



690 Chesterfield Pkwy W • Chesterfield MO 63017-0760 Phone: 636-537-4000 • Fax 636-537-4798 • www.chesterfield.mo.us

# **Planning Commission Staff Report**

Meeting Date: June 13, 2022

From: Shilpi Bharti, Planner

Location: 633 S. Goddard Ave.

**Description:** <u>633 S. Goddard Ave. (Lighting Plan):</u> A Lighting Plan for a 5.50-acre tract of land zoned "M3" – Planned Industrial District, located on the west side of Goddard Avenue, south of its intersection with Chesterfield Airport Road (17V230132).

## PROPOSAL SUMMARY

Michael Ott, on behalf of Legacy Performance, LLC, has submitted a request for a Lighting Plan for a 5.50acre recreational facility located in a Planned Industrial District. The applicant is requesting the Lighting Plan to allow for six (6) outdoor lighting poles for a multi-purpose field, with a mounting height of 70'0" and illumination levels that range between 24 and 63 footcandles (Fc) onsite. Only one type of fixture is requested as part of this request.



Figure 1: Subject Site Aerial

## **HISTORY OF SUBJECT SITE**

- 1998—Ordinance 1430 becomes governing ordinance for large "M3" District, including subject site.
- 2020—Interior Finish MZA approved to convert warehouse buildings on site into recreational facility complex.
- 2021—Grading Permit issued to remove pavement in southwest corner of property and replace with grass as part of repurposing of property from industrial to recreational use. Site Development Plan also approved for multipurpose field in southwest corner of property for synthetic turf on multipurpose field.

## ZONING AND LAND USE

The Site is currently zoned "M3"—Planned Industrial District under the provisions of Ordinance 1430, which allows the current use—Recreational Facility as a permitted use. The surrounding zoning and land uses are listed in the table below:

Direction	Zoning (this should be bolded)	Land Use
North	"PC"—Planned Commercial District	Vacant
South	"M3"—Planned Industrial District	Warehouse/Distribution
East	"M3"—Planned Industrial District	Office/Warehouse
West	"M3"—Planned Industrial District	Recreational Facility

Table 1: Adjacent Zoning and Land Use

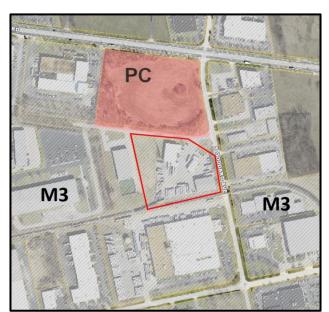


Figure 2: Zoning Map

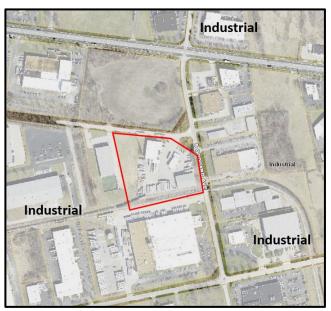


Figure 3: Land Use Map

## **STAFF ANALYSIS**

## Lighting

Though the site is governed under the provisions of Ordinance 1430 (adopted in 1998), the development criteria within this ordinance does not entail any provision of lighting standards, other than general compliance with Federal Aviation Administration (FAA) regulations. To this end, the applicant has supplied preliminary approval from the FAA, confirming that this request will not adversely impact air navigation.

The Unified Development Code (UDC) provides criteria for both illumination level and mounting height for site lighting throughout the City: All commercial illumination is limited to a maximum of 8 foot-candles (Fc). Specific exceptions to this requirement are made for certain uses, such as ATMs and gas station canopies. The applicant is requesting an illumination level reaching 63 Fc in some areas of the plan.

The maximum mounting height for all site lighting standards is twenty (20) feet. The applicant is requesting six (6) freestanding lighting poles with a mounting height of 70 feet each.

Code states that such requests for illumination level and mounting height require a statement from a qualified lighting designer providing industry standards and information substantiating the request. The applicant has provided this document, which is included in the packet.

Additionally, the UDC has specific requirements for Recreational Facilities. In addition to complying with the lighting standards of the UDC, such provisions require that illumination shall not be permitted after 10:30 PM, except to conclude a scheduled event that was already in progress. The applicant has supplied a comment on the plan confirming that the site will comply with this requirement.

Code also states that all outdoor lighting for recreational facilities must be fully shielded to prevent light spillage and glare. The proposed fixture includes a partial shield to direct illumination on to the multi-purpose field. However, spillage onto an adjacent property is shown levels as high as 15 Fc, as indicated on the plan.

The Plan and Cutsheets for this fixture are included in the Planning Commission packet.

