



**FACILITIES AND FINANCE COMMITTEES OF THE BOARD OF EDUCATION
LYONS TOWNSHIP HIGH SCHOOL DISTRICT 204**

**Virtual Meeting
100 South Brainard Avenue
La Grange, Illinois 60525
Tuesday, April 13, 2021 - 7:00 AM**

AGENDA

Details to join the virtual meeting will be posted on the BOE/Meeting Dates page on the District's website.

I. Finance Committee

- A. Grant-Funded and Furniture Capital Outlay Requests for FY22 Budget 2
- B. ESSER Grant Funds Update

II. Facilities Committee

- A. Bennett Field Scoreboard Replacement 5

BY ORDER OF
MR. GEORGE R. DOUGHERTY AND
MR. MICHAEL THOMAS, CHAIRPERSONS
LYONS TOWNSHIP HIGH SCHOOL DISTRICT 204
100 SOUTH BRAINARD AVENUE
LA GRANGE, IL 60525

LYONS TOWNSHIP HIGH SCHOOL

DISTRICT 204 OFFICES 100 S. Brainard Ave., LaGrange, IL 60525-2101
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Brian Stachacz
Director of Business Services

Memorandum

To: Dr. Tim Kilrea, Finance Committee
From: Brian Stachacz
Date: 4/9/2021
Re: Capital Outlay Requests for FY22

Information: Attached you will find a list of capital outlay requests for the FY22 budget. The list that is presented for Committee review has two separate sections. The first section is a list (lines 3-18) of items that can be paid for with allotted grant money as noted on the spreadsheet. The total cost for that section is estimated to be \$63,134. The second section (lines 23-29) is a list of items that should be purchased for the 2021-2022 school year, as they are replacement/additional items for classroom instruction and for furniture that is no longer functional. The total cost for that section is estimated to be \$31,770. We would ask that these items be approved during the April Board of Education meeting so that furniture orders can be placed and the grant applications can be completed within the appropriate timelines.

In addition to the requests presented here, there are additional requests that do not fall in to the categories listed above. Those requests will be brought forward for review and potential approval after additional administrative review and recommendation, most likely during the May meetings.

Should you have any questions regarding this information, please do not hesitate to contact me.

