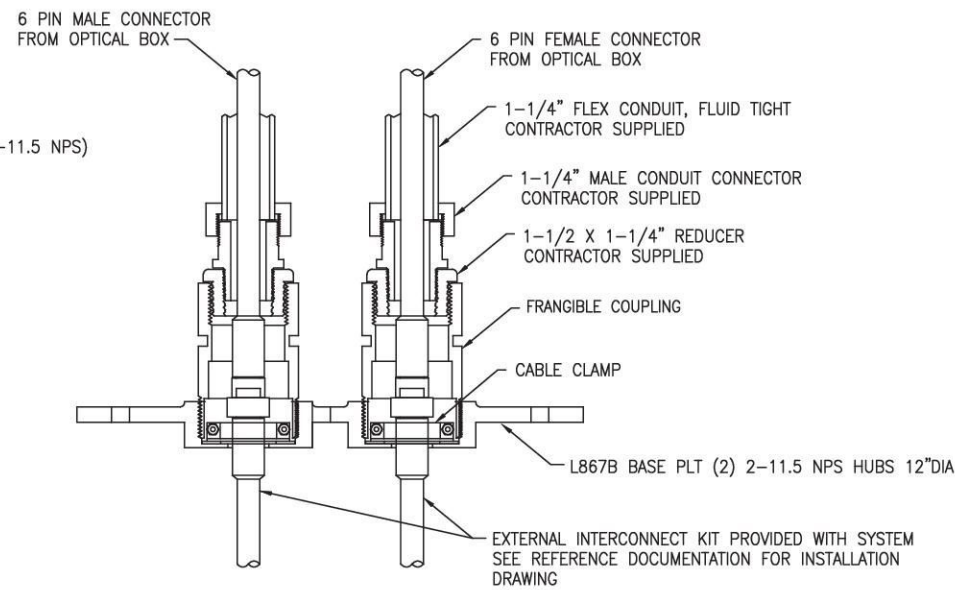
**PAPI SECTION**

NO SCALE



**TYPICAL PAPI PRIMARY INSTALLATION**

NO SCALE



**PAPI PRIMARY DETAIL**

NO SCALE



**GENERAL NOTES**

1. DETAILS SHOWN ARE TYPICAL FOR L-881(L) AND WILL VARY DEPENDING ON MODEL AND VENDOR. L-881 TYPICALLY REQUIRE A SEPARATE POWER CONTROL UNIT, TO BE LOCATED OUTSIDE THE RUNWAY SAFETY AREA AND MOUNTED ON A MOW PAD SIMILAR TO THAT SHOWN ON DWG E4.2 DETAIL 3.

DATE: 1/15/2015 8:21 AM [AUTHOR: curtis] [PLOTTER: LANIER LD151 RPCS.pc3] [STYLE: WHP-Standard.ctb] [PATH: R:\5656-078.00\Draws\Prim\_Org\WHP Title & Border Sheet\Civil\000XXXW-C-LT01.dwg] [LAYOUT: C18]

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SHEET INFO		DESIGNED	CMS	CMS	CMS	DGR	DGR	DGR	LAST EDIT	4/25/2017	6/13/2017	6/13/2017
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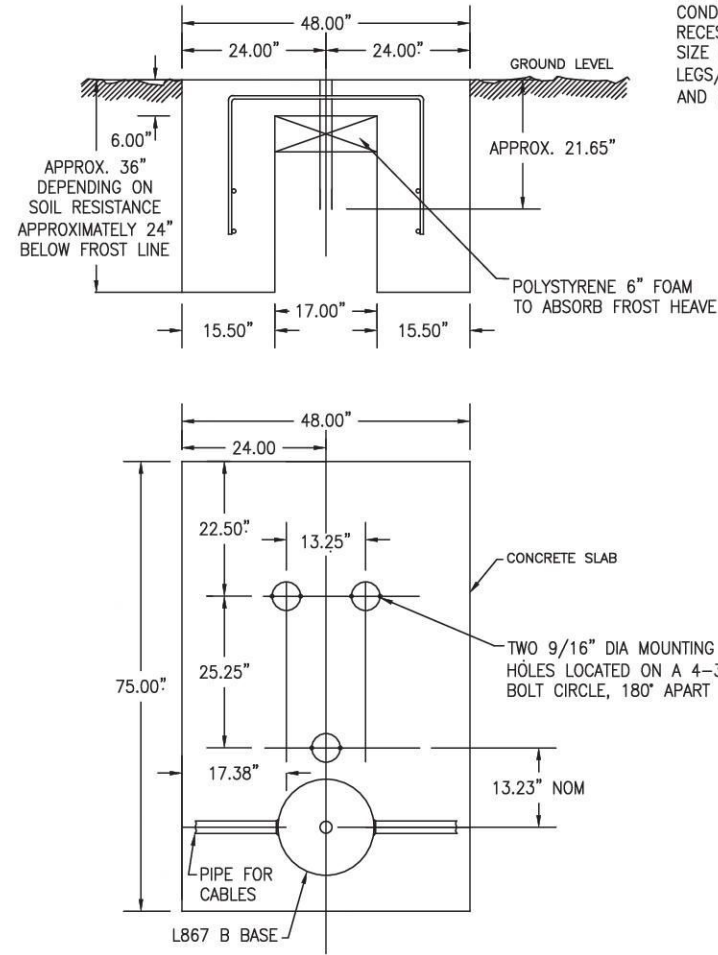
**PAPI DETAILS**  
**2016 TAXIWAY IMPROVEMENT PROJECT**  
 ED CARLSON MEMORIAL FIELD  
 SOUTH LEWIS COUNTY AIRPORT

PROJECT NUMBER: 11717W  
 DRAWING FILE NAME: X6\_E403  
 SCALE: AS NOTED

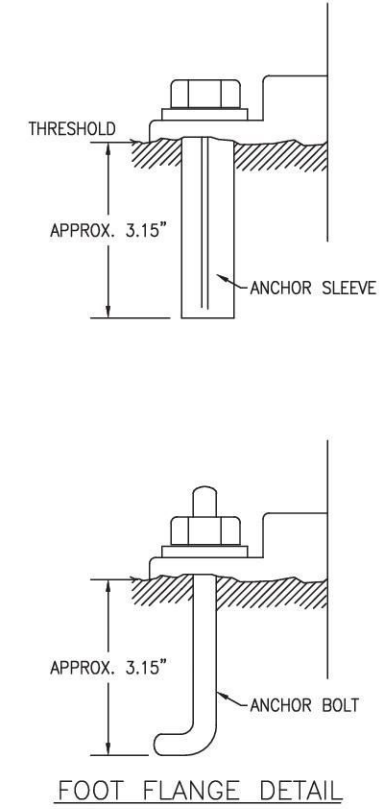
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**E4.3**



DATE: 1/15/2015 8:21 AM [AUTHOR: curtis] [PLOTTER: LANIER LD151 RPCS.pc3] [STYLE: WHP-Standard.ctb] [PATH: R:\5656-078.00\Draws\Prim\_Org\WHP Title & Border Sheet\Civil\000XXXW-C-LT01.dwg] [LAYOUT: C18]



NOTE:  
 FOUNDATION DETAILS ARE GIVEN ONLY AS A GUIDE.  
 THE APPROPRIATE DEPTH AND REINFORCEMENT OF  
 THE PAD WILL DEPEND ON LOCAL SITE  
 CONDITIONS. MONOLITHIC FOUNDATION WITHOUT  
 RECESSED CENTER IS ALSO ACCEPTABLE.  
 SIZE OF FOUNDATION AND NUMBER OF  
 LEGS/ANCHORS REQUIRED WILL VARY BY VENDOR  
 AND MODEL (L-881 OR L-881(L)) SELECTED.



**LED PAPI 3 LEG FOUNDATION DETAIL**  
 NO SCALE



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SHEET INFO		DESIGNED	CMS	CMS	CMS	CMS	CMS	CMS
		DRAWN	CHECKED	APPROVED	LAST EDIT	PLOT DATE	SUBMITTAL	

**PAPI DETAILS**  
**2016 TAXIWAY IMPROVEMENT PROJECT**  
 ED CARLSON MEMORIAL FIELD  
 SOUTH LEWIS COUNTY AIRPORT  
 PROJECT NUMBER 11717W  
 DRAWING FILE NAME X6\_E404  
 SCALE AS NOTED

SHEET NUMBER  
**E4.4**

**NEW SECTION I**

**BIDDING INFORMATION**

**THESE CONTRACT FORMS ARE REPLACING THE FORMS FROM THE  
ORIGINAL 2017 ENGINEERED CONTRACT DOCUMENTS**

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**INVITATION FOR BIDS**  
**South Lewis County Airport Improvements Project**  
**South Lewis County Airport**  
**Toledo, Washington**  
**A.I.P. No. 3-53-0078-009**

Sealed proposals will be submitted to the Clerk of the Board of Lewis County Commissioners (351 N.W. North Street, Room 210, Chehalis, Washington 98532) by or before **11:00 A.M.** on **Tuesday, February 25, 2020** and will be opened on or after 11:00 am on February 25, 2020.

The work contemplated consists of, but is not limited to, the following:

1. Pavement Removal of existing taxiway for approximately 4,500 linear ft.
2. Crack Sealing/Fog Seal of main apron
3. New HMAC Pavement for approximately 5,220 linear ft taxiways.
4. Drainage Improvements
5. Electrical – Airfield Lighting including new PAPI, REIL's, Guidance Signs, and Taxiway Edge Lighting.
6. Paint Marking of new taxiways and remarking of existing runway.

The contract time will be limited to 100 calendar days to substantially complete all work. Liquidated damages will be charged as described in the General Provisions should the contractor fail to complete the work within the time limit specified. Sundays and legal holidays shall be excluded in determining days in default.

Informational copies of maps, plans and specifications are on file for inspection in the office of the County Engineer of Lewis County in Chehalis, Washington. The contract documents may be viewed and downloaded from Lewis County's Web Site @ [www.lewiscountywa.gov](http://www.lewiscountywa.gov) or you may call the Lewis County Engineers office @ (360)740-2612 and request a copy be mailed to you. All Contractor questions and Lewis County clarifying answers will be posted on our website and emailed to all Contractors registered on Lewis County's Planholder List. Plan or specification changes shall be accomplished through official project addendums.

The Lewis County Public Works Department in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C. 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises as defined at 49 CFR Part 26 will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, national origin, or sex in consideration for an award.

The proposed contract is subject to the following regulations:

1. Bidders must submit qualification statements in accordance with the terms of Subsection 20-02 of the General Provisions with their Proposal.
2. The proposed contract is under and subject to Executive Order 11246 of September 24, 1986 and to the Equal Employment Opportunity (EEO) and Federal Labor Provisions.
3. All labor on the project shall be paid no less than the minimum wage rates established the U.S. Secretary of Labor or the Washington State Department of Labor and Industries, whichever is higher.
4. Each Bidder must supply all information required by the bid documents and specifications.
5. The EEO requirements, labor provisions, and wage rates are included in the specifications and bid documents.





# **INSTRUCTIONS TO BIDDERS**

## **GENERAL DESCRIPTION OF THE PROJECT**

A general description of the work to be done is contained in the "Invitation to Bid". The scope is indicated on the accompanying plans and specified in applicable parts of these Contract Documents.

## **CONTRACT DOCUMENTS**

The Contract Documents under which it is proposed to execute this work consist of all material bound here, plus any addenda incorporated into the documents.

These Contract Documents are intended to be mutually cooperative and to provide all details reasonably required for the execution of the proposed work. Any person contemplating the submission of a proposal shall have thoroughly examined all of the various parts of these documents, and should there be any doubt as to the meaning or intent of said Contract Documents, the Bidder should request of the Engineer, in writing (at least six (6) working days prior to bid opening), an interpretation thereof. Any interpretation or change in said Contract Documents will be made only in writing, in the form of addenda to the documents and will be furnished to all Bidders receiving a set of the documents, who shall indicate receipt of same in the space provided on the proposal form. The Owner will not be responsible for any other explanation or interpretation of said documents.

## **REQUIREMENTS FOR BIDS FOR A.I.P. CONTRACTS**

### **A. GENERAL:**

1. All contracts shall be in compliance with Sections 103 and 107 of the Contract Work Hours and Safety Standards Act (40 USC 327-330) as supplemented by the Department of Labor regulations (29 CFR Part 5).
2. Contracts over \$10,000 shall contain provisions allowing administrative, contractual and legal remedies where contractors violate or breach contract terms, and provide appropriate sanctions and penalties. Contracts shall also contain conditions under which the contract may be terminated because of circumstances beyond the control of the contractor.
3. Contracts over \$100,000 shall comply with all applicable standards, orders and requirements issued under Section 306 of the Clean Air Act (42 USC 1857(h)), Section 508 of the Clean Water Act (33 USC 1368), Executive Order 11738 and Environmental Protection regulations (40 CFR Part 15).
4. A bidder for contracts over \$25,000 certifies that neither it nor its principals is presently debarred, suspended or proposed for debarment by any Federal agency. It further agrees, by submitting this proposal, that it will include this clause in all subcontracts. Where the bidder or any subcontractor is unable to certify to this statement an explanation shall be attached to this proposal.
5. The bidder/offeror certifies, by submission of this proposal or acceptance of this contract, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency. It further agrees by submitting this proposal that it will include this cause without modification in all lower tier transactions, solicitation, proposals, contracts, and subcontracts. Where the bidder/ offeror/ contractor or any lower tier participant is unable to certify to this statement, it shall attach an explanation to this solicitation/proposal.

6. Contractors and subcontractors agree:
  - a. That any facility to be used in the performance of the contract or to benefit from the contract is not listed on the Environmental Protection Agency (EPA) List of Violating Facilities;
  - b. To comply with all the requirements of Section 114 of the Clean Air Act, as amended, 42 U.S.C. 1857 et seq. and Section 308 of the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq. relating to inspection, monitoring, entry, reports, and information, as well as all other requirements specified in Section 114 and Section 308 of the Acts, respectively, and all other regulations and guidelines issued thereunder;
  - c. That, as a condition for the award of this contract, the contractor or subcontractor will notify the awarding official of the receipt of any communication from the EPA indicating that a facility to be used for the performance of or benefit from the contract is under consideration to be listed on the EPA List of Violating Facilities;
  - d. To include or cause to be included in any construction contract or subcontract which exceeds \$100,000 the aforementioned criteria and requirements.
  
7. Prompt Payment

The prime contractor agrees to pay each subcontractor under this prime contract for satisfactory performance of its contract no later than 30 days from the receipt of each payment the prime contractor receives from Lewis County. The prime contractor agrees further to return retainage payments to each subcontractor within 30 days after the subcontractor's work is satisfactorily completed. Any delay or postponement of payment from the above referenced time frame may occur only for good cause following written approval of Lewis County. This clause applies to both DBE and non-DBE subcontractors.

**NOTICE TO PROSPECTIVE FEDERALLY ASSISTED CONSTRUCTION CONTRACTORS (AND SUBCONTRACTORS)**

1. A Certification of Nonsegregated Facilities must be submitted prior to the award of a Federally assisted construction contract (or subcontract) exceeding \$10,000 which is not exempt from the provisions of the Equal Opportunity Clause.
2. Contractors (and subcontractors) receiving Federally assisted construction contract awards exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity Clause will be required to provide for the forwarding of this notice to prospective subcontractors for supplies and construction contracts where the subcontracts exceed \$10,000 and are not exempt from the provisions of the Equal Opportunity Clause. NOTE: The penalty for making false statements is prescribed in 18 U.S.C. 1001.

**NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE EQUAL EMPLOYMENT OPPORTUNITY (EXECUTIVE ORDER 11246, AS AMENDED) (AC 150/5100-15, APPENDIX 6)**

1. The Bidder's attention is called to the "Equal Employment Opportunity Clause" and the "Standard Federal Equal Employment Opportunity Construction Contract Specifications" set forth herein.
2. The goals and timetables for minority and female participation, expressed in percentage terms for the contractor's aggregate workforce in each trade on all construction work in the covered area, are as follows:

Goals for Minority Participation for Each Trade	Goals for Female Participation in Each Trade
---	--

(See Below)

6.9%

These goals are applicable to all the contractor's construction work (whether or not it is Federal or Federally assisted) performed in the covered area. If the contractor performs construction work in a geographical area located outside of the covered area, it shall apply the goals established for such geographical area where the work is actually performed. With regard to this second area, the contractor also is subject to the goals for both its Federally involved and non-Federally involved construction.

The contractor's compliance with the executive order and the regulations in 41 CFR Part 60-4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action obligations required by the specifications set forth in 41 CFR 60-4.3(a), and its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade, and the contractor shall make a good faith effort to employ minorities and women evenly on each of its projects.

The transfer of minority or female employees or trainees from contractor to contractor or from project to project, for the sole purpose of meeting the contractors' goals, shall be a violation of the contract, the executive order, and the regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.

3. The contractor shall provide written notification of the Director, OFCCP, within 10 working days of award of any construction subcontract in excess of \$10,000 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the name, address, and telephone number of the subcontractor; employer identification number of the subcontractor; estimated dollar amount of the subcontract; estimated starting and completion dates of the subcontract; and the geographic area in which the subcontract is to be performed.
4. As used in this notice and in the contract resulting from this solicitation, the "covered area" is Lewis County, Washington.

**GOALS FOR MINORITIES:**

**WASHINGTON:**

Non-SMSA Counties

6.1%

WA Clallam; WA Grays Harbor; WA Island; WA Jefferson; WA Kitsap; WA Lewis; WA Mason; WA Pacific; WA San Juan; WA Skagit; WA Thurston; WA Whatcom.

**DISADVANTAGED BUSINESS ENTERPRISES**

- A. Policy. It is the policy of Lewis County and the Department of Transportation that disadvantaged business enterprises (DBE) as defined in 49 CFR part 26 shall have the maximum opportunity to participate in the performance of contracts financed in whole or in part with Federal funds under this agreement. Consequently, the DBE requirements of 49 CFR Part 26 apply to this agreement.
- B. DBE Obligation. Lewis County requires that bidders ensure that DBE contractors as defined in 49 CFR Part 26 have the maximum opportunity to participate in the performance of contracts financed in whole or in part with Federal funds provided under this agreement.

In this regard all recipients or contractors shall take all necessary and reasonable steps in accordance with 49 CFR Part 26 to ensure that DBE contractors have the maximum opportunity to compete for and perform contracts. Lewis County requires that bidders shall not discriminate on the basis of race, color, national origin, or sex in the award and performance of DOT-assisted contracts.

The bidder, potential contractors, or subcontractors shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy, as the recipient deems appropriate.

### **TRADE RESTRICTION CLAUSE**

The contractor or subcontractor, by submission of an offer and/or execution of a contract, certifies that it:

- a. is not owned or controlled by one or more citizens of a foreign country included in the list of countries that discriminate against U.S. firms published by the Office of the United States Trade Representative (USTR);
- b. has not knowingly entered into any contract or subcontract for this project with a person that is a citizen or national of a foreign country on said list, or is owned or controlled directly or indirectly by one or more citizens or nationals of a foreign country on said list;
- c. has not procured any product nor subcontracted for the supply of any product for use on the project that is produced in a foreign country on said list.

Unless the restrictions of this clause are waived by the Secretary of Transportation in accordance with 49 CFR 30.17p, no contract shall be awarded to a contractor or subcontractor who is unable to certify to the above. If the contractor knowingly procures or subcontracts for the supply of any product or service of a foreign country on said list for use on the project, the Federal Aviation Administration may direct through the Sponsor cancellation of the contract at no cost to the Government.

Further, the contractor agrees that, if awarded a contract resulting from this solicitation, it will incorporate this provision for certification without modification in each contract and in all lower tier subcontracts. The contractor may rely on the certification of a prospective subcontractor unless it has knowledge that the certification is erroneous.

The contractor shall provide immediate written notice to the sponsor if the contractor learns that its certification or that of a subcontractor was erroneous when submitted or has become erroneous by reason of changed circumstances. The subcontractor agrees to provide written notice to the contractor if at any time it learns that its certification was erroneous by reason of changed circumstances.

This certification is a material representation of fact upon which reliance was placed when making the award. If it is later determined that the contractor or subcontractor knowingly rendered an erroneous certification, the Federal Aviation Administration may direct through the Sponsor cancellation of the contract or subcontract for default at no cost to the Government.

Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required by this provision. The knowledge and information of a contractor is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

This certification concerns a matter within the jurisdiction of an agency of the United States of America and the making of a false, fictitious, or fraudulent certification may render the maker subject to prosecution under Title 18, United States Code, Section 1001.

## BIDDER'S CHECKLIST

This checklist has been prepared and furnished to aid Bidders in including all necessary supporting information with their bid. Bidders' submittals shall include, but are not limited to, the following:

	Checked
1. Proposal (Bid) Fully Executed	_____
2. Bidder's Bond or other Security (5%)	_____
3. Power of Attorney for Surety's Agent to Execute Bidder's Bond	_____
4. Acknowledgement of Addenda (on Proposal)	_____
5. Bidders List	_____
6. Statement of Proposed Subcontractors	_____
7. Certification of Nonsegregated Facilities	_____
8. Bidder's Statement on Previous Contracts Subject to EEO Clause	_____
9. Letter of Intent	_____
10. Non-Collusion Affidavit	_____
11. Bidder's Qualification Statement (To be prepared in accordance with General Provisions - Section 20-02)	_____
12. Buy American Certificate	_____
13. Non-trafficking Certification	_____

*Left Intentionally Blank.*



shall be forfeited to the Owner and it is agreed that said sum is a fair measure of the amount of damage that the Owner will sustain because of such failure to enter into a contract.

**CONSTRUCTION TIME LIMITS**

A Notice-to-Proceed for material procurements will be issued after the construction contract is signed and approved. All submittals need to be approved by the engineer prior to procuring any material.

The Bidder agrees to begin work within ten (10) calendar days after the date of the Owner's written notice to proceed and to substantially complete the construction of all work within 100 calendar days. Contract time will commence in accordance with Section 80-02 Notice to Proceed, of the General Provisions.

In the event that certain items not required for substantial completion, as defined in the Supplementary Conditions herein, but required for final completion of the work as put forth in this Contract Document, fail to arrive at the work site in time to be properly installed during normal working hours within the time allowed for substantial completion of the work, then an allowance of not more than thirty calendar days following the receipt of the last item required will be given to the contractor to effect the final completion of said work.

**LIQUIDATED DAMAGES**

In the event the Bidder is awarded the contract and shall fail to complete the work within the time limit or extended time limit agreed upon, as more particularly set forth in the Contract Documents, liquidated damages shall be paid to the Owner at the rate as described in the General Provisions for all work awarded under this contract until the work is finished as provided by the Contract Documents. Sundays and legal holidays shall be excluded in determining days in default.

**ADDENDA**

The Bidder acknowledges that addend numbers Addendum Number 1 & 2,

(Bidder insert number of each addendum received)

have been received and examined as part of these Contract Documents.

**UNIT PRICES**

The Bidder further proposes to accept as full payment for the work proposed herein the amounts computed under the provisions of the Contract Documents and based on the following unit price amounts, it being expressly understood that the unit prices are independent of the exact quantities involved. The Bidder agrees that the unit prices represent a true measure of the labor and materials required to perform the work, including all allowances for overhead and profit for each type and unit of work called for in these Contract Documents. The amounts shall be shown in both words and figures. In case of a discrepancy, the amount shown in words shall govern; in the case of a discrepancy between unit prices and extensions, the unit prices shall govern.



## **AWARD**

The Contract will be awarded to the lowest responsive bidder for the BID.

The Owner reserves the right to reject any irregular proposal and the right to waive technicalities if such waiver is in the best interest of the Owner and conforms to local laws and ordinances pertaining to the letting of construction contracts. The Owner reserves the right to reject in whole or in part, any or all bids or proposals, when the cancellation or rejection is in the best interest of the Owner as determined by the Owner in accordance with the Revised Code of Washington.

## **FEDERAL WAGE RATE SCHEDULES**

The Contractor shall pay the highest prevailing wage rate by trade or occupation of either the federal labor rate of the Federal Davis Bacon wage rates schedules contained in these documents or as specified by the State of Washington, Department of Labor and Industries. The federal labor rate schedules contained in these documents and the State prevailing wages are current at the time of printing. Contractor shall use the rates current at 10-days prior to the time of bid opening for bid.

The Contractor can look up the State prevailing wages by going to the following website and selecting Lewis County:

<https://fortress.wa.gov/lni/wagelookup/prvWagelookup.aspx>

Any disputes as to wage rates will be referred to the U.S. Secretary of Labor and the Director of Labor and Industries for the State of Washington who will determine the prevailing local wage rate for the trade in dispute.

**Bidders List**

All firms bidding or quoting on subcontracts for this DOT-assisted project are listed below.

Firm Name	Firm Address/ Phone #	DBE or Non-DBE Status (verify via State's UCP Directory)	Age of Firm	Annual Gross Receipts
			<input type="checkbox"/> Less than 1 year <input type="checkbox"/> 1- 3 years <input type="checkbox"/> 4-7 years <input type="checkbox"/> 8-10 years <input type="checkbox"/> More than 10 years	<input type="checkbox"/> Less than \$500K <input type="checkbox"/> \$500K - \$1 million <input type="checkbox"/> \$1-2 million <input type="checkbox"/> \$2-5 million <input type="checkbox"/> Greater than \$5 million
			<input type="checkbox"/> Less than 1 year <input type="checkbox"/> 1- 3 years <input type="checkbox"/> 4-7 years <input type="checkbox"/> 8-10 years <input type="checkbox"/> More than 10 years	<input type="checkbox"/> Less than \$500K <input type="checkbox"/> \$500K - \$1 million <input type="checkbox"/> \$1-2 million <input type="checkbox"/> \$2-5 million <input type="checkbox"/> Greater than \$5 million
			<input type="checkbox"/> Less than 1 year <input type="checkbox"/> 1- 3 years <input type="checkbox"/> 4-7 years <input type="checkbox"/> 8-10 years <input type="checkbox"/> More than 10 years	<input type="checkbox"/> Less than \$500K <input type="checkbox"/> \$500K - \$1 million <input type="checkbox"/> \$1-2 million <input type="checkbox"/> \$2-5 million <input type="checkbox"/> Greater than \$5 million
			<input type="checkbox"/> Less than 1 year <input type="checkbox"/> 1- 3 years <input type="checkbox"/> 4-7 years <input type="checkbox"/> 8-10 years <input type="checkbox"/> More than 10 years	<input type="checkbox"/> Less than \$500K <input type="checkbox"/> \$500K - \$1 million <input type="checkbox"/> \$1-2 million <input type="checkbox"/> \$2-5 million <input type="checkbox"/> Greater than \$5 million
			<input type="checkbox"/> Less than 1 year <input type="checkbox"/> 1- 3 years <input type="checkbox"/> 4-7 years <input type="checkbox"/> 8-10 years <input type="checkbox"/> More than 10 years	<input type="checkbox"/> Less than \$500K <input type="checkbox"/> \$500K - \$1 million <input type="checkbox"/> \$1-2 million <input type="checkbox"/> \$2-5 million <input type="checkbox"/> Greater than \$5 million
			<input type="checkbox"/> Less than 1 year <input type="checkbox"/> 1- 3 years <input type="checkbox"/> 4-7 years <input type="checkbox"/> 8-10 years <input type="checkbox"/> More than 10 years	<input type="checkbox"/> Less than \$500K <input type="checkbox"/> \$500K - \$1 million <input type="checkbox"/> \$1-2 million <input type="checkbox"/> \$2-5 million <input type="checkbox"/> Greater than \$5 million

Note: This form is not necessary if the recipient establishes a bidders list using another methodology (e.g., statistically sound survey of firms, widely disseminated request of firms to report information to the recipient, etc.) as defined in the recipient's DBE plan.

\*GRS – Annual Gross Receipts

Enter 1 for less than \$1 million

Enter 2 for more than \$1 million, less than \$5 million

Enter 3 for more than \$5 million, less than \$10 million

Enter 4 for more than \$10 million, less than \$15 million

Enter 5 for more than \$15 million.





The Successful Bidder may use the following "materials on hand" to reduce Bid Item Quantities found in the Proposal. The Bidder shall be responsible to ensure these materials meet the specifications as stated in the Contract Documents and purchase any additional items needed. The Bidder may request to inspect these items stored at Pleasant Valley Shop, 111 Pleasant Valley Rd, Winlock, WA 98596, by contacting John Roe (360-864-4966 or 360-219-7140) to make arrangement to inspect.

