



**CITY OF NEW BRAUNFELS, TEXAS
TRANSPORTATION AND TRAFFIC ADVISORY
BOARD MEETING
TEJAS ROOM
550 LANDA STREET**



THURSDAY, SEPTEMBER 14, 2023 at 6:00 PM

AGENDA

1. CALL TO ORDER

2. ROLL CALL

3. APPROVAL OF MINUTES

- A) Approval of the minutes of the August 10th, 2023 [23-1163](#)
Transportation and Traffic Advisory Board meeting.

4. CITIZENS' COMMUNICATIONS

This time is for citizens to address the Transportation and Traffic Advisory Board on issues and items of concerns not on this agenda. There will be no Transportation and Traffic Advisory Board action at this time.

5. PRESENTATIONS

- A) Presentation and update on New Braunfels Public [23-1162](#)
Transit.

6. INDIVIDUAL ITEMS FOR CONSIDERATION

- A) Discuss and consider a recommendation to City Council [23-1171](#)
to install speed humps on Ervendberg Avenue.
- B) Discuss and consider a recommendation to City Council [23-1160](#)
to amend the pavement, street, and pedestrian and
bicycle facilities engineering standards.
- C) Discuss and consider the election of a vice chair. [23-1161](#)

7. ADJOURNMENT

CERTIFICATION

I hereby certify the above Notice of Meeting was posted on the bulletin board at the New Braunfels City Hall.

Board Liaison

NOTE: Persons with disabilities who plan to attend this meeting and who may need auxiliary aids or services such as interpreters for persons who are deaf or hearing impaired, readers, or large print, are requested to contact the City Secretary's Office at 221-4010 at least two (2) work days prior to the meeting so that appropriate arrangements can be made.



Transportation and Traffic Advisory Board Agenda Item Report

550 Landa Street
New Braunfels, TX

9/14/2023

Agenda Item No. A)



TRANSPORTATION AND TRAFFIC ADVISORY BOARD

Regular Meeting Minutes

August 10, 2023

Members Present:

Arthur Brinkkoeter
Gary Kirkham
Ron Munyan

Ernesto Rodriguez
Michael Yoder
Garrett Mechler

Members Absent:

Michael Dietert

Staff Present:

Carly Farmer
Garry Ford

Citizens Present:

Chastine Flynn
Pam Timmermann
Lee Garrett

Wayne Peters
Summer Niclcle

1. **CALL TO ORDER** – called to order @ 6:00pm
2. **ROLL CALL**
3. **APPROVAL OF MINUTES**

Art Brinkkoeter made a motion to accept minutes of the June 8, 2023 meeting. Ernesto Rodriguez seconded the motion. All in favor.

4. **CITIZENS COMMUNICATIONS**

Pam Timmermann asked about the large amount of traffic around New Braunfels and also, she felt the growth is getting out of hand. She asked that even though two bonds were passed she is wanting to know why there is no construction happening on Barbarosa Rd. She said the road is in very bad shape and has very high traffic counts. She asked when there will be some relief. Garry Ford mention that she could contact Transportation and Capital Improvements for the information.

5. **PRESENTATION**

(A) Presentation on the City of New Braunfels requirements and process for the authorization and installation of traffic control devices.

Garry Ford presented the requirements and the process of the traffic control devices. He also explained the authorization and city councils process and also the use of the MUTCD manual.

6. CONSENT ITEMS

- A) Garry Kirkham read the council items (2) and accepted a motion from Ernesto Rodriguez and Michael Yoder 2nd the motion. All in favor and passed.

7. INDIVIDUAL ITEMS FOR CONSIDERATION

- A) Discuss and consider a recommendation to City Council to amend Section 126-354 of the Code of Ordinances of the City of New Braunfels to include a portion of N. Washington Avenue in Parking by Permit Area C.**

Carly Farmer read this item which included a portion of N. Washington Ave. from Common St. to E. Main Street and amending the Parking by Permit Area C only. Motion to approve was seconded and passed.

- B) Discuss and consider a recommendation to City Council to amend Section 126-356 of the Code of Ordinances of the City of New Braunfels to establish a no parking zone on the east side of Spur Street South of S. Peach Avenue.**

Carly Farmer read this item and mentioned that this also included previous request of the 2043 Spur St. home to be no parking. After she explained the study of this item Michael Yoder made a motion to go with staff and not recommend a no parking zone on east side of Spur Street next to intersection at S. Peach Avenue. Ernest Rodriguez 2nd the motion, passes 5 yes and 1 no (Arthur Brinkkoeter). Motion passed.

