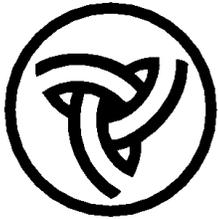


TRANSPORTATION BULLETIN



Illinois Department of Transportation

ADDENDUM NO. 1

Dated: September 2, 2011

For: Transportation Bulletin
Volume 14, No. 33 Dated: August 19, 2011
Letting Date: September 23, 2011

Item No. 1A - Replace Nav aids and Airfield Lighting

Fairfield Municipal Airport
Fairfield, Illinois
Wayne County
Illinois Project No.: FWC-4105
Federal Project No. 3-17-0043-B12
Contract No. FA005

REASON FOR ADDENDUM:

Schedule of Prices Revised:

AR108158 1/C #8 5KV UG CABLE IN UD changes in quantity from 1460 L.F. to
1630 L.F.

Construction Plan Revisions

TO ALL PLAN HOLDERS:

Replace Schedule of Prices dated 08/11/11 with revised Schedule of Prices dated
8/30/11. Return with bid. Bidders are cautioned to verify the correct quantity if utilizing
CBIDS.

CONSTRUCTION PLANS

Revised Plan Sheet 2 of 32.

The Quantity of Item AR108158 1/C #8 5KV UG CABLE IN UD changed from 1460 L.F. to 1630 L.F. Replace Plan Sheet 2 with the Revised Plan Sheet 2 dated 8/23/2011.

Revised Plan Sheet 9 of 32.

The Location of the Proposed L-806 Supplemental Wind Cone has changed from Station 126+24, 265' Right to Station 121+24, 280' Right. A note was added in regard to earth material to build up the area around the REIL slave unit. Replace Plan Sheet 9 with the Revised Plan Sheet 9 dated 8/23/2011.

Revised Plan Sheet 12 of 32.

The Location of the Proposed L-807 Primary Wind Cone has changed from Station 11+00, 215' Right to Station 11+00, 285' Right. Replace Plan Sheet 12 with the Revised Plan Sheet 12 dated 8/23/2011.

END OF ADDENDUM No. 1

SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITIES	AS BUILT QUANTITIES
AR106930	REPLACE LIGHT FIXTURE	EACH	2	
AR107408	L-806 WIND CONE-8' LIGHTED	EACH	1	
AR107712	L-807 WIND CONE-12' LIGHTED	EACH	1	
AR107900	REMOVE WIND CONE	EACH	1	
AR108084	1/C #4 XLP-USE	L.F.	1,530	
AR108086	1/C #6 XLP-USE	L.F.	2,100	
AR108158	1/C #8 5 KV UG CABLE IN UD	L.F.	(1,630)	
AR108654	3/C #4 600V UG CABLE IN UD	L.F.	5,050	
AR108656	3/C #6 600V UG CABLE IN UD	L.F.	2,100	
AR109200	INSTALL ELECTRICAL EQUIPMENT	L.S.	1	
AR110014	4" DIRECTIONAL BORE	L.F.	1,000	
AR110610	ELECTRICAL HANDHOLE	EACH	4	
AR125540	MI THRESHOLD LIGHT STAKE MTD	EACH	8	
AR125565	SPLICE CAN	EACH	4	
AR125610	REILS	PAIR	1	
AR125901	REMOVE STAKE MOUNTED LIGHT	EACH	8	
AR125907	REMOVE REILS	PAIR	1	
AR125989	REFURBISH PLASI	EACH	2	
AR150510	ENGINEER'S FIELD OFFICE	L.S.	1	
AR150520	MOBILIZATION	L.S.	1	

INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	SUMMARY OF QUANTITIES AND INDEX TO SHEETS
3	PROPOSED SAFETY PLAN
4	EXISTING ELECTRICAL PLAN FOR RWY. 9-27 STA. 115+00 TO 129+00
5	EXISTING ELECTRICAL PLAN FOR RWY. 9-27 STA. 129+00 TO 142+50
6	EXISTING ELECTRICAL PLAN FOR RWY. 9-27 STA. 142+50 TO 156+75
7	EXISTING ELECTRICAL PLAN FOR RWY. 18-36 STA. 0+50 TO 14+50
8	EXISTING ELECTRICAL PLAN FOR RWY. 18-36 STA. 14+50 TO 21+50
9	PROPOSED ELECTRICAL PLAN FOR RWY. 9-27 STA. 115+00 TO 129+00
10	PROPOSED ELECTRICAL PLAN FOR RWY. 9-17 STA. 129+00 TO 142+50
11	PROPOSED ELECTRICAL PLAN FOR RWY. 9-27 STA. 142+50 TO 156+75
12	PROPOSED ELECTRICAL PLAN FOR RWY. 18-36 STA. 0+50 TO 14+50
13	PROPOSED ELECTRICAL PLAN FOR RWY. 18-36 STA. 14+50 TO 21+50
14	ELECTRICAL DETAILS SHEET 1
15	ELECTRICAL DETAILS SHEET 2
16	L-806 WIND CONE ELEVATION DETAIL
17	L-807 WIND CONE ELEVATION DETAIL
18	REIL DETAILS
19	REFURBISH PLASI WIRING DETAILS AND NOTES
20	ELECTRICAL NOTES SHEET 1
21	ELECTRICAL NOTES SHEET 2
22	ELECTRICAL LEGEND AND ABBREVIATIONS
23	VAULT FLOOR PLAN
24	EXISTING ELECTRICAL ONE LINE DIAGRAM FOR VAULT AND AIRFIELD
25	PROPOSED ELECTRICAL ONE LINE FOR VAULT AND AIRFIELD - SHEET 1
26	PROPOSED ELECTRICAL ONE LINE FOR VAULT AND AIRFIELD - SHEET 2
27	PROPOSED AIRFIELD LIGHTING CONTROL WIRING SCHEMATIC
28	LIGHTING CONTACTOR PANEL DETAIL
29	LIGHTING CONTACTOR PANEL SCHEMATIC
30	TRANSFORMER WIRING DIAGRAMS & LEGEND PLATE SCHEDULE
31	GROUNDING DETAILS
32	GROUNDING NOTES

DATE	REVISION
8/9/11	ART08158 QTY. UPDATE
8/25/11	ADDENDUM NO. 1

FAIRFIELD MUNICIPAL AIRPORT
FAIRFIELD, ILLINOIS

Hanson Project No. 11A00160_0001	File Name R-002ELP.DWG	Scale NOT TO SCALE	Date 07/01/2011
LAYOUT	KNL	05/31/11	
DRAWN	BAK	05/31/11	
REVIEWED	CAH	06/29/11	

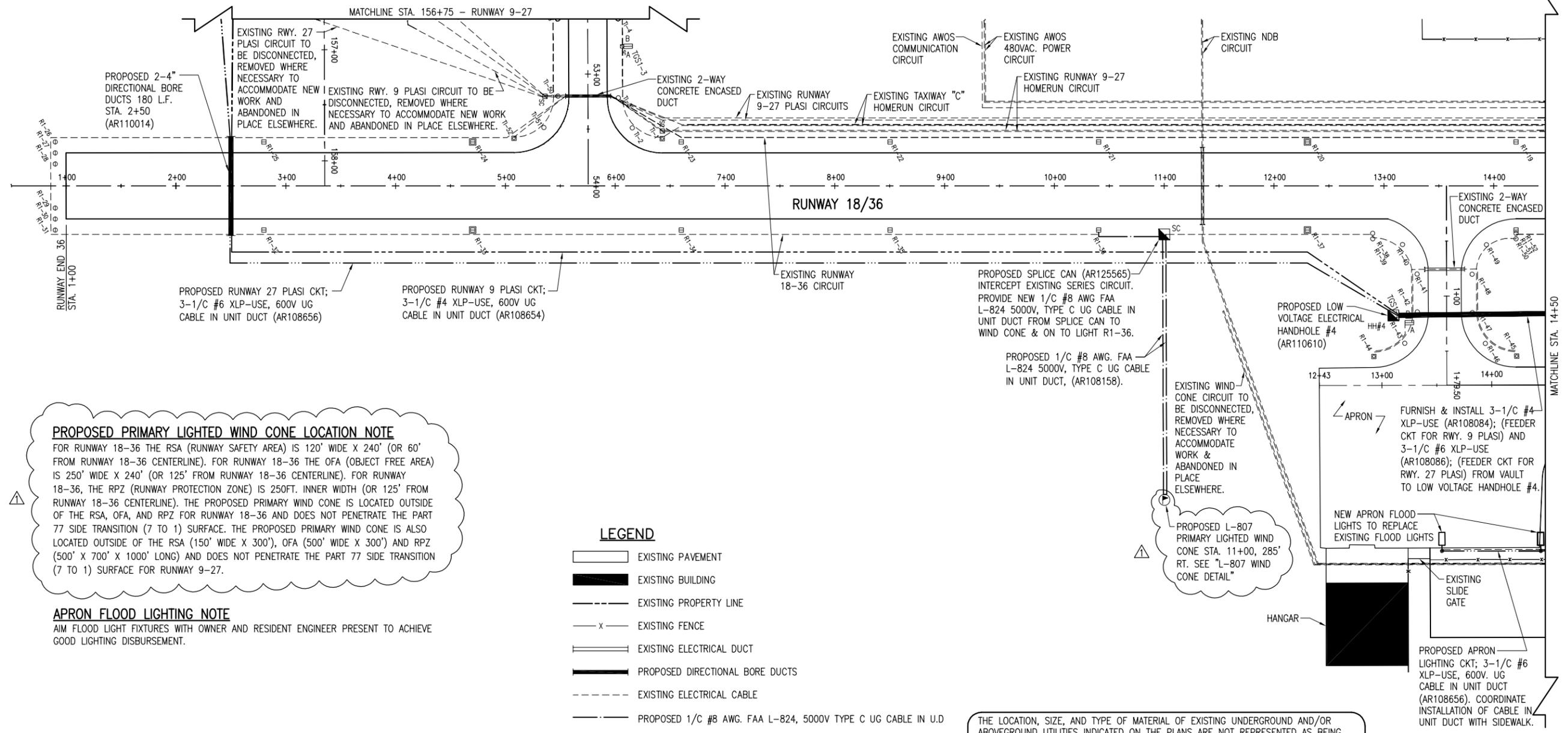
HANSON
© Copyright Hanson Professional Services Inc. 2011
Hanson Professional Services Inc.
1525 South Sixth Street
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www.hanson-inc.com
Offices Nationwide