Pay Item	Inv. Item	SO Item	PartNo./Description	Order Qty	Ship/Inv Qty
A37	1	104	ALE867B24C3H4 L867B STEEL 24" 3-2" THREADED HUBS .5"DH	2	2 EA
A37	2	105	ALE0919 GROUND	2	2 EA
A38	3	204	ALE867B24C3H4 L867B STEEL 24" 3-2" THREADED HUBS .5"DH	11	11 EA
A38	4	205	ALE0919 GROUND	11	11 EA
A39	5	304	ALE867B24C3H4 L867B STEEL 24" 3-2" THREADED HUBS .5"DH	1	1 EA
A39	6	305	ALE0919 GROUND	1	1 EA
A40	7	404	ALE867B24C3H4 L867B STEEL 24" 3-2" THREADED HUBS .5"DH	2	2 EA
A40	8	405	ALE0919 GROUND	2	2 EA
A41	9	503	ALE0919 GROUND	16	16 EA
A41	10	504	ALE867B24C2H4 L867B STEEL 24" 2-2" THREADED HUBS .5"DH	16	16 EA
A42	11	603	ALE867B24C2H4 L867B STEEL 24" 2-2" THREADED HUBS .5"DH	138	138 EA
A42	12	604	ALE0919	138	138 EA

			GROUND		
A43	13	704	ALE867B24C3H4 L867B STEEL 24" 3-2" THREADED HUBS .5"DH	2	2 EA
A43	14	705	ALE0919 GROUND	2	2 EA



## PROPOSAL

TO: BOARD OF COUNTY COMMISSIONERS  
LEWIS COUNTY  
CHEHALIS, WASHINGTON 98532

This certifies that the undersigned has examined the location of the South Lewis County Airport Improvements Project, A.I.P. No. 3-53-0078-009, in Lewis County, Washington, and that the plans, specifications and contract governing the work embraced in these improvements, and the method by which payment will be made for said work is understood. The undersigned hereby proposes to undertake and complete the work embraced in this improvement, or as much thereof as can be completed with the money available in accordance with the said plans, specifications and contract, and the following schedules of rates and prices:

NOTE: Unit prices for all items, all extensions, and total amount of bid shall be shown: All entries must be typed or entered in ink.

ITEM NO.	SECT. NO.	PLAN QUANTITY	ITEM DESCRIPTION	UNIT PRICE DOLLARS CENTS	AMOUNT DOLLARS CENTS
A1	01000	1 L.S.	FOD Prevention Controls	LUMP SUM	
A2	01115	1 L.S.	Temporary Site Control	LUMP SUM	
A3	01406	1 L.S.	Construction Staking	LUMP SUM	
A4	01505	1 L.S.	Mobilization	LUMP SUM	
A5	02050	19,500 S.Y.	Removal of Asphalt Pavement		
A6	02050	1 L.S.	Demolish - Miscellaneous structures	LUMP SUM	
A7	02050	25 EA.	Remove Tree		
A8	2100	3,500 C.Y.	Ballast		
A9	02271	12,300 S.Y.	Soil Stabilization Fabric		
A10	02578	5,000 L.F.	Crack Cleaning and Sealing		
A11	P-151	2 ACRE	Clearing and Grubbing		
A12	P-152	9,200 C.Y.	Unclassified Excavation		
A13	P-152	2,500 C.Y.	Unsuitable Excavation		
A14	P-152	1,600 C.Y.	Stockpiled Salvage Base Rock		
A15	P-154	6,100 C.Y.	Subbase Course		
A16	P-156	625 L.F.	Silt Fence		
A17	P-156	150 L.F.	Check Dams		
A18	P-156	1,000 S.Y.	Stabilized Construction Entrance		
A19	P-209	3,500 C.Y.	Crushed Aggregate Base Course		
A20	P-401	4,100 TON	HMA - Bituminous Surface Course		
A21	P-602	4,300 GAL.	Bituminous Prime Coat		
A22	P-603	700 GAL.	Bituminous Tack Coat		
A23	P-608	7,700 S.Y.	Asphalt Surface Treatment		

ITEM NO.	SECT. NO.	PLAN QUANTITY	ITEM DESCRIPTION	UNIT PRICE DOLLARS CENTS	AMOUNT DOLLARS CENTS
A24	P-620	40,000 S.F.	Pavement Marking		
A25	D-701		BID ITEM NOT USED	NOT USED	NOT USED
A25a	D-701	300 L.F.	Pipe, 12 In. Diam. HDPE		
A25b	D-701	225 L.F.	Pipe, 18 In. Diam. HDPE		
A26	D-705	9,000 L.F.	4 Inch Pipe Underdrains		
A27	D-705	500 L.F.	4 Inch Transverse Pipe		
A28	D-705	32 EA.	Edge Drain Cleanout		
A29a	D-751	2 EA.	Catch Basin, WSDOT Type 1		
A29b	D-751	3 EA.	Catch Basin, T-PVC		
A29c	D-751	1 EA.	48 In. Diam Manhole, WSDOT Type 3		
A29d		2 EA.	WSDOT Storm Headwall		
A29e		1 EA.	Drainage Structure, Adjust to Grade Major		
A29f		3 EA.	Drainage Structure, Adjust to Grade Minor		
A30	T-901	3.2 ACRE	Seeding		
A31	L-100.1	1 L.S.	Electrical Miscellaneous	LUMP SUM	
A32	L-108.1	16,200 L.F.	No. 8 AWG 5kV, L-824, Type C Cable		
A33	L-108.3	28,100 L.F.	No. 10 AWG 600V L-824		
A34	L-110.1	10,400 L.F.	(1) 2" PVC Sch 40, Direct Bury		
A35	L-110.2	690 L.F.	(1) 2" PVC Sch 40, Concrete Encased		
A36	L-125.1	1 L.S.	Demolish Airfield Equipment	LUMP SUM	
A37	L-125.2	2 EA.	REIL Pair		
A38	L-125.3	9 EA.	Guidance Sign - Size 1, 2 panel		
A39	L-125.4	2 EA.	Guidance Sign - Size 1, 3 panel		
A40	L-125.5	2 EA.	Guidance Sign - Size 1, 4 panel		
A41	L-125.6	16 EA.	Runway End Light		
A42	L-125.7	153 EA.	Taxiway Edge Light		
A43	L-125.8	1 L.S.	PAPI Assembly	LUMP SUM	
A44	L-125.9	1 L.S.	SCO Cabinet	LUMP SUM	
A45	L-125.10	1 L.S.	Spares	LUMP SUM	
SCHEDULE A SUBTOTAL:					
WASHINGTON STATE SALES TAX (7.8%)					
SCHEDULE A TOTAL BID					



**ALTERNATE BID SCHEDULE B**

A45	L-125.8	1 L.S.	L-881(L) PAPI Assembly	LUMP SUM	
SCHEDULE SUBTOTAL:					
WASHINGTON STATE SALES TAX (7.8%)					
				TOTAL BID	









**BIDDER'S STATEMENT ON PREVIOUS  
CONTRACTS SUBJECT TO EEO CLAUSE**

The Bidder (Proposer) has \_\_\_\_\_ has not \_\_\_\_\_ participated in a previous contract subject to the nondiscrimination clauses prescribed by Section 202 of Executive Order No. 11246 dated September 24, 1965.

The Bidder (Proposer) has \_\_\_\_\_ has not \_\_\_\_\_ submitted compliance reports in connection with any such contract as required by applicable instructions.

If the Bidder (Proposer) has participated in a previous contract subject to the nondiscrimination clause and has not submitted compliance reports as required by applicable instructions, the bidder (proposer) shall submit Standard Form 100 (for federal construction contracts) with the bid or proposal indicating current compliance.

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Name and Title of Signer (Please Print or Type)

---

Signature

---

Date







## BUY AMERICAN CERTIFICATION

The contractor agrees to comply with 49 USC § 50101, which provides that Federal funds may not be obligated unless all steel and manufactured goods used in AIP-funded projects are produced in the United States, unless the FAA has issued a waiver for the product; the product is listed as an Excepted Article, Material Or Supply in Federal Acquisition Regulation subpart 25.108; or is included in the FAA Nationwide Buy American Waivers Issued list.

A bidder or offeror must submit the appropriate Buy America certification (below) with all bids or offers on AIP funded projects. Bids or offers that are not accompanied by a completed Buy America certification must be rejected as nonresponsive.

### Certificate of Buy American Compliance for Manufactured Products

(Non-building construction projects, equipment acquisition projects)

As a matter of bid responsiveness, the bidder or offeror must complete, sign, date, and submit this certification statement with their proposal. The bidder or offeror must indicate how they intend to comply with 49 USC § 50101 by selecting one on the following certification statements. These statements are mutually exclusive. Bidder must select one or the other (not both) by inserting a checkmark (✓) or the letter "X".

- Bidder or offeror hereby certifies that it will comply with 49 USC § 50101 by:
- a) Only installing steel and manufactured products produced in the United States, or;
  - b) Installing manufactured products for which the FAA has issued a waiver as indicated by inclusion on the current FAA Nationwide Buy American Waivers Issued listing, or;
  - c) Installing products listed as an Excepted Article, Material or Supply in Federal Acquisition Regulation Subpart 25.108.
- By selecting this certification statement, the bidder or offeror agrees:
1. To provide to the Owner evidence that documents the source and origin of the steel and manufactured product.
  2. To faithfully comply with providing US domestic product
  3. To furnish US domestic product for any waiver request that the FAA rejects
  4. To refrain from seeking a waiver request after establishment of the contract, unless extenuating circumstances emerge that the FAA determines justified.
- The bidder or offeror hereby certifies it cannot comply with the 100% Buy American Preferences of 49 USC § 50101(a) but may qualify for either a Type 3 or Type 4 waiver under 49 USC § 50101(b). By selecting this certification statement, the apparent bidder or offeror with the apparent low bid agrees:
1. To submit to the Owner within 15 calendar days of the bid opening, a formal waiver request and required documentation that support the type of waiver being requested.
  2. That failure to submit the required documentation within the specified timeframe is cause for a non-responsive determination may result in rejection of the proposal.
  3. To faithfully comply with providing US domestic products at or above the approved US domestic content percentage as approved by the FAA.
  4. To refrain from seeking a waiver request after establishment of the contract, unless extenuating circumstances emerge that the FAA determines justified.

**Required Documentation**

**Type 3 Waiver** - The cost of the item components and subcomponents produced in the United States is more that 60% of the cost of all components and subcomponents of the "item". The required documentation for a type 3 waiver is:

- a) Listing of all product components and subcomponents that are not comprised of 100% US domestic content (Excludes products listed on the FAA Nationwide Buy American Waivers Issued listing and products excluded by Federal Acquisition Regulation Subpart 25.108; products of unknown origin must be considered as non-domestic products in their entirety)
- b) Cost of non-domestic components and subcomponents, excluding labor costs associated with final assembly at place of manufacture.
- c) Percentage of non-domestic component and subcomponent cost as compared to total "item" component and subcomponent costs, excluding labor costs associated with final assembly at place of manufacture.

**Type 4 Waiver** – Total cost of project using US domestic source product exceeds the total project cost using non-domestic product by 25%. The required documentation for a type 4 of waiver is:

- a) Detailed cost information for total project using US domestic product
- b) Detailed cost information for total project using non-domestic product

**False Statements:** Per 49 USC § 47126, this certification concerns a matter within the jurisdiction of the Federal Aviation Administration and the making of a false, fictitious or fraudulent certification may render the maker subject to prosecution under Title 18, United States Code.

\_\_\_\_\_

Date

\_\_\_\_\_

Signature

\_\_\_\_\_

Company Name

\_\_\_\_\_

Title

NON TRAFFICKING CERTIFICATION

Trafficking in persons:

a. **Provisions applicable to a recipient that is a private entity.**

1. You as the recipient, your employees, subrecipients under this award, and subrecipients' employees may not –

- i. Engage in severe forms of trafficking in persons during the period of time that the award is in effect;
- ii. Procure a commercial sex act during the period of time that the award is in effect; or
- iii. Use forced labor in the performance of the award or subawards under the award.

Certification:

I, \_\_\_\_\_, being \_\_\_\_\_ (title) of \_\_\_\_\_, hereby certify that the information as stated above is true and complete to the best of my knowledge and belief and the above mentioned statement will be provided in writing to all subcontractors hired for the above mentioned job.

\_\_\_\_\_  
Name and Title

\_\_\_\_\_  
Date

*Intentionally Left Blank.*

**BIDDER'S QUALIFICATION FORM**

FIRM NAME: \_\_\_\_\_

FIRM ADDRESS: \_\_\_\_\_

TELEPHONE NO.: ( ) \_\_\_\_\_ FAX NO.: ( ) \_\_\_\_\_

WASHINGTON STATE LICENSE NO.: \_\_\_\_\_ EXPIRES: \_\_\_\_\_

NUMBER OF YEARS ENGAGED IN CONTRACTING BUSINESS UNDER ABOVE NAME:

\_\_\_\_\_

GENERAL CHARACTER OF WORK PERFORMED BY BIDDER: \_\_\_\_\_

\_\_\_\_\_

APPROXIMATE VALUE OF WORK CURRENTLY UNDER CONTRACT: \_\_\_\_\_

BANK REFERENCE: \_\_\_\_\_

NAME OF BIDDER'S FIELD SUPERINTENDENT PROPOSED FOR THIS PROJECT (ATTACH RESUME THAT CONTAINS PERTINENT EXPERIENCE):

\_\_\_\_\_

Construction completed within the last 5 years with a similar size scope and difficulty to the work bid upon.

Name of Owner and Telephone Number	Name of Project	Type of Work	Amount of Contract
1) _____	_____	_____	_____
2) _____	_____	_____	_____
3) _____	_____	_____	_____
4) _____	_____	_____	_____
5) _____	_____	_____	_____

The undersigned certifies that the preceding information is true and correct.

By: \_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Title)

*Intentionally Left Blank.*

**BID BOND**

KNOW ALL MEN BY THESE PRESENTS, That we \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ of \_\_\_\_\_  
\_\_\_\_\_ (Contractor)  
\_\_\_\_\_ (Address)  
as Principal, and \_\_\_\_\_  
\_\_\_\_\_ (Surety)

as Surety, as held and firmly bound unto Lewis County, hereinafter called the Owner, in the full and penal sum of five percent (5%) of the total amount of the bid of said Principal for the equipment hereinafter described, for the payment of which, well and truly made, we bind ourselves, our heirs, executors, administrators, successors and assigns, firmly by these present.

The condition of this obligation is such that whereas the Principal has this day submitted a sealed Bid for: South Lewis County Airport Improvements Project, A.I.P. No. 3-53-0078-009.

NOW, THEREFORE, if the said Principal shall be awarded and shall duly make and enter into a Contract with the Owner in accordance with the terms of said Bid and award, and shall within ten (10) days after presentation of the Contract furnish a Bond acceptable to the Owner for the faithful performance of such Contract, and for the payment of all persons performing labor or furnishing materials in connection therewith, then this obligation shall be null and void; otherwise it shall be and remain in full force and effect.

IN WITNESS WHEREOF, the above bounded parties have executed this instrument, this \_\_\_\_\_ day of \_\_\_\_\_, 2020.

Witness \_\_\_\_\_  
(IF Individual or Firm)

\_\_\_\_\_  
(Principal)

Attest: \_\_\_\_\_  
(IF Corporation)

By: \_\_\_\_\_

**(Corporate Seal)**

\_\_\_\_\_  
(Title)

\_\_\_\_\_  
(Surety)

\_\_\_\_\_  
(Attorney-In-Fact)

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**NEW SECTION II**

**CONTRACT FORMS**

**THESE CONTRACT FORMS ARE REPLACING THE FORMS FROM THE  
ORIGINAL 2017 ENGINEERED CONTRACT DOCUMENTS**

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**CONTRACT**

THIS AGREEMENT, made and entered into this \_\_\_ day of \_\_\_\_\_, 2020, between the BOARD OF COUNTY COMMISSIONERS of LEWIS COUNTY, State of Washington, acting under and by virtue of RCW 36.77.040, hereinafter called

the Board, and \_\_\_\_\_ of \_\_\_\_\_

for \_\_\_sel\_\_\_, heirs, executors, administrators, successors and assigns, hereinafter called the Contractor.

**WITNESSETH:**

That in consideration of the payments, covenants and agreements hereinafter mentioned to be made and performed by the parties hereto, the parties hereto covenant and agree as follows:

**DESCRIPTION OF WORK:**

1. The Contractor shall do all work and furnish all material necessary to improve South Lewis County Airport by removing pavement, crack sealing and fog seal of main apron, installing new HMAC pavement, drainage improvements, installing airfield lighting, paint marking for pavements, and other work, all in Lewis County Washington, for the South Lewis County Airport Improvements Project, A.I.P. No. 3-53-0078-009, in accordance with and as described in the attached plans and specifications, and in full compliance with the terms, conditions and stipulations herein set forth and attached, now referred to and by such reference incorporated herein and made a part hereof as fully for all purposes as if here set forth at length, and shall perform any alterations in or additions to the work covered by this contract and every part thereof and any extra work which may be ordered as provided in this contract and every part thereof.

The Contractor shall provide and be at the expense of all materials, labor, carriage, tools, implements and conveniences and things of every description that may be requisite for the transfer of materials and for constructing and completing the work provided for in this contract and every part thereof.

2. The County hereby promises and agrees with the Contractor to hire and does hire the Contractor to provide the materials and to do and cause to be done the above described work and to complete and furnish the same according to the attached plans and specifications and the terms and conditions herein contained, and hereby contracts to pay for the same according to the schedule of unit or itemized prices at the time and in the manner and upon the conditions provided for in this contract and every part thereof. The County further agrees to hire the contractor to perform any alterations in or conditions to the work covered by this contract and every part thereof and any force account work that may be ordered and to pay for the same under the terms of this contract and the attached plans and specifications.

3. The Contractor for himself, and for his heirs, executors, administrators, successors and assigns, does hereby agree to the full performance of all the covenants herein contained upon the part of the Contractor.

4. It is further provided that no liability shall attach to the County be reason of entering into this contract, except as expressly provided herein.

**Contract - 1**

5. CANCELLATION OF CONTRACT FOR VIOLATION OF STATE POLICY

This contract, pursuant to RCW 49.28.040 to RCW 49.28.060, may be canceled by the officers or agents of the Owner authorized to contract for or supervise the execution of such work, in case such work is not performed in accordance with the policy of the State of Washington.

6. DOCUMENTS COMPRISING CONTRACT

All documents hereto attached, including but not being limited to the advertisement for bids, information and Instructions for bidders, bid proposal form, FAA General Provisions, FAA Special Provisions, Supplementary Conditions, general conditions (if any), special conditions (if any), complete specifications including the appendix and the complete plans, are hereby made a part of this contract.

IN WITNESS WHEREOF, the said Contractor has executed this instrument, and the said Board of County Commissioners of aforesaid County, pursuant to resolution duly adopted, has caused this instrument to be executed by and in the name of said Board by its Chairman, duly attested by its Clerk, the day and year first above written, and the seal of said Board to be hereunto affixed on the date in this instrument first above written.

\_\_\_\_\_  
By: \_\_\_\_\_

\_\_\_\_\_  
Contractor

Performance of foregoing contract assured in accordance with the terms of the accompanying bond.

Dated: \_\_\_\_\_, 2020

By: \_\_\_\_\_  
Surety

By: \_\_\_\_\_  
Attorney-in-fact

APPROVED AS TO FORM:

JONATHAN MEYER Prosecuting Attorney

By: \_\_\_\_\_  
Civil Deputy

APPROVED:

\_\_\_\_\_  
Lewis County Director

**Contract – 2**

## PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS, that we \_\_\_\_\_  
\_\_\_\_\_, as PRINCIPAL, and \_\_\_\_\_  
\_\_\_\_\_, a corporation duly authorized to act as a surety company in Washington, as SURETY,  
are jointly and severally held and bound unto Lewis County, as Obligee, hereinafter called OWNER, in  
the sum of \_\_\_\_\_  
(\$ \_\_\_\_\_), for the payment of which we jointly and severally bind ourselves, our heirs,  
successors, administrators and assigns, or our successors and assigns, firmly by these presents.

THE CONDITIONS OF THIS OBLIGATION IS SUCH THAT:

WHEREAS, the PRINCIPAL herein has made and entered into a certain contract with the OWNER, a  
copy of which is attached hereto, which contract is by this reference made a part hereof, whereby the said  
PRINCIPAL agrees to perform certain work and to furnish certain materials and to assume obligations, all  
in accordance with the terms, conditions, requirements, plans and specifications set out in said contract,  
and

NOW, THEREFORE, if the PRINCIPAL herein shall faithfully and truly observe and comply with the terms,  
conditions, and provisions of said contract, in all respects, and shall well and truly and fully do and perform  
all matters and things by him undertaken to be performed under said contract and during a one (1) year  
guarantee period, upon the terms set forth therein and within the time prescribed therein or as extended  
as provided therein and during a one (1) year guarantee period, and shall, in all respects perform said  
contract according to law, then this obligation shall be void; otherwise to remain in full force and effect.

For value received, the SURETY hereby agrees that no change, extension of time, alteration or addition  
to the terms of the contract or the work to be performed thereunder, or the specifications accompanying  
the same shall in any way affect its obligations hereunder, and the SURETY expressly waives notice of  
any such change, extension, alteration, or addition.

Nonpayment of the bond premium will not invalidate this bond nor shall the OWNER be obligated for the  
payment thereof.

In Witness Whereof, the parties hereto have caused this Bond to be executed in \_\_\_\_\_  
\_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2020.

PRINCIPAL:

SURETY:

By \_\_\_\_\_

By \_\_\_\_\_  
Attorney-in-Fact

Title \_\_\_\_\_

Attest:

\_\_\_\_\_  
Secretary

The Attorney-in-fact who executes this bond in behalf of the surety company, must attach a copy of his power-of-attorney as evidence of his authority.

To each executed original of this bond there must be attached a complete set of the "Contract Documents", as the term is defined in the Supplementary Conditions with all corrections, interlineations, signatures, etc., completely reproduced therein.

**PAYMENT BOND**

Bond Number \_\_\_\_\_

KNOW ALL MEN BY THESE PRESENTS, That \_\_\_\_\_ as PRINCIPAL, hereinafter called PRINCIPAL, and a corporation organized and existing under the laws of the State of Washington, as SURETY, hereinafter called SURETY, are held and firmly bound unto Lewis County, as OBLIGEE, hereinafter called OWNER, for the use and benefit of claimants as hereinbelow defined, in the amount of \_\_\_\_\_, (\$ \_\_\_\_\_ ) for the payment whereof PRINCIPAL and SURETY bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, PRINCIPAL has by written agreement dated \_\_\_\_\_, 2020, entered into a contract with OWNER for construction of A.I.P. Project No. 3-53-0078-009-2017 in accordance with drawings and specifications prepared by WHPacific, Inc., which contract is by reference made a part hereof, and is hereinafter referred to as the contract.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that is the principal shall promptly make payment to all claimants as hereinafter defined, for all labor and materials used or reasonably required for use in the performance of the contract, then this obligation shall be void; otherwise, it shall remain in full force and effect, subject, however, to the following conditions:

- (1) A claimant is defined as one having a direct contract with the principal or with a subcontractor of the principal for labor, material, or both, used or reasonably required for use in the performance of the contract, labor and material being construed to include that part of water, gas, power, light, heat, oil, gasoline, telephone service or rental of equipment directly applicable to the contract.
- (2) The above named principal and surety hereby jointly and severally agree with the owner that every claimant as herein defined, who has not been paid in full before the expiration of a period of ninety (90) days after the date on which the last of such claimant's work or labor was done or performed, or materials were furnished by such claimant, may sue on this bond for the use of such claimant, prosecute the suit to final judgment for such sum or sums as may be justly due claimant, and have execution thereon. The owner shall not be liable for the payment of any costs or expenses of any such suit.
- (3) No suit or action shall be commenced hereunder by any claimant:





## **1-07.18 Insurance**

*(January 4, 2016 APWA GSP)*

### **1-07.18(1) General Requirements**

- A. The Contractor shall procure and maintain the insurance described in all subsections of section 1-07.18 of these Special Provisions, from insurers with a current A. M. Best rating of not less than A-: VII and licensed to do business in the State of Washington. The Contracting Agency reserves the right to approve or reject the insurance provided, based on the insurer's financial condition.
- B. The Contractor shall keep this insurance in force without interruption from the commencement of the Contractor's Work through the term of the Contract and for thirty (30) days after the Physical Completion date, unless otherwise indicated below.
- C. If any insurance policy is written on a claims made form, its retroactive date, and that of all subsequent renewals, shall be no later than the effective date of this Contract. The policy shall state that coverage is claims made, and state the retroactive date. Claims-made form coverage shall be maintained by the Contractor for a minimum of 36 months following the Completion Date or earlier termination of this Contract, and the Contractor shall annually provide the Contracting Agency with proof of renewal. If renewal of the claims made form of coverage becomes unavailable, or economically prohibitive, the Contractor shall purchase an extended reporting period ("tail") or execute another form of guarantee acceptable to the Contracting Agency to assure financial responsibility for liability for services performed.
- D. The Contractor's Automobile Liability, Commercial General Liability and Excess or Umbrella Liability insurance policies shall be primary and non-contributory insurance as respects the Contracting Agency's insurance, self-insurance, or self-insured pool coverage. Any insurance, self-insurance, or self-insured pool coverage maintained by the Contracting Agency shall be excess of the Contractor's insurance and shall not contribute with it.
- E. The Contractor shall provide the Contracting Agency and all additional insureds with written notice of any policy cancellation, within two business days of their receipt of such notice.
- G. The Contractor shall not begin work under the Contract until the required insurance has been obtained and approved by the Contracting Agency
- H. Failure on the part of the Contractor to maintain the insurance as required shall constitute a material breach of contract, upon which the Contracting Agency may, after giving five business days' notice to the Contractor to correct the breach, immediately terminate the Contract or, at its discretion, procure or renew such insurance and pay any and all premiums in connection therewith, with any sums so expended to be repaid to the Contracting Agency on demand, or at the sole discretion of the Contracting Agency, offset against funds due the Contractor from the Contracting Agency.
- I. All costs for insurance shall be incidental to and included in the unit or lump sum prices of the Contract and no additional payment will be made.

### **1-07.18(2) Additional Insured**

All insurance policies, with the exception of Workers Compensation, and of Professional Liability and Builder's Risk (if required by this Contract) shall name the following listed entities as additional insured(s) using the forms or endorsements required herein:

- the Contracting Agency and its officers, elected officials, employees, agents, and volunteers

The above-listed entities shall be additional insured(s) for the full available limits of liability maintained by the Contractor, irrespective of whether such limits maintained by the Contractor are greater than those required by this Contract, and irrespective of whether the Certificate of Insurance provided by the Contractor pursuant to 1-07.18(4) describes limits lower than those maintained by the Contractor.

For Commercial General Liability insurance coverage, the required additional insured endorsements shall be at least as broad as ISO forms CG 20 10 10 01 for ongoing operations and CG 20 37 10 01 for completed operations.

### **1-07.18(3) Subcontractors**

The Contractor shall cause each Subcontractor of every tier to provide insurance coverage that complies with all applicable requirements of the Contractor-provided insurance as set forth herein, except the Contractor shall have sole responsibility for determining the limits of coverage required to be obtained by Subcontractors.

The Contractor shall ensure that all Subcontractors of every tier add all entities listed in 1-07.18(2) as additional insureds, and provide proof of such on the policies as required by that section as detailed in 1-07.18(2) using an endorsement as least as broad as ISO CG 20 10 10 01 for ongoing operations and CG 20 37 10 01 for completed operations.

Upon request by the Contracting Agency, the Contractor shall forward to the Contracting Agency evidence of insurance and copies of the additional insured endorsements of each Subcontractor of every tier as required in 1-07.18(4) Verification of Coverage.

### **1-07.18(4) Verification of Coverage**

The Contractor shall deliver to the Contracting Agency a Certificate(s) of Insurance and endorsements for each policy of insurance meeting the requirements set forth herein when the Contractor delivers the signed Contract for the work. Failure of Contracting Agency to demand such verification of coverage with these insurance requirements or failure of Contracting Agency to identify a deficiency from the insurance documentation provided shall not be construed as a waiver of Contractor's obligation to maintain such insurance.

Verification of coverage shall include:

1. An ACORD certificate or a form determined by the Contracting Agency to be equivalent.
2. Copies of all endorsements naming Contracting Agency and all other entities listed in 1-07.18(2) as additional insured(s), showing the policy number. The Contractor may submit a copy of any blanket additional insured clause from its policies instead of a separate endorsement.
3. Any other amendatory endorsements to show the coverage required herein.
4. A notation of coverage enhancements on the Certificate of Insurance shall not satisfy these requirements – actual endorsements must be submitted.

Upon request by the Contracting Agency, the Contractor shall forward to the Contracting Agency a full and certified copy of the insurance policy(s). If Builders Risk insurance is required on this Project, a full and certified copy of that policy is required when the Contractor delivers the signed Contract for the work.

**1-07.18(5) Coverages and Limits**

The insurance shall provide the minimum coverages and limits set forth below. Contractor's maintenance of insurance, its scope of coverage, and limits as required herein shall not be construed to limit the liability of the Contractor to the coverage provided by such insurance, or otherwise limit the Contracting Agency's recourse to any remedy available at law or in equity.

All deductibles and self-insured retentions must be disclosed and are subject to approval by the Contracting Agency. The cost of any claim payments falling within the deductible or self-insured retention shall be the responsibility of the Contractor. In the event an additional insured incurs a liability subject to any policy's deductibles or self-insured retention, said deductibles or self-insured retention shall be the responsibility of the Contractor.