- C) Discuss and consider a recommendation to City Council to amend Section 126-137 of the Code of Ordinances of the City of New Braunfels to revise the bounds of a school zone on S. Walnut Avenue.**

Carly Farmer read this item and with little discussion Michael Yoder made a motion to go with staff and reduce the length of the school zone on S. Walnut Street. Ernest Rodriguez 2nd the motion, all in favor and motion passed.

- D) Discuss and consider a recommendation to City Council to install pavement markings on Klein Way between Klein Road and Settlers Crossing.**

Carly Farmer read this item and in great detail. Ernesto and Garrett had a few questions on the item. Carly answered the questions, Arthur Brinkkoeter made a motion to go with staff recommendation to approve of the proposed pavement markings on Klein Way between Klein Road and Settlers Crossing. Ernest Rodriguez 2nd the motion, all in favor and motion passed.

- E) Discuss and consider a recommendation to City Council to amend Section 126-346 of the Code of Ordinances of the City of New Braunfels to establish a no parking zone on Klein Way.**

Carly Farmer read this item and in great detail on the no parking zone on Klein Way. Ron Munyan made a motion to go with staff recommendation to approve the no parking zone on Klein Way. Ernest Rodriguez 2nd the motion, all in favor and motion passed.

8. ADJOURNMENT

Michael Yoder motion to adjourn. Ernesto Rodriguez second the motion. Adjourn at 7:03 PM
Next meeting will be 2nd Thursday in September at 6:00 PM.

9/14/2023

Agenda Item No. A)

PRESENTER:

Garry Ford, Transportation and Capital Improvements Director

SUBJECT:

Presentation and update on New Braunfels Public Transit.

DEPARTMENT: Transportation & Capital Improvements

BACKGROUND INFORMATION:

Staff will provide a presentation on New Braunfels Public Transit to include:

- Update on the Transit Development Plan
- Changes to the urban area boundaries and federal and state transit funding

9/14/2023

Agenda Item No. A)

PRESENTER:

Garry Ford, Transportation and Capital Improvements Director

SUBJECT:

Discuss and consider a recommendation to City Council to install speed humps on Ervendberg Avenue.

DEPARTMENT: Transportation and Capital Improvements

COUNCIL DISTRICTS IMPACTED: 4

BACKGROUND INFORMATION:

Residents submitted a request for the installation of speed humps on Ervendberg Avenue on the section south of the Union Pacific Railroad and north of the sharp bends towards Gruene Road. Ervendberg Avenue is a local residential street with an assumed speed limit of 30 mph and is not classified on the 2012 City of New Braunfels Thoroughfare Plan. The request was evaluated based on petition, operational and geometric requirements established in the City of New Braunfels Speed Hump Policy approved in 1999.

Five signatures were required to meet the two-thirds requirement, and five signatures were received. An operational requirement in the policy is that the 85th percentile speed must be at least 5 miles per hour over the regulatory speed limit of 30 mph. Traffic data collected over 24 hours in Summer 2023 showed the 85th percentile speed of 33.5 miles per hour which does not meet the speed criteria in the Speed Hump Policy. Additionally, the volume requirement in the approved speed hump policy is a daily traffic volume of at least 800 vehicles per day. The traffic data collected measured 1,002 vehicles per day. These requirements are listed in the attachment to this report.

The Speed Hump Policy also requires proposed speed humps on a street to be approved by the emergency services departments. The New Braunfels Fire Department and the New Braunfels Police Department have no objections to the installation of speed humps on the requested street.

Traffic crash data was found through TxDOT's Crash Records Information System and shows one crash reported in the last three years.

If the request is approved, the street will be placed on the list of streets eligible for speed hump installation for up to three years. Speed hump projects will be prioritized according to the criteria established in the Speed Hump Policy.

The Speed Hump Policy also states that the alteration or removal of speed humps requires the same petition process as the installation request, with at least two-thirds of all adjacent households and businesses in favor of speed hump removal. The city will not provide any funding for the removal of speed humps if it is requested.

ISSUE:

Residents have requested speed humps be installed on Ervendberg Avenue due to speeding and safety concerns.