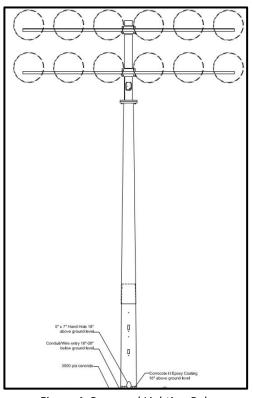


Figure 4: Proposed Lighting Pole



Figure 5: Proposed Lighting Fixture

## **STAFF RECOMMENDATION**

Staff has reviewed this proposed development and recommends action by Planning Commission regarding this request.

## MOTION

The following options are provided to the Planning Commission for consideration relative to this application:

- 1) "I move to approve (or deny) the Lighting Plan for 633 S. Goddard, as presented."
- 2) "I move to approve the Lighting Plan for 633 S. Goddard, with the following conditions..." (Conditions may be added, eliminated, altered or modified)

Attachments: Lighting Plan Packet



# Lighting Proposal for Legacy Performance Zone, LLC

Good evening! My wife Kelly and I are extremely grateful for your time this evening to present something we believe will add significant value to the Chesterfield Community and Chesterfield Valley.

Two years ago, we purchased the property at 633 Goddard Ave. which was extremely distressed with trash covering the property and flowing into the drainage basin that runs throughout Spirit Airpark, concrete everywhere that flooded every time it rained, and buildings infested with rodents and trash to name a few. We have invested significant time, money and energy in an effort to create a facility for the youth of our community that allows them to socialize with friends, exercise and improve both mental and physical strength, and get better in the activities they love. This project will only help to further our objective in working to improve the lives of those who walk onto our property. We have three kids of our own and have seen the toll these past few years have taken on our children. That was our inspiration to take on this challenge and do what we can to help the kids in our community and truly give them a place they can go get back to life as they know it and frankly, the life they deserve.

Again, we cannot thank you enough for taking time to review this project and we look forward to working with the City of Chesterfield to see this through.

Sincerely Mike and Kelly Ott



Simply Bright Ideas, Inc. 1600 Heritage Landing, Suite 209 St. Charles, MO 63303 Phone # (314) 718-1688 Service@SimplyBrightIdeas.com www.SimplyBrightIdeas.com

May 18, 2022

RE: Legacy Performance Zone lighting

To whom it may concern:

The purpose of this letter is to address the concerns/comments brought up in the May 9<sup>th</sup> letter by the city of Chesterfield in regards to the field lighting plan at 633 S. Goddard Ave.

First I'd like to introduce myself: I am a lighting designer and an expert in the field, as well as the local representative of the Techline/GeoSport brand of sports lighting systems. I've personally done lighting designs for 100's of projects including about 100 sports fields in my 15+ years in the industry. Techline/GeoSport have done over 3,000 installations across the country including Superbowls and even the Miami Dolphins and Altanta Falcons stadiums. Some of those references should have been included in our original plans provided. Please also note that we follow all IESNA standards to provide proper and safe lighting for sports venues, which includes both the players and spectators. Those standards will be referenced in my responses to comments 1-4 from the city's letter:

- 1) I have provided a photometric plan that now shows the entire site. Also, please note that we provided all information to the both the nearby airport and FAA and have received formal FAA approval.
- 2) With regards to mounting heights of lights, it is simply impossible to light most sports from only 20' off the ground. Especially sports in which a ball or object is often as high as 100' in the air. Pole heights for any sport are determined by the aiming angles required to reach all areas of the field uniformly, while also reducing glare. The IESNA standards (RP6) requires pole heights for multipurpose athletic fields to be a minimum of 70' above grade. Anything less than this is unsafe for players, coaches, and spectators at the site.

- 3) IESNA defines a Class III facility as a training facility with spectators, for up to an amateur or high school level of play. IESNA standards for a Class III field require the average maintained light level of the main field to be 50 footcandles with a uniformity ratio of 2.0:1 max/min or less. The outer portion of the playing area is required to maintain a 30 footcandle average at no greater than a 2.5:1 max/min uniformity ratio. While 8 FC of illumination is perfectly acceptable/normal in parking lots and other areas, which as I understand it is why that is the City Code, it would not make for a safe lighting situation at an athletic facility. Everyone at the field needs the required 50/30FC as described above to be able to see a fast moving object and use the site safely.
- 4) The owner of the property certifies that the athletic lighting will be turned off every night at no later than 10:30pm as per City Code. I am supplying the Legacy Performance Zone with a programmable control system which will have a set schedule to turn off the athletic lights at the specified time. This will be automated to occur every night, and I will personally train the owners on the use of the control system and assist them on-site in programming the lights for an automatic nightly shutoff at 10:30pm.

I hope this answers everyone's questions. I'm happy to answer anything further and you are welcome to contact me directly.

Sincerely,

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Brian Brader Simply Bright Ideas, Inc.

