

Wednesday, March 23, 2022 at 17:14:08 Mountain Standard Time

Subject: FW: [EXTERNAL]Re: C8-22-04 Planning Commission April 6 underground transmission lines Relief special exemption UDC Text Amendment

Date: Wednesday, March 23, 2022 at 1:53:08 PM Mountain Standard Time

From: PlanningCommission

To: Daniel Bursuck, Koren Manning

From: Barb Perlmutter <skipperbarb36@hotmail.com>

Sent: Wednesday, March 23, 2022 1:52:59 PM (UTC-07:00) Arizona

To: PlanningCommission <PlanningCommission@tucsonaz.gov>

Subject: [EXTERNAL]Re: C8-22-04 Planning Commission April 6 underground transmission lines Relief special exemption UDC Text Amendment

Dear Planning Commission,

Please require all future electric lines to be underground. We want to keep our city and scenic corridors beautiful and there's no reason to give anyone an exception to this ruling.

Barbara Perlmutter
520-303-1473
7115 N Pale Moon Trail
Tucson AZ 85743

Subject: FW: [EXTERNAL]C8-22-04 Revisions / April 6 Planning Commission
Date: Wednesday, March 23, 2022 at 8:32:32 AM Mountain Standard Time
From: PlanningCommission
To: Daniel Bursuck, Koren Manning

From: Carmen VanDyke <carmenvd2003@yahoo.com>
Sent: Wednesday, March 23, 2022 8:32:20 AM (UTC-07:00) Arizona
To: PlanningCommission
Subject: [EXTERNAL]C8-22-04 Revisions / April 6 Planning Commission

It's likely you don't live and travel down Grant and Silverbell. I understand TEP needs to get large quantities of power to these areas, but there HAS to be a better way to do it. The huge, and I mean huge!, poles are a blight. I urge you to drive down Grant and Silverbell and see how ugly all the wiring and poles are against the landscape. They stand out like giant sore thumbs. Please do not pass the revisions. I know it's extra cost to TEP bury these wires but putting them underground would be the better situation.

Thank you for considering my opinion.
Respectfully,
Carmen VanDyke
6426 W Lost Canyon Dr
Tucson AZ 85745

Subject: FW: Planning Commission April 6, 2022, C8-22-04 Underground Transmission Line Relief Special Exception UDC Text Amendment

Date: Tuesday, March 29, 2022 at 4:19:49 PM Mountain Daylight Time

From: PlanningCommission

To: Daniel Bursuck, Koren Manning

From: Deborah Swartz <debswartz101@outlook.com>

Sent: Tuesday, March 29, 2022 3:19:18 PM (UTC-07:00) Arizona

To: PlanningCommission

Subject: [EXTERNAL]Planning Commission April 6, 2022, C8-22-04 Underground Transmission Line Relief Special Exception UDC Text Amendment

To whom it concerns

I am against the underground transmission line relief special exemption. The proposed changes will help release TEP from complying with the current ordinance in our Scenic and Gateway Corridor Zones. The proposed changes will make the Scenic and Gateway ordinances difficult to enforce, codify TEPs excuses, and concede that TEP will not go underground.

The above ground electric lines detract from the beauty of these scenic roadways. Underground electric is also safer in times of violent storms or fires. The money saved in such emergencies, should they occur, would offset the initial expense of laying the lines underground in the first place.

Please reconsider making any changes to the existing ordinance.

Thank you

Sincerely

Deborah Swartz

Subject: FW: [EXTERNAL]NO to Unified Development Code Amendments Underground Transmission Line Special Exceptions

Date: Tuesday, March 29, 2022 at 9:35:59 AM Mountain Daylight Time

From: PlanningCommission

To: Daniel Bursuck, Koren Manning

From: Paul Bowden <paulbowden01@gmail.com>

Sent: Tuesday, March 29, 2022 8:35:36 AM (UTC-07:00) Arizona

To: PlanningCommission <PlanningCommission@tucsonaz.gov>

Subject: [EXTERNAL]NO to Unified Development Code Amendments Underground Transmission Line Special Exceptions

Hello,

I am writing to express my opposition to the amendment to allow special exceptions to Tucson's code requiring undergrounding of transmission lines within city limits.

I feel this will give a pass to TEP building above ground transmission lines wherever they want.

The amendment will make the current ordinance difficult to enforce.

The result of this amendment will turn Tucson into an ugly city full of above ground transmission lines. I moved to Tucson partly because the city is not festooned with ugly electrical lines and poles.

The amendment also puts an unfair burden on the Zoning Examiner.

The current code was created after a thorough and thoughtful process. It should not be amended based on the **unwillingness** of one of our utilities to adhere to it. The quality of life in our city is at stake, I am steadfastly opposed to this exception.

Thank you,

Paul Bowden
2100 East Adams Street
Tucson, AZ 85719

--

Paul Bowden [he, him]

www.paulbowden.net

Subject: FW: Ordinances

Date: Monday, March 28, 2022 at 7:10:00 PM Mountain Daylight Time

From: PlanningCommission

To: Daniel Bursuck, Koren Manning

From: Susan Musal <ohioladybug@hotmail.com>
Sent: Monday, March 28, 2022 6:09:51 PM (UTC-07:00) Arizona
To: PlanningCommission <PlanningCommission@tucsonaz.gov>
Subject: [EXTERNAL]Ordinances

I am writing in voice my opinion about the proposal by TEP to receive variance for the scenic corridor zone. I am understanding of the need for progress but disagree with the request for the plan for above ground lines. There were valid reasons when this ordinance was put in place and I believe they continue to be pertinent. I request denial of this request for variance to above ground wiring. Please keep the underground code as is and deny this request. If this request is granted it also paves the way got others to follow suit. Please consider the desires of the residents of this area. Respectfully,
Susan Musal
W Cobbs Place

**No excuses.
Enforce the ordinances we have.
Scenic Corridor Zone ~ Gateway Corridor Zone**

Sent from my Verizon, Samsung Galaxy smartphone

Subject: [EXTERNAL]Changes to the Scenic and Gateway Corridor codes
Date: Wednesday, March 30, 2022 at 9:57:41 AM Mountain Daylight Time
From: Bonnie Poulos
To: cityclerk, Michael Ortega, Daniel Bursuck
CC: ward3, Ward6, Ward2, Ward4, Ward5

Dear Planning Commissioners,

I honestly do not know why I am writing to you about my concerns regarding the proposed amendments and revisions to five sections of the Tucson Code Chapter 23B, Unified Development Code (UDC) and adding two definitions with regard to Scenic and Gateway Corridors. I am not sure because none of you respond in any way to comments you have received from the public, you rarely ask any substantive questions and you appear to just follow along with what staff recommends to you. But I am going to make an attempt anyway because this is an issue crucial to the future beauty and uniqueness of our City.

My first question is why even have Scenic and Gateway corridors in our community if they look like every other roadway in the city? Those of us who fought for these designations did so because the roadways contribute to the character that makes Tucson a special place. It is unconscionable to me that TEP essentially created the proposed language supposedly "at the request of Mayor and Council"* to help release them from complying with undergrounding in our Scenic and Gateway Corridor Zones. Who were these council members who worked behind closed doors with TEP to support this onerous proposition? What role did the Mayor have in promoting this and what are the benefits to us the citizens? We are still seeing higher rates for electricity and will continue to do so in the future. However, we will never get back our scenic or gateway corridors or our mid-town streets if TEP is allowed to strongarm OUR elected officials into doing their bidding. What do we, the citizenry get in return for this betrayal of our values? What public outreach has been made to inform the public of these changes, to get their input and hear their comment

TEP went behind our backs to our elected officials to get above ground towers along Silverbell Road and now they want to make those avenues permanent, so that they will never have to come into the 21st century with their technology. Did any of you receive a courtesy notice from TEP or the City that this was happening? Communities all over this country are requiring undergrounding of utility infrastructure, not only because of the blight they create, but for safety and environmental reasons due to climate changes and more intense weather events. TEP must be held to OUR standards, and threatening us with higher rates for electricity is something we should lobby the Public Corporation Commission about, instead of bending over to their insistence that they cannot do it. They can do it! They do it in wealthy communities and neighborhoods all the time. If indeed TEP cannot find a way to underground their massive electric lines, then let's find another utility company that can do it.

Please recommend that all the proposed changes to the land use code to assist in this destruction of our scenic and gateway corridors are rejected by the Mayor and Council. Once and for all, OUR quality of life is not up for sale to TEP or any other corporation who wants to try to hold us hostage to their demands for a quick buck and an easy path.

Thank you for considering these comments - and for discussing in public why you do or do not support them. Do your job as commissioners and do not just rubber stamp staff's and TEP's recommendations.

Sincerely,
Bonnie Poulos

To: City of Tucson Planning Commission

From: Ruth Beeker

Re. April 6, 2022 Public Hearing: Underground Transmission Line Relief Special Exception

I am sure many long-time Tucson residents felt the establishment of the Scenic Routes and Corridors was a much-needed City commitment, acknowledging what a uniquely beautiful environment we all share and want preserved. To have a proposal to weaken its ordinance, and to do it quietly behind the scenes with no public dialogue, appears to be cowardly and insensitive to community values.

To suggest that replacing code standards with the zoning examiner special exception public process will ensure that the routes and corridors remain protected is simply deceptive. **To make citizens the watch-dogs to control TEP installations fails to acknowledge how inadequate that public process is.**

The City has given all responsibility to the applicant (UDC 3.2.2):

Send notices to those addresses within 400 ft. and neighborhood associations within a mile

Conduct one meeting

Write a report of the meeting to submit to PDSD.

PDSD does not send a representative to the meeting; the public gets all its information from the applicant and is asked to respond immediately to what is presented.

The City has withdrawn financial support for neighborhood associations (NA) for the past decade. What had been a Department of Neighborhood Resources to meet those needs, has been reduced to one employee as a neighborhood liaison and one newsletter per year for each NA. Only a portion of the City area has active NA's.

Neighborhood Associations have been treated as non-essential, except now the City proposes "passing the buck" to them to protect Scenic Routes and Corridors. A Tucson version of David vs. Goliath!!!

If this proposed UDC change becomes law, it will be the death of Scenic Route and Corridors. Not by open action of our elected officials, but death by a thousand cuts as small sections of the roadways get declared "special exceptions" to the restrictions. And who will be to blame? Citizens who did not speak up.

Subject: FW: [EXTERNAL]We oppose releasing TEP from undergrounding in Scenic and Gateway corridors
Date: Wednesday, March 30, 2022 at 3:59:38 PM Mountain Daylight Time
From: PlanningCommission
To: Daniel Bursuck, Koren Manning

From: Carolyn Leigh/Ron Perry <banis32@gmail.com>
Sent: Wednesday, March 30, 2022 2:58:54 PM (UTC-07:00) Arizona
To: PlanningCommission <PlanningCommission@tucsonaz.gov>
Subject: [EXTERNAL]We oppose releasing TEP from undergrounding in Scenic and Gateway corridors

Dear Planning Commission members,
My husband and I totally oppose this change in code which would allow TEP exemptions to the Unified Development Code for their transmission lines in Scenic and Gateway Corridors.

We live on West Speedway below Gates Pass and frequently travel along the well-done stretch of Silverbell between Speedway and Grant where the transmission lines are underground. This was a well-done project. Even though the road is four lanes, it still keeps the scenic aspect in place.

Tourism is a major industry in Tucson. It is important to keep the scenic aspect of our roadways intact for both our community health and for our visitors. Underground lines are documented to be less expensive to maintain than overhead lines.

We urge you to keep the Code as it stands.
Thank you for your consideration.
Carolyn Leigh and Ron Perry

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Carolyn Leigh and Ron Perry
Art and Artifacts

Art-Pacific.com - New Guinea and Indonesian artifacts
CarolynLeigh.com - painting, prints and painter's books
RimJournal.com - Alamos, Mexico, recipes, adobe ...OP

Art Dealer in the Last Unknown
Ron Perry and New Guinea Art, the early years: 1964 - 1973
ORDER at www.art-pacific.com/artdealr.htm

New Guinea Tribal Art eGuide
Found out about your fabulous piece of New Guinea art.
ONLY \$3.99 from Amazon and the Apple Store

www.kxci.org - webstream great music 24/7

Subject: FW: [EXTERNAL]TEP changes to UDC

Date: Friday, April 1, 2022 at 9:24:35 AM Mountain Daylight Time

From: PlanningCommission

To: Daniel Bursuck, Koren Manning

From: Nancy Martin <nskreko@gmail.com>

Sent: Friday, April 1, 2022 8:24:07 AM (UTC-07:00) Arizona

To: PlanningCommission <PlanningCommission@tucsonaz.gov>

Subject: [EXTERNAL]TEP changes to UDC

Do not allow these changes. It is just another backdoor route for TEP to avoid undergrounding. Failure to underground lowers property values in stable middle class inner city neighborhoods, resulting in an uncompensated taking from homeowners. Failure to underground endangers the health and lives of our children.

Thank you, Nancy Martin 902 E. Hampton 85719

Subject: FW: [EXTERNAL]UDC Amendments-Underground Transmission Line Relief C8-22-04, Special Exceptions

Date: Friday, April 1, 2022 at 10:55:23 AM Mountain Daylight Time

From: PlanningCommission

To: Daniel Bursuck, Koren Manning

From: Joan Hall <joanchall@yahoo.com>

Sent: Friday, April 1, 2022 9:55:11 AM (UTC-07:00) Arizona

To: PlanningCommission <PlanningCommission@tucsonaz.gov>

Subject: [EXTERNAL]UDC Amendments-Underground Transmission Line Relief C8-22-04, Special Exceptions

Dear Planning Commissioners,

I oppose the changes to the UDC related to this case:

12-d. High-voltage transmission lines compromise the views.

12-h. Overhead transmission lines may be appropriate for military facilities but are not necessary for hospitals, research facilities, etc.

12-i. Approval of this proposal would eliminate the special exception for gateway and scenic routes.

12-k. There should always be full public review *without prejudice* of any proposed exception.

Thank you,

Joan Hall

1441 E Edison St

Tucson AZ 85719

Subject: FW: [EXTERNAL]Public comment

Date: Friday, April 1, 2022 at 11:06:48 AM Mountain Daylight Time

From: PlanningCommission

To: Daniel Bursuck, Koren Manning

From: Christopher J Eastoe <eastoe@email.arizona.edu>
Sent: Friday, April 1, 2022 10:06:30 AM (UTC-07:00) Arizona
To: PlanningCommission <PlanningCommission@tucsonaz.gov>
Subject: [EXTERNAL]Public comment

RE: UDC Amendments-Underground Transmission Line Relief C8-22-04, Special Exceptions,, Weds.
April 6

From Chris Eastoe, 1240 E Seneca St, 85719

Comment: As a resident of a historic neighborhood that has been threatened with construction of large transmission lines, I strongly urge the Tucson City Council to reject any changes to current policy. The lines can and must be constructed underground.

Subject: FW: [EXTERNAL]UDC Amendments-Underground Transmission Line Relief C8-22-04, Special Exceptions, Sarah Wolf

Date: Saturday, April 2, 2022 at 9:51:04 AM Mountain Standard Time

From: PlanningCommission

To: Daniel Bursuck, Koren Manning

From: Sarah Wolf <sarahwolf9@gmail.com>

Sent: Saturday, April 2, 2022 9:50:46 AM (UTC-07:00) Arizona

To: PlanningCommission <PlanningCommission@tucsonaz.gov>

Subject: [EXTERNAL]UDC Amendments-Underground Transmission Line Relief C8-22-04, Special Exceptions, Sarah Wolf

To Whom It May Concern:

As a Jefferson Park neighborhood resident, I am writing in solidarity with the below following oppositions and additions regarding the proposed transmission lines.

Respectfully,
Sarah Wolf

(TEP's language is in red, Steering Committee responses are in blue.)

12-d. An exception where - existing high-voltage transmission lines, vertical structures, or buildings in area that already compromise the viewshed. **No.**

12-h. An exception where -Proposed transmission lines provide electrical service to critical customers where overhead lines are strongly recommended for specialized operations; examples include but are not limited to: provision of electricity to Davis Monthan AFB or other installations necessary to the national defense, hospitals, research facilities, etc. **No. We object categorically that hospitals and research facilities would be considered in the same manner as military facilities. We also oppose overhead lines at hospitals and research facilities and remain neutral about Davis Monthan and military facilities.**

12-i. An exception where - Proposed overhead transmission lines, rather than undergrounded transmission lines on a particular route, would avoid undesirable aesthetic, viewshed, or other adverse impacts that would result from facilities being located on an alternative route. **No. (This criterion, if implemented as written, would convert gateway and scenic routes from being special routes the Code intends them to be, to being subsidiary to other routes instead).**

12-k. A Special Exception request to relieve the requirement to underground transmission lines that meets the findings established by UDC section 3.4.5, Findings and which also meets criteria a, e, and g of this subsection is deemed to presumptively meet the required findings for approval. **No. (There should always be full public review *without prejudice* of any proposed exception).**

Here are the exceptions we should ADD:

The amended preface and four new criteria are as follows:

12. Transmission lines may be relieved of their requirement to be underground per UDC

section 5.3, Scenic Corridor Zone (SCZ) or section 5.5, Gateway Corridor Zone (GCZ) in accordance with UDC section 3.4.3 Zoning Examiner Special Exception Procedure. In addition to the required findings of UDC section 3.4.5, the criteria for Special Exception consideration includes the following, **with the understanding that an exception will be permitted only as long as none of the other following criteria are violated where the criteria are relevant:**

ADD 12-l. The effects that can be expected from permitting any of the exceptions listed herein or any combination of those exceptions when added together must remain consistent with the overall purpose and integrity of the gateway/scenic route, unless it is technologically impossible and/or clearly financially cost prohibitive.

ADD12-m. Notwithstanding any of the above criteria, above ground transmission lines are not allowed in or alongside historic areas (as defined by or listed in the National Register of Historic Places, properties or districts, City of Tucson Historic Preservation Zones, City of Tucson Historic Landmarks, or Neighborhood Preservation Zones).

ADD12-n. Utility cannot obtain relief from Gateway/Scenic ordinances by routing through adjacent residential neighborhoods.

ADD 12-o. Any new above-ground utility that is permitted must be designed, constructed, and also maintained to be as unobtrusive as possible.

Subject: FW: [EXTERNAL]Planning Commission April 6, 2022, C8-22-04 Underground Transmission Line Relief Special Exception UDC Text Amendment

Date: Saturday, April 2, 2022 at 12:19:23 PM Mountain Standard Time

From: PlanningCommission

To: Daniel Bursuck, Koren Manning

From: Beth Grindell <grindell@cox.net>

Sent: Saturday, April 2, 2022 12:19:18 PM (UTC-07:00) Arizona

To: PlanningCommission <PlanningCommission@tucsonaz.gov>

Subject: [EXTERNAL]Planning Commission April 6, 2022, C8-22-04 Underground Transmission Line Relief Special Exception UDC Text Amendment

To: City of Tucson Planning Commission

From: Beth Grindell

Re: April 6. 2022 Public Hearing: Underground Transmission Line Relief Special Exception

The proposed changes to the Unified Development Code regulations requiring underground placement of power lines in Scenic Routes and Corridors set very dangerous precedents for Tucson's future. The UDC represents the will of the voters and should not be overturned (in private meetings) by the Mayor and Council or by the Planning Commission. Please do not support the TEP request. Require that they follow the UDC.

If TEP is allowed a "special exception," understand that it will set new precedent and the Scenic Routes and Corridors protections will disappear. If the City of Tucson does not enforce the ordinances, Tucson will be the poorer, and uglier, for it.