FISCAL IMPACT:

The City has specific funding for the installation of traffic calming. This is the first speed hump request submitted for the 2024 fiscal year. Speed hump installation cost including speed cushions, signing and pavement markings at two locations cost approximately \$30,000, depending on location.

RECOMMENDATION:

Staff does not recommend approval of speed humps on Ervendberg Avenue as it does not meet the speed criteria established in the Speed Hump Policy.

Petition

Requirement		Satisfied?
1.	A petition from the residents and business owners documenting that at least two-thirds support the installation of speed humps.	Yes
2.	Verification statement from contact person confirming signatures are valid and represent at least two-thirds support.	Yes
3.	A statement from the neighborhood association endorsing speed hump installation.	N/A

Operational and Geometric Characteristics of the Street

Requirement		Satisfied?
1.	The street shall provide access to abutting residential and/or commercial properties.	Yes
2.	The street shall not have more than one lane of traffic in each direction.	Yes
3.	The street shall have a regulatory speed limit of 30 mph or less as determined in accordance with State Law.	Yes: 30 mph
4.	The 85 th percentile speed on the street must be at least 35 mph or 5 mph over the regulatory speed limit.	No: 33.5 mph
5.	The speed humps should not be located on a horizontal curve, on vertical curves where visibility of the hump is restricted, or on approaches to these curves.	Yes
6.	The street should have curb and gutter. Considerations may be given to street without curb and gutter to accommodate drainage and prevent vehicle run-arounds.	No
7.	The street must be approved by the emergency services departments.	Yes ^a
8.	The street must have a 24-hour traffic volume of at least 800 vehicles.	Yes: 1002 vpd average

^a Parking may be restricted at speed hump locations to maintain emergency response.

Speed and Volume Data

	≤25 mph	26-30 mph	31-35 mph	36-40 mph	41+ mph
Average vpd (08/2023)	293	362	265	69	13

Project Prioritization Criteria

Criteria		Points Assigned
1. Crash	1 reported crashes over a period of 3 consecutive years	0
2. Speed	3.5 mph difference between 85 th percentile speed and regulatory speed limit	0
3. Traffic Volume	Two-way peak hour volume of 91 vph	1
4. Type of Neighborhood	1. Schools within a ½ mile radius of the project street	0
	2. Absence of sidewalks on the project street	1
Total:		2



Signature Received



9/14/2023

Agenda Item No. B)

PRESENTER:

Greg Malatek, Public Works Director/Garry Ford, Transportation and Capital Improvements Director

SUBJECT:

Discuss and consider a recommendation to City Council to amend the pavement, street, and pedestrian and bicycle facilities engineering standards.

DEPARTMENT: Public Works, Transportation & Capital Improvements

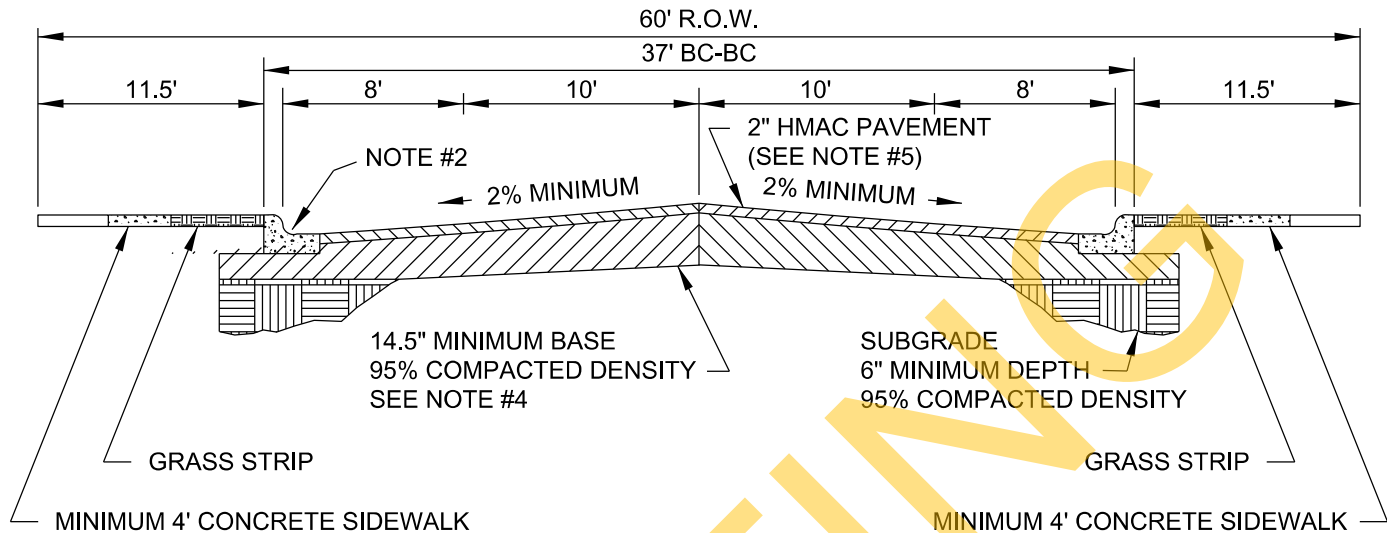
BACKGROUND INFORMATION:

