

**CITY OF DIAMOND BAR
TRAFFIC AND TRANSPORTATION COMMISSION
AGENDA**

Thursday, March 14, 2024

**Diamond Bar City Hall
Windmill Community Room
21810 Copley Drive, Diamond Bar, CA 91765**

CALL TO ORDER: 6:30 P.M.

PLEDGE OF ALLEGIANCE: Commissioner Plunkett

ROLL CALL: Commissioners Busteed, Mehta, Morales,
Plunkett, Sulakhe

I. REORGANIZATION OF THE TRAFFIC AND TRANSPORTATION COMMISSION

A. Reorganization of the Traffic and Transportation Commission

Recommended Action: Select a Chair and Vice-Chair

II. APPROVAL OF MINUTES:

A. Traffic and Transportation Commission Minutes of January 11, 2024

Recommended Action: Receive and File

III. PUBLIC COMMENTS:

This is the time and place for the general public to address the Commission. Items to be discussed here are those which do not already appear on this agenda.

IV. ITEMS FROM STAFF:

A. Traffic Statistics for December 2023 & January 2024

Recommended Action: Receive and File

B. Updates on Various Projects/Programs

Recommended Action: Receive and File

V. NEW BUSINESS**A. Engineering and Traffic Survey - 14 Year Extension**

Recommended Action: Receive and File

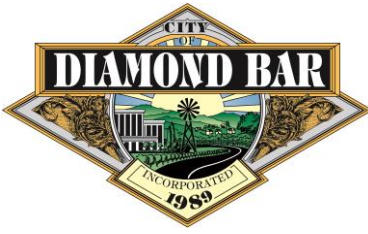
VI. STATUS OF PREVIOUS ACTION ITEMS**VII. ITEMS FROM COMMISSIONERS:****VIII. SCHEDULE OF FUTURE CITY EVENTS:**

- A. CITY COUNCIL MEETING – Tuesday, March 19, 2024 – 6:30 p.m.,
AQMD/Government Center, Auditorium, 21865 Copley Drive
- B. PLANNING COMMISSION MEETING – Tuesday, March 26, 2024 – 6:30 p.m.,
Diamond Bar City Hall Windmill Community Room, 21810 Copley Drive
- C. PARKS AND RECREATION COMMISSION MEETING – Thursday, March 28,
2024 – 6:30 p.m., Diamond Bar City Hall Windmill Community Room, 21810
Copley Drive
- D. BREAKFAST WITH THE BUNNY – Saturday, March 30, 2024 – 9:00-11:00 a.m.,
Diamond Bar Center, 1600 Grand Avenue
- E. CITY COUNCIL MEETING – Tuesday, April 2, 2024 – 6:30 p.m.,
AQMD/Government Center, Auditorium, 21865 Copley Drive
- F. CITY 35th BIRTHDAY PARTY – Saturday, April 6, 2024 – 10:00 a.m. – 4:00 p.m.,
Summitridge Park and Diamond Bar Center, 1600 Grand Avenue
- G. PLANNING COMMISSION MEETING – Tuesday, April 9, 2024 – 6:30 p.m.,
Diamond Bar City Hall Windmill Community Room, 21810 Copley Drive
- H. CITY COUNCIL MEETING – Tuesday, April 16, 2024 – 6:30 p.m.,
AQMD/Government Center, Auditorium, 21865 Copley Drive
- I. EARTH DAY CELEBRATION – Saturday, April 20, 2024 – 9:00 a.m. – 2:00 p.m.,
SCAQMD Parking Lot – 21865 Copley Drive
- J. PLANNING COMMISSION MEETING – Tuesday, April 23, 2024 – 6:30 p.m.,
Diamond Bar City Hall Windmill Community Room, 21810 Copley Drive

- K. CITY COUNCIL MEETING – Tuesday, May 7, 2024 – 6:30 p.m.,
AQMD/Government Center, Auditorium, 21865 Copley Drive

- L. TRAFFIC & TRANSPORTATION COMMISSION MEETING – Thursday, May 9,
2024 – 6:30 p.m., Diamond Bar City Hall Windmill Community Room, 21810
Copley Drive

IX. ADJOURNMENT



TRAFFIC & TRANSPORTATION COMMISSION AGENDA REPORT

CITY OF DIAMOND BAR ~ 21810 COPLEY DRIVE ~ DIAMOND BAR, CA 91765 ~ TEL. (909) 839-7040 ~ FAX (909) 861-3117

AGENDA ITEM NUMBER: **1.1**

MEETING DATE: March 14, 2024

TO: Chair and Members of the Traffic and Transportation Commission

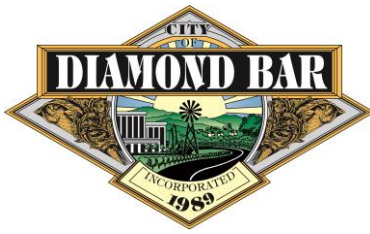
FROM: David G. Liu, Public Works Director/City Engineer

SUBJECT: Reorganization of the Traffic and Transportation Commission

RECOMMENDATION: Select a Chair and Vice-Chair

The Traffic and Transportation Commission shall, at its first regular meeting in March of each calendar year, select a Chairperson (Chair) and Vice-Chairperson (Vice-Chair) from among its appointed members for a term of one year.

The Chair shall be the Presiding Officer at all meetings of the Commission. In the absence of the Chair, the Vice-Chair shall preside. In the absence of both the Chair and the Vice-Chair, the Commission shall select a temporary Presiding Officer to serve until the arrival of the Chair or Vice-Chair, or until adjournment.