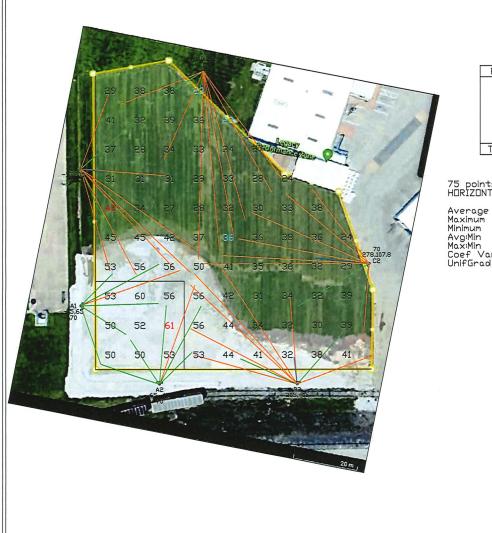
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# Simply Bright Ideas, Inc. Lighting Design



#### Brian Brader

Simply Bright Ideas office: (314) 718-1688 mobile: (314) 922-3766 Brian@SimplyBrightIdeas.com



Pole	x-loc	y-loc	height	М	W	E₩	Total	кw
A1	-15	65	70ft	1	5		6	3.9
A2	65	-15	70ft	1	5		6	3,9
B1	-15	205	70ft	7	2	1	10	6.5
B2	205	-15	70ft	7	2	1	10	6.5
C1	110	305	70ft	8	2		10	6.5
C2	278	107.8	70ft	7	2	1	10	6.5
Total				31	18	3	52	33.6

			275′/280>
75 po	ints (2	5 FOOTCAN	, 50
HURIZI			Infield
Avera		33	50
Maximu	im	42	61
Minimur		23	36
AvgiMir	ר	1.44	1.38
Max:Mir Coef		1.83 0.15	1.69 0.14
UnifGr		1.65	1.35

) at z=3, sp 30ft by 30ft

Μ

EW CLIR 630 EV EW Light Loss Factor = 0.900 Watts per luminaire = 646 Number luminaires used = 3 kw these luminaires = 1.9

#### W CLIR 630 EV W Light Loss Factor = 0.900 Watts per luminaire = 646 Number luminaires used = 18 kw these luminaires = 11.6

#### CLIR 630 EV M

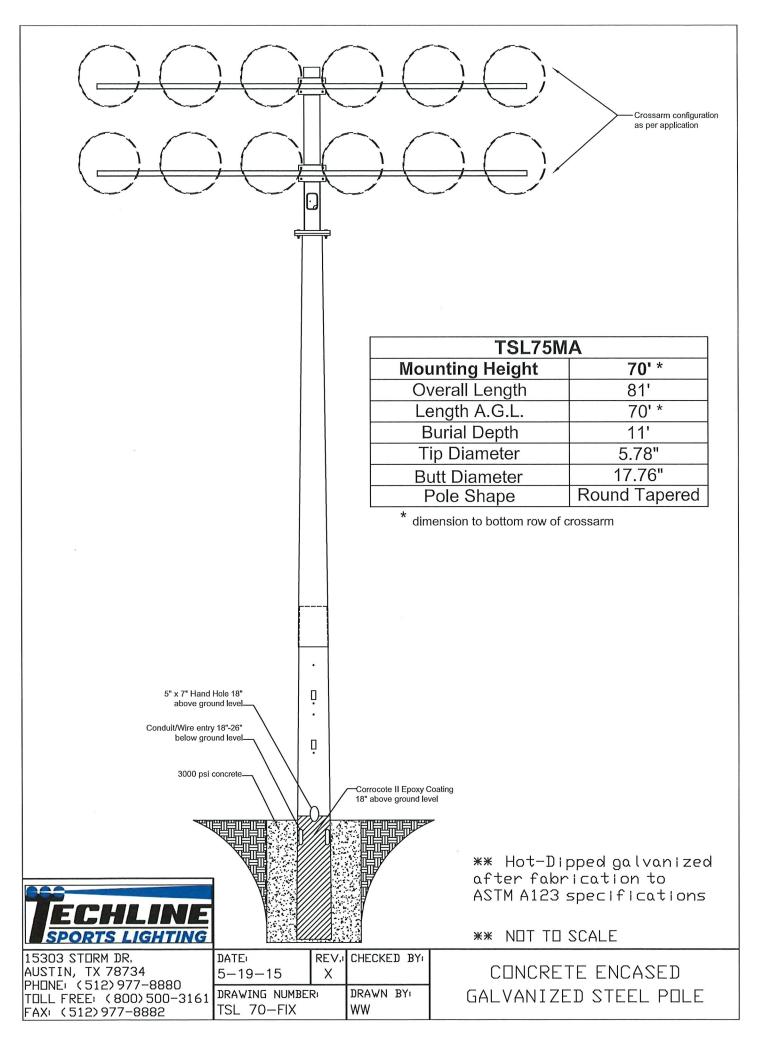
Light Loss Factor = 0.900 Watts per luminaire = 646 Number luminaires used = 31 kw these luminaires = 20.0