Beth Grindell
grindell@cox.net

Subject: FW: [EXTERNAL]Undergrounding of TEP lines
Date: Saturday, April 2, 2022 at 1:13:05 PM Mountain Standard Time
From: PlanningCommission
To: Daniel Bursuck, Koren Manning

From: Jean-Paul Bierny <jpbierny@yahoo.com>
Sent: Saturday, April 2, 2022 1:12:43 PM (UTC-07:00) Arizona
Cc: Chris Tanz; Ruth Beeker; denise@baldwinfiduciaryservices.com; Eva Seid
Subject: [EXTERNAL]Undergrounding of TEP lines

To Members of the Planning Commission,

I have lived in Tucson, and loved it, since 1971.

I am EXTREMELY CONCERNED about your agenda for the April 6, 2022 meeting.

it will be discuss revisions to the existing Scenic and Gateway Corridors Ordinances. it will give TEP loopholes NOT to follow the EXISTING ORDINANCES to UNDERGROUND their new lines in those zones. The outcome will be promptly communicated to the Mayor and City Council (MCC).

This decision agenda was organized BEHIND CLOSED DOORS with the cooperation of the MCC. This is TOTALLY OBJECTIONABLE and UNDEMOCRATIC, particularly surprising in an MCC with Democrat majority, of all things !!! And yet, this issue is not at all political, Democratic or Republican. WHAT IS GOING ON THAT DESERVES TO BE HIDDEN FROM THE PUBLIC ???

This is about howTucson LOOKS and FEELS, among other things.! The UGLIFICATION of Tucson' s beautiful street scenery will affect (DOWNWARDS) OUR HOME VALUES through VISUAL POLLUTION of OUR EXCEPTIONALLY BEAUTIFUL SCENERY-ubiquitous mountains and spectacular desert vegetation-. Remember when a plethora of commercial panels turned Speedway into the notoriously "ugliest street in the US"?... That did not do Tucson much good...

It is an outright shame, as it will litter our streets with enormous poles carrying TEP's electrical lines, destroy the beautiful views of mountains that help define Tucson's beauty in all directions. I expect that it will shortly get worse as TEP will upgrade the energy it carries from 3 Gs all the way to 5 Gs.

In addition, It is known that electric power lines occasionally break, and cause FIRES. This is worse in the Summer, and will get worse at higher energy levels.

It is also suspected that proximity to power lines might result in MEDICAL ISSUES, including some brain tumors. This will presumably also get worse at higher energy levels.

Another medical issue: electrical OUTAGES affect people who depend on a steady electricity supply, such as people who have Sleep Apnea, or who need cardiac pacemakers.

OUR SCENIC and GATEWAY ORDINANCES are on the CITY of TUCSON BOOKS for a good reasons. The should

be OBEYED and ENFORCED. NOT SABOTAGED by LOOPHOLES for special interests such as TEP (“SPECIAL EXEMPTIONS”) !

In spite of their considerable income, TEP has always tried to avoid these ordinances...

For once, Tucson should follow the example of Phoenix. Residents of the neighborhoods where power lines have been installed UNDERGROUND are VERY PLEASED with the results.

i would like to please be included in the list of people who wish to speak at your meeting. Thank you.

Jean-Paul Bierny, MD.

Subject: FW: Joan Daniels comments to the TEP Public Hearing April 6
Date: Sunday, April 3, 2022 at 2:57:37 PM Mountain Standard Time
From: PlanningCommission
To: Daniel Bursuck, Koren Manning

From: J E DANIELS <JDCHAMA@msn.com>
Sent: Sunday, April 3, 2022 2:57:29 PM (UTC-07:00) Arizona
To: PlanningCommission <PlanningCommission@tucsonaz.gov>
Cc: Jpna Board and Committee Heads <jpna-board-and-committee-heads@googlegroups.com>; jeffersonparktucson@googlegroups.com <jeffersonparktucson@googlegroups.com>
Subject: [EXTERNAL]RE: Joan Daniels comments to the TEP Public Hearing April 6

PlanningCommission@tucsonaz.gov.

RE: Public Hearing April 6, 2002: UDC Amendments-Underground Transmission Line Relief C8-22-04
Special Exceptions
Joan Daniels, Jefferson Park Neighborhood

Planning Commission, you have been tasked with protecting the efforts of 100's of hours of citizen and city official work. Plans and meetings and public input sessions have created Scenic and Gateway route plans, Plan Tucson, the UA plan, and a variety of neighborhood plans, all in an effort to make Tucson a better place to live.

TEP's requested exceptions 12. d,i,h,and k are highly unacceptable and are so vaguely written that they finesse overhead lines anywhere the company chooses.

The exception 12.c to suggest a setback to justify placing 100', 138kV poles in any residential area is disingenuous. It is particularly frustrating that it could be considered in an Historic District with a Neighborhood Preservation Zone. To allow such a thing makes a mockery of the hours and hours of citizen advocacy, area plans, fundraising, grant writing, and partner efforts with the City of Tucson.

I strongly support the Underground Steering Committees analysis and suggestions.

I urge you to make recommendations that respect all the efforts and agreements that have gone before to make Tucson a better place. Citizens must know that plans made in good faith will be honored. To bend to the pressure of large companies does not bode well for Tucson's future.

Subject: FW: [EXTERNAL]C8-22-04 Public hearing

Date: Sunday, April 3, 2022 at 4:48:07 PM Mountain Standard Time

From: PlanningCommission

To: Daniel Bursuck, Koren Manning

From: Joanne Osuna <cricket16@cox.net>
Sent: Sunday, April 3, 2022 4:47:58 PM (UTC-07:00) Arizona
To: PlanningCommission <PlanningCommission@tucsonaz.gov>
Subject: [EXTERNAL]C8-22-04 Public hearing

PlanningCommission@tucsonaz.gov.

RE: Public Hearing April 6, 2002: UDC Amendments-Underground Transmission Line Relief C8-22-04
Special Exceptions
Joan Daniels, Jefferson Park Neighborhood

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I strongly support the Underground Steering Committees analysis and suggestions.

I urge you to make recommendations that respect all the efforts and agreements that have gone before to make Tucson a better place. Citizens must know that plans made in good faith will be honored. To bend to the pressure of large companies does not bode well for Tucson's future.

Joanne Osuna
1033 E. Waverly Street
Tucson, AZ 85719

Subject: FW: [EXTERNAL]April 6, 2022 C8-22-04 UDC amendments underground transmission line relief special exception

Date: Sunday, April 3, 2022 at 6:12:57 PM Mountain Standard Time

From: PlanningCommission

To: Daniel Bursuck, Koren Manning

From: Greg Clark <glark999@earthlink.net>

Sent: Sunday, April 3, 2022 6:12:41 PM (UTC-07:00) Arizona

To: PlanningCommission <PlanningCommission@tucsonaz.gov>

Subject: [EXTERNAL]April 6, 2022 C8-22-04 UDC amendments underground transmission line relief special exception

Dear Planning Commission:

Please grant the special exceptions that are being considered relating to TEP's DeMoss-Petrie kilovolt transmission lines.

The UDC, as recently interpreted in the August 2021 Zoning Administrator's Determination creates the disastrous unintended consequence of forcing overhead utility lines into small neighborhoods and along residential surface streets. This means that these transmission lines can be sent up Norris, or Olsen, Stewart, Warren, or Cherry Ave, (or along the zigzagging Route 5A, through the Arroyo Chico, up Tyndall, Euclid and Vine), all just to avoid the senseless prohibition of overhead lines on "gateway" routes.

So-called "gateway" routes are already slices of urban blight. This is where we channel our necessary traffic, its carbon emissions, heightened ozone levels, noise and light pollution, the unsightly vehicle congestion, blacktop and concrete, commercial signage, traffic control devices, etc. -- plus, a large burden of existing overhead utility lines. I don't believe there can be found a person who travels on, or lives alongside Kino or Campbell, Grant Rd. or Speedway Blvd. who sites their enjoyment of gazing out upon the roadway as a benefit of moving along or living on the thoroughfare.

These roadways are necessarily disagreeable places.

But big arterial thoroughfares are the proper place for utility transmission lines.

We should concentrate our urban unsightliness along these arteries, not spread it around until every neighborhood street is similarly blighted.

The best course of action would be to eliminate entirely the portions of the UDC that disallow overhead utility lines along "gateway" routes.

Since this is not up for consideration, please grant the exceptions so that transmission lines may proceed along the preferred Route 1A.

Thank you.

Sincerely,

Greg Clark

133 S. Cherry Ave.

Subject: FW: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment

Date: Monday, April 4, 2022 at 6:42:54 AM Mountain Standard Time

From: PlanningCommission

To: Daniel Bursuck, Koren Manning

From: BG Kunkel <barb33624@gmail.com>

Sent: Monday, April 4, 2022 6:42:47 AM (UTC-07:00) Arizona

To: PlanningCommission <PlanningCommission@tucsonaz.gov>

Subject: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment

Barb Kunkel _____

4164 W Winter Wash Dr

Tucson, AZ 85745

April __4__, 2022

City of Tucson

Planning Commission

Emailed to: PlanningCommission@tucsonaz.gov

Agenda/Meeting Links: <https://www.tucsonaz.gov/pdsd/planning-commission>

Re: Request to **Not** Recommend Proposed Changes

C8-22-04 Underground Transmission Line Relief Special Exception

UDC Text Amendment Public Hearing (Citywide)

April 6, 2022

Dear Chairperson Wellott and Commissioners:

Please **do not** recommend the proposed changes in the above referenced matter. Our Scenic and Gateway Corridors must be protected, not undermined.

The City of Tucson collaborated with TEP in closed door sessions to create proposed text amendments. TEP coauthored proposed loopholes to the Scenic and Gateway Ordinances. The City is further enabling TEP's outdated policy to not underground.

If allowed, these proposed text amendments would result in the City never requiring undergrounding in our Scenic and Gateway Corridors. Allowing TEP's excuses to become the law of the City creates loopholes that make our Scenic and Gateway Ordinances impossible to enforce.

Mayor and Council decided Scenic and Gateway Corridors were valuable to Tucson by adopting Ordinances to protect them. Our Scenic Corridors were created to enjoy and protect the scenic resources and natural vegetation. (UDC 5.3) Our Gateway Corridors were created to establish and protect a favorable visual impression to tourists and create attractive streets. (UDC 5.5) These proposed amendments are an abandonment by the City of its vow to protect Scenic and Gateway corridors. We need enforcement of our Scenic and Gateway Ordinances, not abandonment.

Other Arizona utilities and utilities throughout the country are undergrounding to respond to safety, efficiency, and environmental risks. TEP is out of step.

TEP's archaic policy is to not underground. Tucson is left to suffer with TEP's obsolete policy. Above ground lines are aesthetically ugly and increasingly domineering. They create safety and health issues such as fires, dangerous downed lines, accidents, disrupt medical equipment, and impact health from exposure to lines. They create a negative economic impact on property values (recognized by utility companies themselves) and from outages. Poles and lines interrupt enjoyment of nature, disrupt animal passage, damage nature from snapped wires and can harm animals and wildlife. The increased presence of TEP's poles and wires create a less welcoming Tucson.

Respectfully, I request the Planning Commission not recommend the proposed text amendments to the above referenced matter, C8-22-04. Protect and enforce our Scenic and Gateway Corridor Ordinances as written.

Sincerely,
Barb Kunkel

I stand with Tucson Mountains Association, est. 1934.
Protect, Preserve and Support Open Space and Biological Diversity of the Tucson Mountains

Namaste
Barb Kunkel



JEFFERSON PARK NEIGHBORHOOD ASSOCIATION

P.O. Box 41243 Tucson, AZ 85717

www.jeffersonpark.info

April 2, 2022

City of Tucson, Department of Planning and Development Services
201 N. Stone Avenue, 3rd Floor
Tucson, AZ 85701

Case #: C8-22-04 - UDC Amendments-Underground Transmission Line Special Exceptions

Dear Members of the Planning Commission,

We, the Jefferson Park Neighborhood Association Board, are writing to express our serious concerns regarding the proposed exceptions to the amendments to allow overground lines on routes that currently require undergrounding. TEP submitted the exceptions to amend the City of Tucson's Gateway and Scenic Routes code to allow the construction of gigantic overhead transmission lines in places along the routes, which are currently prohibited. In order to protect its interests, TEP has proposed criteria to permit exceptions to the current code, many of which are so vague and general that it reverses the direct intention of the ordinances.

As they stand now, the exceptions proposed by TEP are much too intrusive and do little to protect the scenic and gateway routes. Further, the current proposal does nothing at all to prevent the erection of these massive lines and poles through residential neighborhoods and historic areas. For example, every planned exit from the projected substation runs poles and lines right through Jefferson Park, which will damage the historic integrity, the property values, and the viewshed.

Jefferson Park is a historic district and one of only two Neighborhood Preservation Zones (NPZ) in Tucson. Its residences, school, health care facilities, churches, and contributing historic structures must be preserved. 138kV poles run counter to all the efforts to preserve this unique part of Tucson.

Jefferson Park Neighborhood Association is in alignment with the conclusions of the Undergrounding Coalition's Steering Committee, in that we outright oppose four of TEP's proposed criteria, 12-d, h, i, and k (See Page 2).

Furthermore, the addition of four new criteria 12-l, m, n, and o, suggested by the Steering Committee, are critical to include. Along with amending TEP's proposed preface, the combination of these will place checks on the effects of all TEP's other criteria (See Page 2).

Beyond the Coalition responses referenced above, criteria 12-c is also problematic for our neighborhood: "Minimal impact on residential areas with adequate setback". There is no "minimal" setback for 100-foot poles.

Although the Mayor and City Council directed the Planning Commission to explore the possibility of providing TEP some relief from the ordinances, we urge you to look carefully at the proposed exceptions and truly consider how, as they are currently written, provide TEP with almost limitless opportunity to erect overhead lines and poles throughout the city. This may be beneficial for TEP, but it certainly works to the detriment of our community. We urge the Planning Commission to take a strong stand to protect the ordinances in place, thereby protecting the Tucson we want now and in the future. Thank you.

Sincerely,

The Jefferson Park Neighborhood Association

JPNA Officers
President-Open
Vice President
 Rosemary Bolza
rbolza@me.com
Executive Vice President
 Colleen Nichols
cnichols17@cox.net
Treasurer
 Joanne Osuna
cricquet16@cox.net
Secretary
 Laurel-Heather Mildner
trdswmn@cox.net

Members at Large
 Michael Crawford
 Joan Daniels
 Patricia Gehlen
 Joan Hall
 Lisa Jones
 Shannon Lindemer
 Bob Schlanger
 Tom Tobin

Area Representatives
 Mary Worthen (Area 1)
 Jon Heine (Area 2)
 Jeanne Calhoun (Area 3)
 Erin Posthumus (Area 4)
 Judy Janson (Area 5)
 Open (Area 6)

Criteria we OPPOSE

(TEP's criteria in red, Steering Committee responses are in blue)

Utility shall gain relief from the Gateway/ Scenic ordinances if the following are allowed without mitigation...

12-d. Existing high-voltage transmission lines, vertical structures, or buildings in area that already compromise the viewshed. No (See the awful visual impact of the current doubling up of poles on Grant from Alvernon to Swan).

12-h. Proposed transmission lines provide electrical service to critical customers where overhead lines are strongly recommended for specialized operations; examples include but are not limited to: provision of electricity to Davis Monthan AFB or other installations necessary to the national defense, hospitals, research facilities, etc. No. We also object categorically that hospitals and research facilities would be considered in the same manner as military facilities. We oppose overhead lines at hospitals and research facilities and remain neutral about Davis Monthan and military facilities.

12-i. Proposed overhead transmission lines, rather than undergrounded transmission lines on a particular route, would avoid undesirable aesthetic, viewshed, or other adverse impacts that would result from facilities being located on an alternative route. No (This criterion, if implemented as written, would convert gateway and scenic routes from being special routes the Code intends them to be, to being subsidiary to other routes instead).

12-k. A Special Exception request to relieve the requirement to underground transmission lines that meets the findings established by UDC section 3.4.5, Findings and which also meets criteria a, e, and g of this subsection is deemed to presumptively meet the required findings for approval. No (There should always be full public review *without prejudice* of any proposed exception).

New Criteria and Revision Proposed by the Steering Committee to SUPPORT

The amended preface and four new criteria are as follows:

12. Transmission lines may be relieved of their requirement to be underground per UDC section 5.3, Scenic Corridor Zone (SCZ) or section 5.5, Gateway Corridor Zone (GCZ) in accordance with UDC section 3.4.3 Zoning Examiner Special Exception Procedure. In addition to the required findings of UDC section 3.4.5, the criteria for Special Exception consideration includes the following, with the understanding that an exception will be permitted only as long as none of the other following criteria are violated where the criteria are relevant:

12-l. The effects that can be expected from permitting any of the exceptions listed herein or any combination of those exceptions when added together must remain consistent with the overall purpose and integrity of the gateway/scenic route, unless it is technologically impossible and/or clearly financially cost prohibitive.

12-m. Notwithstanding any of the above criteria, above ground transmission lines are not allowed in or alongside historic areas (as defined by or listed in the National Register of Historic Places, properties or districts, City of Tucson Historic Preservation Zones, City of Tucson Historic Landmarks, or Neighborhood Preservation Zones).

12-n. Utility cannot obtain relief from Gateway/Scenic ordinances by routing through adjacent residential neighborhoods.

12-o. Any new above-ground utility that is permitted must be designed, constructed, and also maintained to be as unobtrusive as possible.

Subject: FW: [EXTERNAL]Comment on case number (C8-22-04)

Date: Monday, April 4, 2022 at 7:15:10 AM Mountain Standard Time

From: PlanningCommission

To: Daniel Bursuck, Koren Manning

From: DOROTHY RICHMOND <santaritasprings@gmail.com>

Sent: Monday, April 4, 2022 7:15:02 AM (UTC-07:00) Arizona

To: PlanningCommission

Subject: [EXTERNAL]Comment on case number (C8-22-04)

Dear Planning Commissioner:

Regarding the meeting April 6,2022

at 6pm about case number C8-22-04, I submit that TEP can easily afford to put power transmission lines underground, providing electricity to Tucson without destroying the beauty of our historic neighborhoods and the Gateway views of the Catalina mountains that have made our own citizens proud and visitors eager to enjoy for decades!

Our economy depends upon visitors, so let's keep on welcoming them to our lovely place in the sun, not permit TEP executives to wreck our historic charm with an invasive industrial appearance power lines plan!

Thanks,

Dorothy Richmond

'Every time we witness an injustice and do not act, we train our character to be passive in its presence and thereby eventually lose all ability to defend ourselves and those we love.'

— Julian Assange

Subject: FW: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment

Date: Monday, April 4, 2022 at 2:01:47 PM Mountain Standard Time

From: PlanningCommission

To: Daniel Bursuck, Koren Manning

From: Noreen C <noreencary@gmail.com>

Sent: Monday, April 4, 2022 2:01:30 PM (UTC-07:00) Arizona

To: PlanningCommission <PlanningCommission@tucsonaz.gov>

Cc: Noreen Cary <noreencary@gmail.com>

Subject: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment

Noreen Cary
4725 W Gate Pass Road
Tucson, AZ 85745

April 4, 2022

City of Tucson Planning Commission

Emailed to: PlanningCommission@tucsonaz.gov

Agenda/Meeting Links: <https://www.tucsonaz.gov/pdsd/planning-commission>

Re: Request to Not Recommend Proposed Changes
C8-22-04 Underground Transmission Line Relief Special Exception
UDC Text Amendment Public Hearing (Citywide)
April 6, 2022

N Y/N I Request to speak on April 2, 2022 (if Yes, my phone number to be used for the meeting is: _____)

Dear Chairperson Wellott and Commissioners:

Please do not recommend the proposed changes in the above referenced matter. Our Scenic and Gateway Corridors must be protected, not undermined.