	B	D	E	F	G	H	I
1	Department	ItemDescription	Quantity	UnitPrice	ExtendedPrice	Priority	Justification
2	Grant Funded Capital Outlay Requests for FY22 Budget						
3	Applied Tech	Grizzly Jointer plus Dispoz-A-Blades & shipping	1	\$2,170	\$2,170	2	We need another jointer to help relieve the bottleneck at the jointer we already have. Having two jointers will help our students be able to get more work done during each period. This model has wheels built into it, so it would be easy to move about the shop as needed. The Dispoz-A-Blades are for fast and accurate blade changing. We have them on the jointer we currently own.
4	Applied Tech	Kreg Router Tables and Lifts Furniture Courses	4	\$1,200	\$4,800	2	We rely on these tables for a lot of our woodworking projects in each class and sometimes we need to leave them set up for long periods of time. We would like to also purchase the router table lift mechanisms to go with each router table to be able to make safe and accurate adjustments. Price is for tables, lifts and shipping.
5	Applied Tech	Original Prusa i3 MK3S+ 3D printer for engineering courses.	6	\$1,274	\$7,644	2	These are for Engineering courses so that students can create their designs. It will allow them to produce the digital work they create and test and evaluate their designs. This will also lead to more use for all students since we will be able to handle the printing load by having multiple printers. This cost includes printer, Dewalt 4-Tier shelving unit, filament and shipping.
6	Business Education	A+ PC Repair computers and supplies.	1	\$7,842	\$7,842	1	PC Repair classes have increased. For the 20/21 school yr, PC Repair ran at north campus for the first time in 2-3 yrs. Finding computers to accommodate this class was a struggle. We were able to source 14 older desktop computers for our students to use. Each PC is 7-8 years old & do not meet hardware & software requirements. To properly educate our students in current technology & software we would like to purchase the parts to build 16 new desktops.
7	Business Education	Programming in Python Supplies	1	\$1,920	\$1,920	2	Due to the increased use of python worldwide, our students are eager to learn this programming language. We would like to order Raspberry Pi microcomputers & accessories to show our students how their written programs can interact directly with hardware. The Raspberry Pi Foundation specifically selected Python as the main language because of its power, versatility, & ease of use. Python comes preinstalled on the Raspbian operating system so you'll be ready to start as a novice to build skills.
8	Education TV Services	iMac Pro Editing Computers	2	\$6,500	\$13,000	1	These computers will replace the older staff iMacs which were purchased in 2013 and 2014. 3.0GHz 10-core Intel Xeon W processor, Turbo Boost up to 4.5GHz 64GB 2666MHz DDR4 ECC memory Radeon Pro Vega 64 with 16GB of HBM2 memory 1TB SSD storage
9	Education TV Services	Blackmagic Design ATEM Television Studio Pro 4K Live Production Switcher	1	\$3,000	\$3,000	1	These components will replace the Tricaster Mini HD production switcher which was purchased in 2014 and is no longer functioning.
10	Education TV Services	Blackmagic Design Smart Videohub 12 x 12 6G-SDI	1	\$1,400	\$1,400	1	These components will replace the Tricaster Mini HD production switcher which was purchased in 2014 and is no longer functioning.
11	Education TV Services	Blackmagic Design ATEM Mini Extreme	1	\$1,000	\$1,000	1	These components will replace the Tricaster Mini HD production switcher which was purchased in 2014 and is no longer functioning.
12	Education TV Services	Blackmagic Design HyperDeck Studio Mini	2	\$700	\$1,400	1	These components will replace the Tricaster Mini HD production switcher which was purchased in 2014 and is no longer functioning.
13	Education TV Services	NewTek Spark Plus I/O SDI	2	\$800	\$1,600	1	These components will replace the Tricaster Mini HD production switcher which was purchased in 2014 and is no longer functioning.
14	FCLS	Replacement of damaged freezer	1	\$3,668	\$3,668	1	Replace damaged freezer with same model. Sometime during the pandemic, the freezer was either damaged or broke. Chicken was left in freezer. Since it was there for so long the horrible smell can not be removed. True T-23F-HC Reach-in Solid Swing Door Freezer with Hydrocarbon Refrigerant, Holds -10 Degree F, 78.375" Height, 29.5" Width, 27" Length

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Brian Stachacz
Director of Business Services

Memorandum

To: Dr. Tim Kilrea, Facilities Committee
From: Brian Stachacz
Date: 4/9/2021
Re: Bennett Field Scoreboard Replacement

Information: In the early spring of 2020, John Grundke had discussions with the LT Boosters regarding funding for replacement of the Bennett Field Scoreboard. The thought is to replace the current scoreboard with one that has a multimedia LED video display. The LT Boosters agreed to providing funding up to \$59,000 for the new scoreboard. After discussing this situation with John, I contacted the Village of Western Springs to find out if we would face any restrictions with they type of a scoreboard. Unfortunately, the onset of the Pandemic derailed our conversations at that point due to the need to focus on other items and that lack of need for a new scoreboard at that time.

As we are preparing for the beginning of the 2021-2022 school year and what may (hopefully) be a normal fall athletic season, we re-engaged with the Village to discuss this process. I have had several conversations with Martin Scott, Director of Community Development, and he has outlined the process to replace the scoreboard. Mr. Scott has explained that the new LED video scoreboard would require an amendment to the existing conditional use permit for the property. The amendment is necessary because the Village's zoning regulations state that "any modifications or intensification" to an existing conditional use permit requires a new permit or an amendment to the existing permit.

In order to obtain the permit amendment, there will be several written documents required that explain the changes and why they are being made. Additionally, representatives from the District will be meeting with a Planning and Zoning Committee, the Planning Commission and then the Village Board to present the request for the scoreboard. Mr. Scott explained that the final approval would most likely come at the end of June, if all goes well, but also noted that there could be opposition from community members.

I have attached for your review, the written communication from Mr. Scott that outlines the process for the amendment. Additionally, I have attached information about a possible scoreboard option for purchase. We will discuss this item in further detail during the meeting.

Should you have any questions, please do not hesitate to contact me.