Staff will provide an overview on the proposed amendments to pavement, street, and pedestrian and bicycle facilities engineering standards.

RECOMMENDATION:

Staff recommends proposed amendments to pavement, street, and pedestrian and bicycle facilities engineering standards.

RESIDENTIAL COLLECTOR PARKING BOTH SIDES



NOTES:

1. STRUCTURAL SECTION REQUIRES DETAILED ENGINEERING DESIGN, SUBJECT TO THE APPROVAL OF THE CITY ENGINEER. CITY WILL ACCEPT DESIGNS THAT INCORPORATE BIAxIAL GEOGRID.
2. SEE CURB DETAIL ST-013.
3. ROADWAY MEASUREMENT SHOWN FROM BACK OF CURB (BC).
4. FLEXIBLE BASE MATERIAL SHALL BE TYPE "A" GRADE 2 PER TXDOT STD.
5. ASPHALT CONCRETE PAVEMENT SHALL BE TYPE "D" HOT MIX PER TXDOT ITEM 340 (2004).
6. STRUCTURAL SECTION SHOWN IS BASED ON A CBR VALUE OF 3. THE FOLLOWING ALTERNATIVE SECTIONS MAY BE APPROVED IF SUPPORTED BY ENGINEERING ANALYSIS BASED ON SOILS TESTING.
 - A. 11" MINIMUM BASE OVER 6" MINIMUM LIME TREATED SUBGRADE USED IN LIEU OF 14.5" BASE AS SHOWN.
 - B. FOR CBR VALUES GREATER THAN 6.5 - 10" MINIMUM BASE USED IN LIEU OF 14.5" BASE AS SHOWN.
 - C. PROPOSALS FOR ALTERNATIVE ROAD STRUCTURE WITH SUPPORTING ENGINEERING DOCUMENTATION MAY BE SUBMITTED TO THE CITY ENGINEER FOR CONSIDERATION AND APPROVAL.
7. IN NO CASE SHALL THE HMAC SECTION BE LESS THAN THAT SHOWN.
8. BASE MUST EXTEND 1' BEYOND BACK OF CURB, 6" MINIMUM THICKNESS

DATE APPROVED: 07/2008

DWG. NO: ST-007

SCALE: N.T.S.