The City of Tucson collaborated with TEP in closed door sessions to create proposed text amendments. TEP co authored proposed loopholes to the Scenic and Gateway Ordinances. The City is further enabling TEP's outdated policy to not underground.

If allowed, these proposed text amendments would result in the City never requiring undergrounding in our Scenic and Gateway Corridors. Allowing TEP's excuses to become the law of the City creates loopholes that make our Scenic and Gateway Ordinances impossible to enforce.

Mayor and Council decided Scenic and Gateway Corridors were valuable to Tucson by adopting Ordinances to protect them. Our Scenic Corridors were created to enjoy and protect the scenic resources and natural vegetation. (UDC 5.3) Our Gateway Corridors were created to establish and protect a favorable visual impression to tourists and create attractive streets. (UDC 5.5) These proposed amendments are an abandonment by the City of its vow to protect Scenic and Gateway corridors. We need enforcement of our Scenic and Gateway Ordinances, not abandonment.

Other Arizona utilities and utilities throughout the country are undergrounding to respond to safety, efficiency, and environmental risks. TEP is out of step.

TEP's archaic policy is to not underground. Tucson is left to suffer with TEP's obsolete policy. Above ground lines are aesthetically ugly and increasingly domineering. They create safety and health issues such as fires, dangerous downed lines, accidents, disrupt medical equipment, and impact health from exposure to lines. They create a negative economic impact on property values (recognized by utility companies themselves) and from outages. Poles and lines interrupt enjoyment of nature, disrupt animal passage, damage nature from snapped wires and can harm animals and wildlife. The increased presence of TEP's poles and wires create a less welcoming Tucson.

Respectfully, I request the Planning Commission not recommend the proposed text amendments to the above referenced matter, C8-22-04. Protect and enforce our Scenic and Gateway Corridor Ordinances as written.

Sincerely,
Noreen Cary

Subject: FW: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment
Date: Monday, April 4, 2022 at 1:45:39 PM Mountain Standard Time
From: PlanningCommission
To: Daniel Bursuck, Koren Manning

From: Dan Oved <runningturtle@cox.net>
Sent: Monday, April 4, 2022 1:45:29 PM (UTC-07:00) Arizona
To: PlanningCommission
Subject: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment

In a nutshell, please do not suspend or change the rules regarding keeping our scenic routes actually scenic. Enforce those rules, for all our sakes! TEP will do just fine even if they have to put their transmission lines underground and their children, as well as ours, will grow up in a city where preserving our attachment to nature supersedes the greed of a few. Thank you,
Dan Oved
3233 W Ruthann Rd
Tucson, Az. 85745
(520) 465-1745

(Name) _____
(Address) _____
Tucson, AZ 857

April __, 2022

City of Tucson
Planning Commission
 Emailed to:
PlanningCommission@tucsonaz.gov
 Agenda/Meeting Links:
<https://www.tucsonaz.gov/pdsd/planning-commission>

Re: Request to Not Recommend Proposed Changes
 C8-22-04 Underground Transmission Line Relief Special Exception
 UDC Text Amendment Public Hearing (Citywide)
 April 6, 2022

 ___ Y/N I Request to speak on April 2, 2022 (if Yes, my phone number to be used for the
 meeting is: _____)

Dear Chairperson Wellott and Commissioners:

Please do not recommend the proposed changes in the above referenced matter. Our Scenic and Gateway Corridors must be protected, not undermined.

The City of Tucson collaborated with TEP in closed door sessions to create proposed text amendments. TEP coauthored proposed loopholes to the Scenic and Gateway Ordinances. The City is further enabling TEP's outdated policy to not underground.

If allowed, these proposed text amendments would result in the City never requiring undergrounding in our Scenic and Gateway Corridors. Allowing TEP's excuses to become the law of the City creates loopholes that make our Scenic and Gateway Ordinances impossible to enforce.

Mayor and Council decided Scenic and Gateway Corridors were valuable to Tucson by adopting Ordinances to protect them. Our Scenic Corridors were created to enjoy and protect the scenic resources and natural vegetation. (UDC 5.3) Our Gateway Corridors were created to establish and protect a favorable visual impression to tourists and create attractive streets. (UDC 5.5) These proposed amendments are an abandonment by the City of its vow to protect Scenic and Gateway corridors. We need enforcement of our Scenic and Gateway Ordinances, not abandonment.

Other Arizona utilities and utilities throughout the country are undergrounding to respond to safety, efficiency, and environmental risks. TEP is out of step.

TEP's archaic policy is to not underground. Tucson is left to suffer with TEP's obsolete policy. Above ground lines are aesthetically ugly and increasingly domineering. They create safety and health issues such as fires, dangerous downed lines, accidents, disrupt medical equipment, and impact health from

exposure to lines. They create a negative economic impact on property values (recognized by utility companies themselves) and from outages. Poles and lines interrupt enjoyment of nature, disrupt animal passage, damage nature from snapped wires and can harm animals and wildlife. The increased presence of TEP's poles and wires create a less welcoming Tucson.

Respectfully, I request the Planning Commission not recommend the proposed text amendments to the above referenced matter, C8-22-04. Protect and enforce our Scenic and Gateway Corridor Ordinances as written.
 Sincerely,

I stand with Tucson Mountains Association, est. 1934.
Protect, Preserve and Support Open Space and Biological Diversity of the Tucson Mountains
Join or Contribute Online
TMACares.org
See pdf link to this letter <https://indd.adobe.com/view/4ff53737-513a-4ccc-96c6-835c0914c023>

(520) 465-1745

Subject: FW: [EXTERNAL]Underground Transmission Lines
Date: Monday, April 4, 2022 at 12:06:09 PM Mountain Standard Time
From: PlanningCommission
To: Daniel Bursuck, Koren Manning

From: Natalie Mcgee <socrates.plato76@gmail.com>
Sent: Monday, April 4, 2022 12:05:53 PM (UTC-07:00) Arizona
To: PlanningCommission <PlanningCommission@tucsonaz.gov>
Subject: [EXTERNAL]Underground Transmission Lines

I am very concerned about TEP not complying with undergrounding requirements in our Scenic and Gateway Corridor Zones.

Please please don't let this happen.

Natalie McGee
520 625 4419

Subject: FW: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment
Date: Monday, April 4, 2022 at 11:37:20 AM Mountain Standard Time
From: PlanningCommission
To: Daniel Bursuck, Koren Manning

From: LM <lmarkowitz8@gmail.com>
Sent: Monday, April 4, 2022 11:36:45 AM (UTC-07:00) Arizona
To: PlanningCommission <PlanningCommission@tucsonaz.gov>
Subject: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment

Laura Markowitz
4481 N Cerritos Drive
Tucson, AZ 85745

April 4, 2022

Dear Chairperson Wellott and Commissioners:

We who live in the Tucson Mountains and in Pima County are counting on you to protect our Scenic and Gateway Corridors. There will always be those who find it more profitable to undermine our protected ecosystems, and its up to our leaders (you!) to act for the long-term good of our community to uphold the codes that were created---with a lot of effort---to benefit everyone. TEP is a rich and powerful Canadian-owned corporation that naturally wants to maximize its profits. It must be vigilant about its bottom lines. But their interests in this case do NOT reflect what it best for the long-term well-being of Tucson. We can't afford to lose---forever---our beautiful land, views, and habitat to development that puts profit before the community it is supposed to serve. PLEASE think seven generations down the line and protect our county from irreversible damage that CAN BE AVOIDED by upholding the current agreement to underground TEP's lines.

It is further troubling that TEP and Tucson City officials held closed door sessions to create proposed text amendments. ignoring the concerns and input of community members. TEP coauthored proposed loopholes to the Scenic and Gateway Ordinances, and now the City is further enabling TEP's outdated policy to not underground.

If allowed, these proposed text amendments would result in the City NEVER requiring undergrounding in our Scenic and Gateway Corridors. Allowing TEP's excuses to become the law of the City creates loopholes that make our Scenic and Gateway Ordinances impossible to enforce.

Mayor and Council decided Scenic and Gateway Corridors were valuable to Tucson by adopting Ordinances to protect them. Our Scenic Corridors were created to enjoy and protect the scenic resources and natural vegetation. (UDC 5.3) Our Gateway Corridors were created to establish and protect a favorable visual impression to tourists and create attractive streets. (UDC 5.5) These proposed amendments are an abandonment by the City of its vow to protect Scenic and Gateway corridors. We need enforcement of our Scenic and Gateway Ordinances, not abandonment.

Other Arizona utilities and utilities throughout the country are undergrounding to respond to safety, efficiency, and environmental risks. TEP is out of step.

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negative economic impact on property values (recognized by utility companies themselves) and from outages. Poles and lines interrupt enjoyment of nature, disrupt animal passage, damage nature from snapped wires and can harm animals and wildlife. The increased presence of TEP's poles and wires create a less welcoming Tucson.

Respectfully, I request the Planning Commission **not recommend the proposed text amendments to the above referenced matter, C8-22-04**. Please protect and enforce our Scenic and Gateway Corridor Ordinances as written.

Sincerely,

Laura Markowitz

Subject: FW: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment

Date: Monday, April 4, 2022 at 10:46:57 AM Mountain Standard Time

From: PlanningCommission

To: Daniel Bursuck, Koren Manning

From: Bill Hanson <whanson25@gmail.com>

Sent: Monday, April 4, 2022 10:46:25 AM (UTC-07:00) Arizona

To: PlanningCommission <PlanningCommission@tucsonaz.gov>

Subject: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment

Bill Hanson

2202 E. 1st Street

Tucson, AZ 85719

April 4, 2022

City of Tucson

Planning Commission

Emailed to: PlanningCommission@tucsonaz.gov

Agenda/Meeting Links: <https://www.tucsonaz.gov/pdsd/planning-commission>

Re: Request to Not Recommend Proposed Changes

C8-22-04 Underground Transmission Line Relief Special Exception

UDC Text Amendment Public Hearing (Citywide)

April 6, 2022

I do not request to speak at meeting, I would like to submit the following written comment:

Dear Chairperson Wellott and Commissioners:

Please do not recommend the proposed changes in the above referenced matter. Our Scenic and Gateway Corridors must be protected, not undermined. **Tucson needs to continue our evolution towards becoming a destination city with pleasing aesthetics and an improved economy. Beautification of our scenic and gateway corridors is essential to this effort. We should be undergrounding all utilities as replacement becomes warranted, not waiving the requirement in our currently protected areas. As a licensed professional engineer I understand that undergrounding these high voltage lines comes at significant additional cost and I support paying my share of these costs along with the rest of the TEP rate paying community.**

The City of Tucson collaborated with TEP in closed door sessions to create proposed text amendments. TEP coauthored proposed loopholes to the Scenic and Gateway Ordinances. The City is further enabling TEP's outdated policy to not underground.

If allowed, these proposed text amendments would result in the City never requiring undergrounding in our Scenic and Gateway Corridors. Allowing TEP's excuses to become the law of the City creates loopholes that make our Scenic and Gateway Ordinances impossible to enforce.

Mayor and Council decided Scenic and Gateway Corridors were valuable to Tucson by adopting Ordinances to protect them. Our Scenic Corridors were created to enjoy and protect the scenic resources and natural vegetation. (UDC 5.3) Our Gateway Corridors were created to establish and protect a favorable visual impression to tourists and create attractive streets. (UDC 5.5) **These proposed amendments are an abandonment by the City of its vow to protect Scenic and Gateway corridors.** We need enforcement of our Scenic and Gateway Ordinances, not abandonment.

Other Arizona utilities and utilities throughout the country are undergrounding to respond to safety, efficiency, and environmental risks. TEP is out of step.

TEP's archaic policy is to not underground. Tucson is left to suffer with TEP's obsolete policy. Above ground lines are aesthetically ugly and increasingly domineering. They create safety and health issues such as fires, dangerous downed lines, accidents, disrupt medical equipment, and impact health from exposure to lines. **They create a negative economic impact on property values** (recognized by utility companies themselves) and from outages. Poles and lines interrupt enjoyment of nature, disrupt animal passage, damage nature from snapped wires and can harm animals and wildlife. The increased presence of TEP's poles and wires create a less welcoming Tucson.

Respectfully, I request the Planning Commission not recommend the proposed text amendments to the above referenced matter, C8-22-04. Protect and enforce our Scenic and Gateway Corridor Ordinances as written.

Sincerely,

I stand with Tucson Mountains Association, est. 1934.

Protect, Preserve and Support Open Space and Biological Diversity of the Tucson Mountains

Join or Contribute Online

TMACares.org

See pdf link to this letter <https://indd.adobe.com/view/4ff53737-513a-4ccc-96c6-835c0914c023>

Subject: FW: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment

Date: Monday, April 4, 2022 at 10:41:57 AM Mountain Standard Time

From: PlanningCommission

To: Daniel Bursuck, Koren Manning

From: Janski <janski62@yahoo.com>

Sent: Monday, April 4, 2022 10:41:25 AM (UTC-07:00) Arizona

To: PlanningCommission <PlanningCommission@tucsonaz.gov>

Subject: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment

Janet L. Ziolkowski
705 W. Las Lomas Rd.
Tucson, AZ 85704
804-314-8164
janski62@yahoo.com

April 4, 2022

City of Tucson

Planning Commission

Emailed to: PlanningCommission@tucsonaz.gov

Agenda/Meeting Links: <https://www.tucsonaz.gov/pdsd/planning-commission>

Re: Request to Not Recommend Proposed Changes
C8-22-04 Underground Transmission Line Relief Special Exception
UDC Text Amendment Public Hearing (Citywide)
April 6, 2022

(x) No. I do not request to speak on April 6, 2022. Instead, please use my email to reflect my sincere wishes. Thank you.

Dear Chairperson Wellott and Commissioners:

Please do not recommend the proposed changes in the above referenced matter. Our Scenic and Gateway Corridors must be protected, not undermined.

The City of Tucson collaborated with TEP in closed door sessions to create proposed text amendments. TEP coauthored proposed loopholes to the Scenic and Gateway Ordinances. The City is further enabling TEP's outdated policy to not underground.

If allowed, these proposed text amendments would result in the City never requiring undergrounding in our Scenic and Gateway Corridors. Allowing TEP's excuses to become the law of the City creates loopholes that make our Scenic and Gateway Ordinances impossible to enforce. Which I feel would be a mistake.

Mayor and Council decided Scenic and Gateway Corridors were valuable to Tucson by adopting Ordinances to protect them. Our Scenic Corridors were created to enjoy and protect the scenic resources and natural vegetation. (UDC 5.3) Our Gateway Corridors were created to establish and protect a favorable visual impression to tourists and create attractive streets. (UDC 5.5) These proposed amendments are an abandonment by the City of its vow to protect Scenic and Gateway corridors. We need enforcement of our Scenic and Gateway Ordinances, not abandonment.

Other Arizona utilities and utilities throughout the country are undergrounding to respond to safety, efficiency, and environmental risks. TEP is out of step.

TEP's archaic policy is to not underground. Which is out of line with many states across the entire country who choose to underground for safety, less costs, easier repairs and less frequent repairs when below ground due to natural disaster, though Tucson and Arizona is not as prone to suffer Earthquakes, Hurricanes, Tornadoes such as other areas we are prone to Wildfires, Monsoons and Extreme Heat unlike other areas. Tucson is left to suffer with TEP's obsolete policy. Above ground lines are aesthetically ugly and increasingly domineering. They create safety and health issues such as fires, dangerous downed lines, accidents, disrupt medical equipment, and impact health from exposure to lines. They create a negative economic impact on property values (recognized by utility companies themselves) and from outages. Poles and lines interrupt enjoyment of nature, disrupt animal passage, damage nature from snapped wires and can harm animals and wildlife. The increased presence of TEP's poles and wires create a less welcoming Tucson. I personally have had potential home buyers decide not to buy my home because there were power lines within a certain radius of my community alone and not even my home because individuals are becoming more aware of the health risk of having exposed lines within a certain radius of their homes.

Respectfully, I request the Planning Commission not recommend the proposed text amendments to the above referenced matter, C8-22-04. Protect and enforce our Scenic and Gateway Corridor Ordinances as written.

Sincerely,

Janet L. Ziolkowski
Concerned Citizen, Resident, Advocate and Constituent
705 W. Las Lomas Rd.
Tucson, AZ 85704
804-314-8164
janski62@yahoo.com

I stand with Tucson Mountains Association, est. 1934.

Protect, Preserve and Support Open Space and Biological Diversity of the Tucson Mountains

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See pdf link to this letter <https://indd.adobe.com/view/4ff53737-513a-4ccc-96c6-835c0914c023>

[Sent from Yahoo Mail on Android](#)

Subject: FW: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment

Date: Monday, April 4, 2022 at 10:24:03 AM Mountain Standard Time

From: PlanningCommission

To: Daniel Bursuck, Koren Manning

From: Ellen & David Duax <hacienda23@yahoo.com>

Sent: Monday, April 4, 2022 10:23:52 AM (UTC-07:00) Arizona

To: PlanningCommission <PlanningCommission@tucsonaz.gov>

Subject: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment

(Name) David Duax (Address) 267 N. Main Avenue, Tucson, AZ 85701

April 4, 2022

City of Tucson Planning Commission

Emailed to: PlanningCommission@tucsonaz.gov Agenda/Meeting Links:

<https://www.tucsonaz.gov/pdsd/planning-commission>

Re: Request to Not Recommend Proposed Changes C8-22-04 Underground Transmission Line Relief Special Exception UDC Text Amendment Public Hearing (Citywide) April 6, 2022

 No_ Y/N I Request to speak on April 2, 2022 (if Yes, my phone number to be used for the meeting is: _____)

Dear Chairperson Wellott and Commissioners:

Please do not recommend the proposed changes in the above referenced matter. Our Scenic and Gateway Corridors must be protected, not undermined. The City of Tucson collaborated with TEP in closed door sessions to create proposed text amendments. TEP coauthored proposed loopholes to the Scenic and Gateway Ordinances. The City is further enabling TEP's outdated policy to not underground. If allowed, these proposed text amendments would result in the City never requiring undergrounding in our Scenic and Gateway Corridors. Allowing TEP's excuses to become the law of the City creates loopholes that make our Scenic and Gateway Ordinances impossible to enforce. Mayor and Council decided Scenic and Gateway Corridors were valuable to Tucson by adopting Ordinances to protect them. Our Scenic Corridors were created to enjoy and protect the scenic resources and natural vegetation. (UDC 5.3) Our Gateway Corridors were created to establish and protect a favorable visual impression to tourists and create attractive streets. (UDC 5.5) These proposed amendments are an abandonment by the City of its vow to protect Scenic and Gateway corridors. We need enforcement of our Scenic and Gateway Ordinances, not abandonment. Other Arizona utilities and utilities throughout the country are undergrounding to

respond to safety, efficiency, and environmental risks. TEP is out of step. TEP's archaic policy is to not underground. Tucson is left to suffer with TEP's obsolete policy. Above ground lines are aesthetically ugly and increasingly domineering. They create safety and health issues such as fires, dangerous downed lines, accidents, disrupt medical equipment, and impact health from exposure to lines. They create a negative economic impact on property values (recognized by utility companies themselves) and from outages. Poles and lines interrupt enjoyment of nature, disrupt animal passage, damage nature from snapped wires and can harm animals and wildlife. The increased presence of TEP's poles and wires create a less welcoming Tucson. Respectfully, I request the Planning Commission not recommend the proposed text amendments to the above referenced matter, C8-22-04. Protect and enforce our Scenic and Gateway Corridor Ordinances as written.

