

**OHIO TURNPIKE COMMISSION**

**ADDENDUM NO. 2**

**CONTRACT NO. 53-12-02**

**SERVICE PLAZA RENOVATIONS, ERIE ISLANDS & COMMODORE PERRY,  
MILEPOST 100, SANDUSKY COUNTY, OHIO**

**OPENING DATE: 2:00 P.M. (E.D.T.), JULY 31, 2012**

**ATTENTION OF BIDDERS IS DIRECTED TO:**

**ANSWERS TO QUESTIONS RECEIVED THROUGH 5:00 P.M., JULY 24, 2012**

**MODIFICATIONS TO THE PLANS AND SPECIFICATIONS**


**CHANGES TO THE SPECIFICATIONS**

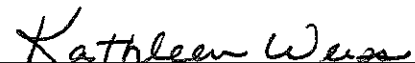
Page 01010-6

**CHANGES TO THE DRAWINGS**

AD.1 (Sheet 2 of 27), A2.0 (Sheet 5 of 27) & A2.1 (Sheet 6 of 27)

Issued by the Ohio Turnpike Commission July 25, 2012. Issuance authorized by Robin Carlin, Acting Executive Director, and Kathleen Weiss, General Counsel.

  
\_\_\_\_\_  
Robin Carlin  
7/25/12  
Date

  
\_\_\_\_\_  
Kathleen Weiss  
7/25/12  
Date

**OHIO TURNPIKE COMMISSION  
ADDENDUM NO. 2  
CONTRACT NO. 53-12-02**

ANSWERS TO QUESTIONS RECEIVED THROUGH 5:00 P.M., JULY 24, 2012

**Q#11** Electrical question for the Service Plaza Renovations at the Erie Island and Commodore Perry Service Plazas, 53-12-02. What are the fixture specifications for the exterior canopy fixtures? Drawing E.01 indicates that the exterior canopy recessed fixtures at the fueling areas are to have the trims replaced. The note on the drawing calls for these fixtures to be "Guth Selux Metal Halide recessed round down-lights", this trim description cannot be found. These trims cannot be priced if a specific type is not given to the lighting representative. Will you issue an allowance dollar value per trim so all electrical bids are competitive? I did not take a picture of the fixture, this may help identify the fixture if you able to send a pic.

*A#11 The intent of the Plans is to replace exterior fixture trims for the recessed soffit or "down lights" as shown in the Contract Documents. The existing down light fixture is a Guth Lighting "SEELUX" fixture, catalog number B115. This is a nominal twelve (12) inch, metal halide down light. A cut-sheet for the fixture is attached to this Addendum.*

**Q#12** Electrical question for the Service Plaza Renovations at the Erie Island and Commodore Perry Service Plazas, 53-12-02. Will surface mounted raceway be acceptable for the Gift Shop Area? The wall is brick and block which may require cutting to install raceways. The drawings do not indicate any chase and there are windows above the brick. The difficulty of installing a conduit raceway in the wall could be substantial. A surface mounted raceway on the wall from an existing box would be quicker and cheaper. Please advise.

*A#12 Surface metal raceway is acceptable for the Gift Shop Area only, and it shall be concealed by existing construction and new merchandise fixtures to the greatest extent practicable. The Commission's Representative must approve the location of surface metal raceway runs before its installation, which shall be coordinated with gift shop vendor's merchandise fixture plans. Existing electrical boxes installed in the wall contain circuits that will remain in place; therefore, new circuits shall be routed from overhead. One (1) length of vertical exposed raceway shall be permitted to accommodate all required new gift shop circuits and shall be installed on the backside of the existing column from the ceiling down.*

**Q#13** In summary of work, 01010-1.05.5 "Excluded Items" item A is plumbing. Are the GC's suppose to include this plumbing work in there (sic) bid? or is the work on E3.1 being handled separately?