March 15, 2021

Via email only to bstachacz@lths.net

Mr. Brian Stachacz
Director of Business Services
Lyons Township HS District 204

PRESIDENT

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Grace Turi

Pat Schramm

Martin Scott

Matthew Supert

Brian Budds

Ellen Baer

Aleks Briedis

James Tock

Michael Kelly

Re: Lyons Township High School District 204 - Proposed amendment to a conditional use permit to allow a new scoreboard

Dear Brian,

The District 204 proposal for a new scoreboard requires an amendment to the existing conditional use permit (CUP) for the property. The school is designated as a conditional use since it is located in the R-2 (residential) zoning district and has unique characteristics (similar to a church, day care center, etc.). The CUP amendment is necessary since the Village's zoning regulations state that "any modifications or intensification" of the use requires a new conditional use permit (or an amendment).

The proposed amendment requires review by Village staff, the Village Attorney, the Planning and Zoning Committee, Plan Commission, and Village Board. More specifically, the process would be as follows:

- Your current submittal, a six page set of illustrations, can be presented to the Planning and Zoning Committee within the next 1-2 weeks. The Committee is comprised of two Village Trustees who conduct a public meeting to informally discuss various projects. A formal application is not necessary but your set of illustrations will need to be accompanied by a cover letter that explains the need for the sign, location map, preferred option, and sign details (such as height from the ground, light measurement, etc.).
- Following the review by the Planning and Zoning Committee, the complete application/petition would then be submitted in accordance with the attached excerpts listing items required for a conditional use.
- Staff (including possibly a consulting arborist) would review the information and provide comments in writing. It is recommended that a Zoom or in-person meeting between the staff (and the sign contractor if needed) take place to discuss the review comments.
- The next step is a public hearing before the Plan Commission. However, it is always recommended that the applicant consider hosting a public meeting to present the

request/project. This is a voluntary meeting but it pays dividends since you will meet the residents most interested in the project and explain the purpose of your request prior to the formal setting of a public hearing. A Zoom call is always an option.


- Preparations are then made for a public hearing before the Plan Commission. The notice is prepared by the Village Attorney based on information provided in your application. This would include public hearing notices (mailed by you or your legal counsel), hearing sign (Village responsibility), newspaper notice (Village responsibility), copies of the submittal/plans, preparation of a draft Commission recommendation by the Village Attorney, and other tasks. (We can meet and I can help explain the public hearing process and necessary paperwork, mailings, etc.).
- The Plan Commission hearing takes place at Village Hall or by Zoom with presentations by you and your team, input and recommendations from the Staff, and testimony from the public. The Commission's hearing takes place and ends with either a recommendation for approval, denial, or a continuance to allow time for unresolved issues to be addressed.
- Once the Commission makes a recommendation it is forwarded to the Village Board for an informal review during a workshop session. The Board does not vote but reviews a draft conditional use ordinance and hears a presentation from you and your team before providing feedback.
- The request would then be presented to the Board at a subsequent meeting for a final vote to approve the ordinance and any related documents.

I have attached excerpts from the Village code related to CUP, landscape plans, and more for reference. The Village code is online at www.wsprings.com under "municipal code".

The code requires that all costs associated with the review and processing of the request must be paid by the applicant. An initial deposit of \$3,000.00 and a completed acknowledgement form are required and due following Committee review. The acknowledgment form is attached. It is difficult to estimate total costs for review fees but the majority will be related to Village Attorney fees. The Village for processing and reviewing this project are likely to be between \$4,000 to \$8,000. This is only an approximate estimate since the final amount could more. Please refer to the attached fees schedule and agreement for more details.

If you have any follow up questions or concerns please feel free to call and we can meet. I can be reached at 246-1800, extension 175.

Sincerely,



Martin Scott

Director of Community Development

Conditional Use Permit Submittals

In order to provide you with a checklist from which to work, below are excerpts from the Village Code. Additional items may be required as the project proceeds through the review process. I will let you know if such a request should arise from the Village Board, Plan Commission or staff.