Sincerely,
David Duax

I stand with Tucson Mountains Association, est. 1934. Protect, Preserve and Support Open Space and Biological Diversity of the Tucson Mountains Join or Contribute Online TMAcares.org See pdf link to this letter
<https://indd.adobe.com/view/4ff53737-513a-4ccc-96c6-835c0914c023>

Subject: FW: [EXTERNAL]Proposed change to Scenic Corridor Ordinance, C8-22-04
Date: Monday, April 4, 2022 at 10:12:13 AM Mountain Standard Time
From: PlanningCommission
To: Daniel Bursuck, Koren Manning

From: Maxine and David Jacobs <sobrachula@gmail.com>
Sent: Monday, April 4, 2022 10:11:30 AM (UTC-07:00) Arizona
To: PlanningCommission <PlanningCommission@tucsonaz.gov>
Subject: [EXTERNAL]Proposed change to Scenic Corridor Ordinance, C8-22-04

David Jacobs
2800 W. Placita Sombra Chula
Tucson, AZ 85745

April 4, 2022

City of Tucson
Planning Commission

Re: Request to Not Recommend Proposed Changes
C8-22-04 Underground Transmission Line Relief Special Exception
UDC Text Amendment Public Hearing (Citywide)
April 6, 2022

Dear Chairperson Wellott and Commissioners:

Please do not recommend the proposed changes in the above referenced matter. Our Scenic and Gateway Corridors must be protected.

I represent a small neighborhood association, Sombras del Cerro HOA that borders Silverbell Road and we have watched TEP completely trash our scenic corridor with tall and unsightly poles and a large number of lines in total violation of the provisions that required them to underground these lines when relocating. With the aid and collusion of the Planning Commission. Our home values were compromised for TEP's convenience.

It appears that TEP's whining about undergrounding along Silverbell worked so well that they were given a variance, and now they would like it to be codified. BUT, "only in certain circumstances where there are physical, archeological, cultural or financial reasons that make placing utilities underground infeasible." Are there any instances that don't fit one of those exceptions?

It's ironic that TEP leaned on Native Americans for the support to break a treaty, isn't it?

What good is a Scenic and Gateway Corridor Ordinance if the Planning Commission is willing to bend the rules for TEP? Please find the fortitude to enforce the rules, and reject this proposed change..

Thank you....David Jacobs, President – Sombras del Cerro HOA

Subject: FW: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment
Date: Monday, April 4, 2022 at 9:51:50 AM Mountain Standard Time
From: PlanningCommission
To: Daniel Bursuck, Koren Manning

From: Marilyn Malone <mmalone222@me.com>
Sent: Monday, April 4, 2022 9:51:19 AM (UTC-07:00) Arizona
To: PlanningCommission
Subject: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment

Marilyn Malone
4750 West Jojoba Drive
Tucson, AZ 85745

April 4, 2022

City of Tucson
Planning Commission
Emailed to: PlanningCommission@tucsonaz.gov
Agenda/Meeting Links: <https://www.tucsonaz.gov/pdsd/planning-commission>

Re: Request to Not Recommend Proposed Changes
C8-22-04 Underground Transmission Line Relief Special Exception
UDC Text Amendment Public Hearing (Citywide)
April 6, 2022

Dear Chairperson Wellott and Commissioners:

I concur with the facts and circumstances listed below and ask you to consider the ramifications of your decision, which will effect Tucson's unique ambiance for current citizens and those to come. We will already suffer from the newly changed Silverbell Rd above ground TEP tower-building exception. What is TEP doing that is persuading City government representatives to bow to them?

Please do not recommend the proposed changes in the above referenced matter. Our Scenic and Gateway Corridors must be protected, not undermined.

The City of Tucson collaborated with TEP in closed door sessions to create proposed text amendments. TEP coauthored proposed loopholes to the Scenic and Gateway Ordinances. The City is further enabling TEP's

outdated policy to not underground.

If allowed, these proposed text amendments would result in the City never requiring undergrounding in our Scenic and Gateway Corridors. Allowing TEP's excuses to become the law of the City creates loopholes that make our Scenic and Gateway Ordinances impossible to enforce.

Mayor and Council decided Scenic and Gateway Corridors were valuable to Tucson by adopting Ordinances to protect them. Our Scenic Corridors were created to enjoy and protect the scenic resources and natural vegetation. (UDC 5.3) Our Gateway Corridors were created to establish and protect a favorable visual impression to tourists and create attractive streets. (UDC 5.5) These proposed amendments are an abandonment by the City of its vow to protect Scenic and Gateway corridors. We need enforcement of our Scenic and Gateway Ordinances, not abandonment.

Other Arizona utilities and utilities throughout the country are undergrounding to respond to safety, efficiency, and environmental risks. TEP is out of step.

TEP's archaic policy is to not underground. Tucson is left to suffer with TEP's obsolete policy. Above ground lines are aesthetically ugly and increasingly domineering. They create safety and health issues such as fires, dangerous downed lines, accidents, disrupt medical equipment, and impact health from exposure to lines. They create a negative economic impact on property values (recognized by utility companies themselves) and from outages. Poles and lines interrupt enjoyment of nature, disrupt animal passage, damage nature from snapped wires and can harm animals and wildlife. The increased presence of TEP's poles and wires create a less welcoming Tucson.

Respectfully, I request the Planning Commission not recommend the proposed text amendments to the above referenced matter, C8-22-04. Protect and enforce our Scenic and Gateway Corridor Ordinances as written.

Sincerely,

I stand with Tucson Mountains Association, est. 1934.

Protect, Preserve and Support Open Space and Biological Diversity of the Tucson Mountains

Join or Contribute Online

TMACares.org

See pdf link to this letter <https://indd.adobe.com/view/4ff53737-513a-4ccc-96c6-835c0914c023>

Subject: FW: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment

Date: Monday, April 4, 2022 at 9:33:06 AM Mountain Standard Time

From: PlanningCommission

To: Daniel Bursuck, Koren Manning

From: Karen McKee <kmckee12@cox.net>

Sent: Monday, April 4, 2022 9:32:56 AM (UTC-07:00) Arizona

To: PlanningCommission <PlanningCommission@tucsonaz.gov>

Subject: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment

(Name) _Karen McKee _____

(Address)3421 N. Grannen Rd _____

Tucson, AZ 85745

April _4_, 2022

City of Tucson

Planning Commission

Emailed to: PlanningCommission@tucsonaz.gov

Agenda/Meeting Links: <https://www.tucsonaz.gov/pdsd/planning-commission>

Re: Request to Not Recommend Proposed Changes

C8-22-04 Underground Transmission Line Relief Special Exception

UDC Text Amendment Public Hearing (Citywide)

April 6, 2022

__N_ Y/N I Request to speak on April 2, 2022 (if Yes, my phone number to be used for the meeting is: _____)

Dear Chairperson Wellott and Commissioners:

Please do not recommend the proposed changes in the above referenced matter. Our Scenic and Gateway Corridors must be protected, not undermined.

The City of Tucson collaborated with TEP in closed door sessions to create proposed text amendments. TEP coauthored proposed loopholes to the Scenic and Gateway Ordinances. The City is further enabling TEP's outdated policy to not underground.

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Sincerely,

I stand with Tucson Mountains Association, est. 1934.

Protect, Preserve and Support Open Space and Biological Diversity of the Tucson Mountains

Join or Contribute Online

TMACares.org

See pdf link to this letter <https://indd.adobe.com/view/4ff53737-513a-4ccc-96c6-835c0914c023>

Subject: FW: Joan Daniels comments to the TEP Public Hearing April 6
Date: Sunday, April 3, 2022 at 2:57:37 PM Mountain Standard Time
From: PlanningCommission
To: Daniel Bursuck, Koren Manning

From: J E DANIELS <JDCHAMA@msn.com>
Sent: Sunday, April 3, 2022 2:57:29 PM (UTC-07:00) Arizona
To: PlanningCommission <PlanningCommission@tucsonaz.gov>
Cc: Jpna Board and Committee Heads <jpna-board-and-committee-heads@googlegroups.com>; jeffersonparktucson@googlegroups.com <jeffersonparktucson@googlegroups.com>
Subject: [EXTERNAL]RE: Joan Daniels comments to the TEP Public Hearing April 6

PlanningCommission@tucsonaz.gov.

RE: Public Hearing April 6, 2002: UDC Amendments-Underground Transmission Line Relief C8-22-04
Special Exceptions
Joan Daniels, Jefferson Park Neighborhood

Planning Commission, you have been tasked with protecting the efforts of 100's of hours of citizen and city official work. Plans and meetings and public input sessions have created Scenic and Gateway route plans, Plan Tucson, the UA plan, and a variety of neighborhood plans, all in an effort to make Tucson a better place to live.

TEP's requested exceptions 12. d,i,h,and k are highly unacceptable and are so vaguely written that they finesse overhead lines anywhere the company chooses.

The exception 12.c to suggest a setback to justify placing 100', 138kV poles in any residential area is disingenuous. It is particularly frustrating that it could be considered in an Historic District with a Neighborhood Preservation Zone. To allow such a thing makes a mockery of the hours and hours of citizen advocacy, area plans, fundraising, grant writing, and partner efforts with the City of Tucson.

I strongly support the Underground Steering Committees analysis and suggestions.

I urge you to make recommendations that respect all the efforts and agreements that have gone before to make Tucson a better place. Citizens must know that plans made in good faith will be honored. To bend to the pressure of large companies does not bode well for Tucson's future.

Subject: [EXTERNAL]Statement from UGC Steering Committee RE: UDC Amendments-Underground Transmission Line Relief C8-22-04, Special Exceptions,
Date: Monday, April 4, 2022 at 3:32:45 PM Mountain Standard Time
From: COLLEEN NICHOLS
To: Planning.commission@tucsonaz.gov, Daniel Bursuck
CC: Clinco, Demion, Craig, Bill, D, Nancy, JE Daniels, Dempsey, Dan, Fischer, Janet, Head, James, Henley, Colby, Historic 4th Ave Coalition, Homan, Barbara, Hotchkiss, Randy, labrigham, Lett, Diana, mabird56, Marsh, Lee, McDonnell, Rick, McLaughlin, Kathi, Miller, Bam, Mitnik, Erika, Nelson, Sarah, Richards, Bob, Schwarz, John, Simms, Penny, skbrigham, Studd, Sarah, Toman, Jayne, Wilson, Josephine, Zapata, Josefina
Attachments: Photos - Grant Road.docx, photo-pole height comparison.docx, Pole with Graffiti.docx, 21-alster-VRS-gtr-p-183-1.pdf

Dear Members of the Planning Commission,

We, the undersigned, constitute the Steering Committee of the Tucson Undergrounding Coalition. As you may recall from our previous communication, the Tucson Undergrounding Coalition consists of fourteen groups—eleven neighborhoods and three organizations—representing nearly 25,000 Tucsonans. The neighborhoods and organizations are: Catalina Vista, Feldman's, Iron Horse, Jefferson Park, Miles, Mountain/1st, Pie Allen, Rincon Heights, Sam Hughes, Samos, and West University plus the Historic Fourth Avenue Coalition, the Grant Road Coalition, and the Tucson Historic Preservation Foundation.

The City of Tucson enacted the gateway and scenic route regulations because the designated routes are especially important to the City's welfare, either aesthetically or economically or both, and thereby warrant safeguarding and special protection. As a result, care must be taken in creating exceptions to ensure that any single exception or any combination of exceptions added together protects and does not undermine the integrity of the route, *which should be a criterion itself written into any set of exceptions added to the Unified Development Code.*

After extensive research, thought, and consideration, the Steering Committee has concluded that we are particularly concerned with and are in outright opposition to four of TEP's proposed criteria. Furthermore, the Steering Committee advocates for the addition of four new criteria along with amending TEP's proposed preface, the combination of which will place checks on the effects of all of TEP's other criteria. (Note: TEP's language is in red, the Steering Committee's responses are in blue).

Criteria We OPPOSE

The four criteria we outright oppose are the following (**REDLINED LANGUAGE IS THE CURRENT PROPOSAL**):

12-d. Existing high-voltage transmission lines, vertical structures, or buildings in area that already compromise the viewshed. No (In the accompanying photos, see the terrible visual impact of the current doubling up of poles on Grant Road from Alvernon to Swan.).

12-h. Proposed transmission lines provide electrical service to critical customers where overhead lines are strongly recommended for specialized operations; examples include but are not limited to: provision

of electricity to Davis Monthan AFB or other installations necessary to the national defense, hospitals, research facilities, etc. No. We object categorically that hospitals and research facilities would be considered in the same manner as military facilities. We also oppose overhead lines at hospitals and research facilities and remain neutral about Davis Monthan and military facilities.

12-i. Proposed overhead transmission lines, rather than undergrounded transmission lines on a particular route, would avoid undesirable aesthetic, viewshed, or other adverse impacts that would result from facilities being located on an alternative route. No (This criterion, if implemented as written, would convert gateway and scenic routes from being special routes the Code intends them to be, to being subsidiary to other routes instead).

12-k. A Special Exception request to relieve the requirement to underground transmission lines that meets the findings established by UDC section 3.4.5, Findings and which also meets criteria a, e, and g of this subsection is deemed to presumptively meet the required findings for approval. No (There should always be full public review *without prejudice* of any proposed exception).

New Criteria and Revision Proposed by the Steering Committee, We SUPPORT

The amended preface and four new criteria are as follows:

12. Transmission lines may be relieved of their requirement to be underground per UDC section 5.3, Scenic Corridor Zone (SCZ) or section 5.5, Gateway Corridor Zone (GCZ) in accordance with UDC section 3.4.3 Zoning Examiner Special Exception Procedure. In addition to the required findings of UDC section 3.4.5, the criteria for Special Exception consideration includes the following, with the understanding that an exception will be permitted only as long as none of the other following criteria are violated where the criteria are relevant:

12-l. The effects that can be expected from permitting any of the exceptions listed herein or any combination of those exceptions when added together must remain consistent with the overall purpose and integrity of the gateway/scenic route, unless it is technologically impossible and/or clearly financially cost prohibitive.

12-m. Notwithstanding any of the above criteria, above ground transmission lines are not allowed in or alongside historic areas (as defined by or listed in the National Register of Historic Places, properties or districts, City of Tucson Historic Preservation Zones, City of Tucson Historic Landmarks, or Neighborhood Preservation Zones).

12-n. Utility cannot obtain relief from Gateway/Scenic ordinances by routing through adjacent residential neighborhoods.

12-o. Any new above-ground utility that is permitted must be designed, constructed, and also maintained to be as unobtrusive as possible (See attached photo of pole with graffiti).

For an in-depth analysis of the impact of the project and the feasibility of undergrounding lines, please review the White Paper of a year ago <http://www.jeffersonpark.info/tep-138-kv-poles.html>.

Attached to the letter are current photos of the overhead line work on Grant Road; just one photo of a gigantic pole with graffiti, many more of which are strewn across Tucson; a photo with a size and height comparison of current distribution lines and the proposed 138kV poles and lines; and a 2017 report, "Reclaiming Visual Stewardship in Tucson, Arizona: Is It Possible?"

Thank you for your consideration.

Sincerely yours,
James Head, Colleen Nichols, John Schwarz, and Bill Craig

RECLAIMING VISUAL STEWARDSHIP IN TUCSON, ARIZONA: IS IT POSSIBLE?

Ellen Barth Alster, Senior Landscape Architect, Pima County Department of Transportation¹

Abstract.—The Sonoran Desert landscape surrounding Tucson, Arizona, consists of sweeping skies punctuated by mountain ranges and saguaro silhouettes. As development occurred decades ago, land use codes and design practices were developed to protect this scenery. More recently, these codes have been ineffectual at integrating utilities into the urban landscape. Using overhead power lines in Tucson as an example, this paper discusses the decline of visual stewardship and impediments to halting this trend. As utility poles have increased substantially in size due to new regulatory requirements and efficiency standards, mitigation practices that visually integrated utility poles into the landscape have been discontinued. Additionally, old poles remain after replacement, cluttering urban streets. Visual decline related to overhead power lines is not inevitable, however. This paper discusses examples of communities that are successfully improving power line design and presents evidence that visual stewardship as a value has begun to emerge in the energy industry.

INTRODUCTION

My involvement in visual resource issues began 5 years ago when I received communication tower plans to review. Before becoming a landscape architect for the county transportation department, my work over the previous 20-plus years in the private sector focused on site design, as opposed to larger landscape concerns. The communication tower I was reviewing would be located adjacent to Saguaro National Park in a designated Scenic Route. A weathering steel pole, 15 feet taller than the existing wood pole and with an increased circumference, would replace the existing pole that was unable to support the antenna. The plans said the new pole would match the adjacent wood poles and the antenna would be painted to match the new pole. After requesting a visual simulation, I received it with the third submittal (Fig. 1). The code required visual simulations; these were provided only after several appeals. The code also required that cell towers be “stealth” by design (Pima County 2017b). As the proposed pole was conspicuously profiled against the sky, I was confused about how this design could be classified as “stealth.”

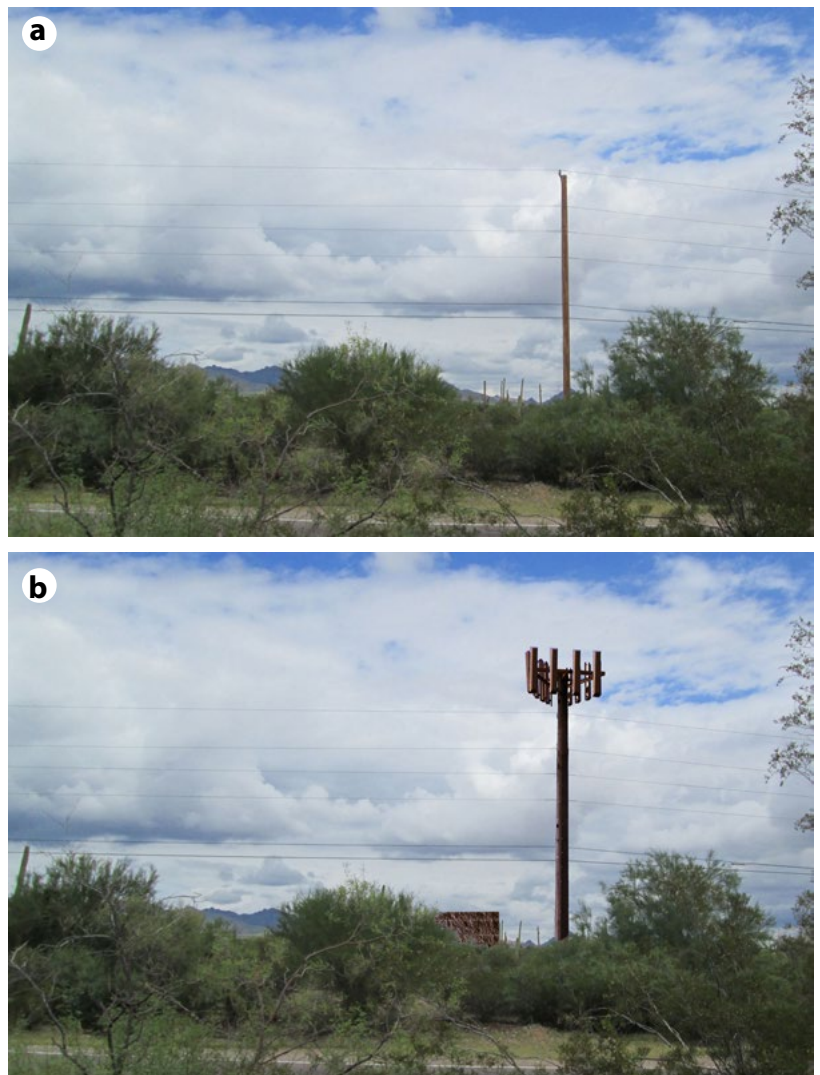


Figure 1.—Existing wood pole (a) and visual simulation of replacement weathering steel pole with communication antenna (b). Photos from permit application on file with Pima County (Arizona) Department of Transportation.

¹ Contact information: 520-444-1144, Ellen.Alster@pima.gov or alster.ellen@gmail.com.