**A#13** *Summary of Work, 01010-1.05.5 Excluded Items A Plumbing was removed by this Addendum. All Plumbing Work shall be included in the Bid. The Contractor is responsible for final, proper operation of the flushing function and shall immediately notify the Commission's Representative if any of the existing flush valves are in need of replacement before starting Work. The Contractor shall be responsible for furnishing and installing the necessary parts to convert the automatic flush control from battery powered to electrical hardwired type as noted. The Contractor shall provide the 120-volt power for the flush valves as shown. The Contractor shall cause the installation of power converter as shown. The Contractor shall cause the final connection of all of the low voltage cables associated with the flush valve control in accordance with the manufacturer's installation instructions.*

**Q#14** **Drawing E3.1, under Plumbing Notes, it says to " Provide Zurn #ZEMS6000AV-WSI-IS water closet Flush valve and ..... where flush valve shall be replaced.(filed verify)". How many flush valve replacements are we suppose to include, water closet and urinal?**

**A#14** *The flush valve part numbers listed on Sheet E3.1 are for reference only. It is not anticipated that any flush valves will require replacement. Bids should not include any costs for replacing flush valves.*

**Q#15** **If I need to go to the jobsite and look at he (sic) existing flush valves in the chase, who do I contact to set that up?**

**A#15** *Requests to arrange a site visit may be made by contacting the Commission's Procurement Manager, Kevin Golick at 440-234-2081, ext. 1151, or [kevin.golick@ohioturnpike.com](mailto:kevin.golick@ohioturnpike.com).*

**Q#16** **May we have full size set of drawings for the Erie Islands & Commodore Perry Service Plaza Renovations?**

**A#16** *Plan holders may contact Kevin Golick at 440-234-2081, ext. 1151, or [kevin.golick@ohioturnpike.com](mailto:kevin.golick@ohioturnpike.com) to request the plans in an electronic format to print themselves.*

**MODIFICATIONS TO THE STANDARD CONDITIONS AND DRAWINGS UNDER CONTRACT NO. 53-12-02, VIA ADDENDUM NO. 2**

**(BIDDERS ARE ADVISED TO MAKE SURE TO UTILIZE THE ATTACHED REPLACEMENT PAGES).**

**The following changes are made in Contract No. 53-10-01 and 53-10-02:**

Changes to Specification:

Deletions are shown with ~~strikethrough~~ text.  
Additions are shown with ***bold italicized*** text.

Changes to the Drawings:

Additions and deletions are indicated with a cloud and revision triangle thus:



**CHANGE IN SPECIFICATIONS:**

Page 01010-6

SPECIFICATION SECTION 01010 – SUMMARY OF WORK 1.05.5 (A) is amended as follows:

“A. ~~Plumbing Work.~~ ***Not used.***”

**CHANGE IN DRAWINGS:**

Drawing AD.1 (Sheet 2 of 27)

1. Remove the Note in vendor corridor 229 that reads, “~~Remove all rubber floor base this entire corridor as shown.~~”
2. Revised office number 254 to read **239**.
3. Add a Note to office **239** that reads, “***Remove finish floor material and rubber base.***”

Drawing A2.0 (Sheet 5 of 27)

1. Revise the recessed canopy light notes from “~~AT ALL RECESSED CANOPY LIGHT FIXTURES REPLACE FIXTURE TRIM INCLUDING REFLECTOR, LENS AND TRIM RING TO MATCH EXISTING TYP.~~” to read “***AT ALL RECESSED CANOPY LIGHT FIXTURES REPLACED FIXTURE TRIM AND CLEAN THE LENS AND REFLECTOR. RECORD DRAWINGS INDICATE FIXTURE IS A METAL HALIDE GUTH SEELUX RECESSED ROUND DOWN LIGHT. FIELD VERIFY. SALVAGE EXISTING TRIM AND TURN OVER TO THE OTC REPRESENTATIVE.***”
2. Revise Selective Ceiling Plan Requirements No. 2 from: “~~SPRINKLER HEADS SHOWN IN AREAS ARE EXISTING. IN SOUTH LOBBY 202 AND NORTH LOBBY 206, EXISTING SPRINKLER HEADS WILL BE RELOCATED FOR NEW~~”