Conditional Use Permit Submittal Checklist

D. Application for Conditional Use: An application for a conditional use shall be filed with the village manager on an official, prescribed form. The application shall be accompanied by the following plans, data or information:

1. A statement in writing by the applicant and adequate evidence showing that the proposed conditional use will conform to the standards set forth in subsection G of this section.
2. A site plan of the proposed use identifying the location of all buildings and structures on the site; buildings, structures and pavement on adjacent property; open space; points of ingress/egress; the location of parking; property lines; easements; and scale, north arrow and date.
3. The existing use and zoning of land within two hundred feet (200') of the subject site.
4. A landscape plan showing all proposed and existing landscaping including berming, buffering and screening.
- ~~5. Estimated traffic generation of the proposed use.~~
- ~~6. Floor plans indicating the internal use of structures.~~
7. Architectural elevations. (Sign drawings will work)
8. An exterior lighting plan indicating the location of all lighting fixtures.
9. An accurate legal description of the subject property.
10. Other information as may be required by the plan commission.

Conditional Use Permit Standards

G. Standards: No conditional use shall be recommended by the plan commission unless it finds:

1. That the establishment, maintenance, or operation of the conditional use will not be detrimental to, or endanger the public health, safety, morals, comfort, or general welfare;
2. That the conditional use will not be injurious to the uses and enjoyment of other property in the immediate vicinity for the purposes already permitted, nor substantially diminish and impair property values within the neighborhood in which it is to be located;
3. That the establishment of the conditional use will not impede the normal and orderly development and improvement of the surrounding property for uses permitted in the district;
4. That adequate public utilities, access roads, drainage and/or necessary facilities have been or will be provided;
5. That adequate measures have been or will be taken to provide ingress and egress so designed as to minimize traffic congestion in the public streets;
6. That the proposed conditional use is not contrary to the objectives of the current comprehensive plan for the village of Western Springs; and
7. That the conditional use shall, in all other respects, conform to the applicable regulations of the district in which it is located, except as such regulations may, in each instance, be modified pursuant to the recommendations of the plan commission and approved by the village board.

10-4-9: LANDSCAPE REQUIREMENTS: (This section is an excerpt of the full regulations and may be applicable once staff reviews the plans and considers existing landscape screening, view from 47th Street, etc.)

- A. Purpose: The landscaping and screening requirements specified herein are intended to foster aesthetically pleasing development which will protect and preserve the appearance, character, health, safety, and welfare of the community. Specifically, these regulations are intended to increase the compatibility of adjacent uses, and, in doing so, minimize the harmful impact of noise, dust and other debris, motor vehicle headlight glare or other artificial light intrusions, and other objectionable activities or impacts conducted or created by an adjoining or nearby use.
- B. Enforcement Of Landscape Requirements: Wherever the submission and approval of a landscape plan is required by this Ordinance, such landscape plan shall be an integral part of any application for an occupancy permit. No occupancy permit shall be issued

without Village approval of a landscape plan as required herein. Failure to implement the approved landscape plan shall be cause for revocation of the occupancy permit. (Ord. 92-1855, 12-14-1992)

C. Landscape Plan:

1. Landscape Plan Required: A landscape plan shall be required for all exterior construction and development activity. Such landscape plan shall be drawn in conformance with the requirements specified in this Section. Landscape plans must be approved by the Department of Code Enforcement prior to the issuance of a building permit for exterior construction and development. Landscape plans for planned developments or conditional uses shall also be reviewed and approved by the Plan Commission and Village Board. The construction of detached single-family residences and accessory buildings shall be exempt from this requirement. (Ord. 92-1855, 12-14-1992; amd. Ord. 98-2064, 12-21-1998)
2. Content Of Landscape Plan: All landscape plans submitted for approval shall contain or have attached thereto the following information: (Ord. 92-1855, 12-14-1992)
 - a. The location and dimensions of all existing and proposed structures, parking lots and drives, roadways and rights of way, sidewalks, bicycle paths, ground signs, refuse disposal areas, bicycle parking areas, fences, freestanding electrical equipment, tot lots and other recreational facilities, and other freestanding structural features as determined necessary by the Department of Code Enforcement. (Ord. 92-1855, 12-14-1992; amd. Ord. 98-2064, 12-21-1998)
 - b. The location, quantity, size and name, both botanical and common names, of all proposed planting materials.
 - c. The location of existing buildings, structures and plant materials on adjacent property within one hundred feet (100') of the site.
 - d. Existing and proposed grading of the site, including proposed berming, indicating contours, at one foot (1') intervals.
 - e. Specification of the type and boundaries of all proposed ground cover.
 - f. Elevations of all fences proposed for location on the site. (Ord. 92-1855, 12-14-1992)
 - g. Elevations, cross-sections and other details as determined necessary by the Department of Code Enforcement. (Ord. 92-1855, 12-14-1992; amd. Ord. 98-2064, 12-21-1998)