TRAFFIC & TRANSPORTATION COMMISSION AGENDA REPORT

CITY OF DIAMOND BAR ~ 21810 COPLEY DRIVE ~ DIAMOND BAR, CA 91765 ~ TEL. (909) 839-7040 ~ FAX (909) 861-3117

AGENDA ITEM NUMBER: **2.A**

MEETING DATE: March 14, 2024

TO: Chair and Members of the Traffic and Transportation Commission

FROM: David G. Liu, Public Works Director/City Engineer

SUBJECT: Traffic and Transportation Commission Minutes of January 11, 2024

RECOMMENDATION: Receive and File

Attached, for your review and approval, are the Traffic and Transportation Commission Meeting Minutes of January 11, 2024.

Attachments:

1. T&T Commission Minutes- 01-11-24

**CITY OF DIAMOND BAR
MINUTES OF THE TRAFFIC & TRANSPORTATION COMMISSION MEETING
DIAMOND BAR CITY HALL WINDMILL ROOM
21810 COPLEY DRIVE, DIAMOND BAR, CA 91765
JANUARY 11, 2024**

CALL TO ORDER:

Chair Plunkett called the meeting to order at 6:32 p.m.

PLEDGE OF ALLEGIANCE:

Commissioner Busted led the Pledge of Allegiance.

ROLL CALL:

Commissioners Gary Busted, Manisha Sulakhe, VC/Mehta and Chair Plunkett

Commissioner Morales was excused

Staff present:

David Liu, Public Works Director; Hal Ghafari, Public Works Manager/Assistant City Engineer; Nicholas (Nick) Delgado, Public Works Management Analyst, Marcy Hilario, Administrative Coordinator

I. APPROVAL OF MINUTES:

- A. Traffic and Transportation Commission Regular Meeting Minutes of November 9, 2023.

C/Busted moved, VC/Mehta seconded, to approve the Regular Meeting Minutes of November 9, 2023. Motion carried by the following Roll Call vote:

AYES: COMMISSIONERS: Busted, VC/Mehta, Chair/Plunkett
ABSENT: COMMISSIONERS: Morales
ABSTAIN: COMMISSIONERS: Sulakhe

II. PUBLIC COMMENTS: None

Attachment: T&T Commission Minutes- 01-11-24 (Traffic and Transportation Commission Minutes of January 11, 2024)

III. ITEMS FROM STAFF:**A. TRAFFIC STATISTICS – OCTOBER & NOVEMBER 2023**

C/Busteed moved, VC/Mehta seconded, to receive and file the October and November 2023 Traffic Statistics Report. Motion carried by the following Roll Call vote:

AYES: COMMISSIONERS: Busteed, Sulakhe, VC/Mehta,
Chair/ Plunkett

ABSENT: COMMISSIONERS: Morales

B. MONTHLY UPDATES OF VARIOUS PROJECTS/PROGRAMS:**1. Residential & Collector Streets Rehabilitation (Area 3) and Arterial Street Rehabilitation Design Project**

The draft plans are presently under review by staff. The project aims to address residential and collector streets through slurry seal, chip seal, and Asphalt Concrete (AC) overlay. Additionally, it involves removing and repairing isolated damaged AC pavement based on field conditions in Area 3. Furthermore, the project rehabilitates three sections of arterials: Grand Avenue between Diamond Bar Boulevard and Longview Drive, Golden Springs Drive between Grand Avenue and Avenida Rancheros, and streets within the Gateway Corporate Center.

2. Area 3 CDBG Curb Ramp Improvement Project

Construction for Area 3 ADA Curb Ramp Project is completed. The Notice of Completion was filed and recorded with the County on December 5, 2023.

3. Area 4 CDBG Curb Ramp Improvement Project

The design for this project is currently undergoing review by staff. This initiative aims to enhance approximately ten curb ramps, ensuring ADA compliance on existing sidewalks at various locations where either no curb ramps or substandard curb ramps currently exist. For a visual reference, please consult the attached vicinity map.

4. Grand Avenue and Golden Springs Drive Intersection Improvements

As of this report's preparation date, the contractor is working on completing the paving at the intersection of Grand Ave. & Golden Springs Drive, signifying the conclusion of Phase 5 of the project. This phase encompasses landscaping

enhancements and decorative elements. Currently, staff is compiling a punch-list of items that need correction by the contractor. The overall project is expected to be fully completed by early February 2024.

5. Highway Safety Improvement Program Grant Project

To address improvement opportunities identified by Diamond Bar's Local Road Safety Plan (LRSP), the City secured a \$302,850 grant from the State's Highway Safety Improvement Program (HSIP) Cycle 11, with a 10% local match requirement. This funding will support enhancements such as nearside supplemental traffic signal heads, pedestrian countdown units with Accessible Pedestrian Signal (APS), and high visibility crosswalks re-striping at critical intersections. The proposed plan, covering nine intersections, received approval from Caltrans, with \$27,540 allocated for the Preliminary Engineering (PE)/Design phase. The PE/Design phase, representing the initial planning and design stage, is funded by the HSIP grant and a local match, totaling \$30,600. Following successful completion and approvals, the project will progress to the construction phase, utilizing the remaining balance of \$305,900 from the total project budget. The City's acceptance of the HSIP grant involves executing agreements with Caltrans, and a resolution is recommended to designate the City's Public Works Director/City Engineer as the representative for streamlined grant management and communications. Please refer to the attached Vicinity Map with proposed improvements.

6. SR-57/60 Confluence Improvements Project

Construction is ongoing with both daytime and upcoming nighttime closures on Golden Springs Drive. A westbound day closure is in effect from 8 AM to 5 PM, starting on 1/8/2024 and concluding on 4/1/2024, between Copley Drive and Gateway Center Drive. Detours are directed through the Gateway Plaza, with exclusive access granted only to customers of the Ayers Hotel at the intersection. Additionally, a westbound nighttime closure (just east of Copley Dr.) is scheduled from 7 PM to 7 AM, running from 4/2/2024 through 4/22/2024. Please refer to the attached exhibit for details on the daytime closure.