~~2X2 LAY-IN CEILING SUSPENSION SYSTEM. HEADS SHOWN ARE DESIGN RECOMMENDATIONS ONLY. FINAL LOCATION AND NUMBER BY SPRINKLER CONTRACTOR. ALL HEADS SHALL BE CENTERED WITHIN THE 2X2 TILES, TYPICAL. VERIFY IN FIELD AND ADJUSTED AS NEEDED.~~ to read  
**"SPRINKLER HEADS SHOWN IN AREAS ARE EXISTING. IN SOUTH LOBBY 202 AND NORTH LOBBY 206, EXISTING SPRINKLER HEADS WILL BE RELOCATED FOR NEW 2X2 LAY-IN CEILING SUSPENSION SYSTEM. HEADS SHOWN FOR REFERENCE ONLY. FINAL LOCATION BY SPRINKLER CONTRACTOR. REFER TO FIRE PROJECTION NOTES."**

3. Add the following Notes:

**"FIRE PROTECTION NOTES:**

**MODIFY EXISTING WET SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 13 AND BUILDING CODE (FULLY SPRINKLERED BUILDING) TO ACCOMMODATE NEW CEILING LAYOUT.**

**ALL NEW MATERIALS SHALL BE LISTED.**

**NEW PIPING AND SPRINKLER HEADS SHALL MATCH EXISTING.**

**SUBMIT SHOP DRAWINGS AS REQUIRED FOR FINAL APPROVAL BY AUTHORITY HAVING JURISDICTIONS.**

**ALL TESTS SHALL BE WITNESSED BY THE FIRE CHIEF.**

**THE CONTRACTOR SHALL BE STATE MARSHALL CERTIFIED.**

**ALL SPRINKLER HEADS SHALL BE CENTERED WITHIN THE 2X2 TILES.**

**ALL EXISTING SPRINKLER HEADS COVER PLATES ARE TO BE REPLACED WITH NEW IN ALL PUBLIC SPACES WHERE CEILING IS BEING REPAIRED AND/OR REPAINTED. ALL PRIVATE OWNER AREA HEAD TYPES SHALL REMAIN.**

**THE CONTRACTOR SHALL OBTAIN CURRENT FLOW TEST DATA."**

Drawing A2.1 (Sheet 6 of 27)

1. Revise Selective Ceiling Plan Requirements No. 2 from: ~~"SPRINKLER HEADS SHOWN IN AREAS ARE EXISTING. IN SOUTH LOBBY 202 AND NORTH LOBBY 206, EXISTING SPRINKLER HEADS WILL BE RELOCATED FOR NEW 2X2 LAY-IN CEILING SUSPENSION SYSTEM. HEADS SHOWN ARE DESIGN RECOMMENDATIONS ONLY. FINAL LOCATION AND NUMBER BY SPRINKLER CONTRACTOR. ALL HEADS SHALL BE CENTERED WITHIN THE 2X2 TILES, TYPICAL. VERIFY IN FIELD AND ADJUSTED AS NEEDED."~~ to read  
**"SPRINKLER HEADS SHOWN IN AREAS ARE EXISTING. IN SOUTH LOBBY 202 AND NORTH LOBBY 206, EXISTING SPRINKLER HEADS WILL BE RELOCATED FOR NEW 2X2 LAY-IN CEILING SUSPENSION SYSTEM. HEADS SHOWN FOR REFERENCE ONLY. FINAL LOCATION BY SPRINKLER CONTRACTOR. REFER TO FIRE PROJECTION NOTES."**

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**THE CONTRACTOR SHALL BE STATE MARSHALL CERTIFIED.**

**ALL SPRINKLER HEADS SHALL BE CENTERED WITHIN THE 2X2 TILES.**

**ALL EXISTING SPRINKLER HEADS COVER PLATES ARE TO BE REPLACED WITH NEW IN ALL PUBLIC SPACES WHERE CEILING IS BEING REPAIRED AND/OR REPAINTED. ALL PRIVATE OWNER AREA HEAD TYPES SHALL REMAIN.**