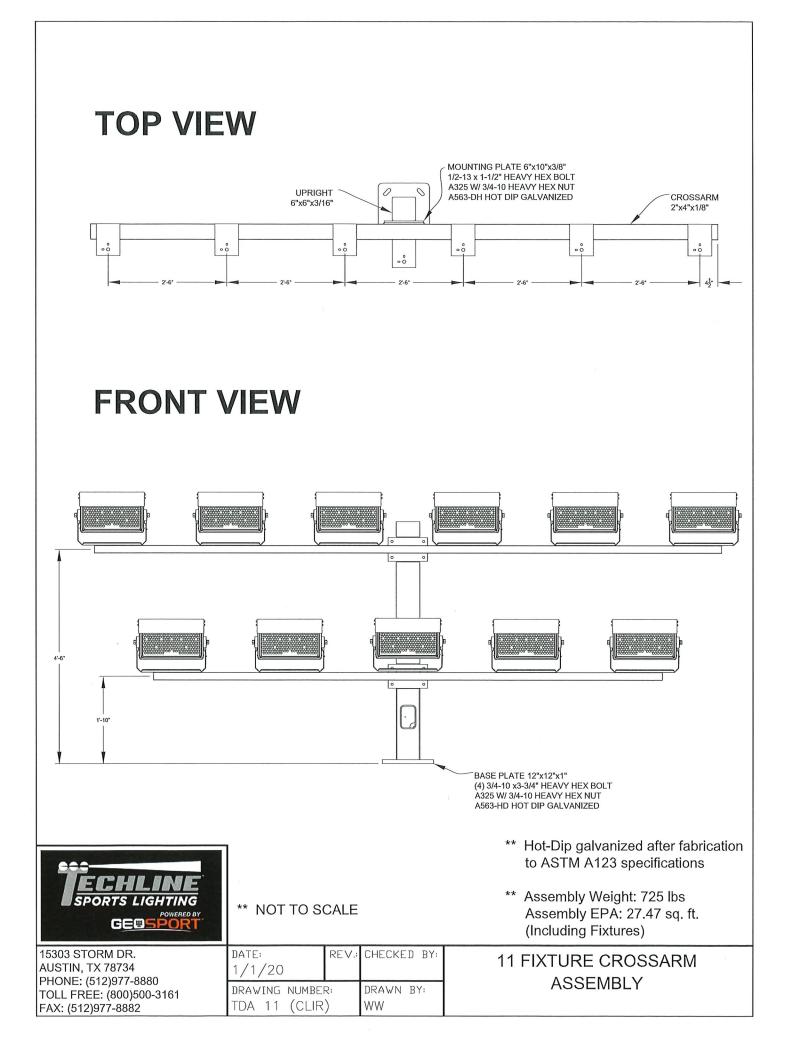


OM LEGACY PERFORMANCE ACADEMY CHESTERFIELD, M

DRAWN BY: JCIE Date:2/14/2022 SCALE:NTS

Page:1 of 1 Dwg #:22-4575





Simply Bright Ideas, Inc. | Ph: (314)718-1688









# SYSTEM SPECIFICATIONS

# **High Performance Sport Lighting System**

Housing Material: Aluminum Powder Coated

CLIR Module: Open OR Closed

System Watts: 630W

**CCT:** 5700K

**CRI:** >70Ra

Input Voltage: 208-480V

Weight of Fixture: 32 lbs EPA: 1.4 Power Factor: 0.95

**THD: <**15%

Input Protection: 10kA Current Surge

Driver: Integral / Remote

**Operating Temp Range:** -40° Cto +55° C

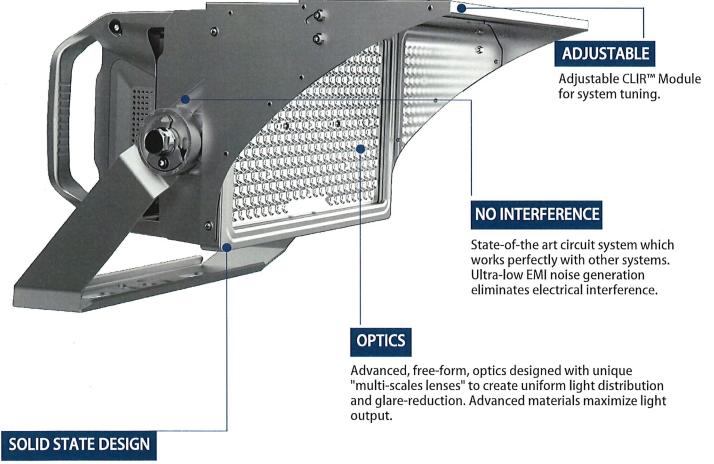
IP Rating: IP66 / IP68

Beam Angle: Narrow/Medium/Wide/Extra Wide





# ELITE CLIR™ SERIES



Unique "SSD" design, simple and advanced. Ensures durability of LED chip. All parts are individual, rugged and strong.