**1-07.18(5)A Commercial General Liability**

Commercial General Liability insurance shall be written on coverage forms at least as broad as ISO occurrence form CG 00 01, including but not limited to liability arising from premises, operations, stop gap liability, independent contractors, products-completed operations, personal and advertising injury, and liability assumed under an insured contract. There shall be no exclusion for liability arising from explosion, collapse or underground property damage.

The Commercial General Liability insurance shall be endorsed to provide a per project general aggregate limit, using ISO form CG 25 03 05 09 or an equivalent endorsement.

Contractor shall maintain Commercial General Liability Insurance arising out of the Contractor's completed operations for at least three years following Substantial Completion of the Work.

Such policy must provide the following minimum limits:

\$1,000,000	Each Occurrence
\$2,000,000	General Aggregate
\$2,000,000	Products & Completed Operations Aggregate
\$1,000,000	Personal & Advertising Injury each offence
\$1,000,000	Stop Gap / Employers' Liability each accident

**1-07.18(5)B Automobile Liability**

Automobile Liability shall cover owned, non-owned, hired, and leased vehicles; and shall be written on a coverage form at least as broad as ISO form CA 00 01. If the work involves the transport of pollutants, the automobile liability policy shall include MCS 90 and CA 99 48 endorsements.

Such policy must provide the following minimum limit:

\$1,000,000	Combined single limit each accident
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**1-07.18(5)C Workers' Compensation**

The Contractor shall comply with Workers' Compensation coverage as required by the Industrial Insurance laws of the State of Washington.



# **WASHINGTON STATE PREVAILING WAGE RATES**

## **INCLUDING:**

**State Wage Rates**

**Wage Rate Supplements**

**Wage Rate Benefit Codes**

**Federal Wage Rates**



State of Washington  
 Department of Labor & Industries  
 Prevailing Wage Section - Telephone 360-902-5335  
 PO Box 44540, Olympia, WA 98504-4540

Washington State Prevailing Wage

The PREVAILING WAGES listed here include both the hourly wage rate and the hourly rate of fringe benefits. On public works projects, worker's wage and benefit rates must add to not less than this total. A brief description of overtime calculation requirements are provided on the Benefit Code Key.

Journey Level Prevailing Wage Rates for the Effective Date: 2/3/2020

<u>County</u>	<u>Trade</u>	<u>Job Classification</u>	<u>Wage</u>	<u>Holiday</u>	<u>Overtime</u>	<u>Note</u>	<u>*Risk Class</u>
Lewis	<a href="#">Asbestos Abatement Workers</a>	Journey Level	\$50.86	<u>5D</u>	<u>1H</u>		<a href="#">View</a>
Lewis	<a href="#">Boilermakers</a>	Journey Level	\$69.04	<u>5N</u>	<u>1C</u>		<a href="#">View</a>
Lewis	<a href="#">Brick Mason</a>	Journey Level	\$58.82	<u>5A</u>	<u>1M</u>		<a href="#">View</a>
Lewis	<a href="#">Brick Mason</a>	Pointer-Caulker-Cleaner	\$58.82	<u>5A</u>	<u>1M</u>		<a href="#">View</a>
Lewis	<a href="#">Building Service Employees</a>	Janitor	\$13.50		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Building Service Employees</a>	Shampooer	\$13.50		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Building Service Employees</a>	Waxer	\$13.50		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Building Service Employees</a>	Window Cleaner	\$13.50		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Cabinet Makers (In Shop)</a>	Journey Level	\$23.17		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Carpenters</a>	Acoustical Worker	\$62.44	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Carpenters</a>	Carpenter	\$62.44	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Carpenters</a>	Carpenters on Stationary Tools	\$62.57	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Carpenters</a>	Creosoted Material	\$62.54	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Carpenters</a>	Floor Finisher	\$62.44	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Carpenters</a>	Floor Layer	\$62.44	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Carpenters</a>	Scaffold Erector	\$62.44	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Application of all Composition Mastic	\$62.97	<u>7A</u>	<u>4U</u>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Application of all Epoxy Material	\$62.47	<u>7A</u>	<u>4U</u>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Application of all Plastic Material	\$62.97	<u>7A</u>	<u>4U</u>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Application of Sealing Compound	\$62.47	<u>7A</u>	<u>4U</u>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Application of Underlayment	\$62.97	<u>7A</u>	<u>4U</u>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Building General	\$62.47	<u>7A</u>	<u>4U</u>		<a href="#">View</a>

Lewis	<a href="#">Cement Masons</a>	Composition or Kalman Floors	\$62.97	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Concrete Paving	\$62.47	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Curb & Gutter Machine	\$62.97	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Curb & Gutter, Sidewalks	\$62.47	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Curing Concrete	\$62.47	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Finish Colored Concrete	\$62.97	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Floor Grinding	\$62.97	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Floor Grinding/Polisher	\$62.47	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Green Concrete Saw, self-powered	\$62.97	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Grouting of all Plates	\$62.47	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Grouting of all Tilt-up Panels	\$62.47	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Gunite Nozzleman	\$62.97	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Hand Powered Grinder	\$62.97	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Journey Level	\$62.47	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Patching Concrete	\$62.47	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Pneumatic Power Tools	\$62.97	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Power Chipping & Brushing	\$62.97	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Sand Blasting Architectural Finish	\$62.97	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Screed & Rodding Machine	\$62.97	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Spackling or Skim Coat Concrete	\$62.47	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Troweling Machine Operator	\$62.97	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Troweling Machine Operator on Colored Slabs	\$62.97	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Lewis	<a href="#">Cement Masons</a>	Tunnel Workers	\$62.97	<a href="#">7A</a>	<a href="#">4U</a>		<a href="#">View</a>
Lewis	<a href="#">Divers &amp; Tenders</a>	Bell/Vehicle or Submersible Operator (Not Under Pressure)	\$116.20	<a href="#">7A</a>	<a href="#">4C</a>		<a href="#">View</a>
Lewis	<a href="#">Divers &amp; Tenders</a>	Dive Supervisor/Master	\$79.23	<a href="#">7A</a>	<a href="#">4C</a>		<a href="#">View</a>
Lewis	<a href="#">Divers &amp; Tenders</a>	Diver	\$116.20	<a href="#">7A</a>	<a href="#">4C</a>	<a href="#">8V</a>	<a href="#">View</a>
Lewis	<a href="#">Divers &amp; Tenders</a>	Diver On Standby	\$74.23	<a href="#">7A</a>	<a href="#">4C</a>		<a href="#">View</a>
Lewis	<a href="#">Divers &amp; Tenders</a>	Diver Tender	\$67.31	<a href="#">7A</a>	<a href="#">4C</a>		<a href="#">View</a>
Lewis	<a href="#">Divers &amp; Tenders</a>	Manifold Operator	\$67.31	<a href="#">7A</a>	<a href="#">4C</a>		<a href="#">View</a>
Lewis	<a href="#">Divers &amp; Tenders</a>	Manifold Operator Mixed Gas	\$72.31	<a href="#">7A</a>	<a href="#">4C</a>		<a href="#">View</a>
Lewis	<a href="#">Divers &amp; Tenders</a>	Remote Operated Vehicle Operator/Technician	\$67.31	<a href="#">7A</a>	<a href="#">4C</a>		<a href="#">View</a>
Lewis	<a href="#">Divers &amp; Tenders</a>	Remote Operated Vehicle Tender	\$62.69	<a href="#">7A</a>	<a href="#">4C</a>		<a href="#">View</a>
Lewis	<a href="#">Dredge Workers</a>	Assistant Engineer	\$56.44	<a href="#">5D</a>	<a href="#">3F</a>		<a href="#">View</a>
Lewis	<a href="#">Dredge Workers</a>	Assistant Mate (Deckhand)	\$56.00	<a href="#">5D</a>	<a href="#">3F</a>		<a href="#">View</a>
Lewis	<a href="#">Dredge Workers</a>	Boatmen	\$56.44	<a href="#">5D</a>	<a href="#">3F</a>		<a href="#">View</a>
Lewis	<a href="#">Dredge Workers</a>	Engineer Welder	\$57.51	<a href="#">5D</a>	<a href="#">3F</a>		<a href="#">View</a>
Lewis	<a href="#">Dredge Workers</a>	Leverman, Hydraulic	\$58.67	<a href="#">5D</a>	<a href="#">3F</a>		<a href="#">View</a>



Lewis	<a href="#">Dredge Workers</a>	Mates	\$56.44	<a href="#">5D</a>	<a href="#">3F</a>		<a href="#">View</a>
Lewis	<a href="#">Dredge Workers</a>	Oiler	\$56.00	<a href="#">5D</a>	<a href="#">3F</a>		<a href="#">View</a>
Lewis	<a href="#">Drywall Applicator</a>	Journey Level	\$62.44	<a href="#">5D</a>	<a href="#">1H</a>		<a href="#">View</a>
Lewis	<a href="#">Drywall Tapers</a>	Journey Level	\$62.94	<a href="#">5P</a>	<a href="#">1E</a>		<a href="#">View</a>
Lewis	<a href="#">Electrical Fixture Maintenance Workers</a>	Journey Level	\$13.50		<a href="#">1</a>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Inside</a>	Cable Splicer	\$74.69	<a href="#">5C</a>	<a href="#">1G</a>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Inside</a>	Journey Level	\$69.96	<a href="#">5C</a>	<a href="#">1G</a>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Inside</a>	Lead Covered Cable Splicer	\$79.41	<a href="#">5C</a>	<a href="#">1G</a>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Inside</a>	Welder	\$74.69	<a href="#">5C</a>	<a href="#">1G</a>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Motor Shop</a>	Craftsman	\$15.37		<a href="#">1</a>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Motor Shop</a>	Journey Level	\$14.69		<a href="#">1</a>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Powerline Construction</a>	Cable Splicer	\$79.60	<a href="#">5A</a>	<a href="#">4D</a>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Powerline Construction</a>	Certified Line Welder	\$72.98	<a href="#">5A</a>	<a href="#">4D</a>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Powerline Construction</a>	Groundperson	\$47.94	<a href="#">5A</a>	<a href="#">4D</a>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Powerline Construction</a>	Heavy Line Equipment Operator	\$72.98	<a href="#">5A</a>	<a href="#">4D</a>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Powerline Construction</a>	Journey Level Lineperson	\$72.98	<a href="#">5A</a>	<a href="#">4D</a>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Powerline Construction</a>	Line Equipment Operator	\$62.06	<a href="#">5A</a>	<a href="#">4D</a>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Powerline Construction</a>	Meter Installer	\$47.94	<a href="#">5A</a>	<a href="#">4D</a>	<a href="#">8W</a>	<a href="#">View</a>
Lewis	<a href="#">Electricians - Powerline Construction</a>	Pole Sprayer	\$72.98	<a href="#">5A</a>	<a href="#">4D</a>		<a href="#">View</a>
Lewis	<a href="#">Electricians - Powerline Construction</a>	Powderperson	\$54.55	<a href="#">5A</a>	<a href="#">4D</a>		<a href="#">View</a>
Lewis	<a href="#">Electronic Technicians</a>	Journey Level	\$44.70	<a href="#">6Z</a>	<a href="#">1B</a>		<a href="#">View</a>
Lewis	<a href="#">Elevator Constructors</a>	Mechanic	\$94.22	<a href="#">7D</a>	<a href="#">4A</a>		<a href="#">View</a>
Lewis	<a href="#">Elevator Constructors</a>	Mechanic In Charge	\$101.73	<a href="#">7D</a>	<a href="#">4A</a>		<a href="#">View</a>
Lewis	<a href="#">Fabricated Precast Concrete Products</a>	Journey Level	\$13.50		<a href="#">1</a>		<a href="#">View</a>
Lewis	<a href="#">Fabricated Precast Concrete Products</a>	Journey Level - In-Factory Work Only	\$13.50		<a href="#">1</a>		<a href="#">View</a>
Lewis	<a href="#">Fence Erectors</a>	Fence Erector	\$43.11	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Fence Erectors</a>	Fence Laborer	\$43.11	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Flaggers</a>	Journey Level	\$43.11	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Glaziers</a>	Journey Level	\$66.51	<a href="#">7L</a>	<a href="#">1Y</a>		<a href="#">View</a>
Lewis	<a href="#">Heat &amp; Frost Insulators And Asbestos Workers</a>	Journeyman	\$76.61	<a href="#">5J</a>	<a href="#">4H</a>		<a href="#">View</a>
Lewis	<a href="#">Heating Equipment Mechanics</a>	Journey Level	\$85.88	<a href="#">7F</a>	<a href="#">1E</a>		<a href="#">View</a>
Lewis	<a href="#">Hod Carriers &amp; Mason Tenders</a>	Journey Level	\$52.44	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Industrial Power Vacuum Cleaner</a>	Journey Level	\$13.50		<a href="#">1</a>		<a href="#">View</a>

Lewis	<a href="#">Inland Boatmen</a>	Boat Operator	\$61.41	<a href="#">5B</a>	<a href="#">1K</a>		<a href="#">View</a>
Lewis	<a href="#">Inland Boatmen</a>	Cook	\$56.48	<a href="#">5B</a>	<a href="#">1K</a>		<a href="#">View</a>
Lewis	<a href="#">Inland Boatmen</a>	Deckhand	\$57.48	<a href="#">5B</a>	<a href="#">1K</a>		<a href="#">View</a>
Lewis	<a href="#">Inland Boatmen</a>	Deckhand Engineer	\$58.81	<a href="#">5B</a>	<a href="#">1K</a>		<a href="#">View</a>
Lewis	<a href="#">Inland Boatmen</a>	Launch Operator	\$58.89	<a href="#">5B</a>	<a href="#">1K</a>		<a href="#">View</a>
Lewis	<a href="#">Inland Boatmen</a>	Mate	\$57.31	<a href="#">5B</a>	<a href="#">1K</a>		<a href="#">View</a>
Lewis	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Cleaner Operator, Foamer Operator	\$13.50		<a href="#">1</a>		<a href="#">View</a>
Lewis	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Grout Truck Operator	\$13.50		<a href="#">1</a>		<a href="#">View</a>
Lewis	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Head Operator	\$13.50		<a href="#">1</a>		<a href="#">View</a>
Lewis	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Technician	\$13.50		<a href="#">1</a>		<a href="#">View</a>
Lewis	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Tv Truck Operator	\$13.50		<a href="#">1</a>		<a href="#">View</a>
Lewis	<a href="#">Insulation Applicators</a>	Journey Level	\$62.44	<a href="#">7A</a>	<a href="#">4C</a>		<a href="#">View</a>
Lewis	<a href="#">Ironworkers</a>	Journeyman	\$72.18	<a href="#">7N</a>	<a href="#">1O</a>		<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Air, Gas Or Electric Vibrating Screed	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Airtrac Drill Operator	\$52.44	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Ballast Regular Machine	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Batch Weighman	\$43.11	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Brick Pavers	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Brush Cutter	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Brush Hog Feeder	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Burner	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Caisson Worker	\$52.44	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Carpenter Tender	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Cement Dumper-paving	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Cement Finisher Tender	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Change House Or Dry Shack	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Chipping Gun (30 Lbs. And Over)	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Chipping Gun (Under 30 Lbs.)	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Choker Setter	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Chuck Tender	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Clary Power Spreader	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Clean-up Laborer	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Concrete Dumper/Chute Operator	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Concrete Form Stripper	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Concrete Placement Crew	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>

Lewis	<a href="#">Laborers</a>	Concrete Saw Operator/Core Driller	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Crusher Feeder	\$43.11	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Curing Laborer	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Demolition: Wrecking & Moving (Incl. Charred Material)	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Ditch Digger	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Diver	\$52.44	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Drill Operator (Hydraulic, Diamond)	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Dry Stack Walls	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Dump Person	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Epoxy Technician	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Erosion Control Worker	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Faller & Bucker Chain Saw	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Fine Graders	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Firewatch	\$43.11	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Form Setter	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Gabian Basket Builders	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	General Laborer	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Grade Checker & Transit Person	\$52.44	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Grinders	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Grout Machine Tender	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Groutmen (Pressure) Including Post Tension Beams	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Guardrail Erector	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Hazardous Waste Worker (Level A)	\$52.44	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Hazardous Waste Worker (Level B)	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Hazardous Waste Worker (Level C)	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	High Scaler	\$52.44	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Jackhammer	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Laserbeam Operator	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Maintenance Person	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Manhole Builder-Mudman	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Material Yard Person	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Motorman-Dinky Locomotive	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Nozzleman (Concrete Pump, Green Cutter When Using Combination Of High Pressure Air & Water On Concrete & Rock, Sandblast, Gunite, Shotcrete, Water Blaster, Vacuum Blaster)	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>

Lewis	<a href="#">Laborers</a>	Pavement Breaker	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Pilot Car	\$43.11	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Pipe Layer Lead	\$52.44	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Pipe Layer/Tailor	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Pipe Pot Tender	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Pipe Reliner	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Pipe Wrapper	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Pot Tender	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Powderman	\$52.44	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Powderman's Helper	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Power Jacks	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Railroad Spike Puller - Power	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Raker - Asphalt	\$52.44	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Re-timberman	\$52.44	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Remote Equipment Operator	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Rigger/Signal Person	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Rip Rap Person	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Rivet Buster	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Rodder	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Scaffold Erector	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Scale Person	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Sloper (Over 20")	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Sloper Sprayer	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Spreader (Concrete)	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Stake Hopper	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Stock Piler	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Swinging Stage/Boatswain Chair	\$43.11	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tamper & Similar Electric, Air & Gas Operated Tools	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tamper (Multiple & Self-propelled)	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Timber Person - Sewer (Lagger, Shorer & Cribber)	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Toolroom Person (at Jobsite)	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Topper	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Track Laborer	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Track Liner (Power)	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Traffic Control Laborer	\$46.10	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">9C</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Traffic Control Supervisor	\$46.10	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">9C</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Truck Spotter	\$50.86	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tugger Operator	\$51.80	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 0-30 psi	\$120.61	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">9B</a>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 30.01-44.00	\$125.64	<a href="#">7A</a>	<a href="#">4V</a>	<a href="#">9B</a>	<a href="#">View</a>

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Lewis	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 44.01-54.00 psi	\$129.32	<u>7A</u>	<u>4V</u>	<u>9B</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 54.01-60.00 psi	\$135.02	<u>7A</u>	<u>4V</u>	<u>9B</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 60.01-64.00 psi	\$137.14	<u>7A</u>	<u>4V</u>	<u>9B</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 64.01-68.00 psi	\$142.24	<u>7A</u>	<u>4V</u>	<u>9B</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 68.01-70.00 psi	\$144.14	<u>7A</u>	<u>4V</u>	<u>9B</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 70.01-72.00 psi	\$146.14	<u>7A</u>	<u>4V</u>	<u>9B</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tunnel Work-Compressed Air Worker 72.01-74.00 psi	\$148.14	<u>7A</u>	<u>4V</u>	<u>9B</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tunnel Work-Guage and Lock Tender	\$52.54	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Tunnel Work-Miner	\$52.54	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Vibrator	\$51.80	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Vinyl Seamer	\$50.86	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Watchman	\$39.18	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Welder	\$51.80	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Well Point Laborer	\$51.80	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers</a>	Window Washer/Cleaner	\$39.18	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers - Underground Sewer &amp; Water</a>	General Laborer & Topman	\$50.86	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Laborers - Underground Sewer &amp; Water</a>	Pipe Layer	\$51.80	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Landscape Construction</a>	Landscape Construction/Landscaping Or Planting Laborers	\$39.18	<u>7A</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
Lewis	<a href="#">Landscape Construction</a>	Landscape Operator	\$65.71	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Landscape Maintenance</a>	Groundskeeper	\$13.50		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Lathers</a>	Journey Level	\$62.44	<u>5D</u>	<u>1H</u>		<a href="#">View</a>
Lewis	<a href="#">Marble Setters</a>	Journey Level	\$58.82	<u>5A</u>	<u>1M</u>		<a href="#">View</a>
Lewis	<a href="#">Metal Fabrication (In Shop)</a>	Fitter	\$15.16		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Metal Fabrication (In Shop)</a>	Laborer	\$13.50		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Metal Fabrication (In Shop)</a>	Machine Operator	\$13.50		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Metal Fabrication (In Shop)</a>	Painter	\$13.50		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Metal Fabrication (In Shop)</a>	Welder	\$15.16		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Millwright</a>	Journey Level	\$63.94	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Modular Buildings</a>	Cabinet Assembly	\$13.50		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Modular Buildings</a>	Electrician	\$13.50		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Modular Buildings</a>	Equipment Maintenance	\$13.50		<u>1</u>		<a href="#">View</a>

Lewis	<a href="#">Modular Buildings</a>	Plumber	\$13.50		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Modular Buildings</a>	Production Worker	\$13.50		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Modular Buildings</a>	Tool Maintenance	\$13.50		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Modular Buildings</a>	Utility Person	\$13.50		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Modular Buildings</a>	Welder	\$13.50		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Painters</a>	Journey Level	\$43.40	<u>6Z</u>	<u>2B</u>		<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Crew Tender	\$67.31	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Crew Tender/Technician	\$67.31	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 0- 30.00 PSI	\$77.93	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 30.01 - 44.00 PSI	\$82.93	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 44.01 - 54.00 PSI	\$86.93	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 54.01 - 60.00 PSI	\$91.93	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 60.01 - 64.00 PSI	\$94.43	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 64.01 - 68.00 PSI	\$99.43	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 68.01 - 70.00 PSI	\$101.43	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 70.01 - 72.00 PSI	\$103.43	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Hyperbaric Worker - Compressed Air Worker 72.01 - 74.00 PSI	\$105.43	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Pile Driver</a>	Journey Level	\$62.69	<u>7A</u>	<u>4C</u>		<a href="#">View</a>
Lewis	<a href="#">Plasterers</a>	Journey Level	\$59.42	<u>7Q</u>	<u>1R</u>		<a href="#">View</a>
Lewis	<a href="#">Playground &amp; Park Equipment Installers</a>	Journey Level	\$13.50		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Plumbers &amp; Pipefitters</a>	Journey Level	\$74.72	<u>5A</u>	<u>1G</u>		<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Asphalt Plant Operator	\$66.81	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Assistant Engineers	\$62.85	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Barrier Machine (zipper)	\$66.22	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Batch Plant Operator: Concrete	\$66.22	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Bobcat	\$62.85	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Brokk - Remote Demolition Equipment	\$62.85	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Brooms	\$62.85	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Bump Cutter	\$66.22	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Cableways	\$66.81	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>

Lewis	<a href="#">Power Equipment Operators</a>	Chipper	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Compressor	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Concrete Pump: Truck Mount With Boom Attachment Over 42m	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Concrete Finish Machine - laser Screed	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Conveyors	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Cranes, 100 Tons - 199 Tons, Or 150 Ft Of Boom (including Jib With Attachments)	\$67.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Cranes: 20 Tons Through 44 Tons With Attachments	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Cranes: 200 tons to 299 tons, or 250' of boom (including jib with attachments)	\$68.17	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Cranes: 300 tons and over, or 300' of boom (including jib with attachments)	\$68.84	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Cranes: 45 Tons Through 99 Tons, Under 150' Of Boom (including Jib With Attachments)	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Cranes: A-frame - 10 Tons And Under	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Cranes: Friction 200 tons and over. Tower Cranes: over 250' in height from base to boom.	\$68.84	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Cranes: Friction cranes through 199 tons	\$68.17	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Cranes: Through 19 Tons With Attachments A-frame Over 10 Tons	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Crusher	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Deck Engineer/deck Winches (power)	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Derricks, On Building Work	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Dozers D-9 & Under	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Drill Oilers: Auger Type, Truck Or Crane Mount	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Drilling Machine	\$67.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Elevator And Man-lift: Permanent And Shaft Type	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>

Lewis	<a href="#">Power Equipment Operators</a>	Finishing Machine, Bidwell And Gamaco & Similar Equipment	\$66.22	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Forklift: 3000 Lbs And Over With Attachments	\$65.71	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Forklifts: Under 3000 Lbs. With Attachments	\$62.85	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Grade Engineer: Using Blueprints, Cut Sheets,etc.	\$66.22	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Gradechecker/stakeman	\$62.85	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Guardrail punch/Auger	\$66.22	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	\$66.81	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	\$66.22	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Horizontal/directional Drill Locator	\$65.71	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Horizontal/directional Drill Operator	\$66.22	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Hydralifts/Boom Trucks Over 10 Tons	\$65.71	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Hydralifts/boom Trucks, 10 Tons And Under	\$62.85	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Loader, Overhead 8 Yards. & Over	\$67.49	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Loader, Overhead, 6 Yards. But Not Including 8 Yards	\$66.81	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Loaders, Overhead Under 6 Yards	\$66.22	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Loaders, Plant Feed	\$66.22	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Loaders: Elevating Type Belt	\$65.71	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Locomotives, All	\$66.22	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Material Transfer Device	\$66.22	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Mechanics, All (Leadmen - \$0.50 Per Hour Over Mechanic)	\$67.49	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Motor patrol graders	\$66.81	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	\$66.81	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Oil Distributors, Blower Distribution & Mulch Seeding Operator	\$62.85	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Outside Hoists (elevators And Manlifts), Air Tuggers,strato	\$65.71	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Overhead, Bridge Type	\$66.22	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>



		Crane: 20 Tons Through 44 Tons					
Lewis	<a href="#">Power Equipment Operators</a>	Overhead, Bridge Type: 100 Tons And Over	\$67.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Overhead, Bridge Type: 45 Tons Through 99 Tons	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Pavement Breaker	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Pile Driver (other Than Crane Mount)	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Plant Oiler - Asphalt, Crusher	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Posthole Digger, Mechanical	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Power Plant	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Pumps - Water	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Quad 9, HD 41, D10 And Over	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Quick Tower - No Cab, Under 100 Feet In Height Based To Boom	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Remote Control Operator On Rubber Tired Earth Moving Equipment	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Rigger And Bellman	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Rigger/Signal Person, Bellman (Certified)	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Rollagon	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Roller, Other Than Plant Mix	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Roller, Plant Mix Or Multi-lift Materials	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Roto-mill, Roto-grinder	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Saws - Concrete	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Scraper, Self Propelled Under 45 Yards	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Scrapers - Concrete & Carry All	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Scrapers, Self-propelled: 45 Yards And Over	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Service Engineers - Equipment	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Shotcrete/gunite Equipment	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Shovel, Excavator, Backhoe, Tractors Under 15 Metric Tons	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>

Lewis	<a href="#">Power Equipment Operators</a>	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	\$67.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Shovel, Excavator, Backhoes: Over 90 Metric Tons	\$68.17	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Slipform Pavers	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Spreader, Topsider & Screedman	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Subgrader Trimmer	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Tower Bucket Elevators	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Tower crane over 175' through 250' in height, base to boom	\$68.17	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Tower Crane Up: To 175' In Height, Base To Boom	\$67.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Transporters, All Track Or Truck Type	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Trenching Machines	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Truck Crane Oiler/driver - 100 Tons And Over	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Truck Crane Oiler/driver Under 100 Tons	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Truck Mount Portable Conveyor	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Welder	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Wheel Tractors, Farmall Type	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators</a>	Yo Yo Pay Dozer	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Asphalt Plant Operator	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Assistant Engineers	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Barrier Machine (zipper)	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Batch Plant Operator: Concrete	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Bobcat	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Brokk - Remote Demolition Equipment	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Brooms	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Bump Cutter	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>

Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cableways	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Chipper	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Compressor	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Concrete Pump: Truck Mount With Boom Attachment Over 42m	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Concrete Finish Machine - laser Screed	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Conveyors	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes, 100 Tons - 199 Tons, Or 150 Ft Of Boom (including Jib With Attachments)	\$67.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes, 200 tons to 299 tons, or 250' of boom (including jib with attachments)	\$68.17	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes, Over 300 Tons, Or 300' Of Boom Including Jib With Attachments	\$68.84	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: 20 Tons Through 44 Tons With Attachments	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	cranes: 300 tons and over, or 300' of boom (including jib with attachments)	\$68.84	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: 45 Tons Through 99 Tons, Under 150' Of Boom (including Jib With Attachments)	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: A-frame - 10 Tons And Under	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: Friction 200 tons and over. Tower Cranes: over 250' in height from base to boom.	\$68.84	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: Friction cranes through 199 tons	\$68.17	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>

Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes: Through 19 Tons With Attachments A-frame Over 10 Tons	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Crusher	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Deck Engineer/deck Winches (power)	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Derricks, On Building Work	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Dozers D-9 & Under	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Drill Oilers: Auger Type, Truck Or Crane Mount	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Drilling Machine	\$67.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Elevator And Man-lift: Permanent And Shaft Type	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Finishing Machine, Bidwell And Gamaco & Similar Equipment	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Forklift: 3000 Lbs And Over With Attachments	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Forklifts: Under 3000 Lbs. With Attachments	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Grade Engineer: Using Blueprints, Cut Sheets, etc.	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Gradechecker/stakeman	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Guardrail punch/Auger	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Horizontal/directional Drill Locator	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Horizontal/directional Drill Operator	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>

Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Hydralifts/Boom Trucks Over 10 Tons	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Hydralifts/boom Trucks, 10 Tons And Under	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Loader, Overhead 8 Yards. & Over	\$67.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Loader, Overhead, 6 Yards. But Not Including 8 Yards	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Loaders, Overhead Under 6 Yards	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Loaders, Plant Feed	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Loaders: Elevating Type Belt	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Locomotives, All	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Material Transfer Device	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Mechanics, All (Leadmen - \$0.50 Per Hour Over Mechanic)	\$67.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Motor patrol graders	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Oil Distributors, Blower Distribution & Mulch Seeding Operator	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Outside Hoists (elevators And Manlifts), Air Tuggers, strato	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Overhead, Bridge Type Crane: 20 Tons Through 44 Tons	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Overhead, Bridge Type: 100 Tons And Over	\$67.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Overhead, Bridge Type: 45 Tons Through 99 Tons	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Pavement Breaker	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment</a>	Pile Driver (other Than	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>

	<a href="#">Operators- Underground Sewer &amp; Water</a>	Crane Mount)					
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Plant Oiler - Asphalt, Crusher	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Posthole Digger, Mechanical	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Power Plant	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Pumps - Water	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Quad 9, HD 41, D10 And Over	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Quick Tower - No Cab, Under 100 Feet In Height Based To Boom	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Remote Control Operator On Rubber Tired Earth Moving Equipment	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Rigger And Bellman	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Rigger/Signal Person, Bellman (Certified)	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Rollagon	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Roller, Other Than Plant Mix	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Roller, Plant Mix Or Multi-lift Materials	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Roto-mill, Roto-grinder	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Saws - Concrete	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Scraper, Self Propelled Under 45 Yards	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Scrapers - Concrete & Carry All	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Scrapers, Self-propelled: 45 Yards And Over	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground</a>	Service Engineers - Equipment	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>

	<a href="#">Sewer &amp; Water</a>						
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Shotcrete/gunite Equipment	\$62.85	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Shovel, Excavator, Backhoe, Tractors Under 15 Metric Tons	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	\$67.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Shovel, Excavator, Backhoes: Over 90 Metric Tons	\$68.17	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Slipform Pavers	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Spreader, Topsider & Screedman	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Subgrader Trimmer	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Tower Bucket Elevators	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Tower crane over 175' through 250' in height, base to boom	\$68.17	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Tower Crane: Up To 175' In Height, Base To Boom	\$67.49	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Transporters, All Track Or Truck Type	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Trenching Machines	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Truck Crane Oiler/driver - 100 Tons And Over	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Truck Crane Oiler/driver Under 100 Tons	\$65.71	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Truck Mount Portable Conveyor	\$66.22	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Welder	\$66.81	<a href="#">7A</a>	<a href="#">3K</a>	<a href="#">8X</a>	<a href="#">View</a>

Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Wheel Tractors, Farmall Type	\$62.85	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Yo Yo Pay Dozer	\$66.22	<u>7A</u>	<u>3K</u>	<u>8X</u>	<a href="#">View</a>
Lewis	<a href="#">Power Line Clearance Tree Trimmers</a>	Journey Level In Charge	\$50.96	<u>5A</u>	<u>4A</u>		<a href="#">View</a>
Lewis	<a href="#">Power Line Clearance Tree Trimmers</a>	Spray Person	\$48.35	<u>5A</u>	<u>4A</u>		<a href="#">View</a>
Lewis	<a href="#">Power Line Clearance Tree Trimmers</a>	Tree Equipment Operator	\$50.96	<u>5A</u>	<u>4A</u>		<a href="#">View</a>
Lewis	<a href="#">Power Line Clearance Tree Trimmers</a>	Tree Trimmer	\$45.54	<u>5A</u>	<u>4A</u>		<a href="#">View</a>
Lewis	<a href="#">Power Line Clearance Tree Trimmers</a>	Tree Trimmer Groundperson	\$34.51	<u>5A</u>	<u>4A</u>		<a href="#">View</a>
Lewis	<a href="#">Refrigeration &amp; Air Conditioning Mechanics</a>	Journey Level	\$74.71	<u>5A</u>	<u>1G</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Brick Mason</a>	Journey Level	\$21.96		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Carpenters</a>	Journey Level	\$24.89		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Cement Masons</a>	Journey Level	\$16.79		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Drywall Applicators</a>	Journey Level	\$36.07		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Drywall Tapers</a>	Journey Level	\$24.48		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Electricians</a>	Journey Level	\$34.53	<u>5A</u>	<u>1B</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Glaziers</a>	Journey Level	\$25.40		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Insulation Applicators</a>	Journey Level	\$17.05		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Laborers</a>	Journey Level	\$23.10		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Marble Setters</a>	Journey Level	\$21.96		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Painters</a>	Journey Level	\$18.76		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Plumbers &amp; Pipefitters</a>	Journey Level	\$26.35		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Refrigeration &amp; Air Conditioning Mechanics</a>	Journey Level	\$32.14		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Sheet Metal Workers</a>	Journey Level	\$33.28		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Soft Floor Layers</a>	Journey Level	\$14.86		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Sprinkler Fitters (Fire Protection)</a>	Journey Level	\$20.28		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Stone Masons</a>	Journey Level	\$21.96		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Terrazzo Workers</a>	Journey Level	\$14.86		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Terrazzo/Tile Finishers</a>	Journey Level	\$14.86		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Residential Tile Setters</a>	Journey Level	\$14.86		<u>1</u>		<a href="#">View</a>
Lewis	<a href="#">Roofers</a>	Journey Level	\$52.87	<u>5A</u>	<u>20</u>		<a href="#">View</a>
Lewis	<a href="#">Roofers</a>	Using Irritable Bituminous Materials	\$55.87	<u>5A</u>	<u>20</u>		<a href="#">View</a>
Lewis	<a href="#">Sheet Metal Workers</a>	Journey Level (Field or	\$85.88	<u>7F</u>	<u>1E</u>		<a href="#">View</a>



		Shop)					
Lewis	<a href="#">Sign Makers &amp; Installers (Electrical)</a>	Journey Level	\$18.04		1		<a href="#">View</a>
Lewis	<a href="#">Sign Makers &amp; Installers (Non-Electrical)</a>	Journey Level	\$50.86	7A	4V	8Y	<a href="#">View</a>
Lewis	<a href="#">Soft Floor Layers</a>	Journey Level	\$51.07	5A	3J		<a href="#">View</a>
Lewis	<a href="#">Solar Controls For Windows</a>	Journey Level	\$13.50		1		<a href="#">View</a>
Lewis	<a href="#">Sprinkler Fitters (Fire Protection)</a>	Journey Level	\$61.68	7J	1R		<a href="#">View</a>
Lewis	<a href="#">Stage Rigging Mechanics (Non Structural)</a>	Journey Level	\$13.50		1		<a href="#">View</a>
Lewis	<a href="#">Stone Masons</a>	Journey Level	\$58.82	5A	1M		<a href="#">View</a>
Lewis	<a href="#">Street And Parking Lot Sweeper Workers</a>	Journey Level	\$16.00		1		<a href="#">View</a>
Lewis	<a href="#">Surveyors</a>	Chain Person	\$65.11	7A	3K		<a href="#">View</a>
Lewis	<a href="#">Surveyors</a>	Instrument Persion	\$65.71	7A	3K		<a href="#">View</a>
Lewis	<a href="#">Surveyors</a>	Party Chief	\$66.81	7A	3K		<a href="#">View</a>
Lewis	<a href="#">Telecommunication Technicians</a>	Journey Level	\$44.70	6Z	1B		<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Cable Splicer	\$41.81	5A	2B		<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Hole Digger/Ground Person	\$23.53	5A	2B		<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Installer (Repairer)	\$40.09	5A	2B		<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Special Aparatus Installer I	\$41.81	5A	2B		<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Special Apparatus Installer II	\$40.99	5A	2B		<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Telephone Equipment Operator (Heavy)	\$41.81	5A	2B		<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Telephone Equipment Operator (Light)	\$38.92	5A	2B		<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Telephone Lineperson	\$38.92	5A	2B		<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Television Groundperson	\$22.32	5A	2B		<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Television Lineperson/Installer	\$29.60	5A	2B		<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Television System Technician	\$35.20	5A	2B		<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Television Technician	\$31.67	5A	2B		<a href="#">View</a>
Lewis	<a href="#">Telephone Line Construction - Outside</a>	Tree Trimmer	\$38.92	5A	2B		<a href="#">View</a>
Lewis	<a href="#">Terrazzo Workers</a>	Journey Level	\$54.06	5A	1M		<a href="#">View</a>
Lewis	<a href="#">Tile Setters</a>	Journey Level	\$54.06	5A	1M		<a href="#">View</a>
Lewis	<a href="#">Tile, Marble &amp; Terrazzo Finishers</a>	Finisher	\$44.89	5A	1B		<a href="#">View</a>
Lewis	<a href="#">Traffic Control Stripers</a>	Journey Level	\$47.68	7A	1K		<a href="#">View</a>
Lewis	<a href="#">Truck Drivers</a>	Asphalt Mix Over 16 Yards	\$60.84	5D	4Y	8L	<a href="#">View</a>

Lewis	<a href="#">Truck Drivers</a>	Asphalt Mix To 16 Yards	\$60.00	<u>5D</u>	<u>4Y</u>	<u>8L</u>	<a href="#">View</a>
Lewis	<a href="#">Truck Drivers</a>	Dump Truck	\$60.00	<u>5D</u>	<u>4Y</u>	<u>8L</u>	<a href="#">View</a>
Lewis	<a href="#">Truck Drivers</a>	Dump Truck & Trailer	\$60.84	<u>5D</u>	<u>4Y</u>	<u>8L</u>	<a href="#">View</a>
Lewis	<a href="#">Truck Drivers</a>	Other Trucks	\$60.84	<u>5D</u>	<u>4Y</u>	<u>8L</u>	<a href="#">View</a>
Lewis	<a href="#">Truck Drivers - Ready Mix</a>	Transit Mix	\$60.84	<u>5D</u>	<u>4Y</u>	<u>8L</u>	<a href="#">View</a>
Lewis	<a href="#">Well Drillers &amp; Irrigation Pump Installers</a>	Irrigation Pump Installer	\$18.18		1		<a href="#">View</a>
Lewis	<a href="#">Well Drillers &amp; Irrigation Pump Installers</a>	Oiler	\$13.50		1		<a href="#">View</a>
Lewis	<a href="#">Well Drillers &amp; Irrigation Pump Installers</a>	Well Driller	\$18.00		1		<a href="#">View</a>

**Washington State Department of Labor and Industries  
Policy Statement  
(Regarding the Production of "Standard" or "Non-standard" Items)**

Below is the department's (State L&I's) list of criteria to be used in determining whether a prefabricated item is "standard" or "non-standard". For items not appearing on WSDOT's predetermined list, these criteria shall be used by the Contractor (and the Contractor's subcontractors, agents to subcontractors, suppliers, manufacturers, and fabricators) to determine coverage under RCW 39.12. The production, in the State of Washington, of non-standard items is covered by RCW 39.12, and the production of standard items is not. The production of any item outside the State of Washington is not covered by RCW 39.12.

1. Is the item fabricated for a public works project? If not, it is not subject to RCW 39.12. If it is, go to question 2.
2. Is the item fabricated on the public works jobsite? If it is, the work is covered under RCW 39.12. If not, go to question 3.
3. Is the item fabricated in an assembly/fabrication plant set up for, and dedicated primarily to, the public works project? If it is, the work is covered by RCW 39.12. If not, go to question 4.
4. Does the item require any assembly, cutting, modification or other fabrication by the supplier? If not, the work is not covered by RCW 39.12. If yes, go to question 5.
5. Is the prefabricated item intended for the public works project typically an inventory item which could reasonably be sold on the general market? If not, the work is covered by RCW 39.12. If yes, go to question 6.
6. Does the specific prefabricated item, generally defined as standard, have any unusual characteristics such as shape, type of material, strength requirements, finish, etc? If yes, the work is covered under RCW 39.12.

Any firm with questions regarding the policy, WSDOT's Predetermined List, or for determinations of covered and non-covered workers shall be directed to State L&I at (360) 902-5330.

**WSDOT's  
Predetermined List for  
Suppliers - Manufactures - Fabricator**

Below is a list of potentially prefabricated items, originally furnished by WSDOT to Washington State Department of Labor and Industries, that may be considered non-standard and therefore covered by the prevailing wage law, RCW 39.12. Items marked with an X in the "YES" column should be considered to be non-standard and therefore covered by RCW 39.12. Items marked with an X in the "NO" column should be considered to be standard and therefore not covered. Of course, exceptions to this general list may occur, and in that case shall be evaluated according to the criteria described in State and L&I's policy statement.

<b>ITEM DESCRIPTION</b>	<b>YES</b>	<b>NO</b>
1. Metal rectangular frames, solid metal covers, herringbone grates, and bi-directional vaned grates for Catch Basin Types 1, 1L, 1P, and 2 and Concrete Inlets. See Std. Plans		<b>X</b>
2. Metal circular frames (rings) and covers, circular grates, and prefabricated ladders for Manhole Types 1, 2, and 3, Drywell Types 1, 2, and 3 and Catch Basin Type 2. See Std. Plans		<b>X</b>
3. Prefabricated steel grate supports and welded grates, metal frames and dual vaned grates, and Type 1, 2, and 3 structural tubing grates for Drop Inlets. See Std. Plans.		<b>X</b>
4. Concrete Pipe - Plain Concrete pipe and reinforced concrete pipe Class 2 to 5 sizes smaller than 60 inch diameter.		<b>X</b>
5. Concrete Pipe - Plain Concrete pipe and reinforced concrete pipe Class 2 to 5 sizes larger than 60 inch diameter.		<b>X</b>
6. Corrugated Steel Pipe - Steel lock seam corrugated pipe for culverts and storm sewers, sizes 30 inch to 120 inches in diameter. May also be treated, 1 thru 5.		<b>X</b>
7. Corrugated Aluminum Pipe - Aluminum lock seam corrugated pipe for culverts and storm sewers, sizes 30 inch to 120 inches in diameter. May also be treated, #5.		<b>X</b>

ITEM DESCRIPTION	YES	NO
8. Anchor Bolts & Nuts - Anchor Bolts and Nuts, for mounting sign structures, luminaries and other items, shall be made from commercial bolt stock. See Contract Plans and Std. Plans for size and material type.		<b>X</b>
9. Aluminum Pedestrian Handrail - Pedestrian handrail conforming to the type and material specifications set forth in the contract plans. Welding of aluminum shall be in accordance with Section 9-28.14(3).	<b>X</b>	
10. Major Structural Steel Fabrication - Fabrication of major steel items such as trusses, beams, girders, etc., for bridges.	<b>X</b>	
11. Minor Structural Steel Fabrication - Fabrication of minor steel Items such as special hangers, brackets, access doors for structures, access ladders for irrigation boxes, bridge expansion joint systems, etc., involving welding, cutting, punching and/or boring of holes. See Contact Plans for item description and shop drawings.	<b>X</b>	
12. Aluminum Bridge Railing Type BP - Metal bridge railing conforming to the type and material specifications set forth in the Contract Plans. Welding of aluminum shall be in accordance with Section 9-28.14(3).		<b>X</b>
13. Concrete Piling--Precast-Prestressed concrete piling for use as 55 and 70 ton concrete piling. Concrete to conform to Section 9-19.1 of Std. Spec..	<b>X</b>	
14. Precast Manhole Types 1, 2, and 3 with cones, adjustment sections and flat top slabs. See Std. Plans.		<b>X</b>
15. Precast Drywell Types 1, 2, and with cones and adjustment Sections. See Std. Plans.		<b>X</b>
16. Precast Catch Basin - Catch Basin type 1, 1L, 1P, and 2 With adjustment sections. See Std. Plans.		<b>X</b>

ITEM DESCRIPTION	YES	NO
17. Precast Concrete Inlet - with adjustment sections, See Std. Plans		<b>X</b>
18. Precast Drop Inlet Type 1 and 2 with metal grate supports. See Std. Plans.		<b>X</b>
19. Precast Grate Inlet Type 2 with extension and top units. See Std. Plans		<b>X</b>
20. Metal frames, vaned grates, and hoods for Combination Inlets. See Std. Plans		<b>X</b>
21. Precast Concrete Utility Vaults - Precast Concrete utility vaults of various sizes. Used for in ground storage of utility facilities and controls. See Contract Plans for size and construction requirements. Shop drawings are to be provided for approval prior to casting		<b>X</b>
22. Vault Risers - For use with Valve Vaults and Utilities  X Vaults.		<b>X</b>
23. Valve Vault - For use with underground utilities. See Contract Plans for details.		<b>X</b>
24. Precast Concrete Barrier - Precast Concrete Barrier for use as new barrier or may also be used as Temporary Concrete Barrier. Only new state approved barrier may be used as permanent barrier.		<b>X</b>
25. Reinforced Earth Wall Panels – Reinforced Earth Wall Panels in size and shape as shown in the Plans. Fabrication plant has annual approval for methods and materials to be used. See Shop Drawing. Fabrication at other locations may be approved, after facilities inspection, contact HQ. Lab.	<b>X</b>	
26. Precast Concrete Walls - Precast Concrete Walls - tilt-up wall panel in size and shape as shown in Plans. Fabrication plant has annual approval for methods and materials to be used	<b>X</b>	

ITEM DESCRIPTION	YES	NO
27. Precast Railroad Crossings - Concrete Crossing Structure Slabs.	<b>X</b>	
28. 12, 18 and 26 inch Standard Precast Prestressed Girder – Standard Precast Prestressed Girder for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A	<b>X</b>	
29. Prestressed Concrete Girder Series 4-14 - Prestressed Concrete Girders for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A	<b>X</b>	
30. Prestressed Tri-Beam Girder - Prestressed Tri-Beam Girders for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A	<b>X</b>	
31. Prestressed Precast Hollow-Core Slab – Precast Prestressed Hollow-core slab for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A.	<b>X</b>	
32. Prestressed-Bulb Tee Girder - Bulb Tee Prestressed Girder for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A	<b>X</b>	
33. Monument Case and Cover See Std. Plan.		<b>X</b>

ITEM DESCRIPTION	YES	NO
34. Cantilever Sign Structure - Cantilever Sign Structure fabricated from steel tubing meeting AASHTO-M-183. See Std. Plans, and Contract Plans for details. The steel structure shall be galvanized after fabrication in accordance with AASHTO-M-111.	<b>X</b>	
35. Mono-tube Sign Structures - Mono-tube Sign Bridge fabricated to details shown in the Plans. Shop drawings for approval are required prior to fabrication.	<b>X</b>	
36. Steel Sign Bridges - Steel Sign Bridges fabricated from steel tubing meeting AASHTO-M-138 for Aluminum Alloys. See Std. Plans, and Contract Plans for details. The steel structure shall be galvanized after fabrication in accordance with AASHTO-M-111.	<b>X</b>	
37. Steel Sign Post - Fabricated Steel Sign Posts as detailed in Std Plans. Shop drawings for approval are to be provided prior to fabrication		<b>X</b>
38. Light Standard-Prestressed - Spun, prestressed, hollow concrete poles.	<b>X</b>	
39. Light Standards - Lighting Standards for use on highway illumination systems, poles to be fabricated to conform with methods and materials as specified on Std. Plans. See Special Provisions for pre-approved drawings.	<b>X</b>	
40. Traffic Signal Standards - Traffic Signal Standards for use on highway and/or street signal systems. Standards to be fabricated to conform with methods and material as specified on Std. Plans. See Special Provisions for pre-approved drawings	<b>X</b>	
41. Precast Concrete Sloped Mountable Curb (Single and DualFaced) See Std. Plans.		<b>X</b>



ITEM DESCRIPTION	YES	NO
42. Traffic Signs - Prior to approval of a Fabricator of Traffic Signs, the sources of the following materials must be submitted and approved for reflective sheeting, legend material, and aluminum sheeting. <b>NOTE:</b> *** Fabrication inspection required. Only signs tagged "Fabrication Approved" by WSDOT Sign Fabrication Inspector to be installed	<b>X</b>	<b>X</b>
	Custom Message	Std Signing Message
43. Cutting & bending reinforcing steel		<b>X</b>
44. Guardrail components	<b>X</b>	<b>X</b>
	Custom End Sec	Standard Sec
45. Aggregates/Concrete mixes	Covered by WAC 296-127-018	
46. Asphalt	Covered by WAC 296-127-018	
47. Fiber fabrics		<b>X</b>
48. Electrical wiring/components		<b>X</b>
49. treated or untreated timber pile		<b>X</b>
50. Girder pads (elastomeric bearing)	<b>X</b>	
51. Standard Dimension lumber		<b>X</b>
52. Irrigation components		<b>X</b>

ITEM DESCRIPTION	YES	NO
53. Fencing materials		<b>X</b>
54. Guide Posts		<b>X</b>
55. Traffic Buttons		<b>X</b>
56. Epoxy		<b>X</b>
57. Cribbing		<b>X</b>
58. Water distribution materials		<b>X</b>
59. Steel "H" piles		<b>X</b>
60. Steel pipe for concrete pile casings		<b>X</b>
61. Steel pile tips, standard		<b>X</b>
62. Steel pile tips, custom	<b>X</b>	

Prefabricated items specifically produced for public works projects that are prefabricated in a county other than the county wherein the public works project is to be completed, the wage for the offsite prefabrication shall be the applicable prevailing wage for the county in which the actual prefabrication takes place.

It is the manufacturer of the prefabricated product to verify that the correct county wage rates are applied to work they perform.

See RCW [39.12.010](#)

(The definition of "locality" in RCW [39.12.010](#)(2) contains the phrase "wherein the physical work is being performed." The department interprets this phrase to mean the actual work site.

## **WSDOT's List of State Occupations not applicable to Heavy and Highway Construction Projects**

This project is subject to the state hourly minimum rates for wages and fringe benefits in the contract provisions, as provided by the state Department of Labor and Industries.

The following list of occupations, is comprised of those occupations that are not normally used in the construction of heavy and highway projects.

When considering job classifications for use and / or payment when bidding on, or building heavy and highway construction projects for, or administered by WSDOT, these Occupations will be excepted from the included "Washington State Prevailing Wage Rates For Public Work Contracts" documents.

- Building Service Employees
- Electrical Fixture Maintenance Workers
- Electricians - Motor Shop
- Heating Equipment Mechanics
- Industrial Engine and Machine Mechanics
- Industrial Power Vacuum Cleaners
- Inspection, Cleaning, Sealing of Water Systems by Remote Control
- Laborers - Underground Sewer & Water
- Machinists (Hydroelectric Site Work)
- Modular Buildings
- Playground & Park Equipment Installers
- Power Equipment Operators - Underground Sewer & Water
- Residential \*\*\* ALL ASSOCIATED RATES \*\*\*
- Sign Makers and Installers (Non-Electrical)
- Sign Makers and Installers (Electrical)
- Stage Rigging Mechanics (Non Structural)

The following occupations may be used only as outlined in the preceding text concerning "WSDOT's list for Suppliers - Manufacturers - Fabricators"

- Fabricated Precast Concrete Products
- Metal Fabrication (In Shop)

Definitions for the Scope of Work for prevailing wages may be found at the Washington State Department of Labor and Industries web site and in WAC Chapter 296-127.

**Washington State Department of Labor and Industries  
Policy Statements  
(Regarding Production and Delivery of Gravel, Concrete, Asphalt, etc.)**

**WAC 296-127-018 Agency filings affecting this section**

**Coverage and exemptions of workers involved in the production and delivery of gravel, concrete, asphalt, or similar materials.**

(1) The materials covered under this section include but are not limited to: Sand, gravel, crushed rock, concrete, asphalt, or other similar materials.

(2) All workers, regardless of by whom employed, are subject to the provisions of chapter 39.12 RCW when they perform any or all of the following functions:

(a) They deliver or discharge any of the above-listed materials to a public works project site:

(i) At one or more point(s) directly upon the location where the material will be incorporated into the project; or

(ii) At multiple points at the project; or

(iii) Adjacent to the location and coordinated with the incorporation of those materials.

(b) They wait at or near a public works project site to perform any tasks subject to this section of the rule.

(c) They remove any materials from a public works construction site pursuant to contract requirements or specifications (e.g., excavated materials, materials from demolished structures, clean-up materials, etc.).

(d) They work in a materials production facility (e.g., batch plant, borrow pit, rock quarry, etc.) which is established for a public works project for the specific, but not necessarily exclusive, purpose of supplying materials for the project.

(e) They deliver concrete to a public works site regardless of the method of incorporation.

(f) They assist or participate in the incorporation of any materials into the public works project.

(3) All travel time that relates to the work covered under subsection (2) of this section requires the payment of prevailing wages. Travel time includes time spent waiting to load, loading, transporting, waiting to unload, and delivering materials. Travel time would include all time spent in travel in support of a public works project whether the vehicle is empty or full. For example, travel time spent returning to a supply source to obtain another load of material for use on a public works site or returning to the public works site to obtain another load of excavated material is time spent in travel that is subject to prevailing wage. Travel to a supply source, including travel from a public works site, to obtain materials for use on a private project would not be travel subject to the prevailing wage.

(4) Workers are not subject to the provisions of chapter 39.12 RCW when they deliver materials to a stockpile.

(a) A "stockpile" is defined as materials delivered to a pile located away from the site of incorporation such that the stockpiled materials must be physically moved from the stockpile and transported to another location on the project site in order to be incorporated into the project.

(b) A stockpile does not include any of the functions described in subsection (2)(a) through (f) of this section; nor does a stockpile include materials delivered or distributed to multiple locations upon the project site; nor does a stockpile include materials dumped at the place of incorporation, or adjacent to the location and coordinated with the incorporation.

(5) The applicable prevailing wage rate shall be determined by the locality in which the work is performed. Workers subject to subsection (2)(d) of this section, who produce such materials at an off-site facility shall be paid the applicable prevailing wage rates for the county in which the off-site facility is located. Workers subject to subsection (2) of this section, who deliver such materials to a public works project site shall be paid the applicable prevailing wage rates for the county in which the public works project is located.

[Statutory Authority: Chapter 39.12 RCW, RCW 43.22.051 and 43.22.270. 08-24-101, § 296-127-018, filed 12/2/08, effective 1/2/09. Statutory Authority: Chapters 39.04 and 39.12 RCW and RCW 43.22.270. 92-01-104 and 92-08-101, § 296-127-018, filed 12/18/91 and 4/1/92, effective 8/31/92.]

Benefit Code Key – Effective 8/31/2019 thru 3/3/2020

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**Overtime Codes**

**Overtime calculations** are based on the hourly rate actually paid to the worker. On public works projects, the hourly rate must be not less than the prevailing rate of wage minus the hourly rate of the cost of fringe benefits actually provided for the worker.

1. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.
  - B. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
  - C. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
  - D. The first two (2) hours before or after a five-eight (8) hour workweek day or a four-ten (10) hour workweek day and the first eight (8) hours worked the next day after either workweek shall be paid at one and one-half times the hourly rate of wage. All additional hours worked and all worked on Sundays and holidays shall be paid at double the hourly rate of wage.
  - E. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
  - F. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours worked, except Labor Day, shall be paid at double the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.
  - G. The first ten (10) hours worked on Saturdays and the first ten (10) hours worked on a fifth calendar weekday in a four-ten hour schedule, shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of ten (10) hours per day Monday through Saturday and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
  - H. All hours worked on Saturdays (except makeup days if work is lost due to inclement weather conditions or equipment breakdown) shall be paid at one and one-half times the hourly rate of wage. All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
  - I. All hours worked on Sundays and holidays shall also be paid at double the hourly rate of wage.
  - J. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked over ten (10) hours Monday through Saturday, Sundays and holidays shall be paid at double the hourly rate of wage.
  - K. All hours worked on Saturdays and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.
  - M. All hours worked on Saturdays (except makeup days if work is lost due to inclement weather conditions) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
  - N. All hours worked on Saturdays (except makeup days) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

**Overtime Codes Continued**

1. O. The first ten (10) hours worked on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays, holidays and after twelve (12) hours, Monday through Friday and after ten (10) hours on Saturday shall be paid at double the hourly rate of wage.
- P. All hours worked on Saturdays (except makeup days if circumstances warrant) and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.
- Q. The first two (2) hours after eight (8) regular hours Monday through Friday and up to ten (10) hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of ten (10) hours per day Monday through Saturday and all hours worked on Sundays and holidays (except Christmas day) shall be paid at double the hourly rate of wage. All hours worked on Christmas day shall be paid at two and one-half times the hourly rate of wage.
- R. All hours worked on Sundays and holidays shall be paid at two times the hourly rate of wage.
- S. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays and all other overtime hours worked, except Labor Day, shall be paid at double the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.
- U. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays (except Labor Day) shall be paid at two times the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.
- V. All hours worked on Sundays and holidays (except Thanksgiving Day and Christmas day) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Thanksgiving Day and Christmas day shall be paid at double the hourly rate of wage.
- W. All hours worked on Saturdays and Sundays (except make-up days due to conditions beyond the control of the employer) shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.
- X. The first four (4) hours after eight (8) regular hours Monday through Friday and the first twelve (12) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked over twelve (12) hours Monday through Saturday, Sundays and holidays shall be paid at double the hourly rate of wage. When holiday falls on Saturday or Sunday, the day before Saturday, Friday, and the day after Sunday, Monday, shall be considered the holiday and all work performed shall be paid at double the hourly rate of wage.
- Y. All hours worked outside the hours of 5:00 am and 5:00 pm (or such other hours as may be agreed upon by any employer and the employee) and all hours worked in excess of eight (8) hours per day (10 hours per day for a 4 x 10 workweek) and on Saturdays and holidays (except labor day) shall be paid at one and one-half times the hourly rate of wage. (except for employees who are absent from work without prior approval on a scheduled workday during the workweek shall be paid at the straight-time rate until they have worked 8 hours in a day (10 in a 4 x 10 workweek) or 40 hours during that workweek.) All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and Labor Day shall be paid at double the hourly rate of wage.
- Z. All hours worked on Saturdays and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid the straight time rate of pay in addition to holiday pay.