Communication towers, while conspicuous, occur intermittently. The weathering steel poles, meanwhile, dominate the skyline along many of Tucson's urban corridors (Fig. 2). While poles were previously painted in environmentally compatible hues, minimizing contrast with the surroundings (Fig. 3), this practice was discontinued. According to Ed Beck², Tucson Electric Power (TEP)'s position is that painted finishes do not last and repainting processes have negative environmental impacts.

TEP adopted weathering steel for all new and replacement poles citing durability, low maintenance, and ease of use. These poles contrast with rather than blend into the landscape. It is unknown whether the switch to this material was discussed with or agreed to by urban designers, government officials, or members of the public. Increasing in both height and girth due to updated standards from the National Electric Safety Council, these taller, larger poles cause an even greater visual impact.

Redundant poles (i.e., poles that remain after the pole owner has relocated wires to a new pole) clutter roads throughout Tucson (Fig. 4). Cable and communication providers sharing the original pole typically fail to relocate to the new poles. Instead, the original pole is left in place and cut off at the height of the highest remaining utility provider, increasing the number of poles.

The Federal Communication Commission promotes the use of poles by multiple utilities, granting cable and communication carriers nondiscriminatory access to any pole, duct, conduit or right-of-way owned or controlled by a utility (Telecommunications Act of 1996). Pole modifications, both by the original utility and by cable and communication carriers attaching to the pole, add to the visual clutter (Fig. 5).

The public often requests underground utilities, especially when roads are widened and utilities are relocated. In the past 15 years, this has rarely

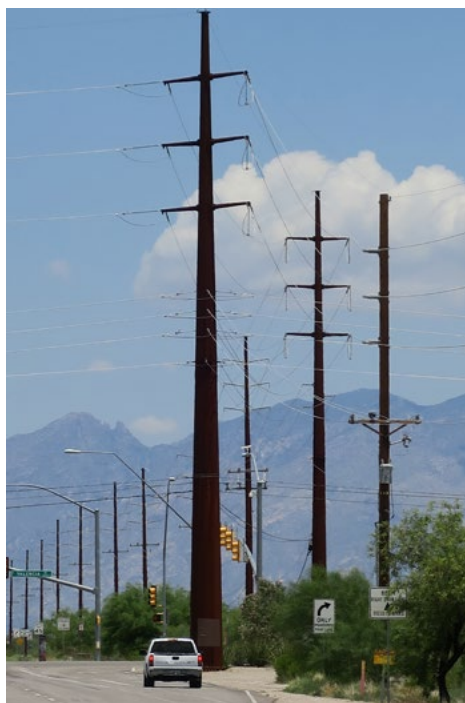


Figure 2.—Weathering steel poles in metropolitan Tucson, AZ, dominate the urban streetscape. Photos by Ellen Barth Alster, used with permission.

² Director of Transmission, Tucson Electric Power, Tucson, Arizona. Telephone conversation, May 27, 2015.



Figure 3—Poles around Tucson used finishes that minimized contrast, receding into the landscape. The practice of painting the poles was discontinued. Photos by Ellen Barth Alster, used with permission.



Figure 4.—Poles that remain after the pole owner has relocated to a new pole are known as redundant poles. Photos by Ellen Barth Alster, used with permission.





Figure 5.—Pole modifications, both by the original utility (leading to wires at top of pole [a]), and by tenants such as cable and communication carriers (leading to wires at bottom [b]), add to the visual clutter. Photos by Ellen Barth Alster, used with permission.

happened. Utilities are typically responsible for their own relocation costs when road projects occur. If utility poles are overhead, utility companies cannot be forced to relocate them underground. The added expense of undergrounding falls on the jurisdiction. Funding sources usually do not cover expenses related to utility relocation, so undergrounding seldom occurs.

How has the hodgepodge of utility poles developed? Has past planning addressed these issues? Was the current situation unanticipated?

I asked these questions to Corky Poster,³ Professor Emeritus of Architecture at the University of Arizona and Principal of Poster Frost Metro Architects. Utility discussions occurred decades earlier, I learned, and he provided to me the urban design reports from 1986 for both Pima County and the City of Tucson, which he had helped to authorCo.

While the reports’ typewritten text and hand drawn sketches seem quaint (Fig. 6), the design directives are startlingly fresh. A report notes that as far back as 1969, Tucson’s citizens valued view protection: “The distant view of mountains, skies, and the surrounding desert afforded by the form of the Tucson Basin is first

³ Architect and Principal Planner, Poster Frost Mirto, Tucson, Arizona. Personal interview, July 19, 2017.

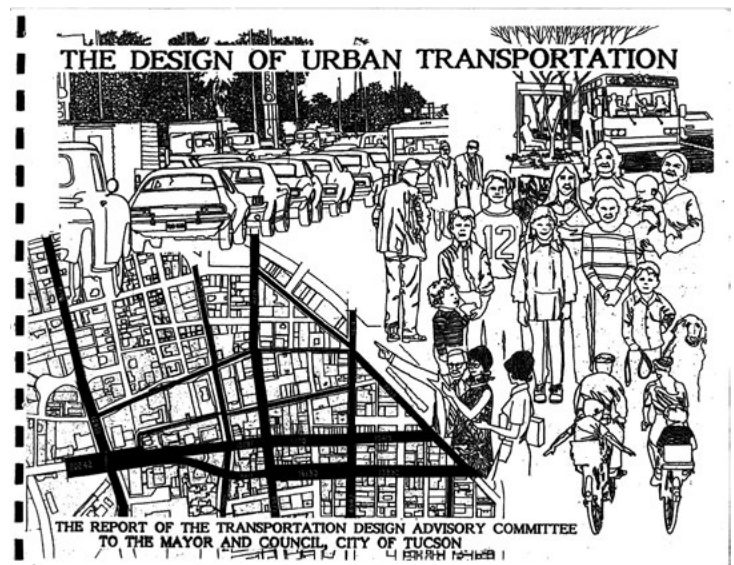


Figure 6.—Cover of City of Tucson Urban Design Report (Locard 1986b). Preservation of views is listed as a priority for Tucson’s citizens in the urban design reports for both the City of Tucson and Pima County. Image courtesy of Corky Poster.

priority in a citizen survey of Tucson’s environmental values. It should become incumbent upon all future planning that these views be kept open for the benefits and enjoyment of everyone” (Locard 1986a, p. 29).

The reports include comprehensive guidelines concerning utilities. “The wires and poles of utility systems—electricity, cable TV, telephone, and public lighting—bring a tremendous clutter to the public

right-of-way. Prioritizing underground and sensitive location of unavoidable above ground utilities will greatly improve the visual quality of our streets” (Locard 1986b, p. 17).

Subsequent policy made its way into Pima County and City of Tucson code. Chapter 10.48 of the Pima County Code establishes Underground Utility Districts (Pima County 2017a) where overhead wires are prohibited. Scenic and Gateway Corridor designations (Pima County 2017c and 2017d) were developed, incorporating building height and color palette restrictions. However, the code abounds with exceptions for utilities. Concerning mitigating utilities’ effect on the landscape, the codes’ intent fails. By limiting building heights along gateways and scenic corridors to 24 feet, utility poles, often 90 feet high or more, soar above the skyline.

Why has visual awareness declined so dramatically in recent years? According to retired Tucson City Planner, Roger Howlett⁴, efforts to improve Tucson’s appearance began in the mid 1960s with recognition from the public and elected officials “that the built part of the city was relatively ugly.” In 1970, Life Magazine branded Speedway Boulevard, a major corridor, the “Ugliest Street in America.” This sparked comprehensive plans, a “Major Streets and Routes Plan”, and landscape requirements in the zoning code. Howlett calls 1992 the “high water mark” of visual awareness, led by “a generation of people who came out of the ’60s wanting to change the world. Since then there has been a consistent effort to chip away at these policies, codes, and funding that has escalated since the 2008 recession. Most of those people have moved on. Funding for infrastructure is in such short supply that visual quality does not even register.”

STRATEGIES TO INTEGRATE UTILITY POLES INTO URBAN ENVIRONMENTS

This paper investigates strategies for integrating utilities into urban environments. Can utility design have a more holistic, context-sensitive approach than is currently in practice? Sensitive routing is often used in less populated and/or urban areas with large swaths

of undeveloped open space. Urban areas frequently do not have the appropriate space to use this strategy. The use of specialty finishes shown in Figure 3 is currently in general disfavor for reasons that are discussed here. Undergrounding and improved overhead line design remain viable and will be explored.

Utilities offer rationales for discontinuing previous mitigation methods, claiming for example that underground lines cost five to ten times more than overhead lines (U.S. Energy Information Administration 2012) and that painted and/or galvanized finishes that make poles less conspicuous add additional cost and negative environmental impacts. The validity of these claims will be examined. Are there communities burying power lines and how do they overcome funding issues? Is the energy industry making any effort to address visual quality issues? If so, which companies are doing this and where? Lastly, are redundant poles inevitable?

Finishes and Coatings

Poles become less conspicuous when finishes and coatings are applied to minimize contrast with the surrounding landscape (Fig. 3), but this practice is in decline. Paint fades, peels, and has undesirable environmental impacts, according to critics. Corrosion control expert Curtis Hickcox says that utility companies consider repainting a maintenance expense. Since deregulation, utilities have capital “to build stuff” but scant maintenance money. He attributes the negative environmental impacts to delays in maintenance (Paint Square 2017).

Hickcox has written industry standards for the National Association of Corrosion Engineers (NACE) and Institute of Electrical and Electronics Engineers (IEEE) and spent over 35 years in coatings and corrosion management for the utilities industry (Paint Square 2017). In a 2017 interview, he said:

There’s a million towers in North America; in a good painting year, 5,000 might get painted. The problem is, nobody has any maintenance money to spend. The work doesn’t get done, the towers get worse and worse and worse. Especially if there’s lead involved, then it comes to the point where now you have to do more surface preparation; you’ve got to do power-tool cleaning. If you have to do power-tool cleaning, now you have to take

⁴ Retired City Planner, City of Tucson, Arizona. Email correspondence, September 30, 2017.

an outage on the line. Now you have to do more containment. The cost, the effect on the worker and the environment, gets a lot more significant.

Some utilities are very proactive and have a long-term program, and paint them every year. But they're the exception. More often, it's "I'd better keep my head in the sand and let the next guy do it." Or, "I've got all kinds of capital money; I'll just replace them!" They'll spend \$200,000 to replace a tower instead of \$10,000 to paint it (Paint Square 2017).

Galvanizing, a process that can last up to 50 years if applied correctly, is maligned as environmentally harmful. Supporters claim contamination issues are attributable to poor clean up practices (Hinton 2017). Weathering steel and stainless steel do not require protective coatings. Weathering steel, the less costly option, has risen in popularity. According to Majid Farahani, Transmission Supervisor at TEP, weathering steel is the most versatile choice due to frequent field modifications of poles. Galvanized poles receiving field modifications require regalvanizing to protect against rusting, a costly and complicated process.⁵ Weathering steel poles in the landscape are shown in Figures 2, 4, 5, 7, 11, and 20. TEP does add galvanized parts when modifying the weathering steel poles (Fig. 5).

Undergrounding

Communities often request placement of utilities underground, particularly when road widening occurs. In Tucson, during a 2013 public meeting for a road that is designated as a Scenic Route and is part of the De Anza National Historic Trail from Mexico to California, TEP's response to a question about undergrounding utilities was that they were not required to place lines underground because the utility existed prior to the Scenic Corridor Code designation. Project funding would also not cover undergrounding costs (Tucson Electric Power 2013). The built roadway is shown in Figure 7.

Successful undergrounding programs do exist in some U.S. communities, usually run by municipally owned power companies or locally based investor-owned companies with strong local government partnerships. Most of these programs began decades ago.

⁵Smith, David. Tucson Electric Power Project Manager, Resource Team. Email correspondence, September 30, 2015.



Figure 7.—Silverbell Road and Grant. Weathering steel poles are the dominant skyline feature. Photos by Ellen Barth Alster, used with permission.

San Diego Gas & Electric (SDG&E) in partnership with the City of San Diego began an extensive undergrounding program in the 1970s. It is partially funded by a 2.5 percent surcharge on utility bills that San Diego voters approved in 2003. The program is responsible for removing more than 5,000 power poles and undergrounding over 200 miles of power lines (City of San Diego 2017). Approximately 75 percent of San Diego's power lines are now underground (Fig. 8). San Diego has "the highest percentage of underground power lines of any investor-owned utility in the State with an undergrounding percentage that is three times the National average" (T&D World 2014). According to Associate Engineer Breanne Busby⁶, the undergrounding program's staff of eight determines the schedule, neighborhoods, and order that the undergrounding projects are carried out. It also manages and distributes funds.

The City of Anaheim, California, also runs a successful undergrounding program through its municipally owned electric utility (Fig. 9). In 1990, voters approved a 4 percent surcharge on utility bills, funding a 50-year underground conversion program (City of Anaheim 2017a, 2017b). According to Program Manager Tim Bass⁷, approximately \$14 million to \$15 million are

⁶Associate Engineer, City of San Diego, California. Telephone interview, August 28, 2017.

⁷Underground Conversion Manager, City of Anaheim, California. Telephone interview, July 13, 2017.



Figure 8.—Before and after illustration of Mission Boulevard in San Diego from the Master Plan, Utilities Undergrounding Program. Photos from City of San Diego 2017.



Figure 9.—Before and after photos, Underground Conversion Program, Anaheim (CA) City Council presentation, July 25, 2017. Photos from City of Anaheim 2017b.

invested in the program each year, with \$8 to \$10 million spent on a typical project. Undergrounding typically occurs on roads slated for repaving and is done in coordination with Anaheim’s public works department.

San Francisco’s undergrounding efforts have been less successful. Utility customers pay a monthly dollar amount for undergrounding but the City has gone into debt on undergrounding projects, with many more lines to bury (Ashly 2015). To speed up

the effort, San Francisco allows residents to organize assessment districts where residents assume design and construction costs, which are then added to property tax assessments (San Francisco Public Works 2017). Other cities in California with underground conversion programs include Palo Alto, Rancho Palos Verdes, Costa Mesa, La Mesa, and Laguna Beach.

There are only limited examples of successful programs through which customers bear the undergrounding costs. The City of Seattle began a voluntary



Figure 10.—The design pylon, the first pylon developed by the architectural firm Bystrup, is 60 percent the size of a traditional lattice tower. This design won a Danish government design competition in 2001. Referred to by local residents as “magic wands.” Photos by Bystrup Architects, used with permission.

undergrounding program 15 years ago (Seattle City Light 2012). Teif Weller⁸, Residential Supervisor for Seattle City Light, the municipally owned power company that serves Seattle, says that few residents follow through after hearing the price tag, typically \$30,000 to \$50,000 per residence, paid by the property owner. This also includes undergrounding electric lines only. There may be additional costs to underground cable TV, telephone, and any other equipment that currently uses the overhead system.

Improved Overhead Power Line Design

Improving overhead power line design is an alternative to burying power lines and keeping them hidden. With greater design effort, could overhead power lines become a neutral visual element or even an asset, while improving function and efficiency?

Increased emphasis on overhead line design began in the last decade in Europe, moving in this decade to the United States. While aesthetics seemed to drive technical innovation in Europe, technical improvements and aesthetics appear to have begun

on equal footing in the United States. The Danish architecture company Bystrup leads pylon design in Europe. American Electric Power’s (AEP) subsidiary, BOLD™ Transmission, leads this movement in North America. Lastly, Choi+Shine Architects’ fanciful “Land of the Giants” transmission tower design, which was entered in a design competition in Iceland in 2008, will also be discussed below.

Bystrup

In 2001, the Danish Ministry of Energy and Environment along with the Danish operator launched a competition to create a pylon design for the future. This came after numerous complaints and local protests about proposed lattice tower pylon designs over a 10-year period. The new pylons, called the Design Pylon, shrunk the traditional lattice tower to 60 percent of its original size (98 feet in height vs. 164 feet for the lattice tower). With a goal of being “more submissive in the landscape,” the tops of the Design Pylon structures merge into the sky, making the tops almost invisible (Fig. 10). Energized in 2006, locals helped select the Design Pylon’s material and labeled them “magic wands.” Since then, Bystrup’s practice has focused on the design, development, and construction of power pylons (Bystrup et al. 2017).

⁸ Residential Supervisor, Seattle City Light. Telephone interview, August 21, 2017.



Figure 11.—When presented with two options, the public choose galvanized (a) over weathering steel (b) for the Bystrup eagle pylon. Photos by Bystrup Architects, used with permission.

Erik Bystrup asks: “What do we really expect from a power line structure? Is it only a technical necessity, an object of design excellence or a piece of land art?” The best answer, according to Bystrup, lies somewhere in the middle:

In our part of the world, electricity is regarded as a basic necessity. It is a paradox that we cannot imagine living without it while we do not accept the power pylon, which distributes this electricity, as a part of our cultural landscape. “Bury them!” “Camouflage them!” or simply, “Make them go away!” is the general outcry. But why? Highways and railroads have been accepted as parts of the landscape; both are necessary in order to travel and to move. Why then can we not accept the equally vital lines of power pylons? ...

We put significant effort into the design of motorways and railroads, merging them carefully into the landscape. We hire talented designers to create railway stations and to design trains, overhead lines, bridges, and motorway junctions. Ignored are the power pylons that perform another vital function but which most people regard as threat. They are perceived as messengers of electricity, high voltage, and danger. To some they even symbolize the growing pollution from modern civilization. ...

Should we not try to create overhead transmission lines (OHTLs) that dignify the power pylon and restore it as a worthy part of the landscape around us? We could let them radiate the hope and possibilities of sustainable power production. ...

It is this change in our electricity production and transmission grids that presents a unique opportunity: the opportunity to make a difference in the landscape and to create new pylons with a strong design profile, allowing power pylons to be an acceptable part of our present as well as our future (Bystrup 2012, p. 36).

An estimated 100,000 pylons are needed by 2020 in Europe alone, according to Bystrup, calling for a new pylon that is “easier to erect, less costly, and better looking than the old ones” (Bystrup 2015, p. 6-7). Bystrup also discusses the advantage of using materials without protective coatings, such as weathering steel and stainless steel (Bystrup Corp. 2015, p. 32). However, as Bystrup’s marketing director Mette Hauge Mikkelsen⁹ admits, the public has not yet chosen weathering steel when it is presented as an option (Fig. 11).

Bystrup pylons have now been installed throughout Denmark and across the United Kingdom (Fig. 12) and are in the process of being introduced in North America. Sinopa Energy, an Ontario-based project management company that focuses on the energy sector, will soon replace lattice towers on highways leading into Toronto with pylon-type towers that are expected to be a Bystrup design. Ron Collins¹⁰, CEO of Sinopa Energy, says energy companies in general

⁹ Marketing Director, Bystrup, Copenhagen, Denmark. Telephone interview, August 10, 2017.

¹⁰ CEO Sinopa Energy, London, Ontario, Canada. Telephone interview, August 10, 2017.



Figure 12.—A test line using the T-pylon, by the architectural firm Bystrup, won a design competition in the United Kingdom in 2011 as its national grid expands, moving away from coal, oil, and gas, toward newer sustainable energy sources. A test line is shown here. Photo by Bystrup Architects, used with permission.



Figure 13.—The composite pylon, currently under development, is half the size of a conventional lattice tower, while carrying the same amount of power. It can be assembled on site and erected in a day. An existing line (a), with two lines each carrying 1x400 kV; the proposed improvement (b) with a single pylon carrying 2x400 kV. (Bystrup 2015). Photos by Bystrup Architects, used with permission.

are not pushed to be innovative. The Bystrup pylons require less right-of-way and are substantially shorter. Despite the decreased height, the number of towers remains the same due to improved cables with less sag. Newer designs will increase standardization among angle towers that are used when overhead utility lines change direction. Currently angle towers are designed for specific loads, resulting in differing pylons within a single viewshed. Newer towers will accommodate a range of loads and various placement requirements.