7. Diamond Bar Boulevard/Mountain Laurel Way Traffic Signal and Intersection Modification

The City implemented a modification on 1/4/2024 by replacing the northbound and southbound protective/permissible left turn signal heads and re-striping the left turn pockets on Diamond Bar Blvd. at Mountain Laurel Way. This modification aims to improve traffic movement at this intersection, particularly during school rush hours. Our staff will closely monitor the intersection over the next couple of weeks and implement any adjustments as deemed necessary.

8. Hawkwood Road Neighborhood Traffic Management Program (NTMP)

Following the installation of striping in late January 2023, as part of a two-phase approach, staff and the City's traffic consultant reviewed traffic counts collected in late August 2023. Given the limited speed reduction along Hawkwood Road, staff recommends progressing to the second phase. This phase entails installing at least three speed cushions with center-line striping and signage. Staff is currently collaborating with the traffic design consultant to determine optimal locations for the speed cushions and additional calming devices. An update on this NTMP project will be provided at a later meeting.

9. Royal Vista Golf Course Redevelopment Project

The County of Los Angeles is actively reviewing a proposed redevelopment of the Royal Vista Golf Course (Project) within the unincorporated community of Rowland Heights, adjacent to the Diamond Bar city limits. The Project seeks to redevelop a portion of the golf course site with new residential housing and open space with a local trail network. A portion of the existing golf course, including the Royal Vista Clubhouse, will remain and is not affected by the proposed redevelopment; however, this remaining site is also being evaluated for future development opportunities separate from the current Project.

The Project is currently in the planning and environmental review phase. To comply with the California Environmental Quality Act (CEQA), LA County's Department of Regional Planning has circulated a draft Environmental Impact Report (EIR) for public review.

The City of Diamond Bar has reviewed the report to learn more about the Project's cumulative impacts on aesthetics, public safety, and traffic and transportation in Diamond Bar. The City's response to the draft EIR documents includes requests for additional clarification about traffic impacts and the Project's proposed mitigation measures. The developer must acknowledge, review, and provide a technical response to the City's feedback in the final EIR.

Completion of the environmental review phase does not guarantee the Project's approval. The Project remains under consideration by the County's Regional Planning Commission and Board of Supervisors to approve the Project and adopt any entitlement conditions.

The City of Diamond Bar will continue to monitor this proposed redevelopment project during the environmental and planning phases.

10. Upcoming Utility Construction Projects

Staff approved plans and issued encroachment permits for several utility improvement projects that have already started or are anticipated to start construction in the coming weeks:

- Southern California Edison – Brea Canyon Road, from Cool Springs Drive to Cold Spring Lane
 - Rule 20A Utility Pole Underground Conversion Project
 - SoCalGas – Glenbrook Drive, Glenthorpe Drive, Glenwold Drive, and Gacel Court
 - Residential Gas Service Mainline Replacement
- SoCalGas – Rapidview Drive at Kelfield Place
 - Residential Gas Service Mainline Replacement
 - Walnut Valley Water District – Diamond Bar Boulevard, from Town Center to Golden Springs Drive
 - Sewer Lateral Connection from Existing Pump Station Facility

Public Works staff is committed to ensuring that all construction impacts are properly mitigated to limit the effect on our community. The City's Public Works Inspector monitors all active utility construction projects to ensure that work is completed per the approved plans and permit conditions.

Following staff's reports and responses to Commissioners' questions and concerns, C/Busteed moved, C/Sulakhe seconded, to receive and file the Updates on Various Projects and Programs. Motion carried by the following Roll Call vote:

AYES:	COMMISSIONERS:	Busteed, Sulakhe, VC/Mehta, Chair/ Plunkett
ABSENT:	COMMISSIONERS:	Morales
NOES:	COMMISSIONERS:	None

IV. STATUS OF PREVIOUS ACTION ITEMS:

PDW/Liu presented information regarding the following items:

Chair Plunkett inquired about the request from our last meeting made by Mr. Plunkett regarding the traffic signal timing on Diamond Bar Boulevard. PWD/Liu reported that the issue had been resolved.

PWD/Liu added an update about the Diamond Bar Golf Course. The golf course work has been completed and will be handed over to L.A. County Parks & Recreation Department for operation and maintenance. The tentative Grand Opening is scheduled for March 2024.No details have been provided for the re-opening event yet.

V. ITEMS FROM COMMISSIONERS:

Chair/Plunkett shared that she encountered an issue with traffic signal timing at the corner of Diamond Bar Boulevard and Crestview Drive. There was no cross traffic; however, the traffic signal was not phasing properly. PWD/Liu replied that staff would look into the matter.

Chair/Plunkett thanked staff for the support during the time she has served as Chair of the Commission.

C/Busteed asked about any updates from the SGV Transit Feasibility Study Meeting of November 19, 2023. PWM/Ghafari responded that a plan was presented regarding an enhanced transit system.

C/Sulakhe thanked staff for the work that was done to implement the protective left turn signals at Diamond Bar Boulevard and Mountain Laurel Way, as well as the Neighborhood Traffic Management Program (NTMP) on Hawkwood Road.

She also expressed concerns regarding the potholes/uneven road conditions at the intersection of Grand Avenue and Golden Springs Road. PWD/Liu responded that punch list items are being finalized, including these concerns. Also, C/Sulakhe asked about the street light pole and high voltage box at the corner of Grand Avenue and Cahill Avenue. It has been a couple of months since the knockdown and the equipment has still not been replaced. MA/Delgado indicated that SCE has still not received the equipment, which is on back order; however, it is expected to arrive within a couple of weeks.

C/Mehta shared that the traffic signal timing at the intersection of Grand Avenue and Longview Drive has improved; however, the phasing could be longer.

VI. SCHEDULE OF FUTURE CITY EVENTS:

As presented in the Agenda.