**Overtime Codes Continued**

2. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.
- B. All hours worked on holidays shall be paid at one and one-half times the hourly rate of wage.
  - C. All hours worked on Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at two times the hourly rate of wage.
  - F. The first eight (8) hours worked on holidays shall be paid at the straight hourly rate of wage in addition to the holiday pay. All hours worked in excess of eight (8) hours on holidays shall be paid at double the hourly rate of wage.
  - G. All hours worked on Sunday shall be paid at two times the hourly rate of wage. All hours worked on paid holidays shall be paid at two and one-half times the hourly rate of wage including holiday pay.
  - H. All hours worked on Sunday shall be paid at two times the hourly rate of wage. All hours worked on holidays shall be paid at one and one-half times the hourly rate of wage.
  - O. All hours worked on Sundays and holidays shall be paid at one and one-half times the hourly rate of wage.
  - R. All hours worked on Sundays and holidays and all hours worked over sixty (60) in one week shall be paid at double the hourly rate of wage.
  - U. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked over 12 hours in a day or on Sundays and holidays shall be paid at double the hourly rate of wage.
  - W. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage. On a four-day, ten-hour weekly schedule, either Monday thru Thursday or Tuesday thru Friday schedule, all hours worked after ten shall be paid at double the hourly rate of wage. The first eight (8) hours worked on the fifth day shall be paid at one and one-half times the hourly rate of wage. All other hours worked on the fifth, sixth, and seventh days and on holidays shall be paid at double the hourly rate of wage.
3. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.
- A. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal shift, and all work on Saturdays shall be paid at time and one-half the straight time rate. Hours worked over twelve hours (12) in a single shift and all work performed after 6:00 pm Saturday to 6:00 am Monday and holidays shall be paid at double the straight time rate of pay. Any shift starting between the hours of 6:00 pm and midnight shall receive an additional one dollar (\$1.00) per hour for all hours worked that shift. The employer shall have the sole discretion to assign overtime work to employees. Primary consideration for overtime work shall be given to employees regularly assigned to the work to be performed on overtime situations. After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.
  - C. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage. All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays shall be paid at double the hourly rate of wage. After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.



**Overtime Codes Continued**

3.
  - E. All hours worked Sundays and holidays shall be paid at double the hourly rate of wage. Each week, once 40 hours of straight time work is achieved, then any hours worked over 10 hours per day Monday through Saturday shall be paid at double the hourly wage rate.
  - F. All hours worked on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sunday shall be paid at two times the hourly rate of wage. All hours worked on paid holidays shall be paid at two and one-half times the hourly rate of wage including holiday pay.
  - H. All work performed on Sundays between March 16th and October 14th and all Holidays shall be compensated for at two (2) times the regular rate of pay. Work performed on Sundays between October 15th and March 15th shall be compensated at one and one half (1-1/2) times the regular rate of pay.
  - J. All hours worked between the hours of 10:00 pm and 5:00 am, Monday through Friday, and all hours worked on Saturdays shall be paid at a one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
  - K. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal 5 am to 6pm shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage. All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays, and all hours worked in excess of twelve (12) hours in a single shift shall be paid at double the hourly rate of wage.

After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more. When an employee returns to work without at least eight (8) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until he/she shall have the eight (8) hours rest period.

4. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.
  - A. All hours worked in excess of eight (8) hours per day or forty (40) hours per week shall be paid at double the hourly rate of wage. All hours worked on Saturdays, Sundays and holidays shall be paid at double the hourly rate of wage.
  - B. All hours worked over twelve (12) hours per day and all hours worked on holidays shall be paid at double the hourly rate of wage.
  - C. On Monday through Friday, the first four (4) hours of overtime after eight (8) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay, unless a four (4) day ten (10) hour workweek has been established. On a four (4) day ten (10) hour workweek scheduled Monday through Thursday, or Tuesday through Friday, the first two (2) hours of overtime after ten (10) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay. On Saturday, the first twelve (12) hours of work shall be paid at one and one half (1-1/2) times the straight time rate of pay, except that if the job is down on Monday through Friday due to weather conditions or other conditions outside the control of the employer, the first ten (10) hours on Saturday may be worked at the straight time rate of pay. All hours worked over twelve (12) hours in a day and all hours worked on Sunday and Holidays shall be paid at two (2) times the straight time rate of pay.

**Overtime Codes Continued**

4. D. All hours worked in excess of eight (8) hours per day or forty (40) hours per week shall be paid at double the hourly rate of wage. All hours worked on Saturday, Sundays and holidays shall be paid at double the hourly rate of pay. Rates include all members of the assigned crew.

**EXCEPTION:**

On all multipole structures and steel transmission lines, switching stations, regulating, capacitor stations, generating plants, industrial plants, associated installations and substations, except those substations whose primary function is to feed a distribution system, will be paid overtime under the following rates:

The first two (2) hours after eight (8) regular hours Monday through Friday of overtime on a regular workday, shall be paid at one and one-half times the hourly rate of wage. All hours in excess of ten (10) hours will be at two (2) times the hourly rate of wage. The first eight (8) hours worked on Saturday will be paid at one and one-half (1-1/2) times the hourly rate of wage. All hours worked in excess of eight (8) hours on Saturday, and all hours worked on Sundays and holidays will be at the double the hourly rate of wage.

All overtime eligible hours performed on the above described work that is energized, shall be paid at the double the hourly rate of wage.

- E. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

On a four-day, ten-hour weekly schedule, either Monday thru Thursday or Tuesday thru Friday schedule, all hours worked after ten shall be paid at double the hourly rate of wage. The Monday or Friday not utilized in the normal four-day, ten hour work week, and Saturday shall be paid at one and one half (1½) times the regular shift rate for the first eight (8) hours. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

- F. All hours worked between the hours of 6:00 pm and 6:00 am, Monday through Saturday, shall be paid at a premium rate of 20% over the hourly rate of wage. All hours worked on Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.

- G. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

- H. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours worked, except Labor Day, and all hours on Sunday shall be paid at double the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.

- I. The First eight (8) hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of eight (8) per day on Saturdays shall be paid at double the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

- J. The first eight (8) hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of eight (8) hours on a Saturday shall be paid at double the hourly rate of wage. All hours worked over twelve (12) in a day, and all hours worked on Sundays and Holidays shall be paid at double the hourly rate of wage.

- K. All hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage, so long as Saturday is the sixth consecutive day worked. All hours worked over twelve (12) in a day Monday through Saturday, and all hours worked on Sundays and Holidays shall be paid at double the hourly rate of wage.

**Overtime Codes Continued**

4. L. The first twelve (12) hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on a Saturday in excess of twelve (12) hours shall be paid at double the hourly rate of pay. All hours worked over twelve (12) in a day Monday through Friday, and all hours worked on Sundays shall be paid at double the hourly rate of wage. All hours worked on a holiday shall be paid at one and one-half times the hourly rate of wage, except that all hours worked on Labor Day shall be paid at double the hourly rate of pay.
- M. All hours worked on Sunday and Holidays shall be paid at double the hourly rate. Any employee reporting to work less than nine (9) hours from their previous quitting time shall be paid for such time at time and one-half times the hourly rate.
- N. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays, and all work performed between the hours of midnight (12:00 AM) and eight AM (8:00 AM) every day shall be paid at double the hourly rate of wage.
- O. All hours worked between midnight Friday to midnight Sunday shall be paid at one and one-half the hourly rate of wage. After an employee has worked in excess of eight (8) continuous hours in any one or more calendar days, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of six (6) hours or more. All hours worked on Holidays shall be paid at double the hourly rate of wage.
- P. All hours worked on Holidays shall be paid at one and one-half times the hourly rate of wage.
- Q. The first four (4) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked over twelve (12) hours Monday through Saturday shall be paid at double the hourly rate. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- R. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage, so long as Saturday is the sixth consecutive day worked. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- S. All hours worked on Saturdays and Holidays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays shall be paid at double the hourly rate of wage.
- T. The first two (2) hours of overtime for hours worked Monday-Friday shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of ten (10) hours per day shall be paid at double the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage. For work on Saturday which is scheduled prior to the end of shift on Friday, the first six (6) hours work shall be paid at one and one-half times the hourly rate of wage, and all hours over (6) shall be paid double the hourly rate of wage. For work on Saturday which was assigned following the close of shift on Friday, all work shall be paid at double the hourly rate of wage.
- U. The first four (4) hours after eight (8) regular hours Monday through Friday and the first twelve (12) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. (Except on makeup days if work is lost due to inclement weather, then the first eight (8) hours on Saturday may be paid the regular rate.) All hours worked over twelve (12) hours Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

**Overtime Codes Continued**

4. V. Work performed in excess of ten (10) hours of straight time per day when four ten (10) hour shifts are established or outside the normal shift (5 am to 6pm), and all work on Saturdays, except for make-up days shall be paid at time and one-half (1 ½) the straight time rate.

In the event the job is down due to weather conditions, then Saturday may, be worked as a voluntary make-up day at the straight time rate. However, Saturday shall not be utilized as a make-up day when a holiday falls on Friday. All work performed on Sundays and holidays and work in excess of twelve (12) hours per day shall be paid at double (2x) the straight time rate of pay.

After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

When an employee returns to work without a break of eight (8) hours since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

- W. All hours worked on Saturdays (except makeup days if work is lost due to inclement weather conditions) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

When an employee returns to work without at least eight (8) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

- X. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage. Work performed outside the normal shift of 6 am to 6pm shall be paid at one and one-half the straight time rate, (except for special shifts or three shift operations). All work performed on Sundays and holidays shall be paid at double the hourly rate of wage. Shifts may be established when considered necessary by the Employer.

The Employer may establish shifts consisting of eight (8) or ten (10) hours of work (subject to WAC 296-127-022), that shall constitute a normal forty (40) hour work week. The Employer can change from a 5-eight to a 4-ten hour schedule or back to the other. All hours of work on these shifts shall be paid for at the straight time hourly rate. Work performed in excess of eight hours (or ten hours per day (subject to WAC 296-127-022) shall be paid at one and one-half the straight time rate.

When due to conditions beyond the control of the Employer, or when contract specifications require that work can only be performed outside the regular day shift, then by mutual agreement a special shift may be worked at the straight time rate, eight (8) hours work for eight (8) hours pay. The starting time shall be arranged to fit such conditions of work.

When an employee returns to work without at a break of eight (8) hours since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

**Overtime Codes Continued**

4. Y. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal shift, and all work on Saturdays shall be paid at time and one-half the straight time rate. All work performed after 6:00 pm Saturday to 6:00 am Monday and holidays shall be paid at double the straight time rate of pay.

Any shift starting between the hours of 6:00 pm and midnight shall receive an additional one dollar (\$1.00) per hour for all hours worked that shift.

After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.

**Holiday Codes**

5. A. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, and Christmas Day (7).
- B. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, the day before Christmas, and Christmas Day (8).
- C. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8).
- D. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8).
- H. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Day after Thanksgiving Day, And Christmas (6).
- I. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6).
- J. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Eve Day, And Christmas Day (7).
- K. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, The Day Before Christmas, And Christmas Day (9).
- L. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (8).
- N. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, The Friday After Thanksgiving Day, And Christmas Day (9).
- P. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday And Saturday After Thanksgiving Day, The Day Before Christmas, And Christmas Day (9). If A Holiday Falls On Sunday, The Following Monday Shall Be Considered As A Holiday.
- Q. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6).

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**Holiday Codes Continued**

5. R. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day After Thanksgiving Day, One-Half Day Before Christmas Day, And Christmas Day. (7 1/2).
- S. Paid Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, And Christmas Day (7).
- T. Paid Holidays: New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, Christmas Day, And The Day Before Or After Christmas (9).
- Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8).
6. A. Paid Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8).
- E. Paid Holidays: New Year's Day, Day Before Or After New Year's Day, Presidents Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and a Half-Day On Christmas Eve Day. (9 1/2).
- G. Paid Holidays: New Year's Day, Martin Luther King Jr. Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and Christmas Eve Day (11).
- H. Paid Holidays: New Year's Day, New Year's Eve Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, Christmas Day, The Day After Christmas, And A Floating Holiday (10).
- I. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, And Christmas Day (7).
- T. Paid Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Last Working Day Before Christmas Day, And Christmas Day (9).
- Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (7). If a holiday falls on Saturday, the preceding Friday shall be considered as the holiday. If a holiday falls on Sunday, the following Monday shall be considered as the holiday.
7. A. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any Holiday Which Falls On A Sunday Shall Be Observed As A Holiday On The Following Monday. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.
- B. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- C. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

Benefit Code Key – Effective 8/31/2019 thru 3/3/2020

**Holiday Codes Continued**

7. D. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8). Unpaid Holidays: President's Day. Any paid holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any paid holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- E. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- F. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the last working day before Christmas day and Christmas day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- G. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.
- H. Holidays: New Year's Day, Martin Luther King Jr. Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- I. Holidays: New Year's Day, President's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Day Before Christmas Day And Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- J. Holidays: New Year's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- K. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- L. Holidays: New Year's Day, Memorial Day, Labor Day, Independence Day, Thanksgiving Day, the Last Work Day before Christmas Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- M. Paid Holidays: New Year's Day, The Day after or before New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, And the Day after or before Christmas Day (10). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- N. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. When Christmas falls on a Saturday, the preceding Friday shall be observed as a holiday.
- P. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.

**Holiday Codes Continued**

7. Q. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.
- R. Paid Holidays: New Year's Day, the day after or before New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and the day after or before Christmas Day (10). If any of the listed holidays fall on Saturday, the preceding Friday shall be observed as the holiday. If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.
- S. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Day, the Day after Christmas, and A Floating Holiday (9). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.
- T. Paid Holidays: New Year's Day, the Day after or before New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and The Day after or before Christmas Day. (10). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- V. Holidays: New Year's Day, President's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, the day before or after Christmas, and the day before or after New Year's Day. If any of the above listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.
- W. Holidays: New Year's Day, Day After New Year's, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Eve Day, Christmas Day, the day after Christmas, the day before New Year's Day, and a Floating Holiday.
- X. Holidays: New Year's Day, Day before or after New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and the day before or after Christmas day. If a holiday falls on a Saturday or on a Friday that is the normal day off, then the holiday will be taken on the last normal workday. If the holiday falls on a Monday that is the normal day off or on a Sunday, then the holiday will be taken on the next normal workday.
- Y. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, and Christmas Day. (8) If the holiday falls on a Sunday, then the day observed by the federal government shall be considered a holiday and compensated accordingly.
- Z. Holidays: New Year's Day, President's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
15. A. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the day before Christmas Day and Christmas Day. (8) Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.
- B. Holidays: New Year's Day, Martin Luther King Jr. Day, President's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, and Christmas Day. (9)
- C. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the day before Christmas Day and Christmas Day. (8)



Benefit Code Key – Effective 8/31/2019 thru 3/3/2020

**Holiday Codes Continued**

15. D. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Day, and the day after Christmas.
- E. Holidays: the day before New Years's Day, New Year's Day, Martin Luther King, Jr. Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, Friday after Thanksgiving Day, the day before Christmas, and Christmas Day. (12)

**Note Codes**

8. D. Workers working with supplied air on hazmat projects receive an additional \$1.00 per hour.
- L. Workers on hazmat projects receive additional hourly premiums as follows -Level A: \$0.75, Level B: \$0.50, And Level C: \$0.25.
- M. Workers on hazmat projects receive additional hourly premiums as follows: Levels A & B: \$1.00, Levels C & D: \$0.50.
- N. Workers on hazmat projects receive additional hourly premiums as follows -Level A: \$1.00, Level B: \$0.75, Level C: \$0.50, And Level D: \$0.25.
- P. Workers on hazmat projects receive additional hourly premiums as follows -Class A Suit: \$2.00, Class B Suit: \$1.50, Class C Suit: \$1.00, And Class D Suit \$0.50.
- Q. The highest pressure registered on the gauge for an accumulated time of more than fifteen (15) minutes during the shift shall be used in determining the scale paid.
- S. Effective August 31, 2012 – A Traffic Control Supervisor shall be present on the project whenever flagging or spotting or other traffic control labor is being utilized. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. This classification is only effective on or after August 31, 2012.
- T. Effective August 31, 2012 – A Traffic Control Laborer performs the setup, maintenance and removal of all temporary traffic control devices and construction signs necessary to control vehicular, bicycle, and pedestrian traffic during construction operations. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. This classification is only effective on or after August 31, 2012.
- U. Workers on hazmat projects receive additional hourly premiums as follows – Class A Suit: \$2.00, Class B Suit: \$1.50, And Class C Suit: \$1.00. Workers performing underground work receive an additional \$0.40 per hour for any and all work performed underground, including operating, servicing and repairing of equipment. The premium for underground work shall be paid for the entire shift worked. Workers who work suspended by a rope or cable receive an additional \$0.50 per hour. The premium for work suspended shall be paid for the entire shift worked. Workers who do “pioneer” work (break open a cut, build road, etc.) more than one hundred fifty (150) feet above grade elevation receive an additional \$0.50 per hour.

**Note Codes Continued**

8. V. In addition to the hourly wage and fringe benefits, the following depth and enclosure premiums shall be paid. The premiums are to be calculated for the maximum depth and distance into an enclosure that a diver reaches in a day. The premiums are to be paid one time for the day and are not used in calculating overtime pay.
- Depth premiums apply to depths of fifty feet or more. Over 50' to 100' - \$2.00 per foot for each foot over 50 feet. Over 101' to 150' - \$3.00 per foot for each foot over 101 feet. Over 151' to 220' - \$4.00 per foot for each foot over 220 feet. Over 221' - \$5.00 per foot for each foot over 221 feet.
- Enclosure premiums apply when divers enter enclosures (such as pipes or tunnels) where there is no vertical ascent and is measured by the distance travelled from the entrance. 25' to 300' - \$1.00 per foot from entrance. 300' to 600' - \$1.50 per foot beginning at 300'. Over 600' - \$2.00 per foot beginning at 600'.
- W. Meter Installers work on single phase 120/240V self-contained residential meters. The Lineman/Groundmen rates would apply to meters not fitting this description.
- X. Workers on hazmat projects receive additional hourly premiums as follows - Class A Suit: \$2.00, Class B Suit: \$1.50, Class C Suit: \$1.00, and Class D Suit: \$0.50. Special Shift Premium: Basic hourly rate plus \$2.00 per hour.
- When due to conditions beyond the control of the Employer or when an owner (not acting as the contractor), a government agency or the contract specifications requires that work can only be performed outside the normal 5 am to 6pm shift, then the special shift premium will be applied to the basic hourly rate. When an employee works on a special shift, they shall be paid a special shift premium for each hour worked unless they are in OT or Double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)
- Y. Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay.
- Swinging Stage/Boatswains Chair: Employees working on a swinging state or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents (\$0.75) per hour above the classification rate.
- Z. Workers working with supplied air on hazmat projects receive an additional \$1.00 per hour.
- Special Shift Premium: Basic hourly rate plus \$2.00 per hour. When due to conditions beyond the control of the Employer or when an owner (not acting as a contractor), a government agency or the contract specifications require that more than (4) hours of a special shift can only be performed outside the normal 6 am to 6pm shift, then the special shift premium will be applied to the basic straight time for the entire shift. When an employee works on a special shift, they will be paid a special shift premium for each hour worked unless they are in overtime or double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)

**Note Codes Continued**

9. A. Workers working with supplied air on hazmat projects receive an additional \$1.00 per hour.

Special Shift Premium: Basic hourly rate plus \$2.00 per hour. When due to conditions beyond the control of the Employer or when an owner (not acting as the contractor), a government agency or the contract specifications require that more than four (4) hours of a special shift can only be performed outside the normal 6 am to 6pm shift, then the special shift premium will be applied to the basic straight time for the entire shift. When an employee works on a special shift, they shall be paid a special shift premium for each hour worked unless they are in overtime or double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)

Certified Crane Operator Premium: Crane operators requiring certifications shall be paid \$0.50 per hour above their classification rate.

Boom Pay Premium: All cranes including tower shall be paid as follows based on boom length:

- (A) – 130’ to 199’ – \$0.50 per hour over their classification rate.
- (B) – 200’ to 299’ – \$0.80 per hour over their classification rate.
- (C) – 300’ and over – \$1.00 per hour over their classification rate.

- B. The highest pressure registered on the gauge for an accumulated time of more than fifteen (15) minutes during the shift shall be used in determining the scale paid.

Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay. Swinging Stage/Boatswains Chair: Employees working on a swinging stage or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents (\$0.75) per hour above the classification rate.

- C. Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay. Swinging Stage/Boatswains Chair: Employees working on a swinging stage or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents (\$0.75) per hour above the classification rate.

Effective August 31, 2012 – A Traffic Control Supervisor shall be present on the project whenever flagging or spotting or other traffic control labor is being utilized. A Traffic Control Laborer performs the setup, maintenance and removal of all temporary traffic control devices and construction signs necessary to control vehicular, bicycle, and pedestrian traffic during construction operations. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. These classifications are only effective on or after August 31, 2012.

- D. Industrial Painter wages are required for painting within industrial facilities such as treatment plants, pipelines, towers, dams, bridges, power generation facilities and manufacturing facilities such as chemical plants, etc., or anywhere abrasive blasting is necessary to prepare surfaces, or hazardous materials encapsulation is required.

- E. Heavy Construction includes construction, repair, alteration or additions to the production, fabrication or manufacturing portions of industrial or manufacturing plants, hydroelectric or nuclear power plants and atomic reactor construction. Workers on hazmat projects receive additional hourly premiums as follows -Level A: \$1.00, Level B: \$0.75, Level C: \$0.50, And Level D: \$0.25.

"General Decision Number: **WA20200001** 01/03/2020  
Superseded General Decision Number: WA20190001  
State: Washington  
Construction Type: Highway  
Counties: Washington Statewide.  
HIGHWAY (Excludes D.O.E. Hanford Site in Benton and Franklin  
Counties)

Note: **Under Executive Order (EO) 13658, an hourly minimum wage of \$10.80 for calendar year 2020 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 \$10.80 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 2020. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate).** 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](http://www.dol.gov/whd/govcontracts).

Modification Number	Publication Date
0	01/03/2020

CARP0003-006 06/01/2018

SOUTHWEST WASHINGTON: CLARK, COWLITZ, KLICKITAT, LEWIS(Piledriver only), PACIFIC (South of a straight line made by extending the north boundary line of Wahkiakum County west to Willapa Bay to the Pacific Ocean), SKAMANIA, and WAHKIAKUM Counties.

	Rates	Fringes
Carpenters:		
CARPENTERS.....	\$ 37.64	16.83
DIVERS TENDERS.....	\$ 43.73	16.83
DIVERS.....	\$ 87.73	16.83
DRYWALL.....	\$ 37.64	16.83
MILLWRIGHTS.....	\$ 38.17	16.83
PILEDRIVERS.....	\$ 38.71	16.83

DEPTH PAY:  
 50 TO 100 FEET \$1.00 PER FOOT OVER 50 FEET  
 101 TO 150 FEET \$1.50 PER FOOT OVER 101 FEET  
 151 TO 200 FEET \$2.00 PER FOOT OVER 151 FEET

Zone Differential (Add up Zone 1 rates):  
 Zone 2 - \$0.85  
 Zone 3 - 1.25  
 Zone 4 - 1.70  
 Zone 5 - 2.00  
 Zone 6 - 3.00

BASEPOINTS: ASTORIA, LONGVIEW, PORTLAND, THE DALLES, AND VANCOUVER, (NOTE: All dispatches for Washington State Counties: Cowlitz, Wahkiakum and Pacific shall be from Longview Local #1707 and mileage shall be computed from that point.)

ZONE 1: Projects located within 30 miles of the respective city hall of the above mentioned cities  
 ZONE 2: Projects located more than 30 miles and less than 40 miles of the respective city of the above mentioned cities  
 ZONE 3: Projects located more than 40 miles and less than 50 miles of the respective city of the above mentioned cities  
 ZONE 4: Projects located more than 50 miles and less than 60 miles of the respective city of the above mentioned cities.  
 ZONE 5: Projects located more than 60 miles and less than 70 miles of the respective city of the above mentioned cities  
 ZONE 6: Projects located more than 70 miles of the respected city of the above mentioned cities

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\* CARP0030-004 06/01/2019

CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC (North of a straight line made by extending the north boundary line of Wahkiakum County west to the Pacific Ocean), PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND WHATCOM Counties

	Rates	Fringes
CARPENTER		
BRIDGE CARPENTERS.....	\$ 45.92	16.52
CARPENTERS ON CREOSOTE MATERIAL.....	\$ 46.02	16.52
CARPENTERS.....	\$ 45.92	16.52
DIVERS TENDER.....	\$ 50.79	16.52
DIVERS.....	\$ 99.68	16.52
MILLWRIGHT AND MACHINE ERECTORS.....	\$ 47.42	16.52
PILEDRIIVER, DRIVING, PULLING, CUTTING, PLACING COLLARS, SETTING, WELDING OR CRESOTE TREATED MATERIAL, ALL PILING.....	\$ 46.17	16.52

(HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - ALL CLASSIFICATIONS EXCEPT MILLWRIGHTS AND PILEDRIIVERS

Hourly Zone Pay shall be paid on jobs located outside of the free zone computed from the city center of the following listed cities:

Seattle	Olympia	Bellingham
Auburn	Bremerton	Anacortes
Renton	Shelton	Yakima
Aberdeen-Hoquiam	Tacoma	Wenatchee
Ellensburg	Everett	Port Angeles
Centralia	Mount Vernon	Sunnyside
Chelan	Pt. Townsend	

Zone Pay:

0 -25 radius miles	Free
26-35 radius miles	\$1.00/hour
36-45 radius miles	\$1.15/hour
46-55 radius miles	\$1.35/hour
Over 55 radius miles	\$1.55/hour

(HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - MILLWRIGHT AND PILEDRIIVER ONLY)

Hourly Zone Pay shall be computed from Seattle Union Hall, Tacoma City center, and Everett City center

Zone Pay:

0 -25 radius miles	Free
26-45 radius miles	\$ .70/hour
Over 45 radius miles	\$1.50/hour

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 \* CARP0059-002 06/01/2019

ADAMS, ASOTIN, BENTON, CHELAN (East of 120th meridian),  
 COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT (East of  
 120th meridian), KITTITAS (East of 120th meridian), LINCOLN,  
 OKANOGAN (East of 120th meridian), PEND OREILLE, SPOKANE,  
 STEVENS, WALLA WALLA, WHITMAN, and YAKIMA (East of 120th  
 meridian) Counties

	Rates	Fringes
CARPENTER		
GROUP 1.....	\$ 35.47	16.88
GROUP 2.....	\$ 47.42	18.96
GROUP 3.....	\$ 36.66	16.88
GROUP 4.....	\$ 36.66	16.88
GROUP 5.....	\$ 83.96	16.88
GROUP 6.....	\$ 40.23	16.88
GROUP 7.....	\$ 41.23	16.88
GROUP 8.....	\$ 37.66	16.88
GROUP 9.....	\$ 44.23	16.88

CARPENTER & DIVER CLASSIFICATIONS:

GROUP 1: Carpenter

GROUP 2: Millwright, Machine Erector

GROUP 3: Piledriver - includes driving, pulling, cutting,  
 placing collars, setting, welding, or creosote treated  
 material, on all piling

GROUP 4: Bridge, Dock, and Wharf carpenters

GROUP 5: Diver Wet

GROUP 6: Diver Tender, Manifold Operator, ROV Operator

GROUP 7: Diver Standby

GROUP 8: Assistant Diver Tender, ROV Tender/Technician

GROUP 9: Manifold Operator-Mixed Gas

ZONE PAY:

ZONE 1	0-45 MILES	FREE
ZONE 2	45-100	\$4.00/PER HOUR
ZONE 3	OVER 100 MILES	\$6.00/PER HOUR

## DISPATCH POINTS:

CARPENTERS/MILLWRIGHTS: PASCO (515 N Neel Street) or Main Post Office of established residence of employee (Whichever is closest to the worksite).