Collins attributes the lack of design innovation in the energy sector to increasing pole height and girth. The basic electricity distribution technology has not changed for decades but poles increased in size to meet newer safety standards. Older technology is proven, reliable, and low cost so providers have little incentive to change. However, today, improved insulators and new composite materials can dramatically decrease pole profiles (Fig. 13). Newer poles also incorporate wireless internet into the product line. Collins said the energy industry is being “pulled, not pushed” to be innovative.

BOLD™ Transmission

With 40,000 miles of transmission lines, American Electric Power (AEP) has the largest transmission system network in the United States. Built decades ago, a large portion of the network requires upgrade. Rather than replace declining infrastructure with old technology that would require a larger footprint to meet increased demand and newer safety requirements, AEP invested millions of dollars in research and development and set up a subsidiary called BOLD™ (Breakthrough Overhead Line Design). This approach anticipated issues related to right-of-way acquisition and public opposition. “Investing in the design of a better tower, using smart engineering that would be visually appealing, seemed a smart option to AEP leadership,” says David Rupert¹¹, Vice President of Business Development for BOLD. “No one wants permanent scaffolding in their backyard,” he said, referring to the typical lattice towers.

“If trend-setting Apple Inc. were to design a transmission line, I am pretty sure it would look like BOLD,” a moderator said while introducing the design at an Edison Institute Meeting in 2015 (Fig. 14) (BOLD 2017). Because the U.S. transmission system is in the midst of its biggest building boom since the 1970s, AEP invested \$9 billion between 2017 and 2019, driven by the need to increase reliability, replace aging infrastructure, improve security, relieve congestion, and accommodate generation retirements and renewable power sources (American Electric Power 2017). Developed in 2012, the BOLD design received its first patent in 2013.

The Robison Park-Sorenson project in Fort Wayne, IN, that used the BOLD design for the first time, was energized (i.e., put into service) in November 2016 (Fig. 15). If an older technology had been used, 50 additional feet of right-of-way would have been required, expanding the width from 150 feet to 200. Instead of a 150-foot tall pylon, the newly designed pylons are 100 feet. The Robison Park-Sorenson project replaced a 1940s era 138 kV line with a double-circuit 138/345 kV BOLD line, providing five times the megawatts of the earlier line in the same corridor.

¹¹ Vice President for Business Development, BOLD, Columbus, Ohio. Telephone interview, July 24, 2017.



Figure 14.—Robison Park-Sorenson simulation of BOLD design. Photo by BOLD Transmission, used with permission.



Figure 15.—Robison Park-Sorenson project during construction. Photo by BOLD Transmission, used with permission.

BOLD Transmission holds 14 patents (granted or pending) worldwide and is licensed to sell the technology to other utilities. The first double-circuit 345 kV application of BOLD is a line rebuild between AEP’s Meadow Lake and Reynolds stations in northern Indiana that was energized in July 2017. Both BOLD and Bystrup have focused on transmission lines. BOLD plans to add lower voltage poles in the future.¹¹

BOLD’s work is setting new standards for the energy industry in the United States. In February 2016 the National Association of Regulatory Utility Commissioners (which represents the State Public Service Commissioners) passed a resolution supporting advance electric transmission technology.

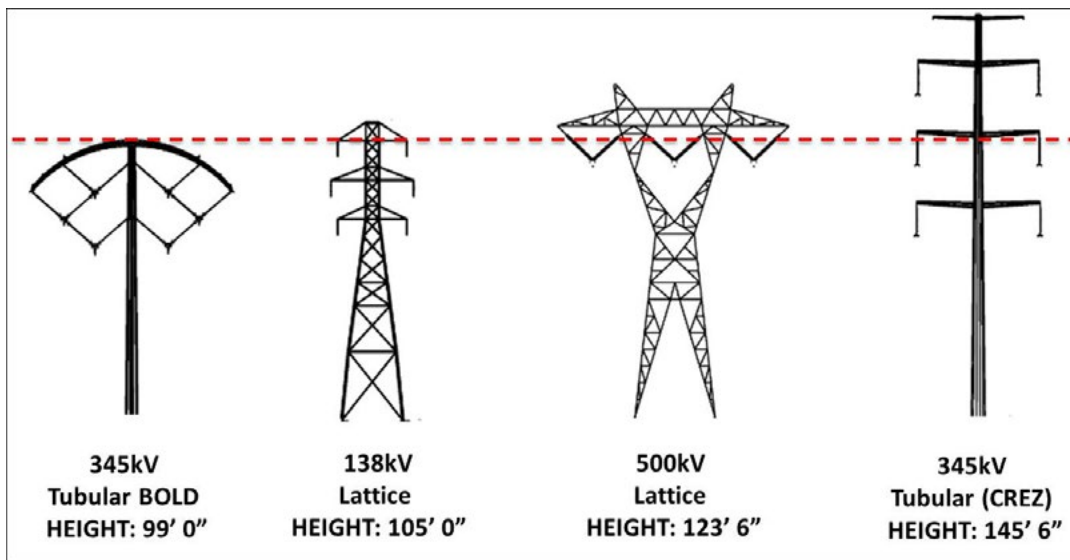


Figure 16.—Comparison of BOLD design with conventional towers. BOLD designs (far left) are significantly lower in profile than conventional designs. Photo by BOLD Transmission, used with permission.

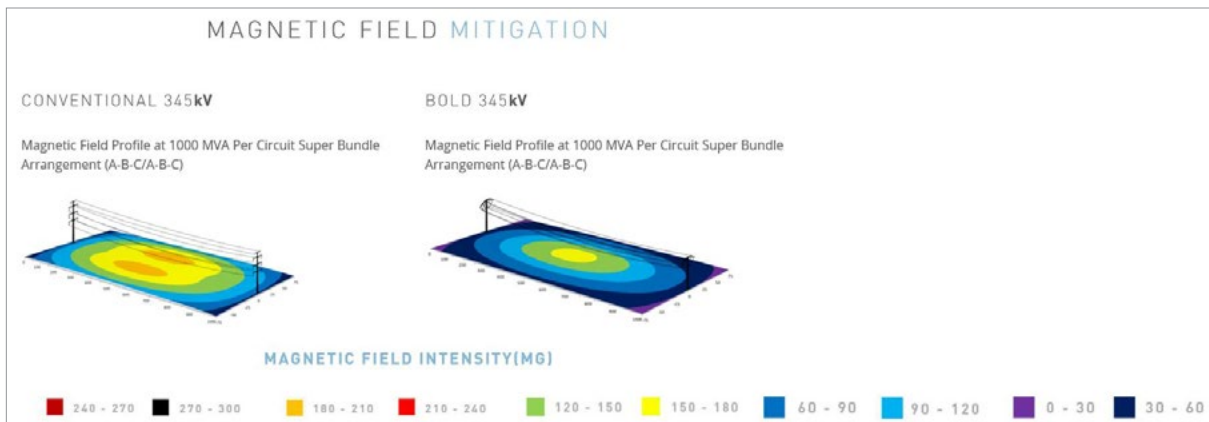


Figure 17.—BOLD designs reduce magnetic field in addition to improving aesthetics and efficiency. Photo by BOLD Transmission, used with permission.

Recognizing that a significant portion of the Nation’s transmission facilities are aging and require replacement, the resolution calls for new facilities to consider new technologies that are reliable, cost effective, and more efficient, use less right-of-way, and reduce environmental and aesthetic impacts on communities (Fig. 16) (National Association of Regulatory Utility Commissioners 2017). An additional environmental benefit of the BOLD technology is that it reduces the size of the magnetic field around the towers and wires (Fig. 17).

Choi+Shine

While the Bystrup and BOLD pylons make aesthetics a primary design focus as a kind of sculpture, the forms are highly abstract. In contrast, the “Land of

the Giants” transmission towers by the architecture firm Choi+Shine have purposefully representational forms (Fig. 18). In 2008, Land of the Giants won a “Recognition Award” in the Icelandic High-Voltage Electrical Pylon International Design Competition offered by Iceland’s Landsnet power company (Choi+Shine 2008). Numerous other awards followed in ensuing years. Images of the figures marching across the landscape have received attention worldwide. Thomas Shine says of the project, “Construction of the Giants has been planned many times and they have been taken through engineering, but they have not yet been built. The resistance has not been to the Giants, which are almost universally loved, but to the new lines themselves. Indeed, in one district in Norway, the mayor of the town would not allow a new line to be



Figure 18.—“Land of the Giants” transmission towers take on a human-like form. Photo by Choi+Shine, used with permission.



Figure 19.—Choi and Shine have developed concepts for other transmission towers, named “centipede,” (a) and “bamboo” (b). Photos by Choi+Shine, used with permission.

built through his district unless the new line included the Giants.”¹²

Choi+Shine have developed additional transmission line concepts. The names of the newer designs are suggestive: “mantis,” “centipede,” and “bamboo.” These tower designs have a higher degree of abstraction than Land of the Giants, however (Fig. 19).

Redundant Poles

While improving aesthetics in utility design appears complex, eliminating redundant poles seems straightforward. Why is it so difficult for pole

tenants to relocate to new poles in Tucson and other communities? Whose responsibility is it? The original pole owner or local government?

According to David Barth¹³, retired counsel for a major electric and gas company in Michigan, when utility companies in that State upgrade or replace existing poles, they require any existing pole tenants to relocate to the new pole and they typically comply.

However, this is not true in many regions of the country and some are beginning to pass legislation regarding superfluous poles. After communities in

¹² Shine, Thomas. Principal, Choi+Shine Architects. Email correspondence, August 24, 2017.

¹³ Retired principal attorney, Consumers Energy Company, Jackson, Michigan. Telephone conversation, July 23, 2017.

Massachusetts complained, 2016 legislation started requiring companies to complete the transfer of wires and remove the pole within specified periods of time (Commonwealth of Massachusetts 2016).

Individual communities across New York State are also passing their own legislation. To assist the Town of Wallkill, New York, U.S. Senator Chuck Schumer sent a letter to Frontier Communications, Time Warner, and Orange and Rockland Utilities:

I am writing regarding the 546 double utility poles that are currently out of use in the Town of Wallkill, NY. I understand that the Town of Wallkill has requested, on a number of occasions, to work with Orange and Rockland Utilities to remove these poles throughout the Town. I urge you to work closely with the Town of Wallkill to remove the poles, as they are duplicative and could reasonably pose a number of safety risks.

As you can imagine, besides being unsightly, these poles are an immediate and ongoing hazard to motorists, pedestrians, and property throughout the Town. Additionally, the unnecessary poles increase the chance of power outages during storms and increase the hazard of falling poles due to storms, snow, rain, wind or other weather-related events.

I respectfully request you work with the Town to identify the poles for which your company is responsible and immediately work with the Town to remove the poles and eliminate this public safety concern. Please find enclosed the list of poles, as identified by the Town of Wallkill Department of Public Works which are duplicative, potentially hazardous, and must be removed. My office stands ready to assist you to prepare a plan to remove these poles (Schumer 2016).

In February 2016, Wallkill also passed an ordinance requiring the removal of double poles (Town of Wallkill 2016). According to Louis Ingrassia, Jr.¹⁴, Commissioner of Public Works, the redundant pole issue has significantly been resolved.

¹⁴ Commissioner of Public Works/Highway Superintendent, Town of Wallkill, New York. Voice message, September 8, 2017.

DISCUSSION AND CONCLUSION

In numerous discussions with both design professionals (landscape architects, architects, urban planners, and engineers) and lay people over the past 2 years, I found little awareness of the many aesthetic concerns related to the design of modern utility transmission systems. After being shown several images, including those in this paper, lay people's reactions included the following:

- Resignation: They found utility clutter unsightly, but were unaware of mitigation options other than undergrounding.
- Outrage: They were outraged that utility poles were becoming a significant part of the landscape and claimed to want to get involved and initiate change.
- Indifference: They would want improved utility design only if it would come at no additional expense.
- Unanimous agreement that redundant poles should be removed.

Landscape architects' responses, in particular, were as follows:

- Lack of awareness that they could comment on aesthetics related to utilities.
- Unwillingness to get involved, since commenting on utilities and aesthetics was not part of their project scopes of work. On transportation projects, the landscape architecture scope of work as a subconsultant typically includes planting and irrigation only. Since they are often competitively selected by the engineering prime based on fee, they are not eager to add additional services or be perceived as causing delays to a project.
- Frustration: Landscape architects often do not receive utility system design information until right before final plans are due. In addition, visual impact assessments are typically done at the beginning of the project before utility impacts are part of the design. Utility-related impacts are typically not mentioned in visual impact assessments, so no mitigation options are offered.



Figure 20.—Grant Road is the first phase of a Tucson project envisioned as a “state-of-the-art, multi-modal corridor” (Tucson 2015). So far, power poles dominate the corridor. Photo by Ellen Barth Alster, used with permission.

Grant Road is a major corridor in Tucson currently undergoing expansion to increase vehicular capacity, support alternative transportation, and encourage economic development (City of Tucson 2017). The project vision statement includes the goal of creating “an aesthetically pleasing, comfortable, and inviting environment” (City of Tucson 2015, p. 11). Yet most weathering steel poles are placed at intervals ranging from 200 feet to 325 feet apart with some as close as 150 feet apart. These poles dwarf the adjacent trees, which at maturity will be a fraction of the pole height (Fig. 20). Whether Grant Road will become the vibrant “complete streets” thoroughfare envisioned in the vision statement will be seen in years ahead.

In conclusion, tools exist for Tucson and similar communities to improve visual quality related to utilities. In order for this to occur, there needs to be increased awareness among citizens and professionals about the aesthetic issues and the range of available design alternatives. While undergrounding utilities is commonly believed to cost 10 times the price of building them above ground, this is open to dispute. In places where roads are being widened, undergrounding should not automatically be discarded as an option. That said, communities with effective undergrounding programs generally began those programs decades ago and voting in assessments of a few percentage points on a utility bill seems less likely to be approved today. Experience suggests that when

property owners or communities are asked to shoulder undergrounding costs themselves, undergrounding is unlikely to take place.

Above ground utility design need not be a blight on cities and landscapes. As owners and overseers of the tallest vertical element in many communities across America, energy providers and local governments should collaborate to create thoughtful designs, not just for new transmission lines, but for upgrades and replacements as well. Selecting appropriate finishes and removing redundant poles should receive greater attention. Better integration of pole modifications deserves consideration from both pole owners and pole tenants. Overhead power line design, as seen in the innovative work of the architectural firm Bystrup in Denmark, and American Electric Power’s subsidiary, BOLD, remains a design frontier. This author hopes that many more companies follow the lead of these design pioneers.

ACKNOWLEDGMENTS

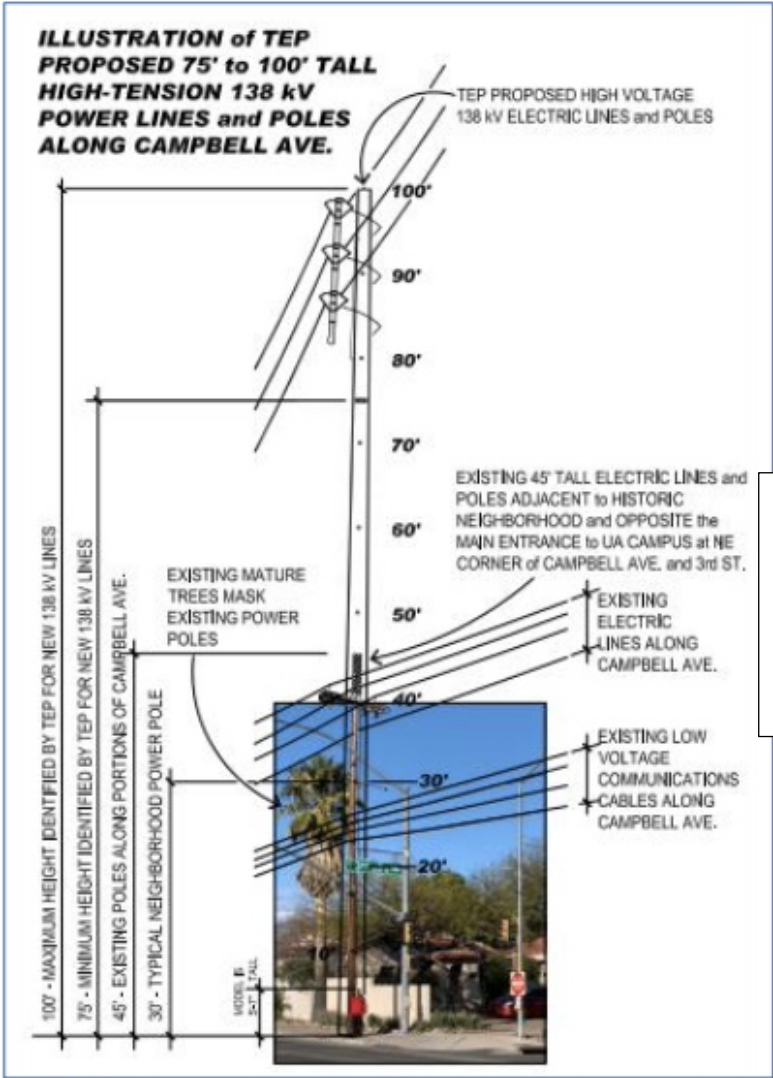
This research was conducted while the author was employed at the Pima County Department of Transportation. I am thankful to everyone I interviewed for this paper (listed in the footnotes), as well as multiple reviewers within Pima County, although they may not agree with all the interpretations and conclusions.

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The content of this paper reflects the views of the author(s), who are responsible for the facts and accuracy of the information presented herein.



Intrusive 75'-100' poles with lines

Figure 1. Proposed poles dwarf existing poles and homes along the proposed route.



Photos:
Grant Road from Columbus to
Swan

12-d. Existing high-voltage transmission lines, vertical structures, or buildings in area that already compromise the viewshed. No (See the awful visual impact of the current doubling up of poles on Grant from Alvernon to Swan).



Figure 2. The proposed poles invite graffiti.

The need for Criterion 12-o

12-o. Any new above-ground utility that is permitted must be designed, constructed, and also maintained to be as unobtrusive as possible.