D. Selection, Installation, and Maintenance of Plant Materials:

1. Selection: Planting materials used in conformance with the provisions of this Section shall be of good quality, of a species normally grown in northeastern Illinois, and capable of withstanding the extremes of individual site microclimates. Size and density of plant material, both at the time of planting and at maturity, are additional criteria which must be considered when selecting plant materials.
 2. Installation: All landscaping materials shall be installed in accordance with the current planting procedures established by the American Association of Nurserymen.
 3. Maintenance:
 - a. Responsibility: The owner of the premises shall be responsible for the maintenance, repair, and replacement of all landscaping materials and barriers, including refuse disposal areas, as may be required by the provisions of this Section.
 - b. Landscaping Materials: All landscaping materials shall be maintained in good condition so as to present a healthy, neat and orderly appearance, and plant material not in this condition shall be replaced when necessary and shall be kept free of refuse and debris.
 - c. Fences And Walls: Fences, walls, and other barriers shall be maintained in good repair.
- E. Design Criteria: Landscape plans described above shall be prepared based on the following design criteria. The evaluation and approval of landscape plans shall also be based on these design criteria.
1. Scale And Nature Of Landscaping Material: The scale and nature of landscaping materials should be appropriate to the size of the structures. Large scaled buildings, for example, should generally be complemented by larger scaled plants.
 2. Selection Of Plant Material: Plant material should be selected for its form, texture, color, and concern for its ultimate growth. The use of Silver Maples, Box Elders, Russian Olives, Tree of Heaven, Mulberry Poplars, and other weak wooded species should be avoided.
 3. Evergreens: Evergreens should be incorporated into the landscape treatment of a site, particularly in those areas screening parking lots from dedicated public rights of way or property zoned for residential use.
 4. Shade Trees: All shade trees shall have a minimum trunk size of two and one-half inches ($2\frac{1}{2}$ ") in diameter upon installation, as measured six inches (6") above the established ground level.
 5. Softening Of Walls And Fences: Plant material should be placed intermittently against long expanses of building walls, fences, and other barriers to create a softening effect.

6. Planting Beds: Planting beds should be mulched with bark chips, feather rocks, or similar materials.

7. Detention/Retention Basins And Ponds: Detention/retention basins and ponds shall be landscaped. Such landscaping should include shade and ornamental trees, evergreens, shrubbery, hedges, and/or other planting materials.

8. Watering Plant Material: A permanent means of watering plant material should be provided. Installation of an automatic underground sprinkling system is recommended.

9. Energy Conservation:

a. Deciduous trees should be placed on the south and west sides of buildings to provide shade from the summer sun.

b. Evergreens and other plant materials should be concentrated on the north side of buildings to dissipate the effect of winter winds. (Ord. 92-1855, 12-14-1992)

10. Preservation Of Existing Plant Material: Existing plant material should, wherever practical as determined by the Director of Code Enforcement, be incorporated into the landscape treatment of a site.

11. Berming: Earthen berms and existing topography should be, whenever determined practical by the Department of Code Enforcement, incorporated into the landscape treatment of a site, particularly when combined with plant material to facilitate screening. (Ord. 92-1855, 12-14-1992; amd. Ord. 98-2064, 12-21-1998)

c. Requirements Along Rear And Interior Side Yards:

(1) Plant Material: Where a parking lot abuts property zoned for residential use, the requirements of subsections G3a and G3b of this section shall apply. Where a parking lot abuts property zoned for nonresidential use, landscaping shall be provided across at least fifty percent (50%) of that portion of the parking lot abutting the property line to a minimum height of four feet (4'). The height of such shrubs may be reduced if berming is provided so that the combined height of shrubs and berming is not less than four feet (4'). The maximum slope for a berm is eight to one (8:1) (12 percent) for grassed areas and four to one (4:1) (25 percent) for planted areas that do not require mowing. Such plantings shall be concentrated into shrub masses, typically containing seven (7) to nine (9) shrubs per shrub mass. Additional plantings may be provided, subject to the approval of the department of code enforcement.