CARPENTERS/PILEDRIVER: SPOKANE (127 E. AUGUSTA AVE.) or Main Post Office of established residence of employee (Whichever is closest to the worksite).

CARPENTERS: WENATCHEE (27 N. CHELAN) or Main Post Office of established residence of employee (Whichever is closest to the worksite).

CARPENTERS: COEUR D' ALENE (1839 N. GOVERNMENT WAY) or Main Post Office of established residence of employee (Whichever is closest to the worksite).

CARPENTERS: MOSCOW (306 N. JACKSON) or Main Post Office of established residence of employee (Whichever is closest to the worksite).

## DEPTH PAY FOR DIVERS BELOW WATER SURFACE:

50-100 feet \$2.00 per foot  
101-150 feet \$3.00 per foot  
151-220 feet \$4.00 per foot  
221 feet and deeper \$5.00 per foot

## PREMIUM PAY FOR DIVING IN ENCLOSURES WITH NO VERTICAL ASCENT:

0-25 feet Free  
26-300 feet \$1.00 per Foot

## SATURATION DIVING:

The standby rate applies until saturation starts. The saturation diving rate applies when divers are under pressure continuously until work task and decompression are complete. the diver rate shall be paid for all saturation hours.

## WORK IN COMBINATION OF CLASSIFICATIONS:

Employees working in any combination of classifications within the diving crew (except dive supervisor) in a shift are paid in the classification with the highest rate for that shift.

## HAZMAT PROJECTS:

Anyone working on a HAZMAT job (task), where HAZMAT certification is required, shall be compensated at a premium, in addition to the classification working in as follows:

LEVEL D + \$.25 per hour - This is the lowest level of protection. No respirator is used and skin protection is minimal.



LEVEL C + \$.50 per hour - This level uses an air purifying respirator or additional protective clothing.

LEVEL B + \$.75 per hour - Uses same respirator protection as Level A. Supplied air line is provided in conjunction with a chemical "splash suit".

LEVEL A +\$1.00 per hour - This level utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line.

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 \* CARP0770-003 06/01/2019

WEST OF 120TH MERIDIAN FOR THE FOLLOWING COUNTIES:  
 CHELAN, DOUGLAS, GRANT, KITTITAS, OKANOGAN, and YAKIMA

	Rates	Fringes
CARPENTER		
CARPENTERS ON CREOSOTE		
MATERIAL.....	\$ 46.02	16.52
CARPENTERS.....	\$ 45.92	16.52
DIVERS TENDER.....	\$ 50.79	16.52
DIVERS.....	\$ 99.68	16.52
MILLWRIGHT AND MACHINE		
ERECTORS.....	\$ 47.42	16.52
PILEDRIIVER, DRIVING, PULLING, CUTTING, PLACING COLLARS, SETTING, WELDING OR CRESOTE TREATED		
MATERIAL, ALL PILING.....	\$ 46.17	16.52

(HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - ALL CLASSIFICATIONS EXCEPT MILLWRIGHTS AND PILEDRIIVERS

Hourly Zone Pay shall be paid on jobs located outside of the free zone computed from the city center of the following listed cities:

Seattle	Olympia	Bellingham
Auburn	Bremerton	Anacortes
Renton	Shelton	Yakima
Aberdeen-Hoquiam	Tacoma	Wenatchee
Ellensburg	Everett	Port Angeles
Centralia	Mount Vernon	Sunnyside
Chelan	Pt. Townsend	

Zone Pay:

0 -25 radius miles	Free
26-35 radius miles	\$1.00/hour
36-45 radius miles	\$1.15/hour
46-55 radius miles	\$1.35/hour
Over 55 radius miles	\$1.55/hour

(HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - MILLWRIGHT AND PILEDRIVER ONLY)

Hourly Zone Pay shall be computed from Seattle Union Hall, Tacoma City center, and Everett City center

Zone Pay:

0 -25 radius miles      Free  
 26-45 radius miles      \$ .70/hour  
 Over 45 radius miles    \$1.50/hour

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 \* ELEC0046-001 08/04/2019

CALLAM, JEFFERSON, KING AND KITSAP COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 59.91	3%+21.46
ELECTRICIAN.....	\$ 53.49	22.31

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 \* ELEC0048-003 01/01/2019

CLARK, KLICKITAT AND SKAMANIA COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 44.22	21.50
ELECTRICIAN.....	\$ 44.85	23.57

HOURLY ZONE PAY:

Hourly Zone Pay shall be paid on jobs located outside of the free zone computed from the city center of the following listed cities:

Portland, The Dalles, Hood River, Tillamook, Seaside and Astoria

Zone Pay:

Zone 1: 31-50 miles    \$1.50/hour  
 Zone 2: 51-70 miles    \$3.50/hour  
 Zone 3: 71-90 miles    \$5.50/hour  
 Zone 4: Beyond 90 miles    \$9.00/hour

\*These are not miles driven. Zones are based on Delornne Street Atlas USA 2006 plus.

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 ELEC0048-029 01/01/2019

COWLITZ AND WAHAKIAKUM COUNTY

	Rates	Fringes
CABLE SPLICER.....	\$ 44.22	21.50
ELECTRICIAN.....	\$ 44.85	23.57

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 ELEC0073-001 07/01/2019

ADAMS, FERRY, LINCOLN, PEND OREILLE, SPOKANE, STEVENS, WHITMAN  
 COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 34.10	16.68
ELECTRICIAN.....	\$ 36.05	19.18

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ELEC0076-002 08/31/2018

GRAYS HARBOR, LEWIS, MASON, PACIFIC, PIERCE, AND THURSTON  
 COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 48.06	23.23
ELECTRICIAN.....	\$ 43.69	23.10

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ELEC0112-005 06/01/2019

ASOTIN, BENTON, COLUMBIA, FRANKLIN, GARFIELD, KITTITAS, WALLA  
 WALLA, YAKIMA COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 48.35	21.13
ELECTRICIAN.....	\$ 46.05	21.06

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ELEC0191-003 06/01/2019

ISLAND, SAN JUAN, SNOHOMISH, SKAGIT AND WHATCOM COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 44.23	17.73
ELECTRICIAN.....	\$ 46.45	23.66

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ELEC0191-004 06/01/2018

CHELAN, DOUGLAS, GRANT AND OKANOGAN COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 40.82	17.63
ELECTRICIAN.....	\$ 42.45	21.34

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ENGI0302-003 06/01/2018

CHELAN (WEST OF THE 120TH MERIDIAN), CLALLAM, DOUGLAS (WEST OF THE 120TH MERIDIAN), GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, KITTITAS, MASON, OKANOGAN (WEST OF THE 120TH MERIDIAN), SAN JUNA, SKAGIT, SNOHOMISH, WHATCOM AND YAKIMA (WEST OF THE 120TH MERIDIAN) COUNTIES

Zone 1 (0-25 radius miles):

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
Group 1A.....	\$ 44.44	19.97
Group 1AA.....	\$ 45.09	19.97
Group 1AAA.....	\$ 45.73	19.97
Group 1.....	\$ 43.79	19.97
Group 2.....	\$ 43.23	19.97
Group 3.....	\$ 42.74	19.97
Group 4.....	\$ 40.01	19.97

Zone Differential (Add to Zone 1 rates):

Zone 2 (26-45 radius miles) - \$1.00

Zone 3 (Over 45 radius miles) - \$1.30

BASEPOINTS: Aberdeen, Bellingham, Bremerton, Everett, Kent, Mount Vernon, Port Angeles, Port Townsend, Seattle, Shelton, Wenatchee, Yakima

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1AAA - Cranes-over 300 tons, or 300 ft of boom (including jib with attachments)

GROUP 1AA - Cranes 200 to 300 tons, or 250 ft of boom (including jib with attachments); Tower crane over 175 ft in height, base to boom

GROUP 1A - Cranes, 100 tons thru 199 tons, or 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 100 tons and over; Tower crane up to 175 ft in height base to boom; Loaders-overhead, 8 yards and over; Shovels, excavator, backhoes-6 yards and over with attachments

GROUP 1 - Cableway; Cranes 45 tons thru 99 tons, under 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 45 tons thru 99 tons; Derricks on building work; Excavator, shovel, backhoes over 3 yards and under 6 yards; Hard tail end dump articulating off-road equipment 45 yards and over; Loader- overhead 6 yards to, but not including 8 yards; Mucking machine, mole, tunnel, drill and/or shield; Quad 9, HD 41, D-10; Remote control operator on rubber tired earth moving equipment; Rollagon; Scrapers-self propelled 45 yards and over; Slipform pavers; Transporters, all truck or track type

GROUP 2 - Barrier machine (zipper); Batch Plant Operaor-Concrete; Bump Cutter; Cranes, 20 tons thru 44 tons with attachments; Crane-overhead, bridge type-20 tons through 44 tons; Chipper; Concrete Pump-truck mount with boom attachment; Crusher; Deck Engineer/Deck Winches (power); Drilling machine; Excavator, shovel, backhoe-3yards and under; Finishing Machine, Bidwell, Gamaco and similar equipment; Guardrail punch; Horizontal/directional drill operator; Loaders-overhead under 6 yards; Loaders-plant feed; Locomotives-all; Mechanics-all; Mixers-asphalt plant; Motor patrol graders-finishing; Piledriver (other than crane mount); Roto-mill, roto-grinder; Screedman, spreader, topside operator-Blaw Knox, Cedar Rapids, Jaeger, Caterpillar, Barbar Green; Scraper-self propelled, hard tail end dump, articulating off-road equipment-under 45 yards; Subgrade trimmer; Tractors, backhoes-over 75 hp; Transfer material service machine-shuttle buggy, blaw knox-roadtec; Truck crane oiler/driver-100 tons and over; Truck Mount portable conveyor; Yo Yo Pay dozer

GROUP 3 - Conveyors; Cranes-thru 19 tons with attachments; A-frame crane over 10 tons; Drill oilers-auger type, truck or crane mount; Dozers-D-9 and under; Forklift-3000 lbs. and over with attachments; Horizontal/directional drill locator; Outside hoists-(elevators and manlifts), air tuggers, strato tower bucket elevators; Hydralifts/boom trucks over 10 tons; Loader-elevating type, belt; Motor patrol grader-nonfinishing; Plant oiler- asphalt, crusher; Pumps-concrete; Roller, plant mix or multi-lift materials; Saws-concrete; Scrpers-concrete and carry-all; Service engineer-equipment; Trenching machines; Truck Crane Oiler/Driver under 100 tons; Tractors, backhoe 75 hp and under

GROUP 4 - Assistant Engineer; Bobcat; Brooms; Compressor; Concrete finish mahine-laser screed; Cranes-A frame-10 tons and under; Elevator and Manlift-permanent or shaft type; Gradechecker, Stakehop; Forklifts under 3000 lbs. with attachments; Hydralifts/boom trucks, 10 tons and under; Oil distributors, blower distribution and mulch seeding operator; Pavement breaker; Posthole digger, mechanical; Power plant; Pumps, water; Rigger and Bellman; Roller-other than plant mix; Wheel Tractors, farmall type; Shotcrete/gunite equipment operator

## HANDLING OF HAZARDOUS WASTE MATERIALS:

Personnel in all craft classifications subject to working inside a federally designated hazardous perimeter shall be eligible for compensation in accordance with the following group schedule relative to the level of hazardous waste as outlined in the specific hazardous waste project site safety plan.

H-1 Base wage rate when on a hazardous waste site when not outfitted with protective clothing

H-2 Class "C" Suit - Base wage rate plus \$ .25 per hour.

H-3 Class "B" Suit - Base wage rate plus \$ .50 per hour.

H-4 Class "A" Suit - Base wage rate plus \$ .75 per hour.

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ENGI0370-002 06/01/2018

ADAMS, ASOTIN, BENTON, CHELAN (EAST OF THE 120TH MERIDIAN), COLUMBIA, DOUGLAS (EAST OF THE 120TH MERIDIAN), FERRY, FRANKLIN, GARFIELD, GRANT, LINCOLN, OKANOGAN (EAST OF THE 120TH MERIDIAN), PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN AND YAKIMA (EAST OF THE 120TH MERIDIAN) COUNTIES

## ZONE 1:

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1.....	\$ 27.51	15.95
GROUP 2.....	\$ 27.83	15.95
GROUP 3.....	\$ 28.44	15.95
GROUP 4.....	\$ 28.60	15.95
GROUP 5.....	\$ 28.76	15.95
GROUP 6.....	\$ 29.04	15.95
GROUP 7.....	\$ 29.31	15.95
GROUP 8.....	\$ 30.41	15.95

ZONE DIFFERENTIAL (Add to Zone 1 rate): Zone 2 - \$2.00

Zone 1: Within 45 mile radius of Spokane, Pasco, Washington; Lewiston, Idaho

Zone 2: Outside 45 mile radius of Spokane, Pasco, Washington; Lewiston, Idaho

## POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Bit Grinders; Bolt Threading Machine; Compressors (under 2000 CFM, gas, diesel, or electric power); Deck Hand; Fireman & Heater Tender; Hydro-seeder, Mulcher, Nozzleman; Oiler Driver, & Cable Tender, Mucking Machine; Pumpman; Rollers, all types on subgrade, including seal and chip coatings (farm type, Case, John Deere & similar, or Compacting Vibrator), except when pulled by Dozer with operable blade; Welding Machine; Crane Oiler-Driver (CLD required) & Cable Tender, Mucking Machine

GROUP 2: A-frame Truck (single drum); Assistant Refrigeration Plant (under 1000 ton); Assistant Plant Operator, Fireman or Pugmixer (asphalt); Bagley or Stationary Scraper; Belt Finishing Machine; Blower Operator (cement); Cement Hog; Compressor (2000 CFM or over, 2 or more, gas diesel or electric power); Concrete Saw (multiple cut); Distributor Leverman; Ditch Witch or similar; Elevator Hoisting Materials; Dope Pots (power agitated); Fork Lift or Lumber Stacker, hydra-lift & similar; Gin Trucks (pipeline); Hoist, single drum; Loaders (bucket elevators and conveyors); Longitudinal Float; Mixer (portable-concrete); Pavement Breaker, Hydra-Hammer & similar; Power Broom; Railroad Ballast Regulation Operator (self-propelled); Railroad Power Tamper Operator (self-propelled); Railroad Tamper Jack Operator (self-propelled); Spray Curing Machine (concrete); Spreader Box (self-propelled); Straddle Buggy (Ross & similar on construction job only); Tractor (Farm type R/T with attachment, except Backhoe); Tugger Operator

GROUP 3: A-frame Truck (2 or more drums); Assistant Refrigeration Plant & Chiller Operator (over 1000 ton); Backfillers (Cleveland & similar); Batch Plant & Wet Mix Operator, single unit (concrete); Belt-Crete Conveyors with power pack or similar; Belt Loader (Kocal or similar); Bending Machine; Bob Cat (Skid Steer); Boring Machine (earth); Boring Machine (rock under 8 inch bit) (Quarry Master, Joy or similar); Bump Cutter (Wayne, Saginaw or similar); Canal Lining Machine (concrete); Chipper (without crane); Cleaning & Doping Machine (pipeline); Deck Engineer; Elevating Belt-type Loader (Euclid, Barber Green & similar); Elevating Grader-type Loader (Dumor, Adams or similar); Generator Plant Engineers (diesel or electric); Gunnite Combination Mixer & Compressor; Locomotive Engineer; Mixermobile; Mucking Machine; Posthole Auger or Punch; Pump (grout or jet); Soil Stabilizer (P & H or similar); Spreader Machine; Dozer/Tractor (up to D-6 or equivalent) and Traxcavator; Traverse Finish Machine; Turnhead Operator

GROUP 4: Concrete Pumps (squeeze-crete, flow-crete, pump-crete, Whitman & similar); Curb Extruder (asphalt or concrete); Drills (churn, core, calyx or diamond); Equipment Serviceman; Greaser & Oiler; Hoist (2 or more drums or Tower Hoist); Loaders (overhead & front-end, under 4 yds. R/T); Refrigeration Plant Engineer (under 1000 ton); Rubber-tired Skidders (R/T with or without attachments); Surface Heater & Plant Machine; Trenching Machines (under 7 ft. depth capacity); Turnhead (with re-screening); Vacuum Drill (reverse circulation drill under 8 inch bit)

GROUP 5: Backhoe (under 45,000 gw); Backhoe & Hoe Ram (under 3/4 yd.); Carrydeck & Boom Truck (under 25 tons); Cranes (25 tons & under), all attachments including clamshell, dragline; Derricks & Stifflegs (under 65 tons); Drilling Equipment(8 inch bit & over) (Robbins, reverse circulation & similar); Hoe Ram; Piledriving Engineers; Paving (dual drum); Railroad Track Liner Operatr (self-propelled); Refrigeration Plant Engineer (1000 tons & over); Signalman (Whirleys, Highline Hammerheads or similar); Grade Checker

GROUP 6: Asphalt Plant Operator; Automatic Subgrader (Ditches & Trimmers)(Autograde, ABC, R.A. Hansen & similar on grade wire); Backhoe (45,000 gw and over to 110,000 gw); Backhoes & Hoe Ram (3/4 yd. to 3 yd.); Batch Plant (over 4 units); Batch & Wet Mix Operator (multiple units, 2 & incl. 4); Blade Operator (motor patrol & attachments); Cable Controller (dispatcher); Compactor (self-propelled with blade); Concrete Pump Boom Truck; Concrete Slip Form Paver; Cranes (over 25 tons, to and including 45 tons), all attachments including clamshell, dragline; Crusher, Grizzle & Screening Plant Operator; Dozer, 834 R/T & similar; Drill Doctor; Loader Operator (front-end & overhead, 4 yds. incl. 8 yds.); Multiple Dozer Units with single blade; Paving Machine (asphalt and concrete); Quad-Track or similar equipment; Rollerwoman (finishing asphalt pavement); Roto Mill (pavement grinder); Scrapers, all, rubber-tired; Screed Operator; Shovel(under 3 yds.); Trenching Machines (7 ft. depth & over); Tug Boat Operator Vactor guzzler, super sucker; Lime Batch Tank Operator (REcycle Train); Lime Brain Operator (Recycle Train); Mobile Crusher Operator (Recycle Train)



GROUP 7: Backhoe (over 110,000 gw); Backhoes & Hoe Ram (3 yds & over); Blade (finish & bluetop) Automatic, CMI, ABC, Finish Athey & Huber & similar when used as automatic; Cableway Operators; Concrete Cleaning/Decontamination machine operator; Cranes (over 45 tons to but not including 85 tons), all attachments including clamshell and dragline; Derricks & Stiffleys (65 tons & over); Elevating Belt (Holland type); Heavy equipment robotics operator; Loader (360 degrees revolving Koehring Scooper or similar); Loaders (overhead & front-end, over 8 yds. to 10 yds.); Rubber-tired Scrapers (multiple engine with three or more scrapers); Shovels (3 yds. & over); Whirleys & Hammerheads, ALL; H.D. Mechanic; H.D. Welder; Hydraulic Platform Trailers (Goldhofer, Shaurerly and Similar); Ultra High Pressure Waterjet Cutting Tool System Operator (30,000 psi); Vacuum Blasting Machine Operator

GROUP 8: Cranes (85 tons and over, and all climbing, overhead, rail and tower), all attachments including clamshell, dragline; Loaders (overhead and front-end, 10 yards and over); Helicopter Pilot

BOOM PAY: (All Cranes, Including Tower)  
 180 ft to 250 ft \$ .50 over scale  
 Over 250 ft \$ .80 over scale

NOTE:

In computing the length of the boom on Tower Cranes, they shall be measured from the base of the Tower to the point of the boom.

HAZMAT:

Anyone working on HAZMAT jobs, working with supplied air shall receive \$1.00 an hour above classification.

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 ENGI0612-001 09/28/2018

PIERCE County

ON PROJECTS DESCRIBED IN FOOTNOTE A BELOW, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS. ON ALL OTHER WORK, THE FOLLOWING RATES APPLY.

Zone 1 (0-25 radius miles):

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1A.....	\$ 44.44	19.97
GROUP 1AA.....	\$ 45.09	19.97
GROUP 1AAA.....	\$ 45.73	19.97
GROUP 1.....	\$ 43.79	19.97
GROUP 2.....	\$ 43.23	19.97
GROUP 3.....	\$ 42.74	19.97
GROUP 4.....	\$ 40.01	19.97

Zone Differential (Add to Zone 1 rates):

Zone 2 (26-45 radius miles) = \$1.00

Zone 3 (Over 45 radius miles) - \$1.30

BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA

#### POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1 AAA - Cranes-over 300 tons or 300 ft of boom  
(including jib with attachments)

GROUP 1AA - Cranes- 200 tons to 300 tons, or 250 ft of boom  
(including jib with attachments; Tower crane over 175 ft in  
height, base to boom)

GROUP 1A - Cranes, 100 tons thru 199 tons, or 150 ft of boom  
(including jib with attachments); Crane-overhead, bridge  
type, 100 tons and over; Tower crane up to 175 ft in height  
base to boom; Loaders-overhead, 8 yards and over; Shovels,  
excavator, backhoes-6 yards and over with attachments

GROUP 1 - Cableway; Cranes 45 tons thru 99 tons under 150 ft  
of boom (including jib with attachments); Crane-overhead,  
bridge type, 45 tons thru 99 tons; Derricks on building  
work; Excavator, shovel, backhoes over 3 yards and under 6  
yards; Hard tail end dump articulating off-road equipment  
45 yards and over; Loader- overhead, 6 yards to, but not  
including, 8 yards; Mucking machine, mole, tunnel, drill  
and/or shield; Quad 9 HD 41, D-10; Remote control operator  
on rubber tired earth moving equipment; Rollagon; Scrapers-  
self-propelled 45 yards and over; Slipform pavers;  
Transporters, all track or truck type

GROUP 2 - Barrier machine (zipper); Batch Plant Operator-  
concrete; Bump Cutter; Cranes, 20 tons thru 44 tons with  
attachments; Crane-Overhead, bridge type, 20 tons through  
44 tons; Chipper; Concrete pump-truck mount with boom  
attachment; Crusher; Deck engineer/deck winches (power);  
Drilling machine; Excavator, shovel, backhoe-3 yards and  
under; Finishing machine, Bidwell, Gamaco and similar  
equipment; Guardrail punch; Loaders, overhead under 6  
yards; Loaders-plant feed; Locomotives-all; Mechanics- all;  
Mixers, asphalt plant; Motor patrol graders, finishing;  
Piledriver (other than crane mount); Roto-mill, roto-  
grinder; Screedman, spreader, topside operator-Blaw Knox,  
Cedar Rapids, Jaeger, Caterpillar, Barbar Green;  
Scraper-self- propelled, hard tail end dump, articulating  
off-road equipment- under 45 yards; Subgrader trimmer;  
Tractors, backhoe over 75 hp; Transfer material service  
machine-shuttle buggy, Blaw Knox- Roadtec; Truck Crane  
oiler/driver-100 tons and over; Truck Mount Portable  
Conveyor; Yo Yo pay

GROUP 3 - Conveyors; Cranes through 19 tons with attachments; Crane-A-frame over 10 tons; Drill oilers-auger type, truck or crane mount; Dozer-D-9 and under; Forklift-3000 lbs. and over with attachments; Horizontal/directional drill locator; Outside Hoists-(elevators and manlifts), air tuggers, strato tower bucket elevators; Hydralifts/boom trucks over 10 tons; Loaders-elevating type, belt; Motor patrol grader-nonfinishing; Plant oiler- asphalt, crusher; Pump-Concrete; Roller, plant mix or multi-lfit materials; Saws-concrete; Scrapers, concrete and carry all; Service engineers-equipment; Trenching machines; Truck crane oiler/driver under 100 tons; Tractors, backhoe under 75 hp

GROUP 4 - Assistant Engineer; Bobcat; Brooms; Compressor; Concrete Finish Machine-laser screed; Cranes A-frame 10 tons and under; Elevator and manlift (permanent and shaft type); Forklifts-under 3000 lbs. with attachments; Gradechecker, stakehop; Hydralifts/boom trucks, 10 tons and under; Oil distributors, blower distribution and mulch seeding operator; Pavement breaker; Posthole digger-mechanical; Power plant; Pumps-water; Rigger and Bellman; Roller-other than plant mix; Wheel Tractors, farmall type; Shotcrete/gunite equipment operator

FOOTNOTE A- Reduced rates may be paid on the following:

1. Projects involving work on structures such as buildings and bridges whose total value is less than \$1.5 million excluding mechanical, electrical, and utility portions of the contract.
2. Projects of less than \$1 million where no building is involved. Surfacing and paving included, but utilities excluded.
3. Marine projects (docks, wharfs, etc.) less than \$150,000.

HANDLING OF HAZARDOUS WASTE MATERIALS: Personnel in all craft classifications subject to working inside a federally designated hazardous perimeter shall be eligible for compensation in accordance with the following group schedule relative to the level of hazardous waste as outlined in the specific hazardous waste project site safety plan.

H-1 Base wage rate when on a hazardous waste site when not outfitted with protective clothing, Class "D" Suit - Base wage rate plus \$ .50 per hour.

H-2 Class "C" Suit - Base wage rate plus \$1.00 per hour.

H-3 Class "B" Suit - Base wage rate plus \$1.50 per hour.

H-4 Class "A" Suit - Base wage rate plus \$2.00 per hour.

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ENGI0612-012 09/28/2018

LEWIS, PACIFIC (portion lying north of a parallel line extending west from the northern boundary of Wahkaikum County to the sea) AND THURSTON COUNTIES

ON PROJECTS DESCRIBED IN FOOTNOTE A BELOW, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS. ON ALL OTHER WORK, THE FOLLOWING RATES APPLY.

Zone 1 (0-25 radius miles):

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1A.....	\$ 44.44	19.97
GROUP 1AA.....	\$ 45.09	19.97
GROUP 1AAA.....	\$ 45.73	19.97
GROUP 1.....	\$ 43.79	19.97
GROUP 2.....	\$ 43.23	19.97
GROUP 3.....	\$ 42.74	19.97
GROUP 4.....	\$ 40.01	19.97

Zone Differential (Add to Zone 1 rates):

Zone 2 (26-45 radius miles) = \$1.00

Zone 3 (Over 45 radius miles) - \$1.30

BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA

#### POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1 AAA - Cranes-over 300 tons or 300 ft of boom  
(including jib with attachments)

GROUP 1AA - Cranes- 200 tonsto 300 tons, or 250 ft of boom  
(including jib with attachments; Tower crane over 175 ft in height, bas to boom

GROUP 1A - Cranes, 100 tons thru 199 tons, or 150 ft of boom  
(including jib with attachments); Crane-overhead, bridge type, 100 tons and over; Tower crane up to 175 ft in height base to boom; Loaders-overhead, 8 yards and over; Shovels, excavator, backhoes-6 yards and over with attachments

GROUP 1 - Cableway; Cranes 45 tons thru 99 tons under 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 45 tons thru 99 tons; Derricks on building work; Excavator, shovel, backhoes over 3 yards and under 6 yards; Hard tail end dump articulating off-road equipment 45 yards and over; Loader- overhead, 6 yards to, but not including, 8 yards; Mucking machine, mole, tunnel, drill and/or shield; Quad 9 HD 41, D-10; Remote control operator on rubber tired earth moving equipment; Rollagon; Scrapers-self-propelled 45 yards and over; Slipform pavers; Transporters, all track or truck type

GROUP 2 - Barrier machine (zipper); Batch Plant Operator-concrete; Bump Cutter; Cranes, 20 tons thru 44 tons with attachments; Crane-Overhead, bridge type, 20 tons through 44 tons; Chipper; Concrete pump-truck mount with boom attachment; Crusher; Deck engineer/deck winches (power); Drilling machine; Excavator, shovel, backhoe-3 yards and under; Finishing machine, Bidwell, Gamaco and similar equipment; Guardrail punch; Loaders, overhead under 6 yards; Loaders-plant feed; Locomotives-all; Mechanics- all; Mixers, asphalt plant; Motor patrol graders, finishing; Piledriver (other than crane mount); Roto-mill, roto-grinder; Screedman, spreader, topside operator-Blaw Knox, Cedar Rapids, Jaeger, Caterpillar, Barbar Green; Scraper-self- propelled, hard tail end dump, articulating off-road equipment- under 45 yards; Subgrader trimmer; Tractors, backhoe over 75 hp; Transfer material service machine-shuttle buggy, Blaw Knox- Roadtec; Truck Crane oiler/driver-100 tons and over; Truck Mount Portable Conveyor; Yo Yo pay

GROUP 3 - Conveyors; Cranes through 19 tons with attachments; Crane-A-frame over 10 tons; Drill oilers-auger type, truck or crane mount; Dozer-D-9 and under; Forklift-3000 lbs. and over with attachments; Horizontal/directional drill locator; Outside Hoists-(elevators and manlifts), air tuggers, strato tower bucket elevators; Hydralifts/boom trucks over 10 tons; Loaders-elevating type, belt; Motor patrol grader-nonfinishing; Plant oiler- asphalt, crusher; Pump-Concrete; Roller, plant mix or multi-lfit materials; Saws-concrete; Scrapers, concrete and carry all; Service engineers-equipment; Trenching machines; Truck crane oiler/driver under 100 tons; Tractors, backhoe under 75 hp

GROUP 4 - Assistant Engineer; Bobcat; Brooms; Compressor; Concrete Finish Machine-laser screed; Cranes A-frame 10 tons and under; Elevator and manlift (permanent and shaft type); Forklifts-under 3000 lbs. with attachments; Gradechecker, stakehop; Hydralifts/boom trucks, 10 tons and under; Oil distributors, blower distribution and mulch seeding operator; Pavement breaker; Posthole digger-mechanical; Power plant; Pumps-water; Rigger and Bellman; Roller-other than plant mix; Wheel Tractors, farmall type; Shotcrete/gunite equipment operator

FOOTNOTE A- Reduced rates may be paid on the following:

1. Projects involving work on structures such as buildings and bridges whose total value is less than \$1.5 million excluding mechanical, electrical, and utility portions of the contract.
2. Projects of less than \$1 million where no building is involved. Surfacing and paving included, but utilities excluded.
3. Marine projects (docks, wharfs, etc.) less than \$150,000.