VII. ADJOURNMENT: There being no further business to come before the Traffic and Transportation Commission, Chair/Plunkett adjourned the meeting at 8:04 p.m. to Thursday, March 14, 2024 at 6:30 p.m.

The foregoing minutes are hereby approved this _____ day of _____, 2024.

Respectfully Submitted,

David G. Liu, Secretary

Attest:

Attachment: T&T Commission Minutes- 01-11-24 (Traffic and Transportation Commission Minutes of January 11, 2024)



TRAFFIC & TRANSPORTATION COMMISSION AGENDA REPORT

CITY OF DIAMOND BAR ~ 21810 COPLEY DRIVE ~ DIAMOND BAR, CA 91765 ~ TEL. (909) 839-7040 ~ FAX (909) 861-3117

AGENDA ITEM NUMBER: **4.A**

MEETING DATE: March 14, 2024

TO: Chair and Members of the Traffic and Transportation Commission

FROM: David G. Liu, Public Works Director/City Engineer

SUBJECT: Traffic Statistics for Decemver 2023 & January 2024

RECOMMENDATION: Receive and File

Attached, for your review, is the Traffic Statistics Report for the months of December 2023 and January 2024, as submitted by the L.A. County Sheriff's Department.

Attachments:

1. Traffic Statistics - December 2023 & January 2024

CITY OF DIAMOND BAR TRAFFIC STATISTICS

DECEMBER 2023 & JANUARY 2024



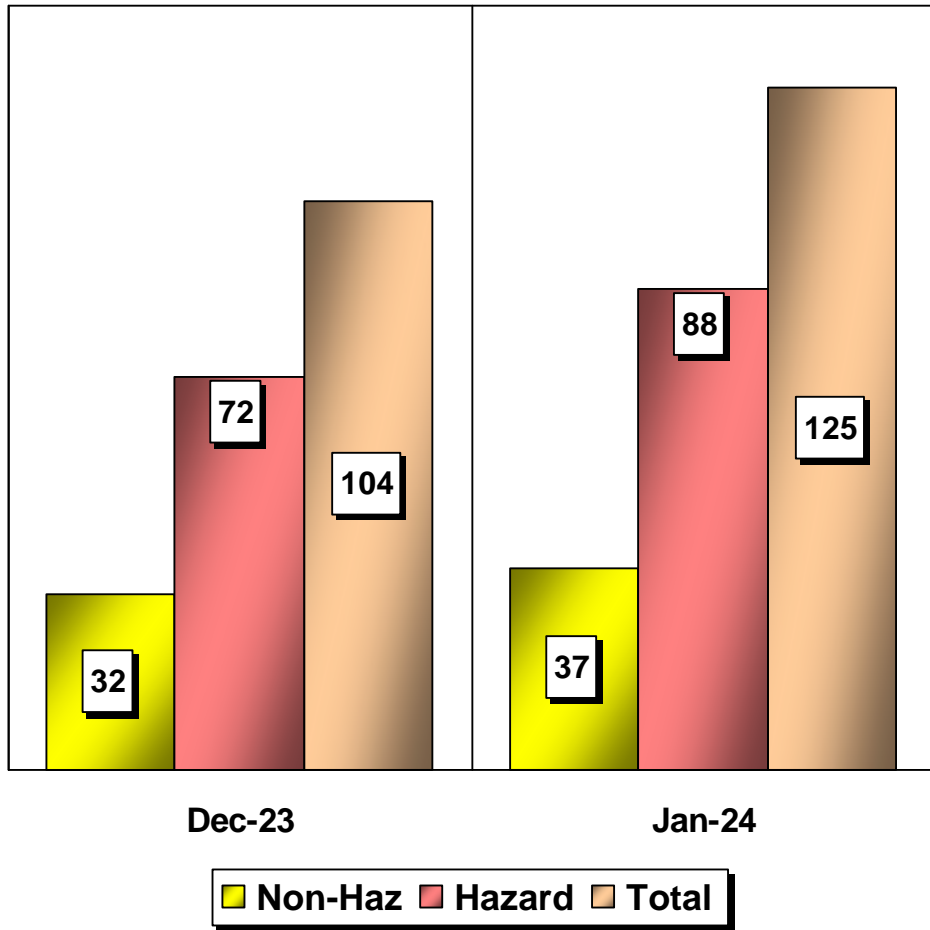
Prepared by:
PUBLIC WORKS DEPARTMENT

Data Provided by:
LOS ANGELES COUNTY SHERIFF'S DEPARTMENT
WALNUT/DIAMOND BAR SHERIFF'S STATION

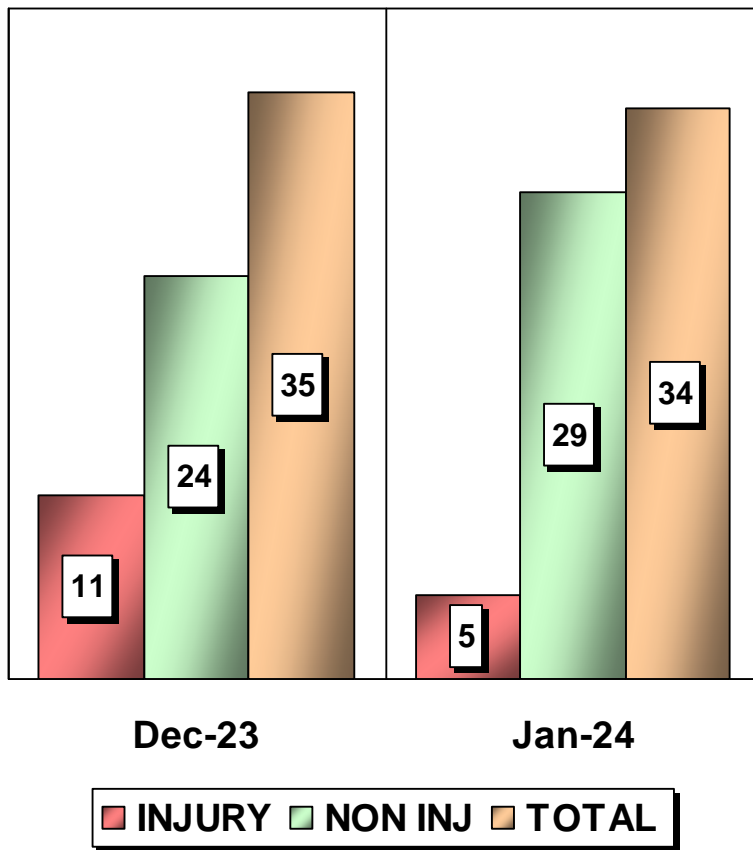
Report Completed:
MARCH 2024

Attachment: Traffic Statistics - December 2023 & January 2024 (Traffic Statistics for December 2023 & January 2024)

CITATIONS



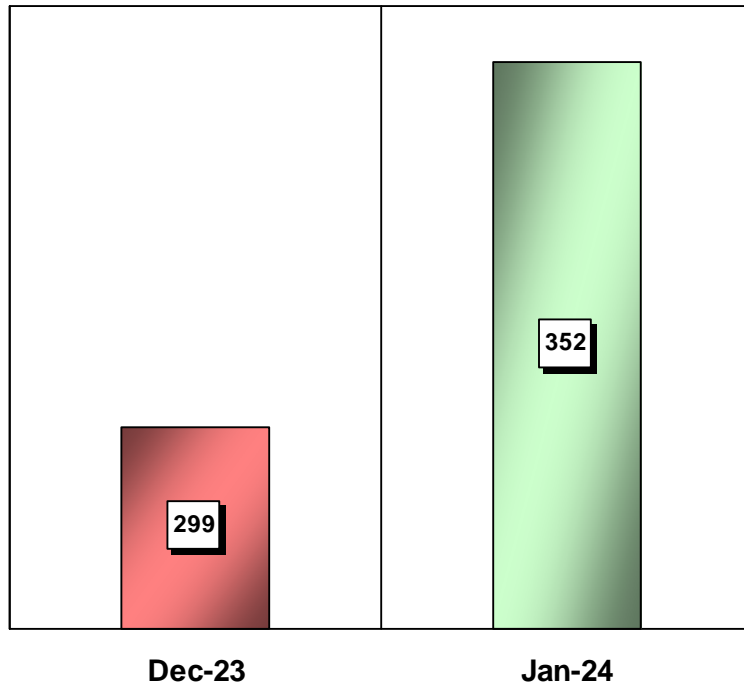
COLLISIONS

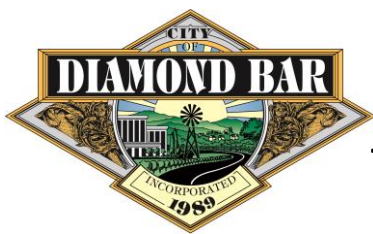


DECEMBER 2023
D.U.I ARREST= 0 D.U.I. COLLISIONS= 0

JANUARY 2024
D.U.I ARREST= 1 D.U.I. COLLISIONS= 0

STREET SWEEPING





TRAFFIC & TRANSPORTATION COMMISSION AGENDA REPORT

CITY OF DIAMOND BAR ~ 21810 COPLEY DRIVE ~ DIAMOND BAR, CA 91765 ~ TEL. (909) 839-7040 ~ FAX (909) 861-3117

AGENDA ITEM NUMBER: **4.B**

MEETING DATE: March 14, 2024

TO: Chair and Members of the Traffic and Transportation Commission

FROM: David G. Liu, Public Works Director/City Engineer

SUBJECT: Updates on Various Projects/Programs

RECOMMENDATION: Receive and File