REPLACE NAVAIDS &
AIRFIELD LIGHTING

SUMMARY OF QUANTITIES
AND INDEX TO SHEETS

ADDENDUM NO. 1

2



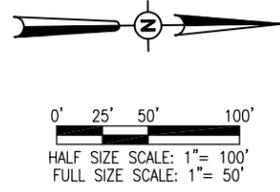
PROPOSED PRIMARY LIGHTED WIND CONE LOCATION NOTE
 FOR RUNWAY 18-36 THE RSA (RUNWAY SAFETY AREA) IS 120' WIDE X 240' (OR 60' FROM RUNWAY 18-36 CENTERLINE). FOR RUNWAY 18-36 THE OFA (OBJECT FREE AREA) IS 250' WIDE X 240' (OR 125' FROM RUNWAY 18-36 CENTERLINE). FOR RUNWAY 18-36, THE RPZ (RUNWAY PROTECTION ZONE) IS 250FT. INNER WIDTH (OR 125' FROM RUNWAY 18-36 CENTERLINE). THE PROPOSED PRIMARY WIND CONE IS LOCATED OUTSIDE OF THE RSA, OFA, AND RPZ FOR RUNWAY 18-36 AND DOES NOT PENETRATE THE PART 77 SIDE TRANSITION (7 TO 1) SURFACE. THE PROPOSED PRIMARY WIND CONE IS ALSO LOCATED OUTSIDE OF THE RSA (150' WIDE X 300'), OFA (500' WIDE X 300') AND RPZ (500' X 700' X 1000' LONG) AND DOES NOT PENETRATE THE PART 77 SIDE TRANSITION (7 TO 1) SURFACE FOR RUNWAY 9-27.

APRON FLOOD LIGHTING NOTE
 AIM FLOOD LIGHT FIXTURES WITH OWNER AND RESIDENT ENGINEER PRESENT TO ACHIEVE GOOD LIGHTING DISBURSEMENT.

- LEGEND**
- EXISTING PAVEMENT
 - █ EXISTING BUILDING
 - - - EXISTING PROPERTY LINE
 - x - EXISTING FENCE
 - |— EXISTING ELECTRICAL DUCT
 - |— PROPOSED DIRECTIONAL BORE DUCTS
 - - - EXISTING ELECTRICAL CABLE
 - |— PROPOSED 1/C #8 AWG. FAA L-824, 5000V TYPE C UG CABLE IN U.D.
 - |— PROPOSED 3-1/C #6 XLP-USE 600V UG CABLE IN U.D.
 - |— PROPOSED 3-1/C #4 AWG. XLP-USE 600V UG CABLE IN U.D.
 - SC EXISTING SPLICE CAN
 - HH EXISTING HANDHOLE
 - EXISTING STAKE MOUNTED TAXIWAY LIGHT
 - ⊠ EXISTING BASE MOUNTED TAXIWAY LIGHT
 - ⊠ EXISTING STAKE MOUNTED RUNWAY LIGHT
 - ⊠ EXISTING BASE MOUNTED RUNWAY LIGHT
 - ⊠ EXISTING L-861SE STAKED MOUNTED THRESHOLD LIGHT
 - ⊠ EXISTING TAXI GUIDANCE SIGN
 - PROPOSED APRON FLOOD LIGHTS
 - ⊠ PROPOSED PRIMARY LIGHTED WIND CONE
 - SC PROPOSED SPLICE CAN
 - HH PROPOSED ELECTRICAL HANDHOLE

THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE OWNER'S REPRESENTATIVE AND/OR THE RESIDENT ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. **CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123.** CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND/OR LOCATED BY THE FAA. ALSO CONTACT AIRPORT DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/OR UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES.