DRAWN BY: RAS

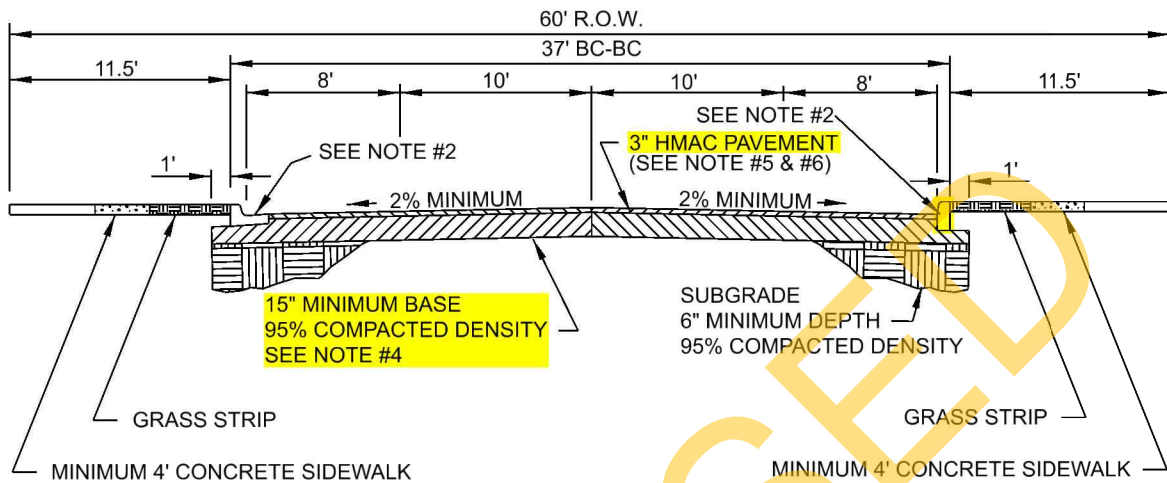
SHEET: 1 OF 1

FILENAME: RESIDENTIAL COLLECTOR (PARKING BOTH SIDES)



ENGINEERING
DEPARTMENT

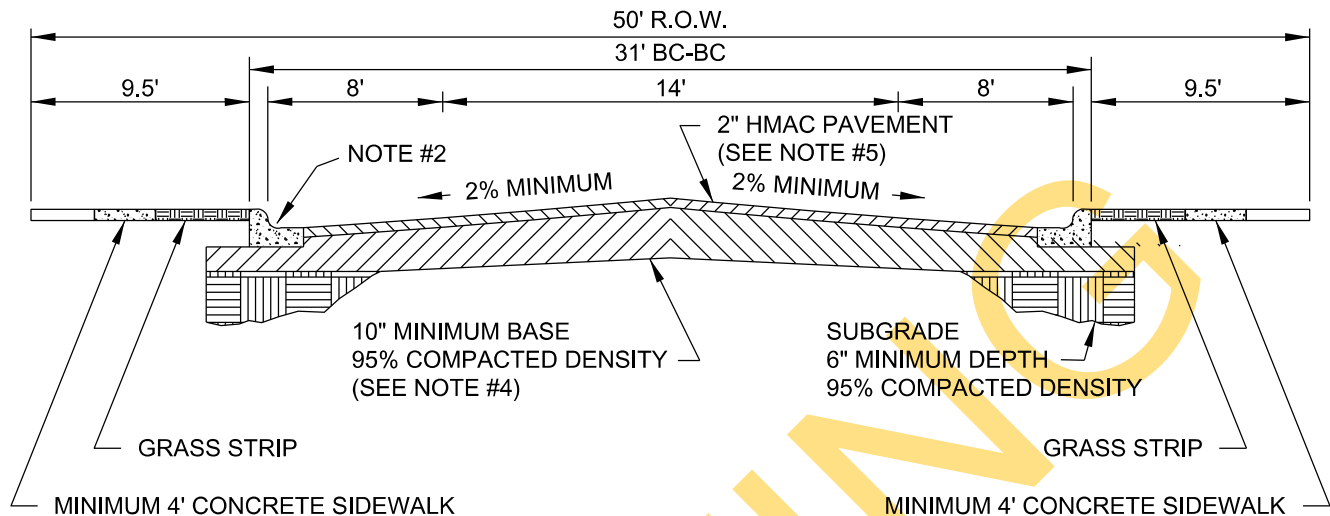
RESIDENTIAL COLLECTOR PARKING BOTH SIDES



NOTES:

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2. CITY WILL ACCEPT CURB AND GUTTER OR STAND-ALONE GUTTER. SEE CURB DETAIL ST-013 (CURB & GUTTER) & ST-013a (STAND-ALONE GUTTER).
3. ROADWAY MEASUREMENT SHOWN FROM BACK OF CURB (BC).
4. FLEXIBLE BASE MATERIAL SHALL BE TYPE "A" GRADE 2 PER TXDOT STD.
5. ASPHALT CONCRETE PAVEMENT SHALL BE TYPE "D" HOT MIX PER TXDOT ITEM 340 (2004).
6. IN NO CASE SHALL THE HMAC SECTION BE LESS THAN THAT SHOWN.
7. BASE MUST EXTEND 1' BEYOND BACK OF CURB, 12" MINIMUM THICKNESS.