**THE CONTRACTOR SHALL OBTAIN CURRENT FLOW TEST DATA."**

**ATTACHMENTS**

Cut-sheet: Existing recessed soffit or "down light" referenced in response to Q#11

Specifications: Page 01010-6

Drawings: AD.1 (Sheet 2 of 27), A2.0 (Sheet 5 of 27) & A2.1 (Sheet 6 of 27)

Receipt of Addendum No. 2 to Contract No. 53-12-02 is hereby acknowledged:

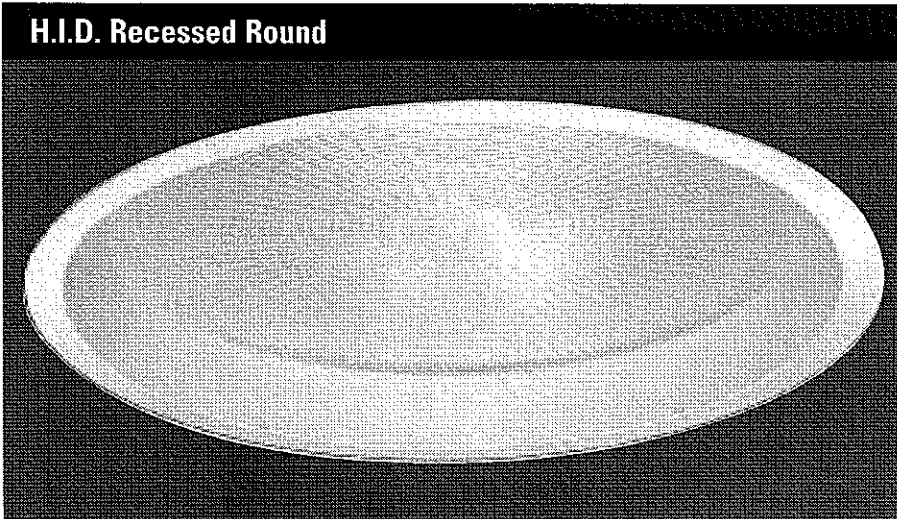
\_\_\_\_\_  
(Firm Name)

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Printed Name)

Date: \_\_\_\_\_

## H.I.D. Recessed Round



### FEATURES

- Up to 250 Watt HID
- Plaster or grid ceiling
- High efficiency Alzak reflector
- Aluminum door
- 85 Watt Induction Lamp
- Pulse start MH

### BENEFITS

- Requires less fixtures
- Lasting appearance
- Indoor & outdoor

### APPLICATIONS

- Canopies
- Corridors
- Commercial
- Schools
- Corrosive environments
- Kitchens

## Specifications/Features

### GENERAL

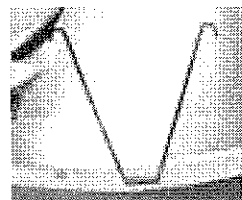
- Standard lens is circular prismatic 3/8" thick sealed in lens frame
- H.I.D. sources up to 250 watt Incandescent sources up to 300 watt
- 1" Regressed trim flange of die-cast aluminum Eliminates high angle glare
- Sealed door frame and lens to prevent air movement past fixture
- Low profile ideal for shallow plenums
- Fits either ceiling grid systems or plaster ceilings.

### CONSTRUCTION

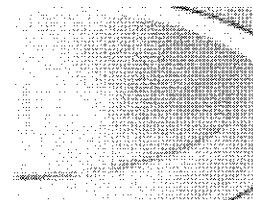
- Electro-galvanized steel mounting pan supports reflector door frame and ballast
- Reflector hydroformed of rigid .060" aluminum with Alzak finish

### DOOR FRAME/LENS

- Die-cast door frame held tightly to ceiling by torsion springs that also hold frame captive when relamping Approximately 13 inches in diameter



*Torsion springs draw door frame tight to ceiling plane.*



*Die-cast door houses prismatic lens for wide light distribution. Deep regressed door keeps energy efficient H.I.D. lamps low in brightness for higher footcandle levels from a single luminaire*