Subject: FW: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment

Date: Tuesday, April 5, 2022 at 6:34:39 AM Mountain Standard Time

From: PlanningCommission

To: Daniel Bursuck, Koren Manning

From: Yvonne Reineke <yreineke@yahoo.com>

Sent: Tuesday, April 5, 2022 6:34:31 AM (UTC-07:00) Arizona

To: PlanningCommission <PlanningCommission@tucsonaz.gov>

Subject: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment

(Name) __Yvonne Reineke_____ (Address) _2360 W. 40th Street_____ Tucson, AZ 857 April ____, 2022 City of Tucson Planning Commission Emailed to: PlanningCommission@tucsonaz.gov Agenda/Meeting Links: <https://www.tucsonaz.gov/pdsd/planning-commission> Re: Request to Not Recommend Proposed Changes C8-22-04 Underground Transmission Line Relief Special Exception UDC Text Amendment Public Hearing (Citywide) April 6, 2022 __YES_ Y/N I Request to speak on April 2, 2022 (if Yes, my phone number to be used for the meeting is: _520-975-2819_____)

Dear Chairperson Wellott and Commissioners: Please do not recommend the proposed changes in the above referenced matter. Our Scenic and Gateway Corridors must be protected, not undermined. The City of Tucson collaborated with TEP in closed door sessions to create proposed text amendments. TEP coauthored proposed loopholes to the Scenic and Gateway Ordinances. The City is further enabling TEP's outdated policy to not underground. If allowed, these proposed text amendments would result in the City never requiring undergrounding in our Scenic and Gateway Corridors. Allowing TEP's excuses to become the law of the City creates loopholes that make our Scenic and Gateway Ordinances impossible to enforce. Mayor and Council decided Scenic and Gateway Corridors were valuable to Tucson by adopting Ordinances to protect them. Our Scenic Corridors were created to enjoy and protect the scenic resources and natural vegetation. (UDC 5.3) Our Gateway Corridors were created to establish and protect a favorable visual impression to tourists and create attractive streets. (UDC 5.5) These proposed amendments are an abandonment by the City of its vow to protect Scenic and Gateway corridors. We need enforcement of our Scenic and Gateway Ordinances, not abandonment. Other Arizona utilities and utilities throughout the country are undergrounding to respond to safety, efficiency, and environmental risks. TEP is out of step. TEP's archaic policy is to not underground. Tucson is left to suffer with TEP's obsolete policy. Above ground lines are aesthetically ugly and increasingly domineering. They create safety and health issues such as fires, dangerous downed lines, accidents, disrupt medical equipment, and impact health from exposure to lines. They create a negative economic impact on property values (recognized by utility companies themselves) and from outages. Poles and lines interrupt enjoyment of nature, disrupt animal passage, damage nature from snapped wires and can harm animals and wildlife. The increased presence of TEP's poles and wires create a less welcoming Tucson. Respectfully, I request the Planning Commission not recommend the proposed text amendments to the above referenced matter, C8-22-04. Protect and enforce our Scenic and Gateway Corridor Ordinances as written. Sincerely, I stand with Tucson Mountains Association, est. 1934. Protect, Preserve and Support Open Space and Biological Diversity of the Tucson Mountains Join or Contribute Online TMACares.org See pdf link to this letter <https://indd.adobe.com/view/4ff53737-513a-4ccc-96c6-835c0914c023>

Subject: FW: C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment

Date: Tuesday, April 5, 2022 at 5:00:46 AM Mountain Standard Time

From: PlanningCommission

To: Daniel Bursuck, Koren Manning

From: Holly VG <tucsonholly@hotmail.com>

Sent: Tuesday, April 5, 2022 5:00:36 AM (UTC-07:00) Arizona

To: PlanningCommission

Subject: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment

Holly Hancock von Guilleaume

3720 W Sallee Road

Tucson, AZ 85745

April 5, 2022

City of Tucson

Planning Commission

Emailed to: PlanningCommission@tucsonaz.gov

Agenda/Meeting Links: <https://www.tucsonaz.gov/pdsd/planning-commission>

Re: Request to Not Recommend Proposed Changes

C8-22-04 Underground Transmission Line Relief Special Exception

UDC Text Amendment Public Hearing (Citywide)

April 6, 2022

__N_ Y/N I Request to speak on April 2, 2022 (if Yes, my phone number to be used for the meeting is: _____)

Dear Chairperson Wellott and Commissioners:

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If allowed, these proposed text amendments would result in the City never requiring undergrounding in our Scenic and Gateway Corridors. Allowing TEP's excuses to become the law of the City creates loopholes that

make our Scenic and Gateway Ordinances impossible to enforce.

Mayor and Council decided Scenic and Gateway Corridors were valuable to Tucson by adopting Ordinances to protect them. Our Scenic Corridors were created to enjoy and protect the scenic resources and natural vegetation. (UDC 5.3) Our Gateway Corridors were created to establish and protect a favorable visual impression to tourists and create attractive streets. (UDC 5.5) These proposed amendments are an abandonment by the City of its vow to protect Scenic and Gateway corridors. We need enforcement of our Scenic and Gateway Ordinances, not abandonment.

Other Arizona utilities and utilities throughout the country are undergrounding to respond to safety, efficiency, and environmental risks. TEP is out of step.

TEP's archaic policy is to not underground. Tucson is left to suffer with TEP's obsolete policy. Above ground lines are aesthetically ugly and increasingly domineering. They create safety and health issues such as fires, dangerous downed lines, accidents, disrupt medical equipment, and impact health from exposure to lines. They create a negative economic impact on property values (recognized by utility companies themselves) and from outages. Poles and lines interrupt enjoyment of nature, disrupt animal passage, damage nature from snapped wires and can harm animals and wildlife. The increased presence of TEP's poles and wires create a less welcoming Tucson.

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Sincerely,

I stand with Tucson Mountains Association, est. 1934.

Protect, Preserve and Support Open Space and Biological Diversity of the Tucson Mountains

Join or Contribute Online

TMACares.org

See pdf link to this letter <https://indd.adobe.com/view/4ff53737-513a-4ccc-96c6-835c0914c023>

Sent from my iPhone

Subject: FW: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment

Date: Monday, April 4, 2022 at 11:19:38 PM Mountain Standard Time

From: PlanningCommission

To: Daniel Bursuck, Koren Manning

From: m lynne <martzlw7@gmail.com>

Sent: Monday, April 4, 2022 11:19:14 PM (UTC-07:00) Arizona

To: PlanningCommission <PlanningCommission@tucsonaz.gov>

Subject: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment

Martha Lynne
2481 S Westover
Tucson, AZ 85713

April 4, 2022

City of Tucson
Planning Commission

Emailed to: PlanningCommission@tucsonaz.gov

Agenda/Meeting Links: <https://www.tucsonaz.gov/pdsd/planning-commission>

Re: Request to Not Recommend Proposed Changes
C8-22-04 Underground Transmission Line Relief Special Exception
UDC Text Amendment Public Hearing (Citywide)
April 6, 2022

Yes___ Y/N I Request to speak on April 2, 2022 (if Yes, my phone number to be used for the meeting is: 520-668-0002)

Dear Chairperson Wellott and Commissioners:

Please do not recommend the proposed changes in the above referenced matter. Our Scenic and Gateway Corridors must be protected, not undermined.

The City of Tucson collaborated with TEP in closed door sessions to create proposed text amendments. TEP coauthored proposed loopholes to the Scenic and Gateway Ordinances. The City is further enabling TEP's outdated policy to not underground.

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Respectfully, I request the Planning Commission not recommend the proposed text amendments to the above referenced matter, C8-22-04. Protect and enforce our Scenic and Gateway Corridor Ordinances as written.

Sincerely,
Martha Lynne

I stand with Tucson Mountains Association, est. 1934.

Protect, Preserve and Support Open Space and Biological Diversity of the Tucson Mountains

Join or Contribute Online

TMACares.org

See pdf link to this letter <https://indd.adobe.com/view/4ff53737-513a-4ccc-96c6-835c0914c023>

Subject: FW: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment

Date: Monday, April 4, 2022 at 8:48:23 PM Mountain Standard Time

From: PlanningCommission

To: Daniel Bursuck, Koren Manning

From: vincent1tl@netscape.net <vincent1tl@netscape.net>

Sent: Monday, April 4, 2022 8:48:11 PM (UTC-07:00) Arizona

To: PlanningCommission <PlanningCommission@tucsonaz.gov>

Subject: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment

(Name) _Peggie Jo Vincent_ (Address) 5225 W. Lazy C Dr., Tucson, AZ 85745, April 6, 2022, City of Tucson Planning Commission Emailed to: PlanningCommission@tucsonaz.gov Agenda/Meeting Links: <https://www.tucsonaz.gov/pdsd/planning-commission> Re: Request to Not Recommend Proposed Changes C8-22-04 Underground Transmission Line Relief Special Exception UDC Text Amendment Public Hearing (Citywide) April 6, 2022 _N_ Y/N I Request to speak on April 2, 2022 (if Yes, my phone number to be used for the meeting is: _____)

Dear Chairperson Wellott and Commissioners,

I am very concerned about the consequences of the proposed text amendments to the regulations for scenic and gateway corridors in the Tucson area. The Scenic and Gateway corridors regulations were put in place because the Arizona Sonora Desert is a unique and beautiful place and the community wanted to protect that. The proposed text amendments would put that designation at risk. The Scenic and Gateway Corridors Regulations was created to not only give our communities positive value, but to keep them safe and healthy.

These regulations are not new so the company should have been well aware of them and cannot make excuses now for why they can't follow them. A company with the word "Tucson" in its name should be sensitive to regulations put in place for the betterment of the community. To disregard the efforts to create a welcoming space is an affront to the people of Tucson.

I request the Planing Commission not recommend the proposed text amendments to the above reference matter, C8-22-04. Protect and enforce our Scenic and Gateway Corridor Ordinances as written.

Sincerely,

Peggie Jo Vincent

Subject: FW: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment
Date: Monday, April 4, 2022 at 7:29:39 PM Mountain Standard Time
From: PlanningCommission
To: Daniel Bursuck, Koren Manning
Attachments: md_logo2_2014.jpg

From: Maria C DELVECCHIO <mdelvecchio9@mac.com>
Sent: Monday, April 4, 2022 7:29:31 PM (UTC-07:00) Arizona
To: PlanningCommission <PlanningCommission@tucsonaz.gov>
Subject: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment

Maria DelVecchio
3939 W Rock Basin Lane
Tucson, AZ 85745

April 4, 2022

City of Tucson
Planning Commission
Emailed to: PlanningCommission@tucsonaz.gov
Agenda/Meeting Links: <https://www.tucsonaz.gov/pdsd/planning-commission>

Re: Request to Not Recommend Proposed Changes
C8-22-04 Underground Transmission Line Relief Special Exception
UDC Text Amendment Public Hearing (Citywide)
April 6, 2022

Dear Chairperson Wellott and Commissioners:

Please do not recommend the proposed changes in the above referenced matter. Our Scenic and Gateway Corridors must be protected, not undermined.

The City of Tucson collaborated with TEP in closed door sessions to create proposed text amendments. TEP coauthored proposed loopholes to the Scenic and Gateway Ordinances. The City is further enabling TEP's outdated policy to not underground.

If allowed, these proposed text amendments would result in the City never requiring undergrounding in our Scenic and Gateway Corridors. Allowing TEP's excuses to become the law of the City creates loopholes that make our Scenic and Gateway Ordinances impossible to enforce.

Mayor and Council decided Scenic and Gateway Corridors were valuable to Tucson by adopting Ordinances to protect them. Our Scenic Corridors were created to enjoy and protect the scenic resources and natural vegetation. (UDC 5.3) Our Gateway Corridors were created to establish and protect a favorable visual impression to tourists and create attractive streets. (UDC 5.5) These proposed amendments are an abandonment by the City of its vow to protect Scenic and Gateway corridors. We need enforcement of our Scenic and Gateway Ordinances, not abandonment.

Other Arizona utilities and utilities throughout the country are undergrounding to respond to safety, efficiency, and environmental risks. TEP is out of step.

TEP's archaic policy is to not underground. Tucson is left to suffer with TEP's obsolete policy. Above ground lines are aesthetically ugly and increasingly domineering. They create safety and health issues such as fires, dangerous downed lines, accidents, disrupt medical equipment, and impact health from exposure to lines. They create a negative economic impact on property values (recognized by utility companies themselves) and from outages. Poles and lines interrupt enjoyment of nature, disrupt animal passage, damage nature from snapped wires and can harm animals and wildlife. The increased presence of TEP's poles and wires create a less welcoming Tucson.

Respectfully, I request the Planning Commission not recommend the proposed text amendments to the above referenced matter, C8-22-04. Protect and enforce our Scenic and Gateway Corridor Ordinances as written.

Sincerely,

Maria DelVecchio

I stand with Tucson Mountains Association, est. 1934.

Protect, Preserve and Support Open Space and Biological Diversity of the Tucson Mountains

Join or Contribute Online

TMACares.org

See pdf link to this letter <https://indd.adobe.com/view/4ff53737-513a-4ccc-96c6-835c0914c023>



Subject: FW: [EXTERNAL]April 6th Public Hearing: UDC Amendments-Underground Transmission Line Relief C8-22-04 Special Exceptions

Date: Tuesday, April 5, 2022 at 11:00:59 AM Mountain Standard Time

From: PlanningCommission

To: Daniel Bursuck, Koren Manning

From: Stuart Lorch <slorch357@gmail.com>

Sent: Tuesday, April 5, 2022 11:00:43 AM (UTC-07:00) Arizona

To: PlanningCommission <PlanningCommission@tucsonaz.gov>

Subject: [EXTERNAL]April 6th Public Hearing: UDC Amendments-Underground Transmission Line Relief C8-22-04 Special Exceptions

Dear Planning Commissioner

Placing the power lines underground is the right thing for TEP to do as doing would be safer for the community and it would be safer and more cost effective for TEP to maintain in the future. Placing the lines underground would also help to maintain the beauty (that draws so many visitors to Tucson) of the historic neighborhoods in the area served by TEP.

Thank you,

Stuart Lorch

Subject: FW: [EXTERNAL]Special Exemptions C8-22-04 opposition
Date: Tuesday, April 5, 2022 at 11:25:59 AM Mountain Standard Time
From: PlanningCommission
To: Daniel Bursuck, Koren Manning
Attachments: TEP Planning Comm. ltr. AB.pdf, TEP Planning Comm. ltr. HB.pdf

From: hb@hbaldwinlaw.com <hb@hbaldwinlaw.com>
Sent: Tuesday, April 5, 2022 11:25:51 AM (UTC-07:00) Arizona
To: PlanningCommission <PlanningCommission@tucsonaz.gov>
Cc: Ab@Hbaldwinlaw.Com <ab@hbaldwinlaw.com>
Subject: [EXTERNAL]Special Exemptions C8-22-04 opposition

Please provide the attached to the Commission and schedule Annette Baldwin and Howard Baldwin to provide comments at the 4-6-22 meeting.

Howard Baldwin

Howard Baldwin
Attorney at Law

The Baldwin Building, Est. 1907

*22 East University Boulevard
Tucson, Arizona 85705-7737*

*Telephone: (520) 624-8527
Facsimile: (520) 624-2418*

Planning Commission
Emailed to: PlanningCommission@tucsonaz.gov

Re: **Request to Not Recommend Proposed Changes**
UDC Amendments Underground Transmission Line
Special Exemptions, C8-22-04, April 6, 2022

Planning Commission:

Please do not recommend the proposed changes in the above referenced matter. I want our Scenic and Gateway Corridors protected, not undermined.

The City of Tucson collaborated with TEP in closed door sessions to create these proposed text amendments. TEP coauthored these proposed loopholes to the Scenic and Gateway Ordinances. The City is further enabling TEP's outdated policy to not underground.

If allowed, these proposed text amendments would result in the City never requiring undergrounding in our Scenic and Gateway Corridors. By making TEP's excuses the law of the City, it creates so many loopholes in our Scenic and Gateway Ordinances it makes them impossible to enforce.

Mayor and Council decided Scenic and Gateway Corridors were valuable to Tucson. Our Scenic Corridors were created to enjoy and protect the scenic resources and natural vegetation (UDC 5.3). Our Gateway Corridors were created to establish and protect a favorable visual impression to tourists and create attractive streets (UDC 5.5) These amendments are an abandonment by the City of its vow to protect Scenic and Gateway corridors. We need is enforcement of our Scenic and Gateway Ordinances, not abandonment.

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Respectfully, I request the Planning Commission not recommend the proposed text amendments to the above referenced matter, C8-22-04. Allow our Scenic and Gateway Ordinances to be protected and enforced as written. Protect and enforce our Scenic and Gateway Corridor Ordinances as written.

Sincerely,



Howard Baldwin
Attorney at Law

The Baldwin Building, Est. 1907

22 East University Boulevard
Tucson, Arizona 85705-7737

Telephone: (520) 624-8627
Facsimile: (520) 624-2418

Planning Commission
Emailed to: PlanningCommission@tucsonaz.gov

Re: **Request to Not Recommend Proposed Changes**
UDC Amendments Underground Transmission Line
Special Exemptions, C8-22-04, April 6, 2022

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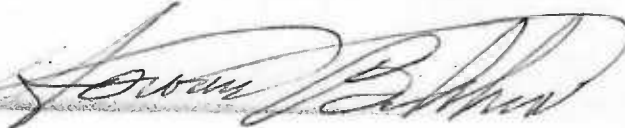
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Respectfully, I request the Planning Commission not recommend the proposed text amendments to the above referenced matter, C8-22-04. Allow our Scenic and Gateway Ordinances to be protected and enforced as written. Protect and enforce our Scenic and Gateway Corridor Ordinances as written.

Sincerely,



Subject: FW: [EXTERNAL]keep electrical transmission lines underground
Date: Tuesday, April 5, 2022 at 1:59:10 PM Mountain Standard Time
From: PlanningCommission
To: Daniel Bursuck, Koren Manning

From: Ann D Pattison <pattison.ad@gmail.com>
Sent: Tuesday, April 5, 2022 1:58:55 PM (UTC-07:00) Arizona
To: PlanningCommission <PlanningCommission@tucsonaz.gov>; Ward6 <Ward6@tucsonaz.gov>; cityclerk <cityclerk@tucsonaz.gov>
Subject: [EXTERNAL]keep electrical transmission lines underground

To: The Planning Commision, Mayor & Council, Steve Kozachik,

Please do not loosen the current regulations that require underground electrical transmission lines in Scenic and Gateway Corridors. Tucson should be moving toward--not away from--reducing the visibility of overhead wires wherever possible (not just those in Scenic and Gateway Corridors). We should be working toward making Tucson a more beautiful place with beautiful vistas, especially in these stressful times. An unsightly mesh of overhead wires adversely impacts the quality of life for all affected residents, your constituents. But since Tucson thrives on tourist dollars, reducing the impact of those overhead lines on our beautiful scenic views (and photos) is imperative. Please do not backslide on the codes we have in place to protect our Scenic and Gateway Corridors.

Sincerely,

Ann Pattison

333 S. Eastbourne Ave. 85716 (midtown)

520.321.4011

Subject: FW: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment

Date: Tuesday, April 5, 2022 at 2:30:00 PM Mountain Standard Time

From: PlanningCommission

To: Daniel Bursuck, Koren Manning

From: rogercarpenter6@icloud.com <rogercarpenter6@icloud.com>

Sent: Tuesday, April 5, 2022 2:29:52 PM (UTC-07:00) Arizona

To: PlanningCommission <PlanningCommission@tucsonaz.gov>

Subject: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment

(Name) _____ Roger and Judy Carpenter _____

(Address) _____ 1124 N. Camino de Oeste _____

Tucson, AZ 85745

April 5, 2022

City of Tucson

Planning Commission

Emailed to: PlanningCommission@tucsonaz.gov

Agenda/Meeting Links: <https://www.tucsonaz.gov/pdsd/planning-commission>

Re: Request to Not Recommend Proposed Changes

C8-22-04 Underground Transmission Line Relief Special Exception

UDC Text Amendment Public Hearing (Citywide)

April 6, 2022

I Do Not Request to speak on April 2, 2022 (if Yes, my phone number to be used for the meeting is: _____)

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Respectfully, I request the Planning Commission not recommend the proposed text amendments to the above referenced matter, C8-22-04. Protect and enforce our Scenic and Gateway Corridor Ordinances as written. PLEASE !
Sincerely,

Roger and Judy Carpenter Members of Tucson Mts. Association and
Gates Pass Area Neighborhood Association for over 20 years

I stand with Tucson Mountains Association, est. 1934.

Protect, Preserve and Support Open Space and Biological Diversity of the Tucson Mountains

Join or Contribute Online

TMACares.org

See pdf link to this letter <https://indd.adobe.com/view/4ff53737-513a-4ccc-96c6-835c0914c023>

Roger E. Carpenter
rogercarpenter6@icloud.com
1124 N. Camino de Oeste
Tucson AZ 85745
(520) 622-4070

Subject: FW: [EXTERNAL]138KV Campbell Avenue -UDC Amendments-Underground Transmission line Relief C8-22-04
Date: Tuesday, April 5, 2022 at 3:10:50 PM Mountain Standard Time
From: PlanningCommission
To: Daniel Bursuck, Koren Manning
Attachments: April6th.pdf

From: Randy Hotchkiss <hotchfin@aol.com>
Sent: Tuesday, April 5, 2022 3:10:32 PM (UTC-07:00) Arizona
To: PlanningCommission <PlanningCommission@tucsonaz.gov>; Steve Kozachik <Steve.Kozachik@tucsonaz.gov>; cnichols17@cox.net <cnichols17@cox.net>; alicer@dakotacom.net <alicer@dakotacom.net>
Subject: [EXTERNAL]138KV Campbell Avenue -UDC Amendments-Underground Transmission line Relief C8-22-04

4/5/2022

To those listed,

Find attached my comments and photos regarding the above referenced subject of the April 6th Planning Commission Meeting

Thank you !