ONE & TWO FAMILY RESIDENTIAL LOCAL PARKING BOTH SIDES



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 - A. 6" MINIMUM BASE OVER 6" MINIMUM LIME TREATED SUBGRADE USED IN LIEU OF 10" BASE AS SHOWN.
 - B. FOR CBR VALUES GREATER THAN 6.5 - 8" MINIMUM BASE USED IN LIEU OF 10" BASE AS SHOWN.
 - C. PROPOSALS FOR ALTERNATIVE ROAD STRUCTURE WITH SUPPORTING ENGINEERING DOCUMENTATION MAY BE SUBMITTED TO THE CITY ENGINEER FOR CONSIDERATION AND APPROVAL.
7. IN NO CASE SHALL THE HMAC SECTION BE LESS THAN THAT SHOWN.
8. BASE MUST EXTEND 1' BEYOND BACK OF CURB, 6" MINIMUM THICKNESS

DATE APPROVED: 07/2008

DWG. NO: ST-011

SCALE: N.T.S.

DRAWN BY: RAS

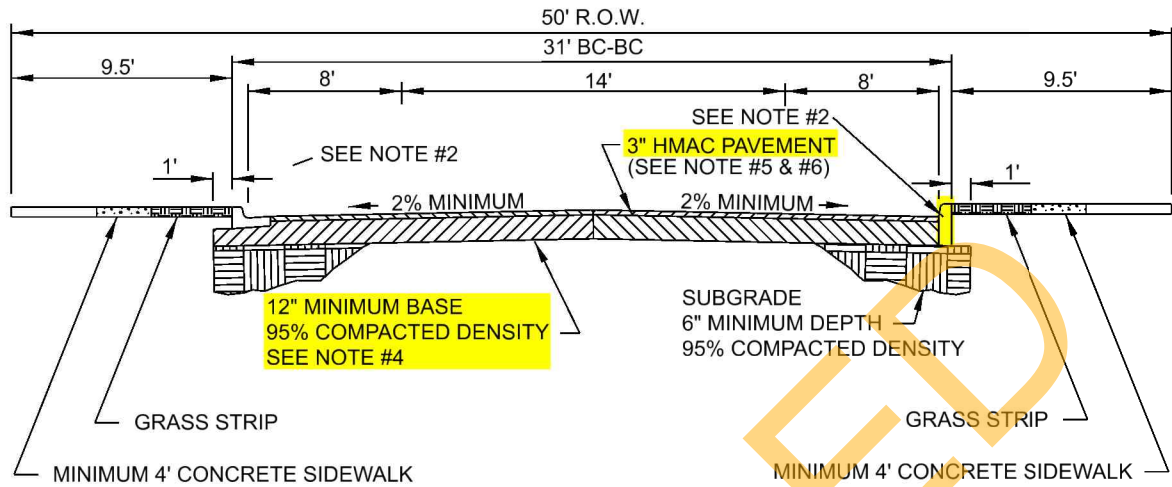
SHEET: 1 OF 1

FILENAME: ONE & TWO FAMILY RESIDENTIAL LOCAL (PARKING BOTH SIDES)



ENGINEERING
DEPARTMENT

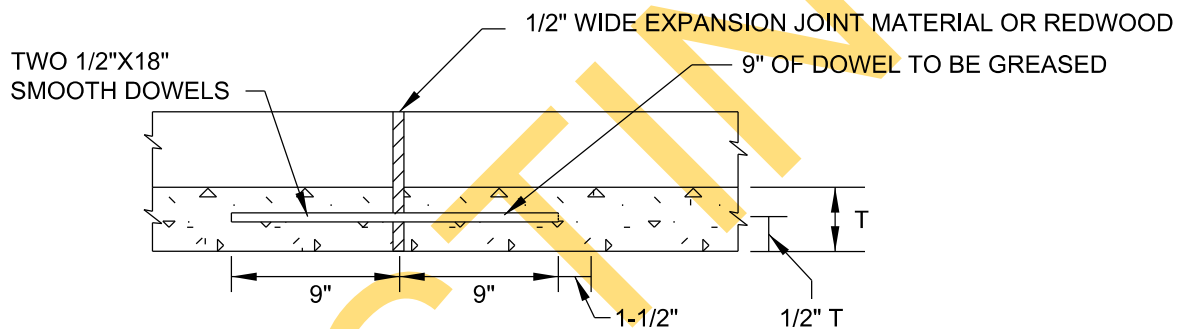
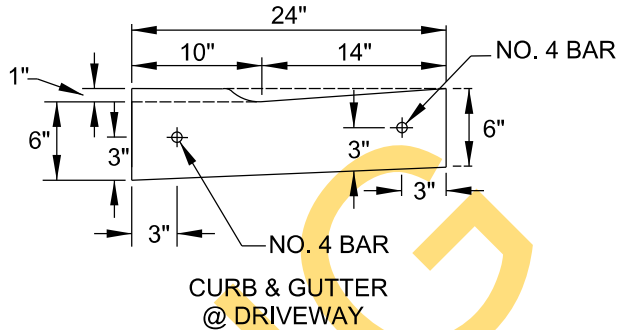
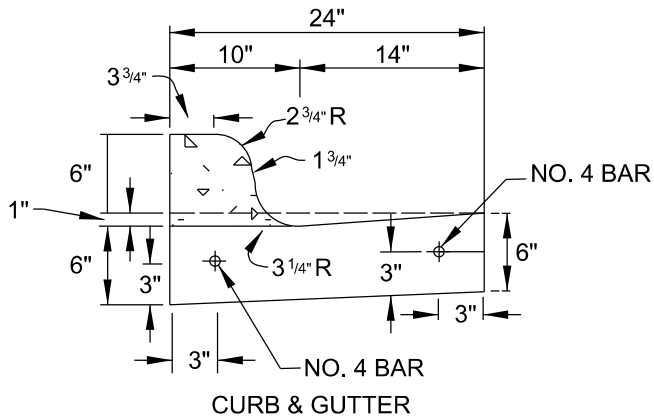
ONE & TWO FAMILY RESIDENTIAL LOCAL PARKING BOTH SIDES