A. Residential & Collector Streets Rehabilitation (Areas 3) and Arterial Street Rehabilitation Design Project

The design work on this Fiscal Year's pavement rehabilitation project, including residential streets and arterials, has been completed. The Area 3 project is currently in the bidding phase, with bids expected by March 19, 2024, and contract approval slated for the April City Council meeting. Construction, spanning approximately 95 working days, is tentatively scheduled to begin in May. This project involves the removal and repair of isolated damaged Asphalt Concrete (AC) pavement, as well as the application of slurry seal and cape seal, depending on field conditions in residential Area 3. Additionally, it includes the rehabilitation of three arterial sections through grind & overlay AC: Grand Avenue from Diamond Bar Boulevard to Longview Drive, Golden Springs Drive from Grand Avenue to Avenida Rancheros, and streets within the Gateway Corporate Center. Furthermore, two drainage works have been consolidated with the Area 3 pavement project into a single bidding document, which is anticipated to attract favorable bid proposals from numerous qualified contractors.

B. Area 4 CDBG Curb Ramp Improvement Project

The initial design draft for this project has been reviewed by staff, and comments have

been forwarded to the consultant for necessary revisions. Due to budget constraints, the project aims to enhance approximately six (6) curb ramps to ensure ADA compliance on existing sidewalks at various locations where either no curb ramps or substandard curb ramps currently exist (see attached location map). However, if the bid numbers prove favorable, staff may explore the possibility of adding more locations at a later time. The construction is tentatively to begin in May- June 2024.

C. Grand Avenue and Golden Springs Drive Intersection Improvements

The contractor is presently addressing all outstanding punch-list items requiring correction. The City of Industry is undertaking this project. Staff is collaborating with the City of Industry to finalize the closure of this project, which is expected to be completed by the end of March 2024.