### LISTINGS

- Listed for use in U S A and Canada

### ELECTRICAL

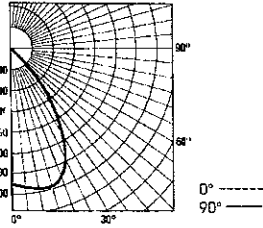
- HID Ballasts for 120 and 277 volt are potted, F can, Class P mounted to steel pan and prewired
- Ballasts for other voltages installed in aluminum ballast housing mounted to steel pan and connected to lampholder and junction box by pre-wired flex conduit.
- All fixtures carry the IBEW Union label to insure quality

## Photometrics

Coefficients of Utilization  
1 Lamp, 175W CLR MH B11-517

Ceiling Refl.	80%			50%			10%		
Wall Refl.	50	30	10	50	30	10	50	30	10
RCR 20% Effective Floor Cavity Reflectance									
1	.71	.70	.68	.67	.66	.65	.62	.62	.61
2	.66	.63	.61	.62	.60	.59	.58	.57	.56
3	.60	.57	.54	.58	.56	.53	.55	.53	.51
4	.56	.52	.49	.54	.51	.48	.51	.49	.47
5	.52	.48	.45	.50	.47	.44	.48	.46	.43
6	.48	.44	.41	.47	.43	.40	.45	.42	.40
7	.45	.41	.38	.44	.40	.37	.42	.39	.37
8	.42	.38	.35	.41	.37	.35	.40	.37	.34
9	.40	.36	.32	.39	.35	.32	.38	.34	.32
10	.37	.33	.30	.37	.33	.30	.36	.32	.30

S/MH Ratio 1:1  
Total Lamp Lumens 15,000  
Fixture Efficiency 65%

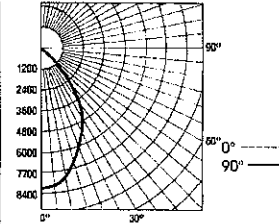


Report No  
P11354A

Coefficients of Utilization  
1 Lamp, 150W CLR HPS B11-520

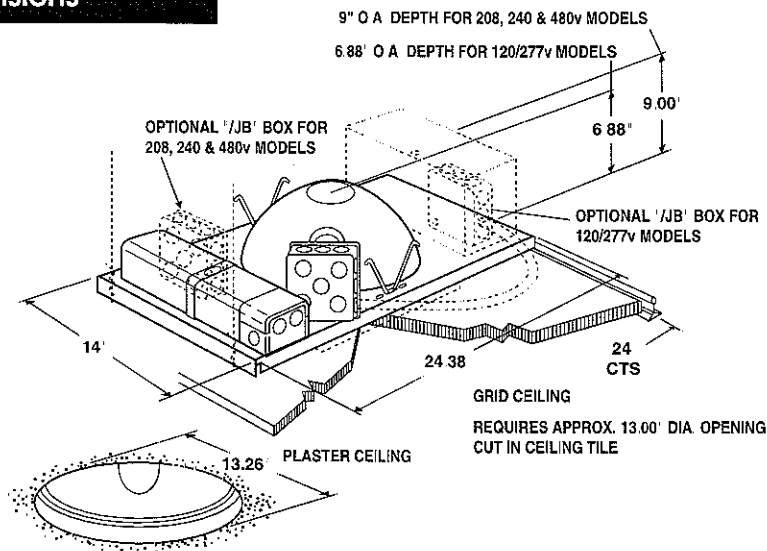
Ceiling Refl.	80%			50%			10%		
Wall Refl.	50	30	10	50	30	10	50	30	10
RCR 20% Effective Floor Cavity Reflectance									
1	.75	.74	.72	.71	.70	.69	.66	.65	.65
2	.69	.67	.64	.66	.64	.62	.62	.60	.59
3	.64	.60	.57	.61	.58	.56	.57	.56	.54
4	.59	.55	.52	.57	.53	.51	.54	.52	.50
5	.55	.50	.47	.53	.49	.46	.51	.48	.45
6	.51	.46	.43	.49	.45	.42	.47	.44	.42
7	.47	.43	.39	.46	.42	.39	.44	.41	.39
8	.44	.40	.36	.43	.39	.36	.42	.38	.36
9	.41	.37	.34	.40	.36	.33	.39	.36	.33
10	.39	.34	.31	.38	.34	.31	.37	.33	.31