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6. IN NO CASE SHALL THE HMAc SECTION BE LESS THAN THAT SHOWN.
7. BASE MUST EXTEND 1' BEYOND BACK OF CURB, 9" MINIMUM THICKNESS

CURB AND GUTTER



LONGITUDINAL SECTION THRU CURB AND GUTTER
SHOWING TYPICAL EXPANSION JOINT DETAILS.
REINFORCING STEEL SHALL NOT CROSS EXPANSION JOINTS.
STEEL SHALL BE TERMINATED 3" (+ OR -) 1" FROM FACE OF THE JOINT.

NOTES:

1. REINFORCING BARS SHALL BE LAPPED A MINIMUM OF 18".
2. CURB AND GUTTER SHALL HAVE FORMED TOOLED OR SAWED CONTRACTION JOINTS AT $\pm 10'$. THE DEPTH OF THESE JOINTS SHALL BE SUFFICIENT TO ENSURE CRACKING AT THE JOINTS.
3. CURB OR CURB AND GUTTER SHALL HAVE EXPANSION JOINTS AT POINTS OF CURVATURE, AT INTERVALS NO GREATER THAN 100' AND AT ALL ADJACENT STRUCTURES.
4. UNLESS OTHERWISE SHOWN, TRANSITIONS BETWEEN CURBS OR CURBS AND GUTTER OF DIFFERING CROSS SECTION SHALL BE ACCOMPLISHED OVER A 10' LENGTH OR AS APPROVED BY THE CITY ENGINEER.
5. ALL CONCRETE TO BE CLASS "A" 3000 PSI CONCRETE.
6. ALL EXPOSED CONCRETE SURFACES TO BE BRUSHED SMOOTH AND UNIFORM.

DATE APPROVED: 07/2008

DWG. NO: ST-013

SCALE: N.T.S.