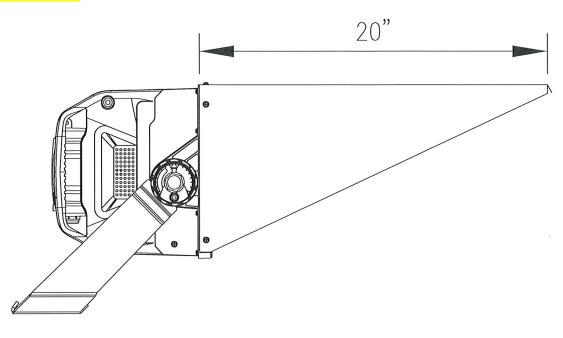




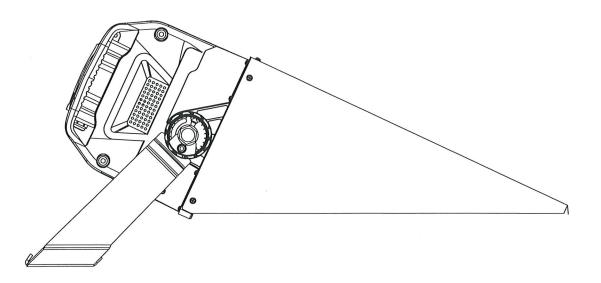
# ELITE SERIES CLIR 630w - Extended Visor

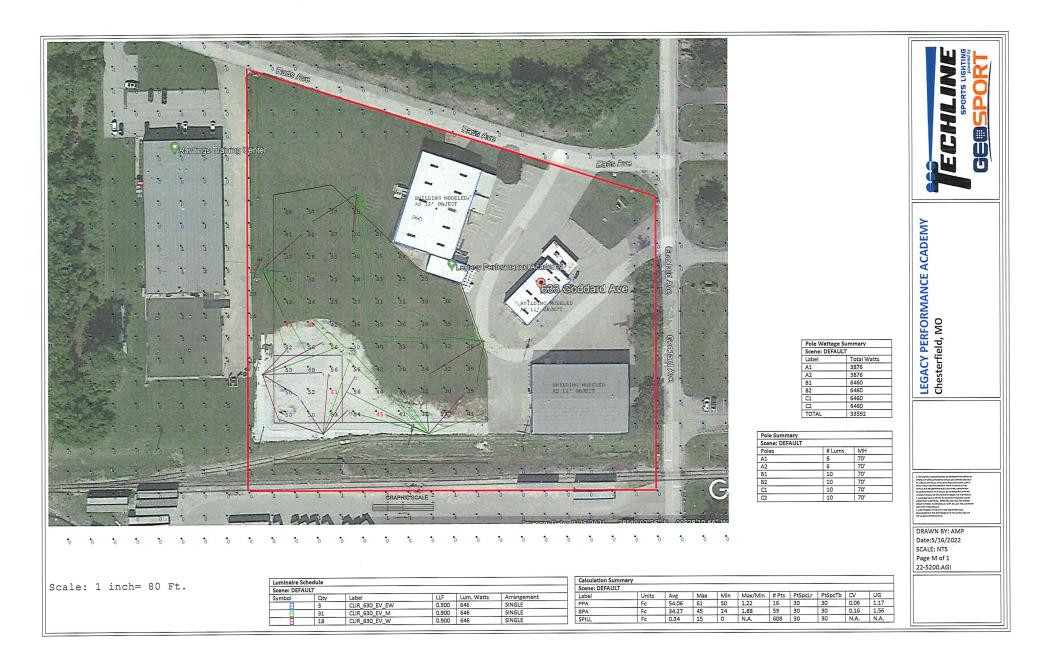
**TECHNICAL DATA** 

\*SPECIAL ORDER OPTION



Fixture Aimed 25° Below Horizontal







Mail Processing Center Federal Aviation Administration Southwest Regional Office Obstruction Evaluation Group 10101 Hillwood Parkway Fort Worth, TX 76177

Issued Date: 03/07/2022

Brian Brader Simply Bright Ideas, Inc. 1600 Heritage Landing Suite 209 St. Charles, MO 63303

### **\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Light Pole Pole A1 - Legacy Performance Zone
Location:	Chesterfield, MO
Latitude:	38-40-00.48N NAD 83
Longitude:	90-38-12.62W
Heights:	463 feet site elevation (SE)
	76 feet above ground level (AGL)
	539 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

At least 10 days prior to start of construction (7460-2, Part 1)

X Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/ lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 M.

This determination expires on 09/07/2023 unless:

- (a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
- (b) extended, revised, or terminated by the issuing office.
- (c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.This determination includes all previously filed frequencies and power for this structure.