(2) Ground Cover: Except where occupied by planting beds, all side and rear yard perimeter parking lot landscaping shall be sodded, seeded or planted with another comparable ground cover, as determined appropriate by the department of code enforcement.

4. Perimeter Parking Lot Landscaping For Lots Ten Thousand Square Feet And Smaller: Where a parking lot is located within a required yard, or within twenty feet (20') of a lot line, perimeter landscaping shall be required along the corresponding edge of the parking lot in conformance with the following provisions: (See figure 6 in appendix C of this ordinance.)

a. Landscape Area: Where perimeter landscaping is required, it shall be provided within landscape areas at least three feet (3') in width, as measured from the back of curb.

b. Requirements Along Front And Corner Side Yards:

(1) Across From Residential Property: Where a parking lot is located across a dedicated public right of way from property zoned for residential use the following landscape improvements shall be required:

(A) Three Foot To Six Foot Perimeter Planting Zone: Where the planting zone at the perimeter of the parking lot falls within three feet (3') and six feet (6') in width, the following improvements shall be required: (See figures 7 and 8 in appendix C of this ordinance.)

(i) Fence And/Or Wall: A vertical screen of at least four feet (4') in height shall be provided, utilizing a decorative fence or brick wall (or combination thereof) along the entire length of property line. Fence should be placed on the property line to maximize the planting area on the interior of the lot. Owners of property immediately adjacent to the parking lot are entitled to a one time landscape improvement fee of fifteen dollars (\$15.00) per linear foot of contiguity along the parking lot to provide appropriate plantings at the base of the fence on the residential side of the property. The fence or wall must be double sided and have no "backside". Fence construction and material to comply with section [10-4-4](#) of this chapter.

(ii) Plant Material: Continuous landscaping of evergreen or dense deciduous shrubs and/or perennials shall be provided across one hundred percent (100%) of the street frontage to a minimum height of four feet (4'). Neither berming nor grass is allowed. Shade or ornamental trees shall be provided within this landscape area, only if the planting zone has a minimum width of five feet (5') such as within a corner planting island in a dead end parking lot. Additional plantings may be provided, subject to the approval of the department of code enforcement. All landscaping described above shall conform to section [10-4-3](#) of this chapter.

(B) Six Foot Or Wider Perimeter Planting Zone: Where the planting zone at the perimeter of the parking lot exceeds six feet (6') in width, the following improvements shall be allowed in conjunction with compliance with the requirements in the section immediately above:

(i) Fence And/Or Wall: The height of the fence may be reduced if berming is provided so that the combined height of fence and berming is not less than four feet (4'). The

maximum slope for a berm is eight to one (8:1) (12 percent) for grassed areas and four to one (4:1) (25 percent) for planted areas that do not require mowing.

(ii) Plant Material: The height of plant material may be reduced if berming is provided so that the combined height of shrubs and berming is not less than four feet (4'). The maximum slope for a berm is eight to one (8:1) (12 percent) for grassed areas and four to one (4:1) (25 percent) for planted areas that do not require mowing. In addition, shade or ornamental trees shall be provided within this landscape area, with the number of trees not less than one tree per fifty feet (50') of frontage with the number of trees required, rounded to the nearest whole number.