DRAWN BY: RAS

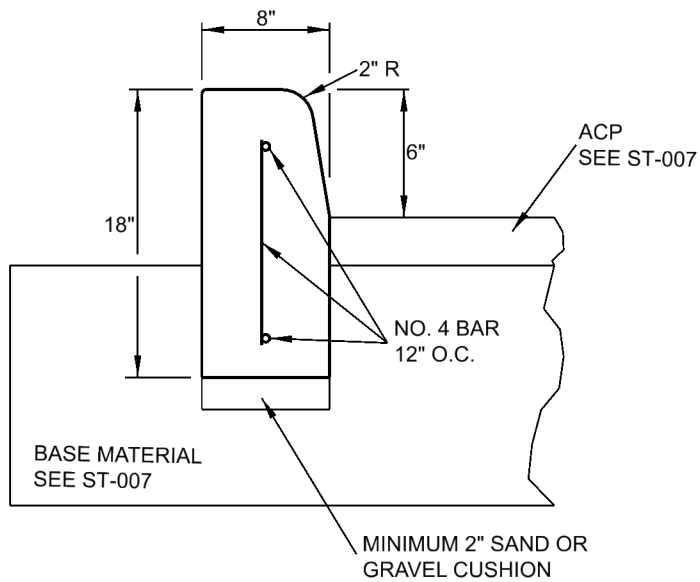
SHEET: 1 OF 1

FILENAME: CURB & GUTTER

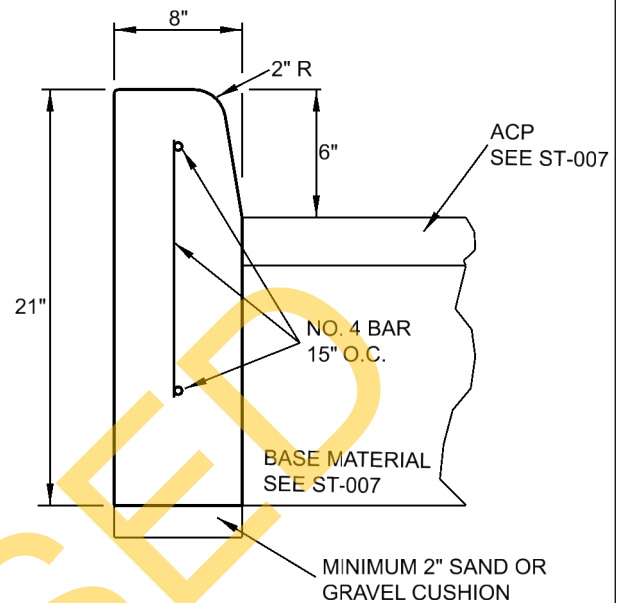


ENGINEERING
DEPARTMENT

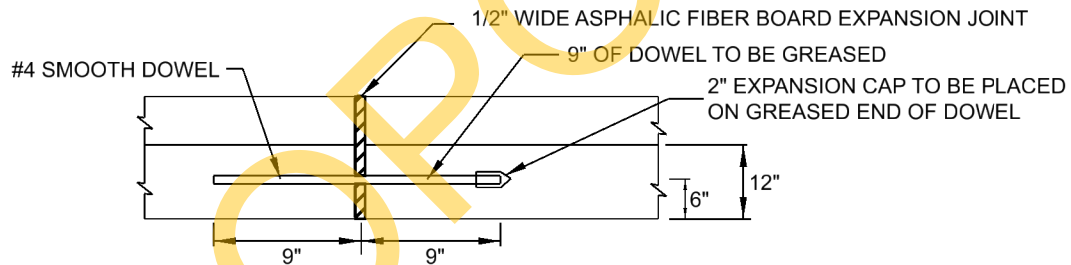
STAND-ALONE CURB



COLLECTOR STREET



LOCAL STREET



LONGITUDINAL SECTION THRU CURB SHOWING TYPICAL EXPANSION JOINT DETAILS.

REINFORCING STEEL SHALL NOT CROSS EXPANSION JOINTS.
STEEL SHALL BE TERMINATED 3" (+ OR -) 1" FROM FACE OF THE JOINT.

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4. UNLESS OTHERWISE SHOWN, TRANSITIONS BETWEEN CURBS OF DIFFERING CROSS SECTION SHALL BE ACCOMPLISHED OVER A 10' LENGTH OR AS APPROVED BY THE CITY ENGINEER.
5. ALL CONCRETE TO BE CLASS "A" 3000 PSI CONCRETE.
6. ALL EXPOSED CONCRETE SURFACES TO BE BRUSHED SMOOTH AND UNIFORM.

9/14/2023

Agenda Item No. C)

PRESENTER:

Garry Ford, Transportation and Capital Improvements Director

SUBJECT:

Discuss and consider the election of a vice chair.

DEPARTMENT: Transportation and Capital Improvements

COUNCIL DISTRICTS IMPACTED: N/A

BACKGROUND INFORMATION:

This item is on the agenda at the request of the Transportation and Traffic Advisory Board.

According to Article IV Section 2 of the Bylaws of the Transportation and Traffic Advisory Board, "The Vice-Chairman shall assist the Chairman as needed and shall serve as the presiding officer in the absence of the Chairman. The Vice-Chairman shall have the right to vote on all issues that come before the membership."

ISSUE:

N/A

FISCAL IMPACT:

N/A

RECOMMENDATION:

N/A