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		CONSTRUCTION COD		
CODE			TOTAL	100% STATE
NO.	ITEM	UNIT	QUANTITY	0040
NO.			FRANKLIN	
	·			COUNTY
67100100	MOBILIZATION	LSUM	1	1
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X0335700	PUMP STATION GENERAL WORK	L SUM	\$***	1
X0783300	PUMP STATION ELECTRICAL WORK	L SUM		1
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X0783500	PUMP STATION MECHANICAL WORK	LSUM	1	1 · · · · · · · · · · · · · · · · · · ·



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	USER NAME .	DESIGNED - JTH/AFW	REVISED		SUMMARY OF QUANTITIES	F.A.I. SECTION	COUNTY SHEETS NO.
		CHECKED - JMH/LRL	REVISED	STATE OF ILLINOIS	I-57 AND IL RTE. 149 PUMP STATION REPAIR	57 +	FRANKLIN 5 2
-MASTERS	PLOT SCALE .	DRAWN - PRC	REVISED	DEPARTMENT OF TRANSPORTATION	1-37 AND IL NIE. 145 FUMIF STATIUM NEFAM	· · · · · · · · · · · · · · · · · · ·	CONTRACT NO. 78527
rience greet bridges.	PLOT DATE . 02/29/2016	CHECKED - JTH	REVISED		SHEET NO. 2 OF 5 SHEETS	ILLINDIS FED. A	10 PROJECT

Prepared By: DISTRICT/STUDIES & PLANS ENGINEER Examined By: DISTRICT LAND ACQUISITION ENGINEER Examined By: DISTRICT PROGRAM DEVELOPMENT ENGINEER Examined By: DISTRICT OPERATIONS ENGINEER Examined By: 1 DISTRICT PROJECT IMPLEMENTATION ENGINEER Examined By: District construction encineer Examined By: District construction encineer District materials encineer

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GENERAL NOTES

Plan dimensions and details relative to existing plans are subject to variations found in the field. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary adjustments prior to construction or ordering materials.

Existing plans are available for review in the District Office. Contact David Piche at (618) 351-5227.

See Special Provision for Pump Station General Work, Pump Station Mechanical Work, and Pump Station Electrical Work for design and construction requirements.

The existing ladders and walkways do not adhere to all applicable safety standards. The Contractor shall be responsible for safe access to all levels of the pump station.

SUGGESTED CONSTRUCTION SEQUENCE:

prior to construction.

- panel,
- 2. Repair maintenance hoist.
- 3. Perform pump 4 pipe stand replacement.
- repairs and put back into service.
- repairs and put back into service.
- be completed at any time.

SUGGESTED PROCEDURE FOR ONE PIPE STAND REPLACEMENT:

- 1. Ensure all pump motors are locked out/tagged out according to the Pump Station Electrical Work Special Provision.
- 3. Drain water from pipe column.
- require adjustment.
- jacking and shoring system.
- damage.
- anchor bolts.
- are set, tighten them.
- verify the pump system is operational.

	USER NAME =	DESIGNED - JTH/AFW	REVISED		GENERAL NOTES	F.A.I. RTE.	SECTION	COUNTY TOTAL SHEETS NO.
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MODJESKI and MASTERS Experience great bridges.	PLOT SCALE = PLOT DATE = 02/29/2016	DRAWN - PRC CHECKED - JTH	REVISED REVISED	DEPARTMENT OF TRANSPORTATION	SHEET NO. 3 OF 5 SHEETS		ILLINOIS FED. A	AID PROJECT

Note: Contractor shall submit to the Engineer a sequence of construction for review and approval

1. Install locking devices for (3) pump motors and (1) maintenance hoist in existing power

4. Perform pump 1 pipe stand replacement and motor key replacement. Verify pump 1 is operational at completion of repairs and put into service.

5. Perform pump 3 pipe stand replacement. Verify pump 3 is operational at completion of

6. Perform pump 2 pipe stand replacement. Verify pump 2 is operational at completion of

7. Perform pressure transducer well pipe cleanout cover repairs. Note that this repair may

Note: All work shall be included in the Lump Sum price for Pump Station General Work.

2. Install Temporary Jacking and Support System.

4. Loosen flexible coupling in storage room and any other connections which may

5. Engage jacking system to transfer load from the existing pipe stand to the

6. Detach existing pipe stand and remove any existing anchor bolts to at least 1 inch below the top of slab. Fill the existing anchor bolt holes with non-shrink grout.

7. Use jacking system to align the expansion joint as necessary, being sure to monitor the supported pipes and attachments for excessive displacement or

8. Once existing anchor bolt hole grout is set per the manufacturer's specifications, install the proposed pipe stand assembly. Avoid the location of the existing

9. Drill the anchor bolt holes and install the anchor bolts. Once the anchor bolts

10. Tighten flexible coupling in storage room and any other connections which require tightening. Remove or disengage the temporary jacking and support system and

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	USER NAME =	DESIGNED - JTH/AFW CHECKED - JMH/LRL	REVISED REVISED	STATE OF ILLINOIS	EXISTING SECT
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eat bridges.	PLOT DATE = 02/29/2016	CHECKED - JTH	REVISED		SHEET NO. 4 OF 5







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		CHECKED - JMH/LRL	REVISED	STATE OF ILLINOIS	I–57 AND IL RTE. 149 PUMP STATION REPAIR	57	*	FRANKLIN	5	5
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	PLOT DATE = 02/29/2016	CHECKED - JTH	REVISED		SHEET NO. 5 OF 5 SHEETS	ILLINOIS FED. AID PROJECT			ст	
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Notes:

See Special Provision for Pump Station General Work for details and payment of removal and replacement of existing pipe stands. See Special Provision for Pump Station Electrical Work for details and payment of installation of lockout/tagout devices.

See Special Provision for Pump Station Mechanical Work for details and payment of maintenance hoist repairs, motor #1 key replacement, and pressure transducer well pipe cleanout cover replacement.

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