(2) Across From Nonresidential Property: Where a parking lot is located across a dedicated public right of way from property zoned for nonresidential use the following landscape improvements shall be required:

(A) Plant Material: Landscaping of evergreen or dense deciduous shrubs shall be provided across at least fifty percent (50%) of the street frontage to a minimum height of four feet (4'). The height of such shrubs may be reduced if berming is provided so that the combined height of shrubs and berming is not less than four feet (4'). The maximum slope for a berm is eight to one (8:1) (12 percent) for grassed areas and four to one (4:1) (25 percent) for planted areas that do not require mowing. Berming is not allowed in perimeter planting zones less than seven feet (7') in width. Additional plantings may be provided, subject to the approval of the department of code enforcement. All landscaping described above shall conform to section [10-4-3](#) of this chapter.

c. Requirements Along Rear And Interior Side Yards:

(1) Plant Material: Where a parking lot abuts property zoned for residential use, the requirements of subsections G4a and G4b of this section shall apply. Where a parking lot abuts property zoned for nonresidential use, landscaping shall be provided across at least fifty percent (50%) of that portion of the parking lot abutting the property line to a minimum height of four feet (4'). The height of such shrubs may be reduced if berming is provided so that the combined height of shrubs and berming is not less than four feet (4'). Such plantings shall be concentrated into shrub masses, typically containing seven (7) to nine (9) shrubs per shrub mass. Additional plantings may be provided, subject to the approval of the department of code enforcement.

10-4-10: GENERAL ILLUMINATION STANDARDS:

A. General Standards: Glare, light pollution and light trespass shall be controlled at all times through proper equipment selection, careful aiming, limits on brightness and adequate screening.

The village at its discretion may require corrective action for any lighting installation that fails to meet the required lighting criteria or produces unacceptable levels of light trespass, light pollution, and/or glare.

B. Fixture Specifications: All exterior luminaries, except decorative fixtures approved by the code enforcement officer, shall be horizontally mounted and have full cutoff optics with flat lenses, with no portion of the lens protruding below the housing.

Ornamental lighting adjacent to residential zoned parcels shall have house shields installed to reduce nuisance lighting. Privately owned seasonal holiday lighting and village owned seasonal holiday lighting, decorative street, parking and pedestrian lighting shall be exempt from this regulation.

C. Illumination Glare: Sources of light shall be directed, shaded, shielded or otherwise arranged to minimize perceived glare from adjacent properties.

D. Activity Levels: For the purpose of this section, the following guidelines shall be used to determine the activity level for individual parking lots:

1. High Activity Levels: Large parking lots (100 plus spaces) in which a majority of the required parking spaces are occupied by employee and customer/visitor vehicles after six o'clock (6:00) P.M. or small (up to 15 spaces) and medium (16-99 spaces) parking lots in which a majority of the required parking spaces are occupied by employee/customer/visitor vehicles and regular on site truck traffic is experienced or generated after six o'clock (6:00) P.M.
2. Medium Activity Levels: Any parking lot in which a majority of the required parking spaces are occupied by employee vehicles and regular on site truck traffic is experienced or generated after six o'clock (6:00) P.M. or small and medium parking lots in which the majority of the parking spaces are occupied by employee and customer vehicles after six o'clock (6:00) P.M.
3. Low Activity Levels: Parking lots in which a majority of the required parking spaces are not occupied by employees and/or customers after six o'clock (6:00) P.M. or lots only occupied by employee vehicles after six o'clock (6:00) P.M.

TABLE 4-5

PARKING ILLUMINATION STANDARDS

Permitted Illumination Standards For Vehicle Use Areas In Foot-Candles^(fc)

<u>Level Of Activity</u>	<u>Minimum At Any Point</u>	<u>Minimum Average</u>	<u>Maximum Average</u>
Low	0.2 ^{fc}	0.5 ^{fc}	1.5 ^{fc}

Medium	0.6 ^{fc}	1 ^{fc}	2 ^{fc}
High	0.9 ^{fc}	2 ^{fc}	3 ^{fc} (1)

Illumination average to minimum uniformity ratio for all parking lots shall be: 4:1

Maximum horizontal illumination level at lot lines adjacent to or across from detached and attached single-family zoned properties: 0.1

Note:

- (1) Except gasoline dispensing station canopies, which have a maximum average illumination of 10^{fc} (Illumination Engineering Society North America RP33-99).