If construction or alteration is dismantled or destroyed, you must submit notice to the FAA within 5 days after the construction or alteration is dismantled or destroyed.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

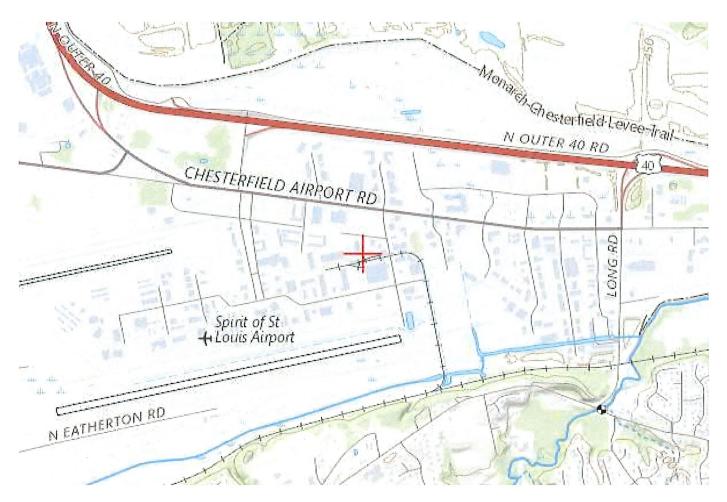
This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

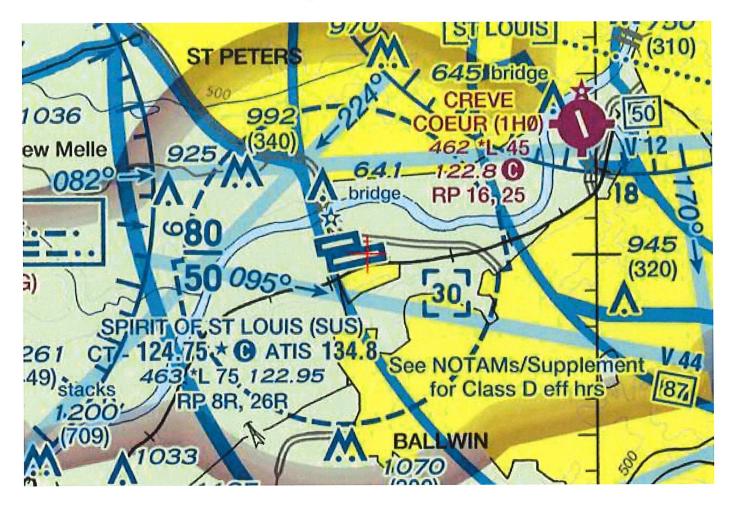
If we can be of further assistance, please contact our office at (816) 329-2508, or vee.stewart@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2022-ACE-1479-OE.

Signature Control No: 512049237-516353614 Vee Stewart Specialist (DNE)

Attachment(s) Map(s)

# TOPO Map for ASN 2022-ACE-1479-OE







Mail Processing Center Federal Aviation Administration Southwest Regional Office Obstruction Evaluation Group 10101 Hillwood Parkway Fort Worth, TX 76177

Issued Date: 03/07/2022

Brian Brader Simply Bright Ideas, Inc. 1600 Heritage Landing Suite 209 St. Charles, MO 63303

### **\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Light Pole Pole B1 - Legacy Performance Zone
Location:	Chesterfield, MO
Latitude:	38-40-01.85N NAD 83
Longitude:	90-38-13.01W
Heights:	463 feet site elevation (SE)
	76 feet above ground level (AGL)
	539 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

\_\_\_\_At least 10 days prior to start of construction (7460-2, Part 1)

\_X\_\_ Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/ lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 M.

This determination expires on 09/07/2023 unless:

- (a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
- (b) extended, revised, or terminated by the issuing office.
- (c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

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This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

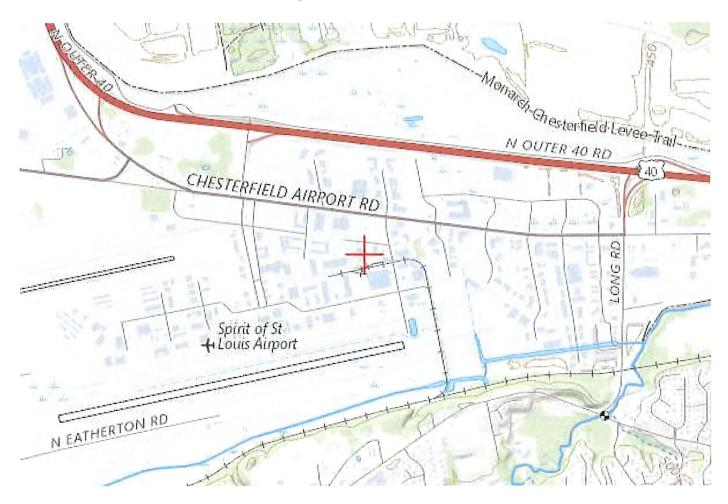
If we can be of further assistance, please contact our office at (816) 329-2508, or vee.stewart@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2022-ACE-1481-OE.