D. Highway Safety Improvement Program Grant Project

Staff have received Caltrans's fully executed HSIP agreement, and the City's traffic engineering team is presently engaged in the design phase. The objective is to finalize the design and secure a construction contract before the conclusion of fiscal year 2023-2024. This funding will support enhancements such as nearside supplemental traffic signal heads, pedestrian countdown units with Accessible Pedestrian Signal (APS), and high visibility crosswalks re-striping at nine (9) critical intersections.

E. SR-57/60 Confluence Improvements Project

Closures continue at the Golden Springs Drive/Gateway Center Drive intersection due to ongoing bridge expansion work and sewer excavation in the area. Additionally, day closures at Golden Springs Drive/Copley Drive are slated to continue until April 2024 as planned. Progress on the construction of the SR-60 off-ramp at Grand Avenue aligns with the project schedule, with re-striping efforts underway to facilitate vehicular movements and maintain safety zones for construction workers. Staff are actively collaborating with the contractor and inspectors to minimize traffic impacts and are coordinating with the City's Community Relations team to ensure the public remains informed.

The San Gabriel Valley Council of Governments (SGVCOG) will be hosting a Town Hall meeting on Monday, March 18, 2024, from 6:30 PM to 8:00 PM. The purpose of the meeting is to provide the public with information about the ongoing improvements, what to expect during construction, and future traffic detours from the SR-57/60 Confluence Checkpoint Relief project. The meeting will take place in the Windmill Community Room at City Hall.

F. Hawkwood Road Neighborhood Traffic Management Program (NTMP)

It was proposed that this NTMP be implemented in two phases, with Phase Two pending the collected monitoring results of Phase One. Phase One was implemented

last year. After monitoring the results, staff recommended moving forward with Phase Two. The traffic design consultant has submitted the Phase Two draft plan, which includes three (3) strategically located speed cushions along Hawkwood Road between Bent Wing Lane and Falcon Ridge Road. Additionally, signage, a double yellow centerline, and edge line striping have been proposed for this stretch of Hawkwood Road. Please refer to the attached plan for the exact location of these improvements.

G. Diamond Bar Blvd. Left Turn Signal at Kiowa Crest Update

In 2022, a left turn signal warrant study was conducted at this location, as reported in past meetings. This study was prompted by prior accidents involving left-turn movements and through traffic at this intersection. However, the results did not meet the thresholds required for implementing a protective left-turn signal. Therefore, the final recommendation was to maintain the existing left-turn signal configuration.

Recently, in response to additional reported accidents at this intersection, the City's traffic consultant was tasked with reviewing the nature of these accidents over the past 12 months. The purpose was to determine if any recommendation was necessary to transition to a protective left-turn signal. The results of these additional accidents did not meet the threshold criteria for implementing a protective left-turn signal. As a result, the original recommendation from the 2022 study remains unchanged, and no changes will be made to the current signal phasing.

H. 850 S Brea Canyon Road Offsite Street Improvements

In 2019, the City Council authorized the redevelopment at 850 S Brea Canyon Road. This project includes the construction of a new 4-story medical office building, a hotel, and restaurant facility.

As part of the conditions of approval, the developer is required to improve Brea Canyon Road, from the SR60 westbound ramps to the Lycoming Street intersection. The offsite construction includes new raised medians, widened traffic lane markings, and other adjustments at the signalized intersection to safely accommodate the increased traffic demands from the project site. The final streetscape will also feature decorative elements consistent with the beautification standards.

Construction is anticipated to begin on Monday, March 18th, and should be complete within 3 months. The City's Public Works Department is coordinating this work with the project contractor and Caltrans. The contractor is in the process of notifying adjacent businesses and property owners about the upcoming street work on Brea Canyon Road. The City will provide regular updates about this construction activity via its media channels.

I. Upcoming Utility Construction Projects

Staff approved plans and issued encroachment permits for several utility improvement

projects that have already started or are anticipated to start construction in the coming weeks:

- Charter Communications – Brea Canyon Road, from Cool Springs Drive to Cold Spring Lane
 - Telecommunications Cable Undergrounding Project
- Southern California Edison – Brea Canyon Road, from Cool Springs Drive to Cold Spring Lane
 - Rule 20A Utility Undergrounding Project

Public Works staff is committed to ensuring that all construction impacts are properly mitigated to limit the effect on our community. The City's Public Works Inspector monitors all active utility construction projects to ensure that work is completed per the approved plans and permit conditions.

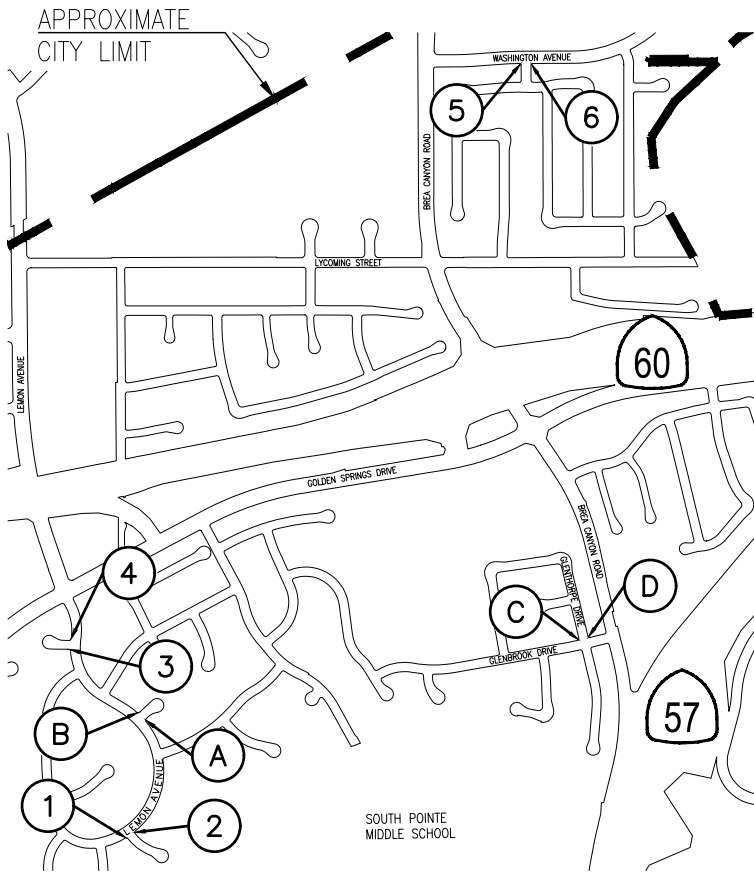
Attachments:

1. Attachment - Area 4 CDBG Location Map

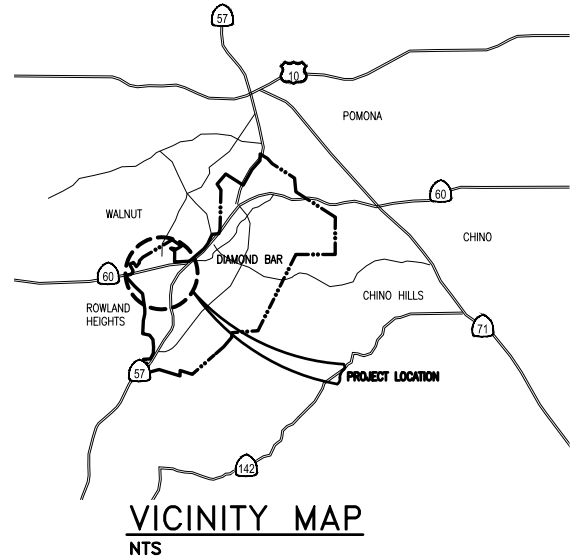


DEPARTMENT OF PUBLIC WORKS
 AREA 4 RESIDENTIAL NEIGHBORHOOD
 ADA CURB RAMP IMPROVEMENT PROJECT

CDBG PROJECT NO. 602604-23
 CIP PROJECT NO. SI24104



LOCATION MAP & CURB RAMP NUMBERS
 NTS



VICINITY MAP
 NTS

SHEET INDEX		
SHEET NO.	SHEET TITLE	CURB RAMP NO.
1	TITLE SHEET	
2	NOTES, LEGEND, ABBREVIATIONS	
3	LEMON AVENUE AND TRUSS COURT (S CORNER)	1
4	LEMON AVENUE AND TRUSS COURT (E CORNER)	2
5	LEMON AVENUE AND CLEARSRING COURT (S CORNER)	3
6	LEMON AVENUE AND CLEARSRING COURT (N CORNER)	4
7	WASHINGTON AVENUE AND WINDWOOD DRIVE (W CORNER)	5
8	WASHINGTON AVENUE AND WINDWOOD DRIVE (E CORNER)	6
9	STRIPING - WASHINGTON AVENUE AND WINDWOOD DRIVE	5 & 6
ALTERNATIVE CURB RAMPS		
10	LEMON AVENUE AND ALDA COURT (E CORNER)	A
11	LEMON AVENUE AND ALDA COURT (W CORNER)	B
12	GLENBROOK DRIVE AND GLENTHORPE DRIVE (W CORNER)	C
13	GLENBROOK DRIVE AND GLENTHORPE DRIVE (E CORNER)	D

Attachment: Attachment - Area 4 CDBG Location Map (Updates on Various Projects/Programs)

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ISSUED FOR BIDS
 DATE: 03-08-24

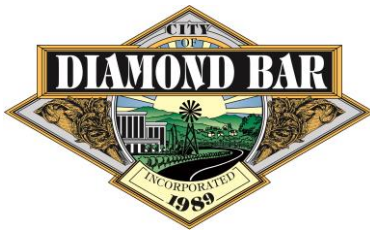


17050 Bushard St.,
 Suite 200
 Fountain Valley, Ca. 92708
 (714) 848-8897

AREA 4 RESIDENTIAL NEIGHBORHOOD
 ADA CURB RAMP IMPROVEMENT PROJECT
 DIAMOND BAR, CA

SHEET
1
 OF 13

CHECKED BY	DATE	DESIGNED	JOB NUMBER	APPROVED	DATE	REVISED	DATE
AJ	12-07-23	PO	742.05.30	JB	12-11-23		



TRAFFIC & TRANSPORTATION COMMISSION AGENDA REPORT

CITY OF DIAMOND BAR ~ 21810 COPLEY DRIVE ~ DIAMOND BAR, CA 91765 ~ TEL. (909) 839-7040 ~ FAX (909) 861-3117

AGENDA ITEM NUMBER: **5.1**

MEETING DATE: March 14, 2024

TO: Chair and Members of the Traffic and Transportation Commission

FROM: David G. Liu, Public Works Director/City Engineer

SUBJECT: Engineering and Traffic Survey - 14 Year Extension

RECOMMENDATION: Receive and File

BACKGROUND/DISCUSSION:

The California Vehicle Code (CVC) Section 22349 establishes maximum speed limits for roadways, requiring deviations to be justified through an Engineering and Traffic Survey (E&TS). The City of Diamond Bar last conducted its E&TS in June 2014, establishing speed limits for thirty-nine (39) roadway segments throughout the City.

Typically, an E&TS is valid for five (5) years under CVC Section 40802, extendable under certain conditions. In March 2019, the City extended the validity of the 2014 E&TS to seven years, further extending it to ten years in June 2021, expiring in June 2024. Assembly Bill No. 43 (AB 43), effective in 2022, permits the extension of E&TS validity to 14 years, subject to evaluation by a registered engineer. To adhere to AB43, the City retained Iteris (City's traffic consultant) to prepare a report outlining the steps to extend the survey's validity to 14 years. Please refer to attachment for details.