E. General Illumination Standards For Outdoor Residential Recreational Facilities And Other Private Recreational Facilities: For the purpose of this section, the following guidelines shall be used to determine the outdoor lighting levels:

1. Outdoor Residential Recreational Facilities: Sufficient outdoor lighting, if installed, shall be provided to enable use of the facility for the intended purpose(s). However, when the lighting of an outdoor residential recreational facility becomes a nuisance past nine o'clock (9:00) P.M., the owner of the facility shall be required to turn off the lights and close the recreational facility until seven o'clock (7:00) A.M. of the next day.
2. Other Uses: Sufficient outdoor lighting shall be provided to enable the use of the private facility for the intended purpose(s). However, when the lighting of the private facility becomes a nuisance past nine o'clock (9:00) P.M., the owner of the private facility shall be required to turn off the lights and close the private facility until seven o'clock (7:00) A.M. of the next day.

F. Mounting Height Specification:

1. Parking Lots: Maximum luminaire mounting height for parking lot lights adjacent to or across from residential zoned parcels shall be no higher than twenty six feet (26'). In no case shall parking lot lighting exceed thirty feet (30'). In transitional areas, lighting shall be of residential character, shielded and/or directed to minimize perceived glare on surrounding residential properties.

2. Residential: Freestanding luminaire mounting height for outdoor residential recreational facilities shall not exceed twelve feet (12') in height. Lighting shall be of residential character, shielded and/or directed to minimize perceived glare on surrounding residential properties. Freestanding ornamental lighting for ingress/egress is permitted in the required front or rear yards but not closer than ten feet (10') from the lot line.
- G. Holiday Lighting: Privately owned seasonal holiday lighting and village owned seasonal holiday lighting, decorative street, parking and pedestrian lighting shall be exempt from this regulation.
- H. Plan Submission: Lighting plans, with respect to the uses governed by subsections D and E of this section, shall be submitted to the department of code enforcement for review. Lighting plans shall include lighting layout of the proposed luminaire locations, including aiming angles, minimum and average illuminances, uniformity ratios, locations and use of adjacent properties, lux/foot-candle grid that demonstrates adequate intensities and uniformity are achieved. Manufacturer's catalog cuts providing a description of the luminaires including glare reduction/control devices, lamps, on-off cycle devices and mounting devices. (Ord. 03-2229, 3-24-2003)



**LYONS TOWNSHIP
HIGH SCHOOL
LA GRANGE, IL**

**DIGITAL
SCOREBOARDS**

LIONS 19		T.O.L. 3 38	3:02	T.O.L. 2 3RD & 10	DOWNERS NORTH 14
MAIN STREET  carwash					
 AUTOCARE SERVICE AND SPARE PARTS		SPONSOR PANEL			

12' x 25'
 MULTIMEDIA LED VIDEO DISPLAY
 UNLIMITED ADVERTISING ZONES
 STATISTICS
 MULTI-SPORT SCORING SOFTWARE
 2' H SPONSOR PANEL

OPTION 1

LYONS TOWNSHIP HIGH SCHOOL

MAIN STREET carwash

AUTOCARE SERVICE AND SPARE PARTS

3:02
 QUARTER: 4
 DOWN TO GO BALL ON
 3 10 38

19 14
 TO TO

SPONSOR PANEL

10' x 25'

- MULTIMEDIA LED VIDEO DISPLAY
- UNLIMITED ADVERTISING ZONES
- STATISTICS
- MULTI-SPORT SCORING SOFTWARE
- 2' H TRUSS
- 2' H SPONSOR PANEL

OPTION 2



12' x 25'

MULTIMEDIA LED VIDEO DISPLAY
UNLIMITED ADVERTISING ZONES
STATISTICS
MULTI-SPORT SCORING SOFTWARE

2' H SPONSOR PANEL

OPTION 1



10' x 25'

- MULTIMEDIA LED VIDEO DISPLAY
- UNLIMITED ADVERTISING ZONES
- STATISTICS
- MULTI-SPORT SCORING SOFTWARE
- 2' H TRUSS
- 2' H SPONSOR PANEL

OPTION 2

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OUTDOOR LED SCREENS

Haralson Co HS • 22' x 40'

Whitehall HS • 16'9" x 29'6"

North Hall HS • 22' x 40'

Calvary Day School • 19' x 34'

Creekview HS • 22' x 40'

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