HANDLING OF HAZARDOUS WASTE MATERIALS: Personnel in all craft classifications subject to working inside a federally designated hazardous perimeter shall be eligible for compensation in accordance with the following group schedule relative to the level of hazardous waste as outlined in the specific hazardous waste project site safety plan.

H-1 Base wage rate when on a hazardous waste site when not outfitted with protective clothing, Class "D" Suit - Base wage rate plus \$ .50 per hour.

H-2 Class "C" Suit - Base wage rate plus \$1.00 per hour.

H-3 Class "B" Suit - Base wage rate plus \$1.50 per hour.

H-4 Class "A" Suit - Base wage rate plus \$2.00 per hour.

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 ENGI0701-002 01/01/2018

CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH), SKAMANIA, AND WAHKIAKUM COUNTIES

POWER RQUIPMENT OPERATORS: ZONE 1

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1.....	\$ 41.65	14.35
GROUP 1A.....	\$ 43.73	14.35
GROUP 1B.....	\$ 45.82	14.35
GROUP 2.....	\$ 39.74	14.35
GROUP 3.....	\$ 38.59	14.35
GROUP 4.....	\$ 37.51	14.35
GROUP 5.....	\$ 36.27	14.35
GROUP 6.....	\$ 33.05	14.35

Zone Differential (add to Zone 1 rates):

Zone 2 - \$3.00

Zone 3 - \$6.00

For the following metropolitan counties: MULTNOMAH; CLACKAMAS; MARION; WASHINGTON; YAMHILL; AND COLUMBIA; CLARK; AND COWLITZ COUNTY, WASHINGTON WITH MODIFICATIONS AS INDICATED:

All jobs or projects located in Multnomah, Clackamas and Marion Counties, West of the western boundary of Mt. Hood National Forest and West of Mile Post 30 on Interstate 84 and West of Mile Post 30 on State Highway 26 and West of Mile Post 30 on Highway 22 and all jobs or projects located in Yamhill County, Washington County and Columbia County and all jobs or porjects located in Clark & Cowlitz County, Washington except that portion of Cowlitz County in the Mt. St. Helens "Blast Zone" shall receive Zone I pay for all classifications.

All jobs or projects located in the area outside the identified boundary above, but less than 50 miles from the Portland City Hall shall receive Zone II pay for all classifications.

All jobs or projects located more than 50 miles from the Portland City Hall, but outside the identified border above, shall receive Zone III pay for all classifications.

For the following cities: ALBANY; BEND; COOS BAY; EUGENE; GRANTS PASS; KLAMATH FALLS; MEDFORD; ROSEBURG

All jobs or projects located within 30 miles of the respective city hall of the above mentioned cities shall receive Zone I pay for all classifications.

All jobs or projects located more than 30 miles and less than 50 miles from the respective city hall of the above mentioned cities shall receive Zone II pay for all classifications.

All jobs or projects located more than 50 miles from the respective city hall of the above mentioned cities shall receive Zone III pay for all classifications.

#### POWER EQUIPMENT OPERATORS CLASSIFICATIONS

##### Group 1

Concrete Batch Plan and or Wet mix three (3) units or more; Crane, Floating one hundred and fifty (150) ton but less than two hundred and fifty (250) ton; Crane, two hundred (200) ton through two hundred ninety nine (299) ton with two hundred foot (200') boom or less (including jib, inserts and/or attachments); Crane, ninety (90) ton through one hundred ninety nine (199) ton with over two hundred (200') boom Including jib, inserts and/or attachments); Crane, Tower Crane with one hundred seventy five foot (175') tower or less and with less than two hundred foot (200') jib; Crane, Whirley ninety (90) ton and over; Helicopter when used in erecting work

##### Group 1A

Crane, floating two hundred fifty (250) ton and over; Crane, two hundred (200) ton through two hundred ninety nine (299) ton, with over two hundred foot (200') boom (including jib, inserts and/or attachments); Crane, three hundred (300) ton through three hundred ninety nine (399) ton; Crane, Tower Crane with over one hundred seventy five foot (175') tower or over two hundred foot (200') jib; Crane, tower Crane on rail system or 2nd tower or more in work radius

## Group 1B

Crane, three hundred (300) ton through three hundred ninety nine (399) ton, with over two hundred foot (200') boom (including jib, inserts and/or attachments); Floating crane, three hundred fifty (350) ton and over; Crane, four hundred (400) ton and over

## Group 2

Asphalt Plant (any type); Asphalt Roto-Mill, pavement profiler eight foot (8') lateral cut and over; Auto Grader or "Trimmer"; Blade, Robotic; Bulldozer, Robotic Equipment (any type); Bulldozer, over one hundred twenty thousand (120,000) lbs. and above; Concrete Batch Plant and/or Wet Mix one (1) and two (2) drum; Concrete Diamond Head Profiler; Canal Trimmer; Concrete, Automatic Slip Form Paver (Assistant to the Operator required); Crane, Boom Truck fifty (50) ton and with over one hundred fifty foot (150') boom and over; Crane, Floating (derrick barge) thirty (30) ton but less than one hundred fifty (150) ton; Crane, Cableway twenty-five (25) ton and over; Crane, Floating Clamshell three (3) cu. Yds. And over; Crane, ninety (90) ton through one hundred ninety nine (199) ton up to and including two hundred foot (200') of boom (including jib inserts and/or attachments); Crane, fifty (50) ton through eighty nine (89) ton with over one hundred fifty foot (150') boom (including jib inserts and/or attachments); Crane, Whirley under ninety (90) ton; Crusher Plant; Excavator over one hundred thirty thousand (130,000) lbs.; Loader one hundred twenty thousand (120,000) lbs. and above; Remote Controlled Earth Moving Equipment; Shovel, Dragline, Clamshell, five (5) cu. Yds. And over; Underwater Equipment remote or otherwise, when used in construction work; Wheel Excavator any size

## Group 3

Bulldozer, over seventy thousand (70,000) lbs. up to and including one hundred twenty thousand (120,000) lbs.; Crane, Boom Truck fifty (50) ton and over with less than one hundred fifty foot (150') boom; Crane, fifty (50) ton through eighty nine (89) ton with one hundred fifty foot (150') boom or less (including jib inserts and/or attachments); Crane, Shovel, Dragline or Clamshell three (3) cu. yds. but less than five (5) cu. Yds.; Excavator over eighty thousand (80,000) lbs. through one hundred thirty thousand (130,000) lbs.; Loader sixty thousand (60,000) lbs. and less than one hundred twenty thousand (120,000) lbs.



## Group 4

Asphalt, Screed; Asphalt Paver; Asphalt Roto-Mill, pavement profiler, under eight foot (8') lateral cut; Asphalt, Material Transfer Vehicle Operator; Back Filling Machine; Backhoe, Robotic, track and wheel type up to and including twenty thousand (20,000) lbs. with any attachments; Blade (any type); Boatman; Boring Machine; Bulldozer over twenty thousand (20,000) lbs. and more than one hundred (100) horse up to seventy thousand (70,000) lbs.; Cable-Plow (any type); Cableway up to twenty five (25) ton; Cat Drill (John Henry); Chippers; Compactor, multi-engine; Compactor, Robotic; Compactor with blade self-propelled; Concrete, Breaker; Concrete, Grout Plant; Concrete, Mixer Mobile; Concrete, Paving Road Mixer; Concrete, Reinforced Tank Banding Machine; Crane, Boom Truck twenty (20) ton and under fifty (50) ton; Crane, Bridge Locomotive, Gantry and Overhead; Crane, Carry Deck; Crane, Chicago Boom and similar types; Crane, Derrick Operator, under one hundred (100) ton; Crane, Floating Clamshell, Dragline, etc. Operator, under three (3) cu. yds. Or less than thirty (30) ton; Crane, under fifty (50) ton; Crane, Quick Tower under one hundred foot (100') in height and less than one hundred fifty foot (150') jib (on rail included); Diesel-Electric Engineer (Plant or Floating); Directional Drill over twenty thousand (20,000) lbs. pullback; Drill Cat Operator; Drill Doctor and/or Bit Grinder; Driller, Percussion, Diamond, Core, Cable, Rotary and similar type; Excavator Operator over twenty thousand (20,000) lbs. through eighty thousand (80,000) lbs.; Generator Operator; Grade-all; Guardrail Machines, i.e. punch, auger, etc.; Hammer Operator (Piledriver); Hoist, stiff leg, guy derrick or similar type, fifty (50) ton and over; Hoist, two (2) drums or more; Hydro Axe (loader mounted or similar type); Jack Operator, Elevating Barges, Barge Operator, self-unloading; Loader Operator, front end and overhead, twenty five thousand (25,000) lbs. and less than sixty thousand (60,000) lbs.; Log Skidders; Piledriver Operator (not crane type); Pipe, Bending, Cleaning, Doping and Wrapping Machines; Rail, Ballast Tamper Multi-Purpose; Rubber-tired Dozers and Pushers; Scraper, all types; Side-Boom; Skip Loader, Drag Box; Strump Grinder (loader mounted or similar type); Surface Heater and Planer; Tractor, rubber-tired, over fifty (50) HP Flywheel; Trenching Machine three foot (3') depth and deeper; Tub Grinder (used for wood debris); Tunnel Boring Machine Mechanic; Tunnel, Mucking Machine; Ultra High Pressure Water Jet Cutting Tool System Operator; Vacuum Blasting Machine Operator; Water pulls, Water wagons

## Group 5

Asphalt, Extrusion Machine; Asphalt, Roller (any asphalt mix); Asphalt, Roto-Mill pavement profiler ground man; Bulldozer, twenty thousand (20,000) lbs. or less, or one hundred (100) horse or less; Cement Pump; Chip Spreading Machine; Churn Drill and Earth Boring Machine; Compactor, self-propelled without blade; Compressor, (any power) one thousand two hundred fifty (1,250) cu. ft. and over, total capacity; Concrete, Batch Plant Quality control; Concrete, Combination Mixer and compressor operator, gunite work; Concrete, Curb Machine, Mechanical Berm, Curb and/or Curb and Gutter; Concrete, Finishing Machine; Concrete, Grouting Machine; Concrete, Internal Full Slab Vibrator Operator; Concrete, Joint Machine; Concrete, Mixer single drum, any capacity; Concrete, Paving Machine eight foot (8') or less; Concrete, Planer; Concrete, Pump; Concrete, Pump Truck; Concrete, Pumpcrete Operator (any type); Concrete, Slip Form Pumps, power driven hydraulic lifting device for concrete forms; Conveyored Material Hauler; Crane, Boom Truck under twenty (20) tons; Crane, Boom Type lifting device, five (5) ton capacity or less; Drill, Directional type less than twenty thousand (20,000) lbs. pullback; Fork Lift, over ten (10) ton or Robotic; Helicopter Hoist; Hoist Operator, single drum; Hydraulic Backhoe track type up to and including twenty thousand (20,000) lbs.; Hydraulic Backhoe wheel type (any make); Laser Screed; Loaders, rubber-tired type, less than twenty five thousand (25,000) lbs.; Pavement Grinder and/or Grooving Machine (riding type); Pipe, cast in place Pipe Laying Machine; Pulva-Mixer or similar types; Pump Operator, more than five (5) pumps (any size); Rail, Ballast Compactor, Regulator, or Tamper machines; Service Oiler (Greaser); Sweeper Self-Propelled; Tractor, Rubber-Tired, fifty (50) HP flywheel and under; Trenching Machine Operator, maximum digging capacity three foot (3') depth; Tunnel, Locomotive, Dinkey; Tunnel, Power Jumbo setting slip forms, etc.

## Group 6

Asphalt, Pugmill (any type); Asphalt, Raker; Asphalt, Truck Mounted Asphalt Spreader, with Screed; Auger Oiler; Boatman; Bobcat, skid steer (less than one (1) yard); Broom, self-propelled; Compressor Operator (any power) under 1,250 cu. ft. total capacity; Concrete Curing Machine (riding type); Concrete Saw; Conveyor Operator or Assistant; Crane, Tugger; Crusher Feederman; Crusher Oiler; Deckhand; Drill, Directional Locator; Fork Lift; Grade Checker; Guardrail Punch Oiler; Hydrographic Seeder Machine, straw, pulp or seed; Hydrostatic Pump Operator; Mixer Box (CTB, dry batch, etc.); Oiler; Plant Oiler; Pump (any power); Rail, Brakeman, Switchman, Motorman; Rail, Tamping Machine, mechanical, self-propelled; Rigger; Roller grading (not asphalt); Truck, Crane Oiler-Driver

\* IRON0014-005 07/01/2019

ADAMS, ASOTIN, BENTON, COLUMBIA, DOUGLAS, FERRY, FRANKLIN,  
GARFIELD, GRANT, LINCOLN, OKANOGAN, PEND ORIELLE, SPOKANE,  
STEVENS, WALLA WALLA AND WHITMAN COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 33.59	29.26

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IRON0029-002 05/01/2018

CLARK, COWLITZ, KLUCKITAT, PACIFIC, SKAMANIA, AND WAHKAIKUM  
COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 37.00	27.87

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\* IRON0086-002 07/01/2019

YAKIMA, KITTITAS AND CHELAN COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 33.59	29.26

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\* IRON0086-004 07/01/2019

CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS,  
MASON, PIERCE, SKAGIT, SNOHOMISH, THURSTON, AND WHATCOM COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 42.35	29.56

LABO0238-004 06/01/2019

PASCO AREA: ADAMS, BENTON, COLUMBIA, DOUGLAS (East of 120th Meridian), FERRY, FRANKLIN, GRANT, OKANOGAN, WALLA WALLA

SPOKANE AREA: ASOTIN, GARFIELD, LINCOLN, PEND OREILLE, SPOKANE, STEVENS & WHITMAN COUNTIES

	Rates	Fringes
LABORER (PASCO)		
GROUP 1.....	\$ 25.84	13.00
GROUP 2.....	\$ 27.94	13.00
GROUP 3.....	\$ 28.21	13.00
GROUP 4.....	\$ 28.48	13.00
GROUP 5.....	\$ 28.76	13.00
LABORER (SPOKANE)		
GROUP 1.....	\$ 25.84	13.00
GROUP 2.....	\$ 27.94	13.00
GROUP 3.....	\$ 28.21	13.00
GROUP 4.....	\$ 28.48	13.00
GROUP 5.....	\$ 28.76	13.00

Zone Differential (Add to Zone 1 rate): \$2.00

BASE POINTS: Spokane, Pasco, Lewiston

Zone 1: 0-45 radius miles from the main post office.  
 Zone 2: 45 radius miles and over from the main post office.

LABORERS CLASSIFICATIONS

GROUP 1: Flagman; Landscape Laborer; Scaleman; Traffic Control Maintenance Laborer (to include erection and maintenance of barricades, signs and relief of flagperson); Window Washer/Cleaner (detail cleanup, such as, but not limited to cleaning floors, ceilings, walls, windows, etc. prior to final acceptance by the owner)

GROUP 2: Asbestos Abatement Worker; Brush Hog Feeder; Carpenter Tender; Cement Handler; Clean-up Laborer; Concrete Crewman (to include stripping of forms, hand operating jacks on slip form construction, application of concrete curing compounds, pumpcrete machine, signaling, handling the nozzle of squeezecrete or similar machine, 6 inches and smaller); Confined Space Attendant; Concrete Signalman; Crusher Feeder; Demolition (to include clean-up, burning, loading, wrecking and salvage of all material); Dumpman; Fence Erector; Firewatch; Form Cleaning Machine Feeder, Stacker; General Laborer; Grout Machine Header Tender; Guard Rail (to include guard rails, guide and reference posts, sign posts, and right-of-way markers); Hazardous Waste Worker, Level D (no respirator is used and skin protection is minimal); Miner, Class "A" (to include

all bull gang, concrete crewman, dumpman and pumpcrete crewman, including distributing pipe, assembly & dismantle, and nipper); Nipper; Riprap Man; Sandblast Tailhoseman; Scaffold Erector (wood or steel); Stake Jumper; Structural Mover (to include separating foundation, preparation, cribbing, shoring, jacking and unloading of structures); Tailhoseman (water nozzle); Timber Bucker and Faller (by hand); Track Laborer (RR); Truck Loader; Well-Point Man; All Other Work Classifications Not Specially Listed Shall Be Classified As General Laborer

GROUP 3: Asphalt Roller, walking; Cement Finisher Tender; Concrete Saw, walking; Demolition Torch; Dope Pot Firemen, non-mechanical; Driller Tender (when required to move and position machine); Form Setter, Paving; Grade Checker using level; Hazardous Waste Worker, Level C (uses a chemical "splash suit" and air purifying respirator); Jackhammer Operator; Miner, Class "B" (to include brakeman, finisher, vibrator, form setter); Nozzleman (to include squeeze and flo-crete nozzle); Nozzleman, water, air or steam; Pavement Breaker (under 90 lbs.); Pipelayer, corrugated metal culvert; Pipelayer, multi-plate; Pot Tender; Power Buggy Operator; Power Tool Operator, gas, electric, pneumatic; Railroad Equipment, power driven, except dual mobile power spiker or puller; Railroad Power Spiker or Puller, dual mobile; Rodder and Spreader; Tamper (to include operation of Barco, Essex and similar tampers); Trencher, Shawnee; Tugger Operator; Wagon Drills; Water Pipe Liner; Wheelbarrow (power driven)

GROUP 4: Air and Hydraulic Track Drill; Asphalt Raker; Brush Machine (to include horizontal construction joint cleanup brush machine, power propelled); Caisson Worker, free air; Chain Saw Operator and Faller; Concrete Stack (to include laborers when laborers working on free standing concrete stacks for smoke or fume control above 40 feet high); Guniting (to include operation of machine and nozzle); Hazardous Waste Worker, Level B (uses same respirator protection as Level A. A supplied air line is provided in conjunction with a chemical "splash suit"); High Scaler; Laser Beam Operator (to include grade checker and elevation control); Miner, Class C (to include miner, nozzleman for concrete, laser beam operator and rigger on tunnels); Monitor Operator (air track or similar mounting); Mortar Mixer; Nozzleman (to include jet blasting nozzleman, over 1,200 lbs., jet blast machine power propelled, sandblast nozzle); Pavement Breaker (90 lbs. and over); Pipelayer (to include working topman, caulker, collarman, jointer, mortarman, rigger, jacker, shorer, valve or meter installer); Pipewrapper; Plasterer Tender; Vibrators (all)

GROUP 5 - Drills with Dual Masts; Hazardous Waste Worker, Level A (utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line); Miner Class "D", (to include raise and shaft miner, laser beam operator on riases and shafts)

LABO0238-006 06/01/2019

COUNTIES EAST OF THE 120TH MERIDIAN: ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT, LINCOLN, OKANOGAN, PEND OREILLE, STEVENS, SPOKANE, WALLA WALLA, WHITMAN

	Rates	Fringes
Hod Carrier.....	\$ 27.95	12.90

LABO0242-003 06/01/2019

KING COUNTY

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 27.10	11.94
GROUP 2A.....	\$ 31.03	11.94
GROUP 3.....	\$ 38.78	11.94
GROUP 4.....	\$ 39.72	11.94
GROUP 5.....	\$ 40.36	11.94
Group 6.....	\$ 40.36	12.04

BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT, TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT. TOWNSEND, PT. ANGELES, AND BREMERTON

- ZONE 1 - Projects within 25 radius miles of the respective city hall
- ZONE 2 - More than 25 but less than 45 radius miles from the respective city hall
- ZONE 3 - More than 45 radius miles from the respective city hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):  
 ZONE 2 - \$1.00  
 ZONE 3 - \$1.30

BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA

- ZONE 1 - Projects within 25 radius miles of the respective city hall
- ZONE 2 - More than 25 radius miles from the respective city hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):  
 ZONE 2 - \$2.25

## LABORERS CLASSIFICATIONS

GROUP 1: Landscaping and Planting; Watchman; Window Washer/Cleaner (detail clean-up, such as but not limited to cleaning floors, ceilings, walls, windows, etc., prior to final acceptance by the owner)

GROUP 2A: Batch Weighman; Crusher Feeder; Fence Laborer; Flagman; Pilot Car

GROUP 3: General Laborer; Air, Gas, or Electric Vibrating Screed; Asbestos Abatement Laborer; Ballast Regulator Machine; Brush Cutter; Brush Hog Feeder; Burner; Carpenter Tender; Cement Finisher Tender; Change House or Dry Shack; Chipping Gun (under 30 lbs.); Choker Setter; Chuck Tender; Clean-up Laborer; Concrete Form Stripper; Curing Laborer; Demolition (wrecking and moving including charred material); Ditch Digger; Dump Person; Fine Graders; Firewatch; Form Setter; Gabian Basket Builders; Grout Machine Tender; Grinders; Guardrail Erector; Hazardous Waste Worker (Level C: uses a chemical "splash suit" and air purifying respirator); Maintenance Person; Material Yard Person; Pot Tender; Rip Rap Person; Riggers; Scale Person; Sloper Sprayer; Signal Person; Stock Piler; Stake Hopper; Toolroom Man (at job site); Topper-Tailer; Track Laborer; Truck Spotter; Vinyl Seamer

GROUP 4: Cement Dumper-Paving; Chipping Gun (over 30 lbs.); Clary Power Spreader; Concrete Dumper/Chute Operator; Concrete Saw Operator; Drill Operator (hydraulic, diamond, aiartrac); Faller and Bucker Chain Saw; Grade Checker and Transit Person; Groutmen (pressure) including post tension beams; Hazardous Waste Worker (Level B: uses same respirator protection as Level A. A supplied air line is provided in conjunction with a chemical "splash suit"); High Scaler; Jackhammer; Laserbeam Operator; Manhole Builder-Mudman; Nozzleman (concrete pump, green cutter when using combination of high pressure air and water on concrete and rock, sandblast, gunite, shotcrete, water blaster, vacuum blaster); Pavement Breaker; Pipe Layer and Caulker; Pipe Pot Tender; Pipe Reliner (not insert type); Pipe Wrapper; Power Jacks; Railroad Spike Puller-Power; Raker-Asphalt; Rivet Buster; Rodder; Sloper (over 20 ft); Spreader (concrete); Tamper and Similar electric, air and glas operated tool; Timber Person-sewer (lagger shorer and cribber); Track Liner Power; Tugger Operator; Vibrator; Well Point Laborer

GROUP 5: Caisson Worker; Mortarman and Hodcarrier; Powderman; Re-Timberman; Hazardous Waste Worker (Level A: utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line).

Group 6: Miner

LABO0252-010 06/01/2019

CLALLAM, GRAYS HARBOR, JEFFERSON, KITSAP, LEWIS, MASON, PACIFIC  
(EXCLUDING SOUTHWEST), PIERCE, AND THURSTON COUNTIES

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 27.10	11.94
GROUP 2.....	\$ 31.03	11.94
GROUP 3.....	\$ 38.78	11.94
GROUP 4.....	\$ 39.72	11.94
GROUP 5.....	\$ 40.36	11.94

BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT,  
TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT.  
TOWNSEND, PT. ANGELES, AND BREMERTON

ZONE 1 - Projects within 25 radius miles of the respective  
city hall  
ZONE 2 - More than 25 but less than 45 radius miles from the  
respective city hall  
ZONE 3 - More than 45 radius miles from the respective city  
hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):

ZONE 2 - \$1.00

ZONE 3 - \$1.30

BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA

ZONE 1 - Projects within 25 radius miles of the respective  
city hall  
ZONE 2 - More than 25 radius miles from the respective city  
hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):

ZONE 2 - \$2.25

LABORERS CLASSIFICATIONS

GROUP 1: Landscaping and Planting; Watchman; Window  
Washer/Cleaner (detail clean-up, such as but not limited to  
cleaning floors, ceilings, walls, windows, etc., prior to  
final acceptance by the owner)

GROUP 2: Batch Weighman; Crusher Feeder; Fence Laborer;  
Flagman; Pilot Car



GROUP 3: General Laborer; Air, Gas, or Electric Vibrating Screed; Asbestos Abatement Laborer; Ballast Regulator Machine; Brush Cutter; Brush Hog Feeder; Burner; Carpenter Tender; Cement Finisher Tender; Change House or Dry Shack; Chipping Gun (under 30 lbs.); Choker Setter; Chuck Tender; Clean-up Laborer; Concrete Form Stripper; Curing Laborer; Demolition (wrecking and moving including charred material); Ditch Digger; Dump Person; Fine Graders; Firewatch; Form Setter; Gabian Basket Builders; Grout Machine Tender; Grinders; Guardrail Erector; Hazardous Waste Worker (Level C: uses a chemical "splash suit" and air purifying respirator); Maintenance Person; Material Yard Person; Pot Tender; Rip Rap Person; Riggers; Scale Person; Sloper Sprayer; Signal Person; Stock Piler; Stake Hopper; Toolroom Man (at job site); Topper-Tailer; Track Laborer; Truck Spotter; Vinyl Seamer

GROUP 4: Cement Dumper-Paving; Chipping Gun (over 30 lbs.); Clary Power Spreader; Concrete Dumper/Chute Operator; Concrete Saw Operator; Drill Operator (hydraulic, diamond, aiartrac); Faller and Bucker Chain Saw; Groutmen (pressure) including post tension beams; Hazardous Waste Worker (Level B: uses same respirator protection as Level A. A supplied air line is provided in conjunction with a chemical "splash suit"); Jackhammer; Laserbeam Operator; Manhole Builder-Mudman; Nozzleman (concrete pump, green cutter when using combination of high pressure air and water on concrete and rock, sandblast, gunite, shotcrete, water blaster, vacuum blaster); Pavement Breaker; Pipe Layer and Caulker; Pipe Pot Tender; Pipe Reliner (not insert type); Pipe Wrapper; Power Jacks; Railroad Spike Puller-Power; Raker-Asphalt; Rivet Buster; Rodder; Sloper (over 20 ft); Spreader (concrete); Tamper and Similar electric, air and glas operated tool; Timber Person-sewer (lagger shorer and cribber); Track Liner Power; Tugger Operator; Vibrator; Well Point Laborer

GROUP 5: Caisson Worker; Miner; Mortarman and Hodcarrier; Grade Checker and Transit Person; High Scaler; Powderman; Re-Timberman; Hazardous Waste Worker (Level A: utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line).