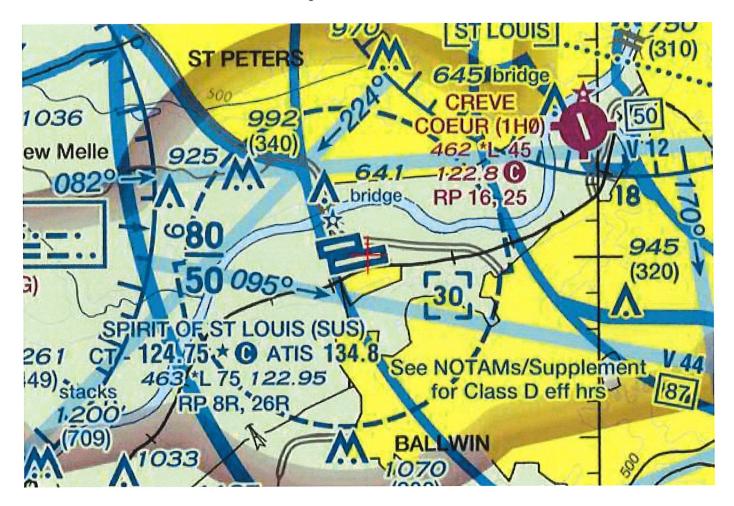
## Signature Control No: 512049707-516353610

Vee Stewart Specialist (DNE)

Attachment(s) Map(s)

# TOPO Map for ASN 2022-ACE-1481-OE







Mail Processing Center Federal Aviation Administration Southwest Regional Office Obstruction Evaluation Group 10101 Hillwood Parkway Fort Worth, TX 76177

Issued Date: 03/07/2022

Brian Brader Simply Bright Ideas, Inc. 1600 Heritage Landing Suite 209 St. Charles, MO 63303

#### **\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Light Pole Pole B2 - Legacy Performance Zone
Location:	Chesterfield, MO
Latitude:	38-40-00.13N NAD 83
Longitude:	90-38-09.70W
Heights:	463 feet site elevation (SE)
0	76 feet above ground level (AGL)
	539 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

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\_X\_\_ Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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- (c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

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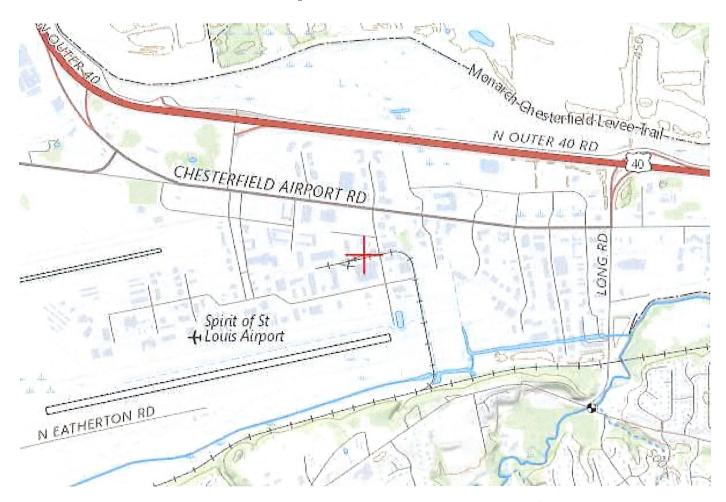
If we can be of further assistance, please contact our office at (816) 329-2508, or vee.stewart@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2022-ACE-1482-OE.

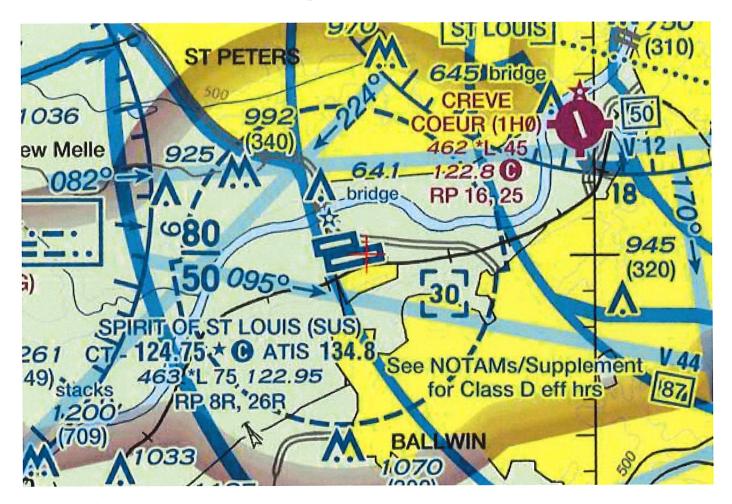
### Signature Control No: 512049788-516353612

Vee Stewart Specialist (DNE)

Attachment(s) Map(s)

## TOPO Map for ASN 2022-ACE-1482-OE







Mail Processing Center Federal Aviation Administration Southwest Regional Office Obstruction Evaluation Group 10101 Hillwood Parkway Fort Worth, TX 76177

Issued Date: 03/07/2022

Brian Brader Simply Bright Ideas, Inc. 1600 Heritage Landing Suite 209 St. Charles, MO 63303

#### **\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Light Pole Pole C1 - Legacy Performance Zo	one
Location:	Chesterfield, MO	
Latitude:	38-40-03.04N NAD 83	
Longitude:	90-38-11.71W	
Heights:	463 feet site elevation (SE)	
	76 feet above ground level (AGL)	
	539 feet above mean sea level (AMSL)	

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X Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

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Page 1 of 4

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.This determination includes all previously filed frequencies and power for this structure.