Randy Hotchkiss, President - NMLS - 175274
Hotchkiss Financial, Inc. - NMLS 175149
National Certified Mortgage Consultant (CMC)
Arizona Loan Officer License - 0912560
Arizona Company License - 0905432
P.O. Box 43712
Tucson, AZ 85733
Phone : (520) 324-0000
FAX : (520) 319-2222
hotchfin@aol.com
<http://www.hotchkissfinancial.com>

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Fax (520) 319-2222

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M.B. License #0905432

NMLS 175149

HOTCHKISS



April 5, 2022

Planning Commission

Tucson, Arizona

Via e-mail: PlanningCommission@Tucsonaz.gov

Re: Hearing date April 6, 2022

UDC Amendments -Underground Transmission Line Relief C8-22-04

Special exceptions

Submitted by: Randy Hotchkiss

Let me begin by stating that I am a Tucson native and UofA alum with a degree majoring in Finance and Area Development. I also own two small businesses that have been successful over the years. I live at 1945 E. Mabel St. which is two blocks North of Speedway and one block East of Campbell. My area is in the Southwest quadrant of Historical Blenman Elm neighborhood. The Southwest quadrant of Blenman Elm will be very negatively impacted both visually and with a resulting decrease in property values by the installation of above ground 138 KV power structures.

As part of my Area Development minor, I studied major European city planning and development. Paris France was just one example of proper planning and development with preserving visual beauty and property values in mind by placing major electric transmission lines underground.

There are several other European examples but there are several examples north of Tucson in Oro Valley and the new part of Marana where proper planning and development called for undergrounding high- power transmission lines.

North of us in Scottsdale, Chandler and many other newer developments have been planned and developed with visual impact and property values in mind.

I realize it is easier to properly plan and develop in new developments. However, that does not mean we cannot take the time and, yes, spend more money to improve other parts of town, especially, in Historical neighborhoods and scenic routes.

I approach this issue not only from what the negative visual impact will be along the Campbell Avenue corridor, but also, from the loss of property value that will result.

Photos have been submitted to the Planning Commission of power retrofitting by the installation of massive above ground transmission lines. The Grant Road installation is an example of the negative visual impact that resulted. Country Club Road is another example. There are many examples. It is too late to plan and develop these corridors correctly because the power structures are already installed.

It is not too late, however, to properly plan and develop the electrical power needs of Banner Hospital and the University of Arizona which will be the primary beneficiaries of the increased power capacity.

I have attached exhibit A and A-1 which is the stretch of Sunrise with all power placed underground. Exhibits B and B-1 are the portions of Sunrise Drive East of Craycroft with the 138KV power line structures above ground. This gives a good example of what we will see along the Campbell Avenue Corridor if the 138KV power structures are placed above ground.

I am sensitive to the need for City beautification and historical preservation. The Campbell Avenue corridor North of Broadway is bounded by several historical neighborhoods as well as the East end of the UofA sports complex, the East end of the beautiful UofA mall and north of Speedway by the Banner Medical Center complex. Historical designated neighborhoods are on both sides of Campbell Avenue.

Because of the disastrous negative impacts, the proposed above ground 138 KV power line will cause. I am opposed to any exceptions being granted to the City of Tucson enacted gateway and scenic route regulations

Sincerely,


Randy Hotchkiss hotchfin@aol.com

520-324-0000

Exhibit A - Sunrise Drive looking East from Swan Road -All electric underground -nice view



Exhibit A-1 Further East on Sunrise Drive. All electric underground



**Exhibit B-1 Further East on Sunrise-example of 138KV
power structure installation**

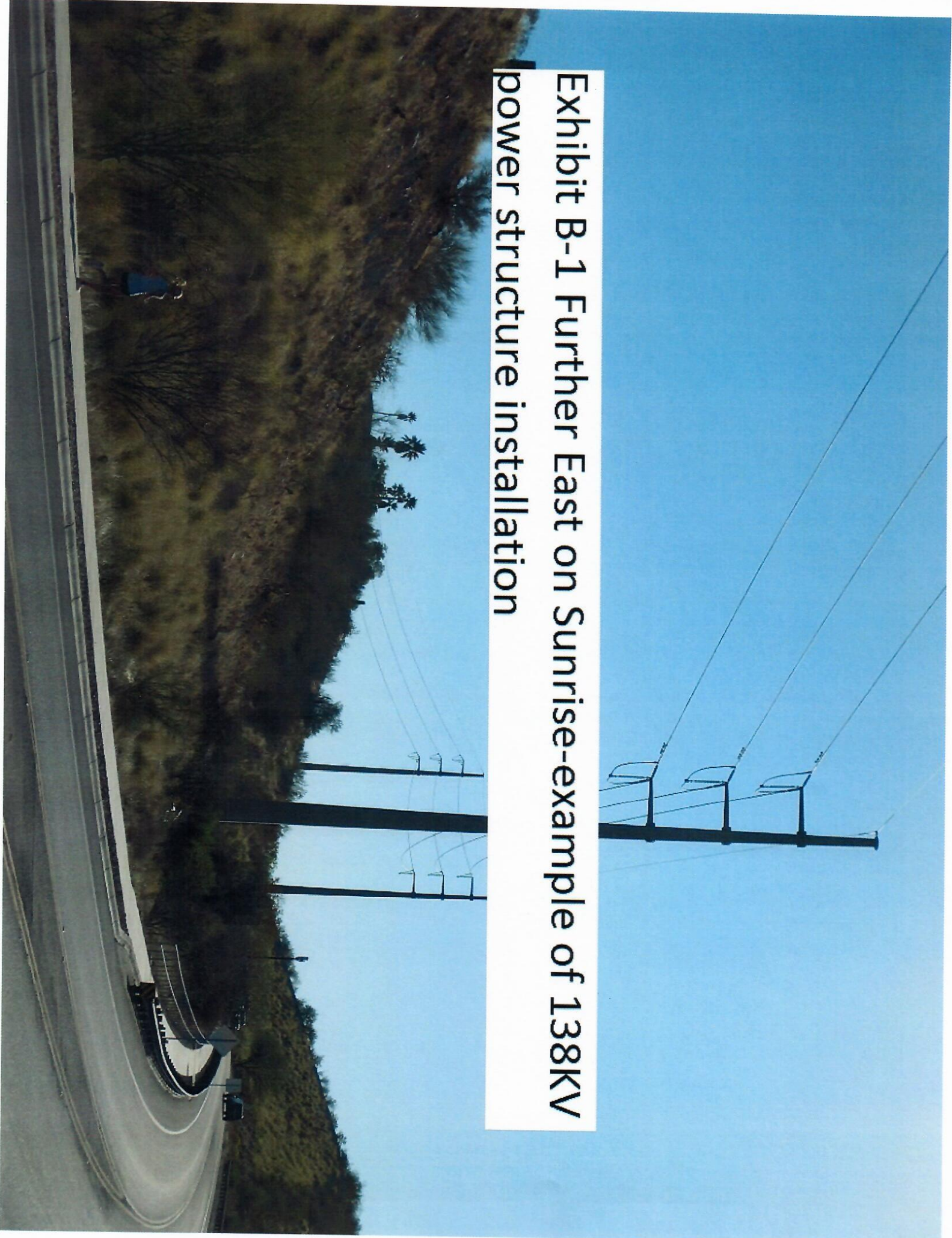


Exhibit B-2 Further East of Sunrise Drive



Subject: FW: Comment on case number (C8-22-04)
Date: Tuesday, April 5, 2022 at 3:39:23 PM Mountain Standard Time
From: PlanningCommission
To: Daniel Bursuck, Koren Manning

From: fran donnellan <fdonnellan@msn.com>
Sent: Tuesday, April 5, 2022 3:39:17 PM (UTC-07:00) Arizona
To: PlanningCommission <PlanningCommission@tucsonaz.gov>
Subject: [EXTERNAL]Re: Comment on case number (C8-22-04)

Please excuse the error highlighted in yellow below. The year should be 2022.

Thank you.
Frances Donnellan
Jefferson Park Neighborhood

From: fran donnellan
Sent: Tuesday, April 5, 2022 2:23 PM
To: PlanningCommission@tucsonaz.gov <PlanningCommission@tucsonaz.gov>
Subject: Comment on case number (C8-22-04)

RF: Public Hearing April 6, 2022: UDC Amendments-Underground Transmission
Line Relief C8-22-04
Special Exentions
Frances Donnellan
Jefferson Park Neighborhood

Planning Commission

It is my hope that you will recognize the commitment homeowners have taken to preserve our historic neighborhoods by participating in numerous public input sessions all in an effort to make Tucson a community in which people want to live and stay.

Pride in home ownership ripples into a greater community in numerous ways including a healthier economy. Disturbing the historic neighborhoods and Gateway views of the Santa Catalina Mountains with above ground power lines is counterintuitive.

Please respect the need for positive growth and a healthy Tucson economy by placing the power lines underground.

Thank you
Frances Donnellan

Subject: FW: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment
Date: Tuesday, April 5, 2022 at 3:53:42 PM Mountain Standard Time
From: PlanningCommission
To: Daniel Bursuck, Koren Manning

From: Wiley Cornell <wileycornell@sbcglobal.net>
Sent: Tuesday, April 5, 2022 3:53:31 PM (UTC-07:00) Arizona
To: PlanningCommission
Subject: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment

Richard Marschner
110 N Camino Miramonte
Tucson, AZ 85716

April 5, 2022

City of Tucson
Planning Commission
Emailed to: PlanningCommission@tucsonaz.gov
Agenda/Meeting Links: <https://www.tucsonaz.gov/pdsd/planning-commission>

Re: Request to Not Recommend Proposed Changes
C8-22-04 Underground Transmission Line Relief Special Exception
UDC Text Amendment Public Hearing (Citywide)
April 6, 2022

Dear Chairperson Wellott and Commissioners:

Please do not recommend the proposed changes in the above referenced matter. Our Scenic and Gateway Corridors must be protected, not undermined.

The City of Tucson collaborated with TEP in closed door sessions to create proposed text amendments. TEP coauthored proposed loopholes to the Scenic and Gateway Ordinances. The City is further enabling TEP's outdated policy to not underground.

If allowed, these proposed text amendments would result in the City never requiring undergrounding in our Scenic and Gateway Corridors. Allowing TEP's excuses to become the law of the City creates loopholes that make our Scenic and Gateway Ordinances impossible to enforce.

Mayor and Council decided Scenic and Gateway Corridors were valuable to Tucson by adopting Ordinances to protect them. Our Scenic Corridors were created to enjoy and protect the scenic resources and natural vegetation. (UDC 5.3) Our Gateway Corridors were created to establish and protect a favorable visual impression to tourists and create attractive streets. (UDC 5.5) These proposed amendments are an abandonment by the City of its vow to protect Scenic and Gateway corridors. We need enforcement of our Scenic and Gateway Ordinances, not abandonment.

Other Arizona utilities and utilities throughout the country are undergrounding to respond to safety, efficiency, and environmental risks. TEP is out of step.

TEP's archaic policy is to not underground. Tucson is left to suffer with TEP's obsolete policy. Above ground lines are aesthetically ugly and increasingly domineering. They create safety and health issues such as fires, dangerous downed lines, accidents, disrupt medical equipment, and impact health from exposure to lines. They create a negative economic impact on property values (recognized by utility companies themselves) and from outages. Poles and lines interrupt enjoyment of nature, disrupt animal passage, damage nature from snapped wires and can harm animals and wildlife. The increased presence of TEP's poles and wires create a less welcoming Tucson.

Respectfully, I request the Planning Commission not recommend the proposed text amendments to the above referenced matter, C8-22-04. Protect and enforce our Scenic and Gateway Corridor Ordinances as written.

Sincerely,

Richard Marschner

Sent from my iPhone

Subject: FW: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment
Date: Tuesday, April 5, 2022 at 4:29:17 PM Mountain Standard Time
From: PlanningCommission
To: Daniel Bursuck, Koren Manning

From: Anne Edwards <tucsoncactus65@gmail.com>
Sent: Tuesday, April 5, 2022 4:29:08 PM (UTC-07:00) Arizona
To: PlanningCommission
Subject: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment

(Name)Harriet Edwards _____
(Address)4920 W. Harris Hawk Pl _____
Tucson, AZ 85745

April __5__, 2022

City of Tucson
Planning Commission
Emailed to: PlanningCommission@tucsonaz.gov
Agenda/Meeting Links: <https://www.tucsonaz.gov/pdsd/planning-commission>

Re: Request to Not Recommend Proposed Changes
C8-22-04 Underground Transmission Line Relief Special Exception
UDC Text Amendment Public Hearing (Citywide)
April 6, 2022

_N __ Y/N I Request to speak on April 2, 2022 (if Yes, my phone number to be used for the meeting is: _____)

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Sincerely,

Harriet Edwards

I stand with Tucson Mountains Association, est. 1934.

Protect, Preserve and Support Open Space and Biological Diversity of the Tucson Mountains

Join or Contribute Online

TMACares.org

See pdf link to this letter <https://indd.adobe.com/view/4ff53737-513a-4ccc-96c6-835c0914c023>

Sent from my iPhone

Mary Durham-Pflibsen
1932 E 10th St
Tucson, AZ 85719

April 5, 2022

City of Tucson
Planning Commission
Emailed to: PlanningCommission@tucsonaz.gov

Re: Request to Not Recommend Proposed Changes
C8-22-04 Underground Transmission Line Relief Special Exception
UDC Text Amendment Public Hearing (Citywide)
April 6, 2022

Dear Chairperson Wellott and Commissioners:

I am a resident of the Sam Hughes Neighborhood and a member of Our Saviour's Lutheran Church, located at Speedway and Campbell, which provides numerous social services to the Tucson community and includes a Joesler-designed chapel. I have requested to speak at the meeting, but wanted to send my comments in writing as I will likely not be able to cover all of these thoughts if I'm able to speak.

Please do not recommend the proposed changes in the above referenced matter. Our Scenic and Gateway Corridors must be protected, not undermined.

My thoughts on some of the "justifications" TEP is providing for keeping these unsightly high voltage transmission lines above-ground are as follows:

12-d: Per TEP, existing high-voltage transmission lines, vertical structures, or buildings already compromise the viewshed.

- Response: This is absolutely untrue. While there are occasional taller buildings that affect views, they are infrequent on the proposed route, especially adjacent to historic neighborhoods. Many are iconic landmarks, such as churches, that enhance rather than detract from the view. Others, such as Sam Hughes Place at Campbell and 6th St, were carefully planned with architecture and landscaping to blend in with the surrounding area along the scenic. There are many mature trees in the proposed route that help obscure current overhead lines. The proposed overhead high voltage transmission lines are more numerous and much taller than occasional current structures and trees along this scenic route. They would absolutely compromise the current viewshed.
- When we purchased our home, we paid quite a bit more than we would have for a home of similar size and age in other midtown neighborhoods because of its location in a historic neighborhood along a scenic route. If the exception is granted to TEP to waive undergrounding the power lines, property owners lose twice- our views and our property values. Presumably, the City of Tucson also loses as lower property values will mean lower property tax revenues

12-h. Proposed transmission lines provide electrical service to critical customers where overhead lines are strongly recommended for specialized operations; examples include but are not limited to: provision of electricity to Davis Monthan AFB or other installations necessary to the national defense, hospitals, research facilities, etc.

- The University of Arizona and Banner Medical Center are not comparable to a US Air Force Base!
- The University is constantly expanding, to their credit, due to outstanding research. Banner has been working on a well-planned expansion of their facilities for years. If there was a need for additional electricity, why was this not broached when building permits were issued? The cost of following the Gateway/Scenic ordinance to underground improved delivery of electricity should have been addressed prior to the start of construction, and built into the construction budget. I was a member of the neighborhood advisory group which Banner convened during their remodel and expansion. They never once mentioned that current electrical infrastructure was insufficient. If hospitals and research facilities are a priority for provision of electricity, why was this information not shared with Banner and UArizona, and why was the cost of following the Gateway/Scenic Ordinance by undergrounding utilities not considered during construction? Why is a scenic gateway route in danger of being destroyed after the fact?

12-i. Proposed overhead transmission lines, rather than undergrounded transmission lines on a particular route, would avoid undesirable aesthetic, viewshed, or other adverse impacts that would result from facilities being located on an alternative route.

- Ridiculous! Undergrounding as required by the Gateway/Scenic ordinance prevents undesirable aesthetic, viewshed or other adverse impacts on *any* route that threatens scenic routes and historic areas.
- The “public input” process for determining the route for proposed overhead utilities was flawed from the get-go. The entire west side of the proposed route along Campbell from 6th St to Pima includes the University of Arizona and Banner University Medical Center to the west and the historic neighborhoods and churches on the east. Of course, there would be few or no comments from the University and Banner, resulting in fewer objections to this route than others which had residential and commercial properties on both sides of the proposed route. The process was therefore skewed towards selecting the route down Campbell Ave, a designated Scenic and Gateway Corridor.

Mayor and Council decided Scenic and Gateway Corridors were valuable to Tucson by adopting Ordinances to protect them. Our Scenic Corridors were created to enjoy and protect the scenic resources and natural vegetation. (UDC 5.3) Our Gateway Corridors were created to establish and protect a favorable visual impression to tourists and create attractive streets. (UDC 5.5) These proposed amendments are an abandonment by the City of its vow to protect Scenic and Gateway corridors. We need enforcement of our Scenic and Gateway Ordinances, not abandonment.

A stated economic goal for Tucson is to attract new businesses and create jobs. Our Gateway corridors are areas which visitors driving into Tucson from the airport see first. Our goal should be to make a favorable “first impression” rather than installing unsightly overhead power lines usually seen in industrial or sparsely populated areas.

Other Arizona utilities and utilities throughout the country are undergrounding to respond to safety,

efficiency, and environmental risks. TEP is out of step.

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Respectfully, I request the Planning Commission not recommend the proposed text amendments to the above referenced matter, C8-22-04. Protect and enforce our Scenic and Gateway Corridor Ordinances as written. Thank you for considering my comments.

Sincerely,
Mary Durham-Pflibsen

Subject: FW: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment

Date: Wednesday, April 6, 2022 at 6:29:07 AM Mountain Standard Time

From: PlanningCommission

To: Daniel Bursuck, Koren Manning

From: li schmidt <lischmidt0@gmail.com>

Sent: Wednesday, April 6, 2022 6:28:23 AM (UTC-07:00) Arizona

To: PlanningCommission <PlanningCommission@tucsonaz.gov>

Subject: [EXTERNAL]C8-22-04 April 6, 2022 Public Hearing - Comments - Underground Transmission Line Relief Special Exception UDC Text Amendment

(Name) li & justin schmidt

(Address) 5655 w sweetwater dr

Tucson, AZ 85745

April 06, 2022

City of Tucson

Planning Commission

Emailed to: PlanningCommission@tucsonaz.gov

Agenda/Meeting Links: <https://www.tucsonaz.gov/pdsd/planning-commission>

Re: Request to Not Recommend Proposed Changes

C8-22-04 Underground Transmission Line Relief Special Exception

UDC Text Amendment Public Hearing (Citywide)

April 6, 2022

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