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LABO0292-008 06/01/2019

ISLAND, SAN JUAN, SKAGIT, SNOHOMISH, AND WHATCOM COUNTIES

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 27.10	11.94
GROUP 2.....	\$ 31.03	11.94
GROUP 3.....	\$ 38.78	11.94
GROUP 4.....	\$ 39.72	11.94
GROUP 5.....	\$ 40.36	11.94

BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT,  
TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT.  
TOWNSEND, PT. ANGELES, AND BREMERTON

ZONE 1 - Projects within 25 radius miles of the respective  
city hall

ZONE 2 - More than 25 but less than 45 radius miles from the  
respective city hall

ZONE 3 - More than 45 radius miles from the respective city  
hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):

ZONE 2 - \$1.00

ZONE 3 - \$1.30

BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA

ZONE 1 - Projects within 25 radius miles of the respective  
city hall

ZONE 2 - More than 25 radius miles from the respective city  
hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):

ZONE 2 - \$2.25

LABORERS CLASSIFICATIONS

GROUP 1: Landscaping and Planting; Watchman; Window  
Washer/Cleaner (detail clean-up, such as but not limited to  
cleaning floors, ceilings, walls, windows, etc., prior to  
final acceptance by the owner)

GROUP 2: Batch Weighman; Crusher Feeder; Fence Laborer;  
Flagman; Pilot Car

GROUP 3: General Laborer; Air, Gas, or Electric Vibrating Screed; Asbestos Abatement Laborer; Ballast Regulator Machine; Brush Cutter; Brush Hog Feeder; Burner; Carpenter Tender; Cement Finisher Tender; Change House or Dry Shack; Chipping Gun (under 30 lbs.); Choker Setter; Chuck Tender; Clean-up Laborer; Concrete Form Stripper; Curing Laborer; Demolition (wrecking and moving including charred material); Ditch Digger; Dump Person; Fine Graders; Firewatch; Form Setter; Gabian Basket Builders; Grout Machine Tender; Grinders; Guardrail Erector; Hazardous Waste Worker (Level C: uses a chemical "splash suit" and air purifying respirator); Maintenance Person; Material Yard Person; Pot Tender; Rip Rap Person; Riggers; Scale Person; Sloper Sprayer; Signal Person; Stock Piler; Stake Hopper; Toolroom Man (at job site); Topper-Tailer; Track Laborer; Truck Spotter; Vinyl Seamer

GROUP 4: Cement Dumper-Paving; Chipping Gun (over 30 lbs.); Clary Power Spreader; Concrete Dumper/Chute Operator; Concrete Saw Operator; Drill Operator (hydraulic, diamond, aiartrac); Faller and Bucker Chain Saw; Grade Checker and Transit Person; Groutmen (pressure) including post tension beams; Hazardous Waste Worker (Level B: uses same respirator protection as Level A. A supplied air line is provided in conjunction with a chemical "splash suit"); High Scaler; Jackhammer; Laserbeam Operator; Manhole Builder-Mudman; Nozzleman (concrete pump, green cutter when using combination of high pressure air and water on concrete and rock, sandblast, gunite, shotcrete, water blaster, vacuum blaster); Pavement Breaker; Pipe Layer and Caulker; Pipe Pot Tender; Pipe Reliner (not insert type); Pipe Wrapper; Power Jacks; Railroad Spike Puller-Power; Raker-Asphalt; Rivet Buster; Rodder; Sloper (over 20 ft); Spreader (concrete); Tamper and Similar electric, air and glas operated tool; Timber Person-sewer (lagger shorer and cribber); Track Liner Power; Tugger Operator; Vibrator; Well Point Laborer

GROUP 5: Caisson Worker; Miner; Mortarman and Hodcarrier; Powderman; Re-Timberman; Hazardous Waste Worker (Level A: utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line).

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LABO0335-001 06/01/2018

CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHKIAKUM COUNTY WEST TO THE PACIFIC OCEAN), SKAMANIA AND WAHKIAKUM COUNTIES

	Rates	Fringes
Laborers:		
ZONE 1:		
GROUP 1.....	\$ 31.72	11.49
GROUP 2.....	\$ 32.38	11.49
GROUP 3.....	\$ 32.87	11.49
GROUP 4.....	\$ 33.29	11.49
GROUP 5.....	\$ 28.98	11.49
GROUP 6.....	\$ 26.31	11.49
GROUP 7.....	\$ 22.78	11.49

Zone Differential (Add to Zone 1 rates):  
 Zone 2 \$ 0.65  
 Zone 3 - 1.15  
 Zone 4 - 1.70  
 Zone 5 - 2.75

BASE POINTS: LONGVIEW AND VANCOUVER

ZONE 1: Projects within 30 miles of the respective city all.  
 ZONE 2: More than 30 miles but less than 40 miles from the respective city hall.  
 ZONE 3: More than 40 miles but less than 50 miles from the respective city hall.  
 ZONE 4: More than 50 miles but less than 80 miles from the respective city hall.  
 ZONE 5: More than 80 miles from the respective city hall.

LABORERS CLASSIFICATIONS

GROUP 1: Asphalt Plant Laborers; Asphalt Spreaders; Batch Weighman; Broomers; Brush Burners and Cutters; Car and Truck Loaders; Carpenter Tender; Change-House Man or Dry Shack Man; Choker Setter; Clean-up Laborers; Curing, Concrete; Demolition, Wrecking and Moving Laborers; Dumpers, road oiling crew; Dumpmen (for grading crew); Elevator Feeders; Median Rail Reference Post, Guide Post, Right of Way Marker; Fine Graders; Fire Watch; Form Strippers (not swinging stages); General Laborers; Hazardous Waste Worker; Leverman or Aggregate Spreader (Flaherty and similar types); Loading Spotters; Material Yard Man (including electrical); Pittsburgh Chipper Operator or Similar Types; Railroad Track Laborers; Ribbon Setters (including steel forms); Rip Rap Man (hand placed); Road Pump Tender; Sewer Labor; Signalman; Skipman; Slopers; Spraymen; Stake Chaser; Stockpiler; Tie Back Shoring; Timber Faller and Bucker (hand labor); Toolroom Man (at job site); Tunnel Bullgang (above ground); Weight-Man- Crusher (aggregate when used)

GROUP 2: Applicator (including pot power tender for same), applying protective material by hand or nozzle on utility lines or storage tanks on project; Brush Cutters (power saw); Burners; Choker Splicer; Clary Power Spreader and similar types; Clean- up Nozzleman-Green Cutter (concrete, rock, etc.); Concrete Power Buggyman; Concrete Laborer; Crusher Feeder; Demolition and Wrecking Charred Materials; Gunite Nozzleman Tender; Gunite or Sand Blasting Pot Tender; Handlers or Mixers of all Materials of an irritating nature (including cement and lime); Tool Operators (includes but not limited to: Dry Pack Machine; Jackhammer; Chipping Guns; Paving Breakers); Pipe Doping and Wrapping; Post Hole Digger, air, gas or electric; Vibrating Screed; Tampers; Sand Blasting (Wet); Stake-Setter; Tunnel-Muckers, Brakemen, Concrete Crew, Bullgang (underground)

GROUP 3: Asbestos Removal; Bit Grinder; Drill Doctor; Drill Operators, air tracks, cat drills, wagon drills, rubber-mounted drills, and other similar types including at crusher plants; Gunite Nozzleman; High Scalers, Strippers and Drillers (covers work in swinging stages, chairs or belts, under extreme conditions unusual to normal drilling, blasting, barring-down, or sloping and stripping); Manhole Builder; Powdermen; Concrete Saw Operator; Pwdermen; Power Saw Operators (Bucking and Falling); Pumpcrete Nozzlemen; Sand Blasting (Dry); Sewer Timberman; Track Liners, Anchor Machines, Ballast Regulators, Multiple Tampers, Power Jacks, Tugger Operator; Tunnel-Chuck Tenders, Nippers and Timbermen; Vibrator; Water Blaster

GROUP 4: Asphalt Raker; Concrete Saw Operator (walls); Concrete Nozzelman; Grade Checker; Pipelayer; Laser Beam (pipelaying)-applicable when employee assigned to move, set up, align; Laser Beam; Tunnel Miners; Motorman-Dinky Locomotive-Tunnel; Powderman-Tunnel; Shield Operator-Tunnel

GROUP 5: Traffic Flaggers

GROUP 6: Fence Builders

GROUP 7: Landscaping or Planting Laborers

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LABO0335-019 06/01/2018

	Rates	Fringes
Hod Carrier.....	\$ 31.72	11.49

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LABO0348-003 06/01/2019

CHELAN, DOUGLAS (W OF 12TH MERIDIAN), KITTITAS, AND YAKIMA  
COUNTIES

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 23.12	11.94
GROUP 2.....	\$ 26.51	11.94
GROUP 3.....	\$ 29.01	11.94
GROUP 4.....	\$ 29.71	11.94
GROUP 5.....	\$ 30.22	11.94

BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT,  
TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT.  
TOWNSEND, PT. ANGELES, AND BREMERTON

ZONE 1 - Projects within 25 radius miles of the respective  
city hall  
ZONE 2 - More than 25 but less than 45 radius miles from the  
respective city hall  
ZONE 3 - More than 45 radius miles from the respective city  
hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):

ZONE 2 - \$1.00

ZONE 3 - \$1.30

BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA

ZONE 1 - Projects within 25 radius miles of the respective  
city hall  
ZONE 2 - More than 25 radius miles from the respective city  
hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):

ZONE 2 - \$2.25

LABORERS CLASSIFICATIONS

GROUP 1: Landscaping and Planting; Watchman; Window  
Washer/Cleaner (detail clean-up, such as but not limited to  
cleaning floors, ceilings, walls, windows, etc., prior to  
final acceptance by the owner)

GROUP 2: Batch Weighman; Crusher Feeder; Fence Laborer;  
Flagman; Pilot Car

GROUP 3: General Laborer; Air, Gas, or Electric Vibrating Screed; Asbestos Abatement Laborer; Ballast Regulator Machine; Brush Cutter; Brush Hog Feeder; Burner; Carpenter Tender; Cement Finisher Tender; Change House or Dry Shack; Chipping Gun (under 30 lbs.); Choker Setter; Chuck Tender; Clean-up Laborer; Concrete Form Stripper; Curing Laborer; Demolition (wrecking and moving including charred material); Ditch Digger; Dump Person; Fine Graders; Firewatch; Form Setter; Gabian Basket Builders; Grout Machine Tender; Grinders; Guardrail Erector; Hazardous Waste Worker (Level C: uses a chemical "splash suit" and air purifying respirator); Maintenance Person; Material Yard Person; Pot Tender; Rip Rap Person; Riggers; Scale Person; Sloper Sprayer; Signal Person; Stock Piler; Stake Hopper; Toolroom Man (at job site); Topper-Tailer; Track Laborer; Truck Spotter; Vinyl Seamer

GROUP 4: Cement Dumper-Paving; Chipping Gun (over 30 lbs.); Clary Power Spreader; Concrete Dumper/Chute Operator; Concrete Saw Operator; Drill Operator (hydraulic, diamond, aiartrac); Faller and Bucker Chain Saw; Grade Checker and Transit Person; Groutmen (pressure) including post tension beams; Hazardous Waste Worker (Level B: uses same respirator protection as Level A. A supplied air line is provided in conjunction with a chemical "splash suit"); High Scaler; Jackhammer; Laserbeam Operator; Manhole Builder-Mudman; Nozzleman (concrete pump, green cutter when using combination of high pressure air and water on concrete and rock, sandblast, gunite, shotcrete, water blaster, vacuum blaster); Pavement Breaker; Pipe Layer and Caulker; Pipe Pot Tender; Pipe Reliner (not insert type); Pipe Wrapper; Power Jacks; Railroad Spike Puller-Power; Raker-Asphalt; Rivet Buster; Rodder; Sloper (over 20 ft); Spreader (concrete); Tamper and Similar electric, air and glas operated tool; Timber Person-sewer (lagger shorer and cribber); Track Liner Power; Tugger Operator; Vibrator; Well Point Laborer

GROUP 5: Caisson Worker; Miner; Mortarman and Hodcarrier; Powderman; Re-Timberman; Hazardous Waste Worker (Level A: utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line).

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PAIN0005-002 07/01/2019

STATEWIDE EXCEPT CLARK, COWLITZ, KLUCKITAT, PACIFIC (SOUTH),  
SKAMANIA, AND WAHAKIAKUM COUNTIES

	Rates	Fringes
Painters:		
STRIPERS.....	\$ 31.61	16.07

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PAIN0005-004 03/01/2009

CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS,  
MASON, PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND  
WHATCOM COUNTIES

	Rates	Fringes
PAINTER.....	\$ 20.82	7.44

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\* PAIN0005-006 07/01/2018

ADAMS, ASOTIN; BENTON AND FRANKLIN (EXCEPT HANFORD SITE);  
CHELAN, COLUMBIA, DOUGLAS, FERRY, GARFIELD, GRANT, KITTITAS,  
LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA,  
WHITMAN AND YAKIMA COUNTIES

	Rates	Fringes
PAINTER		
Application of Cold Tar		
Products, Epoxies, Polyure		
thanes, Acids, Radiation		
Resistant Material, Water		
and Sandblasting.....	\$ 30.19	11.71
Over 30'/Swing Stage Work..	\$ 22.20	7.98
Brush, Roller, Striping,		
Steam-cleaning and Spray....	\$ 22.94	11.61
Lead Abatement, Asbestos		
Abatement.....	\$ 21.50	7.98

\*\$.70 shall be paid over and above the basic wage rates  
listed for work on swing stages and high work of over 30  
feet.

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PAIN0055-003 07/01/2019

CLARK, COWLITZ, KLICKITAT, PACIFIC, SKAMANIA, AND WAHKIAKUM  
COUNTIES

	Rates	Fringes
PAINTER		
Brush & Roller.....	\$ 25.14	12.90
Spray and Sandblasting.....	\$ 25.14	12.90

All high work over 60 ft. = base rate + \$0.75

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PAIN0055-006 07/01/2019

CLARK, COWLITZ, KLICKITAT, SKAMANIA and WAHKIAKUM COUNTIES

	Rates	Fringes
Painters:		
HIGHWAY & PARKING LOT		
STRIPER.....	\$ 35.45	12.56

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PLAS0072-004 06/01/2019

ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY,  
FRANKLIN, GARFIELD, GRANT, KITTITAS, LINCOLN, OKANOGAN, PEND  
OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN, AND YAKIMA  
COUNTIES

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER		
ZONE 1.....	\$ 30.21	14.93

Zone Differential (Add to Zone 1 rate): Zone 2 - \$2.00

BASE POINTS: Spokane, Pasco, Lewiston; Wenatchee  
Zone 1: 0 - 45 radius miles from the main post office  
Zone 2: Over 45 radius miles from the main post office

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PLAS0528-001 06/01/2019

CLALLAM, COWLITZ, GRAYS HARBOR, ISLAND, JEFFERSON, KING,  
KITSAP, LEWIS, MASON, PACIFIC, PIERCE, SAN JUAN, SKAGIT,  
SNOHOMISH, THURSTON, WAHKIAKUM AND WHATCOM COUNTIES

	Rates	Fringes
CEMENT MASON		
CEMENT MASON.....	\$ 44.43	18.04
COMPOSITION, TROWEL MACHINE, GRINDER, POWER TOOLS, GUNNITE NOZZLE.....	\$ 44.93	18.04
TROWELING MACHINE OPERATOR ON COMPOSITION.....	\$ 44.93	18.04

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PLAS0555-002 07/01/2019

CLARK, KLICKITAT AND SKAMANIA COUNTIES

ZONE 1:

	Rates	Fringes
CEMENT MASON		
CEMENT MASONS DOING BOTH COMPOSITION/POWER MACHINERY AND SUSPENDED/HANGING SCAFFOLD..	\$ 37.32	18.77
CEMENT MASONS ON SUSPENDED, SWINGING AND/OR HANGING SCAFFOLD.....	\$ 36.58	18.77
CEMENT MASONS.....	\$ 35.85	18.77
COMPOSITION WORKERS AND POWER MACHINERY OPERATORS...	\$ 36.58	18.77

Zone Differential (Add To Zone 1 Rates):

- Zone 2 - \$0.65
- Zone 3 - 1.15
- Zone 4 - 1.70
- Zone 5 - 3.00

BASE POINTS: BEND, CORVALLIS, EUGENE, MEDFORD, PORTLAND,  
SALEM, THE DALLES, VANCOUVER

- ZONE 1: Projects within 30 miles of the respective city hall
- ZONE 2: More than 30 miles but less than 40 miles from the  
respective city hall.
- ZONE 3: More than 40 miles but less than 50 miles from the  
respective city hall.
- ZONE 4: More than 50 miles but less than 80 miles from the  
respective city hall.
- ZONE 5: More than 80 miles from the respective city hall

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TEAM0037-002 06/01/2019

CLARK, COWLITZ, KLICKITAT, PACIFIC (South of a straight line made by extending the north boundary line of Wahkiakum County west to the Pacific Ocean), SKAMANIA, AND WAHKIAKUM COUNTIES

	Rates	Fringes
Truck drivers:		
ZONE 1		
GROUP 1.....	\$ 29.08	15.27
GROUP 2.....	\$ 29.20	15.27
GROUP 3.....	\$ 29.34	15.27
GROUP 4.....	\$ 29.62	15.27
GROUP 5.....	\$ 29.85	15.27
GROUP 6.....	\$ 30.03	15.27
GROUP 7.....	\$ 30.24	15.27

Zone Differential (Add to Zone 1 Rates):

- Zone 2 - \$0.65
- Zone 3 - 1.15
- Zone 4 - 1.70
- Zone 5 - 2.75

BASE POINTS: ASTORIA, THE DALLES, LONGVIEW AND VANCOUVER

ZONE 1: Projects within 30 miles of the respective city hall.

ZONE 2: More than 30 miles but less than 40 miles from the respective city hall.

ZONE 3: More than 40 miles but less than 50 miles from the respective city hall.

ZONE 4: More than 50 miles but less than 80 miles from the respective city hall.

ZONE 5: More than 80 miles from the respective city hall.

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1: A Frame or Hydra lift truck w/load bearing surface; Articulated Dump Truck; Battery Rebuilders; Bus or Manhaul Driver; Concrete Buggies (power operated); Concrete Pump Truck; Dump Trucks, side, end and bottom dumps, including Semi Trucks and Trains or combinations there of: up to and including 10 cu. yds.; Lift Jitneys, Fork Lifts (all sizes in loading, unloading and transporting material on job site); Loader and/or Leverman on Concrete Dry Batch Plant (manually operated); Pilot Car; Pickup Truck; Solo Flat Bed and misc. Body Trucks, 0-10 tons; Truck Tender; Truck Mechanic Tender; Water Wagons (rated capacity) up to 3,000 gallons; Transit Mix and Wet or Dry Mix - 5 cu. yds. and under; Lubrication Man, Fuel Truck Driver, Tireman, Wash Rack, Steam Cleaner or combinations; Team Driver; Slurry Truck Driver or Leverman; Tireman

GROUP 2: Boom Truck/Hydra-lift or Retracting Crane; Challenger; Dumpsters or similar equipment all sizes; Dump Trucks/Articulated Dumps 6 cu to 10 cu.; Flaherty Spreader Driver or Leverman; Lowbed Equipment, Flat Bed Semi-trailer or doubles transporting equipment or wet or dry materials; Lumber Carrier, Driver-Straddle Carrier (used in loading, unloading and transporting of materials on job site); Oil Distributor Driver or Leverman; Transit mix and wet or dry mix trucks: over 5 cu. yds. and including 7 cu. yds.; Vacuum Trucks; Water truck/Wagons (rated capacity) over 3,000 to 5,000 gallons

GROUP 3: Ammonia Nitrate Distributor Driver; Dump trucks, side, end and bottom dumps, including Semi Trucks and Trains or combinations thereof: over 10 cu. yds. and including 30 cu. yds. includes Articulated Dump Trucks; Self-Propelled Street Sweeper; Transit mix and wet or dry mix truck: over 7 cu yds. and including 11 cu yds.; Truck Mechanic-Welder-Body Repairman; Utility and Clean-up Truck; Water Wagons (rated capacity) over 5,000 to 10,000 gallons

GROUP 4: Asphalt Burner; Dump Trucks, side, end and bottom dumps, including Semi-Trucks and Trains or combinations thereof: over 30 cu. yds. and including 50 cu. yds. includes Articulated Dump Trucks; Fire Guard; Transit Mix and Wet or Dry Mix Trucks, over 11 cu. yds. and including 15 cu. yds.; Water Wagon (rated capacity) over 10,000 gallons to 15,000 gallons

GROUP 5: Composite Crewman; Dump Trucks, side, end and bottom dumps, including Semi Trucks and Trains or combinations thereof: over 50 cu. yds. and including 60 cu. yds. includes Articulated Dump Trucks

GROUP 6: Bulk Cement Spreader w/o Auger; Dry Pre-Batch concrete Mix Trucks; Dump trucks, side, end and bottom dumps, including Semi Trucks and Trains of combinations thereof: over 60 cu. yds. and including 80 cu. yds., and includes Articulated Dump Trucks; Skid Truck

GROUP 7: Dump Trucks, side, end and bottom dumps, including Semi Trucks and Trains or combinations thereof: over 80 cu. yds. and including 100 cu. yds., includes Articulated Dump Trucks; Industrial Lift Truck (mechanical tailgate)

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\* TEAM0174-001 06/01/2019

CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC (North of a straight line made by extending the north boundary line of Wahkiakum County west to the Pacific Ocean), PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND WHATCOM COUNTIES

	Rates	Fringes
Truck drivers:		
ZONE A:		
GROUP 1:.....	\$ 40.38	20.46
GROUP 2:.....	\$ 39.54	20.46
GROUP 3:.....	\$ 36.73	20.46
GROUP 4:.....	\$ 31.76	20.46
GROUP 5:.....	\$ 39.93	20.46

ZONE B (25-45 miles from center of listed cities\*): Add \$.70 per hour to Zone A rates.

ZONE C (over 45 miles from centr of listed cities\*): Add \$1.00 per hour to Zone A rates.

\*Zone pay will be calculated from the city center of the following listed cities:

BELLINGHAM	CENTRALIA	RAYMOND	OLYMPIA
EVERETT	SHELTON	ANACORTES	BELLEVUE
SEATTLE	PORT ANGELES	MT. VERNON	KENT
TACOMA	PORT TOWNSEND	ABERDEEN	BREMERTON

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1 - "A-frame or Hydralift" trucks and Boom trucks or similar equipment when "A" frame or "Hydralift" and Boom truck or similar equipment is used; Buggymobile; Bulk Cement Tanker; Dumpsters and similar equipment, Tournorockers, Tournowagon, Tournotrailer, Cat DW series, Terra Cobra, Le Tourneau, Westinghouse, Athye Wagon, Euclid Two and Four-Wheeled power tractor with trailer and similar top-loaded equipment transporting material: Dump Trucks, side, end and bottom dump, including semi-trucks and trains or combinations thereof with 16 yards to 30 yards capacity: Over 30 yards \$.15 per hour additional for each 10 yard increment; Explosive Truck (field mix) and similar equipment; Hyster Operators (handling bulk loose aggregates); Lowbed and Heavy Duty Trailer; Road Oil Distributor Driver; Spreader, Flaherty Transit mix used exclusively in heavy construction; Water Wagon and Tank Truck-3,000 gallons and over capacity

GROUP 2 - Bulllifts, or similar equipment used in loading or unloading trucks, transporting materials on job site; Dumpsters, and similar equipment, Tournorockers, Tournowagon, Turnotrailer, Cat. D.W. Series, Terra Cobra, Le Tourneau, Westinghouse, Athye wagon, Euclid two and four-wheeled power tractor with trailer and similar top-loaded equipment transporting material: Dump trucks, side, end and bottom dump, including semi-trucks and trains or combinations thereof with less than 16 yards capacity; Flatbed (Dual Rear Axle); Grease Truck, Fuel Truck, Greaser, Battery Service Man and/or Tire Service Man; Leverman and loader at bunkers and batch plants; Oil tank transport; Scissor truck; Slurry Truck; Sno-Go and similar equipment; Swampers; Straddler Carrier (Ross, Hyster) and similar equipment; Team Driver; Tractor (small, rubber-tired)(when used within Teamster jurisdiction); Vacuum truck; Water Wagon and Tank trucks-less than 3,000 gallons capacity; Winch Truck; Wrecker, Tow truck and similar equipment

GROUP 3 - Flatbed (single rear axle); Pickup Sweeper; Pickup Truck. (Adjust Group 3 upward by \$2.00 per hour for onsite work only)

GROUP 4 - Escort or Pilot Car

GROUP 5 - Mechanic

#### HAZMAT PROJECTS

Anyone working on a HAZMAT job, where HAZMAT certification is required, shall be compensated as a premium, in addition to the classification working in as follows:

LEVEL C: +\$.25 per hour - This level uses an air purifying respirator or additional protective clothing.

LEVEL B: +\$.50 per hour - Uses same respirator protection as Level A. Supplied air line is provided in conjunction with a chemical "splash suit."

LEVEL A: +\$.75 per hour - This level utilizes a fully-encapsulated suit with a self-contained breathing apparatus or a supplied air line.

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TEAM0690-004 01/01/2019

ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN AND YAKIMA COUNTIES

	Rates	Fringes
Truck drivers: (AREA 1: SPOKANE ZONE CENTER: Adams, Chelan, Douglas, Ferry, Grant, Kittitas, Lincoln, Okanogan, Pen Oreille, Spokane, Stevens, and Whitman Counties		
AREA 1: LEWISTON ZONE CENTER: Asotin, Columbia, and Garfield Counties		
AREA 2: PASCO ZONE CENTER: Benton, Franklin, Walla Walla and Yakima Counties)		
AREA 1:		
GROUP 1.....	\$ 23.91	17.40
GROUP 2.....	\$ 26.18	17.40
GROUP 3.....	\$ 26.68	17.40
GROUP 4.....	\$ 27.01	17.40
GROUP 5.....	\$ 27.12	17.40
GROUP 6.....	\$ 27.29	17.40
GROUP 7.....	\$ 27.82	17.40
GROUP 8.....	\$ 28.18	17.40
AREA 2:		
GROUP 1.....	\$ 26.05	17.40
GROUP 2.....	\$ 28.69	17.40
GROUP 3.....	\$ 28.80	17.40
GROUP 4.....	\$ 29.13	17.40
GROUP 5.....	\$ 29.24	17.40
GROUP 6.....	\$ 29.24	17.40
GROUP 7.....	\$ 29.78	17.40
GROUP 8.....	\$ 30.10	17.40

Zone Differential (Add to Zone 1 rate: Zone 1 + \$2.00)

BASE POINTS: Spokane, Pasco, Lewiston  
 Zone 1: 0-45 radius miles from the main post office.  
 Zone 2: Outside 45 radius miles from the main post office

## TRUCK DRIVERS CLASSIFICATIONS

GROUP 1: Escort Driver or Pilot Car; Employee Haul; Power Boat Hauling Employees or Material

GROUP 2: Fish Truck; Flat Bed Truck; Fork Lift (3000 lbs. and under); Leverperson (loading trucks at bunkers); Trailer Mounted Hydro Seeder and Mulcher; Seeder & Mulcher; Stationary Fuel Operator; Tractor (small, rubber-tired, pulling trailer or similar equipment)

GROUP 3: Auto Crane (2000 lbs. capacity); Buggy Mobile & Similar; Bulk Cement Tanks & Spreader; Dumptor (6 yds. & under); Flat Bed Truck with Hydraulic System; Fork Lift (3001-16,000 lbs.); Fuel Truck Driver, Steamcleaner & Washer; Power Operated Sweeper; Rubber-tired Tunnel Jumbo; Scissors Truck; Slurry Truck Driver; Straddle Carrier (Ross, Hyster, & similar); Tireperson; Transit Mixers & Truck Hauling Concrete (3 yd. to & including 6 yds.); Trucks, side, end, bottom & articulated end dump (3 yards to and including 6 yds.); Warehouseperson (to include shipping & receiving); Wrecker & Tow Truck

GROUP 4: A-Frame; Burner, Cutter, & Welder; Service Greaser; Trucks, side, end, bottom & articulated end dump (over 6 yards to and including 12 yds.); Truck Mounted Hydro Seeder; Warehouseperson; Water Tank truck (0-8,000 gallons)

GROUP 5: Dumptor (over 6 yds.); Lowboy (50 tons & under); Self-loading Roll Off; Semi-Truck & Trailer; Tractor with Steer Trailer; Transit Mixers and Trucks Hauling Concrete (over 6 yds. to and including 10 yds.); Trucks, side, end, bottom and end dump (over 12 yds. to & including 20 yds.); Truck-Mounted Crane (with load bearing surface either mounted or pulled, up to 14 ton); Vacuum Truck (super sucker, guzzler, etc.)

GROUP 6: Flaherty Spreader Box Driver; Flowboys; Fork Lift (over 16,000 lbs.); Dumps (Semi-end); Mechanic (Field); Semi-end Dumps; Transfer Truck & Trailer; Transit Mixers & Trucks Hauling Concrete (over 10 yds. to & including 20 yds.); Trucks, side, end, bottom and articulated end dump (over 20 yds. to & including 40 yds.); Truck and Pup; Tournarocker, DWs & similar with 2 or more 4 wheel-power tractor with trailer, gallonage or yardage scale, whichever is greater Water Tank Truck (8,001- 14,000 gallons); Lowboy(over 50 tons)

GROUP 7: Oil Distributor Driver; Stringer Truck (cable operated trailer); Transit Mixers & Trucks Hauling Concrete (over 20 yds.); Truck, side, end, bottom end dump (over 40 yds. to & including 100 yds.); Truck Mounted Crane (with load bearing surface either mounted or pulled (16 through 25 tons);



GROUP 8: Prime Movers and Stinger Truck; Trucks, side, end, bottom and articulated end dump (over 100 yds.); Helicopter Pilot Hauling Employees or Materials

Footnote A - Anyone working on a HAZMAT job, where HAZMAT certification is required, shall be compensated as a premium, in addition to the classification working in as follows:

LEVEL C-D: - \$.50 PER HOUR (This is the lowest level of protection. This level may use an air purifying respirator or additional protective clothing.

LEVEL A-B: - \$1.00 PER HOUR (Uses supplied air in conjunction with a chemical splash suit or fully encapsulated suit with a self-contained breathing apparatus.

Employees shall be paid Hazmat pay in increments of four(4) and eight(8) hours.

NOTE:

Trucks Pulling Equipment Trailers: shall receive \$.15/hour over applicable truck rate

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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](http://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)).  
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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.

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## 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"