If construction or alteration is dismantled or destroyed, you must submit notice to the FAA within 5 days after the construction or alteration is dismantled or destroyed.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

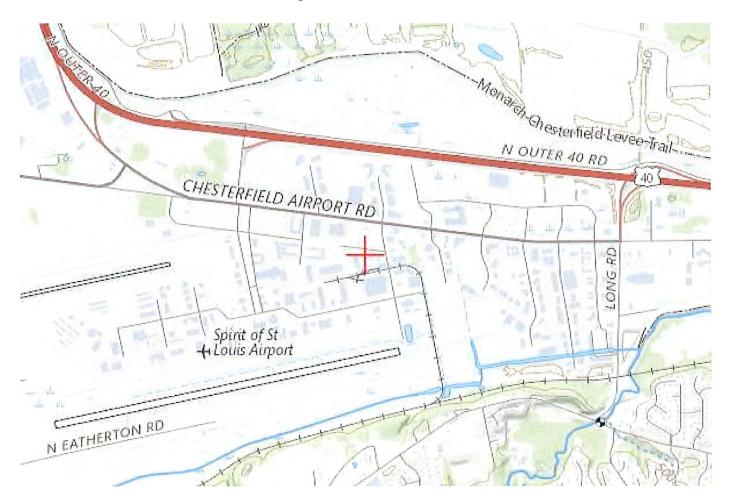
This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

If we can be of further assistance, please contact our office at (816) 329-2508, or vee.stewart@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2022-ACE-1484-OE.

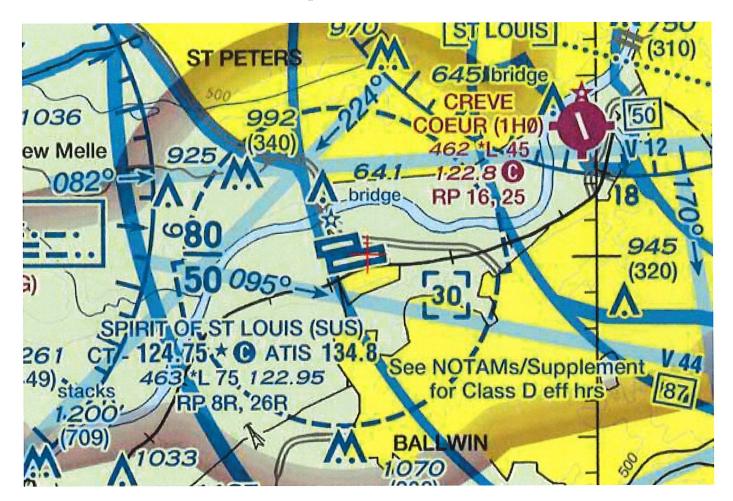
**Signature Control No: 512050049-516353611** Vee Stewart Specialist (DNE)

Attachment(s) Map(s)

## TOPO Map for ASN 2022-ACE-1484-OE



## Sectional Map for ASN 2022-ACE-1484-OE





Mail Processing Center Federal Aviation Administration Southwest Regional Office Obstruction Evaluation Group 10101 Hillwood Parkway Fort Worth, TX 76177

Issued Date: 03/07/2022

Brian Brader Simply Bright Ideas, Inc. 1600 Heritage Landing Suite 209 St. Charles, MO 63303

## **\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Light Pole Pole C2 - Legacy Performance Zone
Location:	Chesterfield, MO
Latitude:	38-40-01.48N NAD 83
Longitude:	90-38-09.36W
Heights:	463 feet site elevation (SE)
	76 feet above ground level (AGL)
	539 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

At least 10 days prior to start of construction (7460-2, Part 1)

X Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/ lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 M.

This determination expires on 09/07/2023 unless:

- (a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
- (b) extended, revised, or terminated by the issuing office.
- (c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA. This determination includes all previously filed frequencies and power for this structure.

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This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

If we can be of further assistance, please contact our office at (816) 329-2508, or vee.stewart@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2022-ACE-1485-OE.

Signature Control No: 512050154-516353609 Vee Stewart Specialist (DNE)

Attachment(s) Map(s)

## TOPO Map for ASN 2022-ACE-1485-OE