ADDENDUM NO. 1

REVISION	ADDENDUM NO. 1
DATE	8/23/11

**FAIRFIELD MUNICIPAL AIRPORT
 FAIRFIELD, ILLINOIS**

IL. PROJ.: FWC-4105 A.I.P. PROJ.: 3-17-0043-B12

Hanson Project No.	11A00160_0001
Filename	R-142ELE.DWG
Scale	1" = 50'
Date	07/01/2011
LAYOUT	KNL 05/31/11
DRAWN	BAK 05/31/11
REVIEWED	CAH 06/29/11

HANSON
 Professional Services Inc. 2011
 Hanson Professional Services Inc.
 1525 South Sixth Street
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**REPLACE NAVAIDS &
 AIRFIELD LIGHTING**

PROPOSED ELECTRICAL
 PLAN FOR RWY. 18-36
 STA. 0+50 TO 14+50

AUG 24, 2011 10:36 AM KINCAD00394 E:\AIRPORTS\FAIRFIELD\11A00160\CAUD\AIRPORT\142ELE.DWG

STATE JOB # - - - -

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT NUMBER - FA005

ECMS002 DTGECM03 ECMR003 PAGE 1
 RUN DATE - 08/30/11
 RUN TIME - 190058

COUNTY NAME	CODE	DIST	AIRPORT NAME	FED PROJECT	ILL PROJECT
WAYNE	191	07	FAIRFIELD MUNICIPAL	3-17-0043-B12	FW-C -4105

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
AR106930	REPLACE LIGHT FIXTURE	EACH	2.000 X		=		
AR107408	L-806 WIND CONE-8' LIGHTED	EACH	1.000 X		=		
AR107712	L-807 WIND CONE-12' LIGHTED	EACH	1.000 X		=		
AR107900	REMOVE WIND CONE	EACH	1.000 X		=		
AR108084	1/C #4 XLP-USE	L.F.	1,530.000 X		=		
AR108086	1/C #6 XLP-USE	L.F.	2,100.000 X		=		
AR108158	1/C #8 5 KV UG CABLE IN UD	L.F.	1,630.000 X		=		
AR108654	3/C #4 600 V UG CABLE IN UD	L.F.	5,050.000 X		=		
AR108656	3/C #6 600 V UG CABLE IN UD	L.F.	2,100.000 X		=		
AR109200	INSTALL ELECTRICAL EQUIPMENT	L.S.	1.000 X		=		
AR110014	4" DIRECTIONAL BORE	L.F.	1,000.000 X		=		
AR110610	ELECTRICAL HANDHOLE	EACH	4.000 X		=		
AR125540	MI THRESHOLD LIGHT STAKE MTD	EACH	8.000 X		=		
AR125565	SPLICE CAN	EACH	4.000 X		=		
AR125610	REILS	PAIR	1.000 X		=		

FAIRFIELD MUNICIPAL
WAYNE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF PRICES
CONTRACT NUMBER - FA005

ECMS002 DTGECM03 ECMR003 PAGE 2
RUN DATE - 08/30/11
RUN TIME - 190058

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
AR125901	REMOVE STAKE MOUNTED LIGHT	EACH	8.000 X		=		
AR125907	REMOVE REILS	PAIR	1.000 X		=		
AR125989	REFURBISH PLASI	EACH	2.000 X		=		
AR150510	ENGINEER'S FIELD OFFICE	L.S.	1.000 X		=		
AR150520	MOBILIZATION	L.S.	1.000 X		=		
TOTAL						\$	

NOTE:

1. EACH PAY ITEM SHOULD HAVE A UNIT PRICE AND A TOTAL PRICE.
2. THE UNIT PRICE SHALL GOVERN IF NO TOTAL PRICE IS SHOWN OR IF THERE IS A DISCREPANCY BETWEEN THE PRODUCT OF THE UNIT PRICE MULTIPLIED BY THE QUANTITY.
3. IF A UNIT PRICE IS OMITTED, THE TOTAL PRICE WILL BE DIVIDED BY THE QUANTITY IN ORDER TO ESTABLISH A UNIT PRICE.
4. A BID MAY BE DECLARED UNACCEPTABLE IF NEITHER A UNIT PRICE NOR A TOTAL PRICE IS SHOWN.