S/MH Ratio 1:1  
Total Lamp Lumens 16,000  
Fixture Efficiency 69%



Report No  
P11354

## Dimensions



Note: Uses Horizontal Burning Lamp

## Seelux™ Catalog Numbers

Catalog Number	Description	Total Watts
B11501/120	200-300W INC., PS25 Lamp, 14" Dia.	200-300
B11514/120	250W MH, E-28, BT-28 Lamp, 14" Dia.	295
B11515/120*	35W HPS., E-17 Med Lamp, 14" Dia.	55
B11516/120	50W HPS., E-23-1/2 Lamp, 14" Dia.	65
B11560/120	70W MH., ED-17 Lamp, 14" Dia.	90
B11561/120	100W MH., ED-17 Lamp, 14" Dia.	125
B11562/120	150W MH., ED-17 Lamp, 14" Dia.	185
B11517/120	175W MH, BT-28 Lamp, 14" Dia.	215
B11518/120	70W HPS., E-23-1/2 Lamp, 14" Dia.	94
B11519/120	100W HPS., E-23-1/2 Lamp, 14" Dia.	130
B11520/120	150W HPS., E-231/2 Lamp, 14" Dia.	188
B11565/120	85W QL Induction Lamp, 14" Dia.	85

\*No. 277V, reactor ballast only

Note: Listed and tested inside a box Size: 47" x 47" x 11"

Guth utilized the services of U.L. and ETL for listing products.  
Specifications and data are subject to change without notice.

## Options

"/FF" - Fixture Fuse  
"/JB" - Thru-wire Junction Box  
"/NL" - Nite Lite (Maximum 40W)  
"/TP" - Tamper Proof Screws  
"/ISL" - Instant Standby Quartz  
"/LIP" - 2' x 2' Grid Metal Lay-In Pan  
"/PS" - Pulse Start Metal Halide

### Project Name:

Type	Catalogue Number	Lamp	Comments

**GUTH**  
a GENLYTE company

H 4  
R7/07



## **TECHNICAL SPECIFICATIONS**

- C. For access to high work areas, the General Contractor shall utilize electrically operated lift devices only. No gasoline or diesel units shall be permitted. It is the intent of the Commission to not have any scaffolding used on this project. Should the General Contractor wish to use scaffolding, it must first present a plan for its use and then obtain the permission of the Commission.
- D. During the course of painting work, the General Contractor shall provide fans or other means of expelling excess fumes out of the buildings.
- E. When Work is to be performed near a building entrance/exit, the timing of this work must be coordinated with the Commission in advance. No entrance/exit shall ever be completely blocked off from public use.
- F. The General Contractor shall coordinate all restroom work with the Commission. Work shall be scheduled so that only one side of the public restrooms is affected at a time. Barricaded entrances shall be provided for the men/women restrooms to shield the restrooms that are in use.
- G. The Commission may have other Contractors on site performing work at the same time as this Contract work is occurring. The General Contractor shall not interfere with this other work and shall coordinate with the Commission during these times.
- H. The General Contractor shall provide appropriate and adequate temporary signage that notifies the general public of hazards and open or closed areas/facilities, etc.
- I. The General Contractor shall note that the scope of its Work is to include Work for two (2) identical Service Plaza buildings. The Site Plans indicate the locations of both buildings. The building Plans are shown only once, but are indicative of both the Erie Islands and Commodore Perry Buildings.

### **1.05.5 EXCLUDED ITEMS**

- A. ~~Plumbing Work.~~ *Not Used.*
- B. HVAC Work.

**End of Bid Package – General Contract**

## **END OF SPECIFICATION SECTION 01010 SUMMARY OF WORK**