Considering the ongoing SR-57/SR-60 Confluence Project, expected to continue for the next four years, and minimal impacts from other developments, extending the validity of the 2014 E&TS to 14 years is recommended. Thus, we propose extending the validity of the 2014 E&TS through June 2028 as provided for by AB 43. Additionally, we recommend monitoring the SR-57/SR-60 Confluence Project's progress and its impact

on traffic volumes and collision data, and completing and adopting a Citywide speed survey at that time.

RECOMMENDATION:

It is recommended that the Traffic and Transportation Commission receive and file the memorandum with the attached Report.

Attachments:

1. Engineering & Traffic Survey Extension Report - As Submitted by Iteris



949.270.9400
iteris.com

1700 Carnegie Avenue, Suite 100
Santa Ana, CA 92705

February 9, 2024

Mr. Christian Malpica
Associate Engineer
Public Works/Engineering Department
City of Diamond Bar
21810 Copley Drive
Diamond Bar, CA 91765

RE: Validity Extension of the 2014 Citywide Engineering and Traffic Survey through June 2028

Dear Mr. Malpica,

The California Vehicle Code (CVC) Section 22349 establishes the maximum speed limits for all California roadways at 55 mph for two-lane undivided roadways and 65 mph for all other roadways. Any deviation of speed limits above or below these limits must be justified by an Engineering and Traffic Survey (E&TS). The City of Diamond Bar conducted its last E&TS in June 2014 setting the speed limits on the thirty-nine (39) roadway segments within the City.

The E&TS is typically valid for five (5) years. However, under specific conditions stated in CVC Section 40802, the validity of an E&TS may be extended for seven (7) to ten (10) years. The conditions for the validity extensions are as follows:

Seven (7) year validity:

- The citing officer has successfully completed a minimum of 24 hours of certified radar operator course training.
- The radar used to measure the speeds meet or exceed the minimal operation standards of the National Traffic Highway Safety Administration and has been calibrated within three (3) years of the alleged violation.

Ten (10) year validity:

- A registered engineer determines that the seven (7) year conditions are met and that no significant changes in roadway or traffic conditions have occurred, including major changes in adjacent property or land use, roadway width, or traffic volume.

In March 2019, the City extended the validity of the 2014 E&TS to seven years, expiring June 2021. In June 2021, the validity was extended to 10 years, expiring in June 2024.

Given the ongoing construction efforts related to the SR-57/SR-60 confluence project, anticipated to take about another four years, the City wishes to extend the validity of the 2014 E&TS to 14 years as provided for by the newly adopted Assembly Bill No. 43 (AB 43). The bill, approved by the Governor in 2021 and took effect in 2022, amended and added sections to the CVC and the latest version of the California Manual on Uniform Traffic Control Devices (CA MUTCD) related to traffic safety and speed limits.

February 9, 2024

Validity Extension of the 2014 Citywide Engineering and Traffic Survey through June 2028

Following are the relevant key highlights of AB 43:

- The bill would extend the period that a speed limit justified by a traffic and engineering survey conducted more than 7 years ago remains valid, for purposes of speed enforcement, if evaluated by a registered engineer, as specified, to 14 years.
- SEC .10, 40802 (2) (B)(II): "If an engineering and traffic survey was conducted more than seven years prior to the date of the alleged violation, and a registered engineer evaluates the section of the highway and determines that no significant changes in roadway or traffic conditions have occurred, including, but not limited to, changes in adjoining property or land use, roadway width, or traffic volume, 14 years."

As confirmed by City staff, the following construction developments are ongoing or completed since the adoption of the 2014 E&TS:

- SR-57/SR-60 Confluence Project (ongoing) is a three-phase improvement program including ramp and interchange reconfigurations. Completed improvements include the interchange ramp modifications and interim operational improvements to the Grand Avenue interchange. The project also constructed a westbound right-turn lane at the Grand Ave/Golden Springs Dr intersection in early 2023. As stated above, construction activities associated with the final phase will take another four years to complete.
- SR-60/Lemon Avenue Interchange Project (completed 2018) constructed new interchange ramps at Lemon Avenue and closed the Brea Canyon Road interchange ramps.
- Willow Heights Residential Project (completed 2016) constructed 182 single-family condominiums/townhomes along Diamond Bar Boulevard east of Brea Canyon Road. A new signal at Diamond Bar Boulevard/Willow Heights Drive was also constructed.
- The Brea Canyon Business Center located at 850 S. Brea Canyon Road is under construction along the NE corner of the SR-60/Brea Canyon Road interchange. The development will include medical offices and hotel facilities.
- A residential development of about five to seven dwelling units is proposed at the southern terminus of Crooked Creek Drive located south of Diamond Bar Boulevard east of the SR-57 freeway.


The above-listed developments, apart from the SR-57/SR-60 Confluence Project, have all resulted in very insignificant impacts on the existing roadway system and the traffic volumes. With the ongoing SR-57/SR-60 Confluence Project anticipated to extend for the next four years, traffic volumes and patterns will continue to vary on the City's local roadways. Based on this, we recommend the extension of the validity of the 2014 E&TS to 14 years, to expire by June 2028, as provided for by AB 43. We do recommend monitoring the progress of the SR-57/SR-60 Confluence Project and its effects on the traffic volumes and collision data. The next Citywide speed survey should be completed and adopted prior to June 2028.

Feel free to contact me at (949) 270-9579 or at JMcNeill@iteris.com for any questions.

February 9, 2024

Validity Extension of the 2014 Citywide Engineering and Traffic Survey through June 2028

Sincerely,
Iteris, Inc.


Joshua McNeill, PE, TE
Traffic Engineer, TR 2792

Enclosures:

1. City Council Adoption - 2014 Engineering and Traffic Survey Report
2. 2014 E&TS Seven-Year and Ten-Year Validity Extensions