# THE BOARD OF SUPERVISORS OF THE COUNTY OF STANISLAUS BOARD ACTION SUMMARY

BOARD AGENDA #: DEPT: Planning and Community Development 9:05 a.m.

AGENDA DATE: August 23, 2016

# SUBJECT:

Public Hearing to Consider the Planning Commission's Recommendation for Approval of Williamson Act Contract Cancellation, General Plan Amendment and Rezone Application No. PLN2016-0013, Findlay Automotive Group, a Request to Cancel a Portion of Williamson Act Contract No. 75-2013 on a 0.71 Acre Parcel, Amend the General Plan Designation on a 9.42 Acre Parcel from Urban Transition to Planned Development (PD), and Rezone Four Parcels Totaling 11.06± Acres from A-2-10 (General Agriculture) and PD 143 to a New PD Zone to Allow Development of an Auto Dealership, Located at the Southwest Corner of Pelandale and McHenry Avenues, in the Modesto Area; and Adoption of a Negative Declaration

# **BOARD ACTION AS FOLLOWS:**

No. 2016-439

| On motion of Supervisor _ Withrow     | , Seconded by Supervisor <u>_DeMartini</u> |
|---------------------------------------|--|
| and approved by the following vote,   |  |
| Ayes: Supervisors: O'Brien, Chiesa, V | Vithrow, DeMartini, and Chairman Monteith  |
| Noes: Supervisors: No                 | ne   |
| Excused or Absent: Supervisors: No    | ne   |
| Abstaining: Supervisor: No            | ne   |
| 1) X Approved as recommended          | ed .                                       |
| 2) Denied                             |  |
| 3) Approved as amended                |  |
| 4) Other:                             |  |
| MOTION:                               |  |

## INTRODUCED, WAIVED THE READING, AND ADOPTED ORDINANCE\_C.S. 1173

TH A. KING. Clerk of the Beard of Supervisors

# THE BOARD OF SUPERVISORS OF THE COUNTY OF STANISLAUS AGENDA ITEM

| DEPT:  | : Planning and Community Development |         | BOARD AGENDA #: 9:05 a.m. |                    | m.          |      |
|--------|--------------------------------------|---------|---------------------------|--------------------|-------------|------|
|        | Urgent O                             | Routine | i Cz                      | AGENDA DATE: _A    | ugust 23, 2 | 2016 |
| CEO CO | ONCURRENCE:                          |         | hr                        | 4/5 Vote Required: | Yes O       | No 🖲 |

# SUBJECT:

Public Hearing to Consider the Planning Commission's Recommendation for Approval of Williamson Act Contract Cancellation, General Plan Amendment and Rezone Application No. PLN2016-0013, Findlay Automotive Group, a Request to Cancel a Portion of Williamson Act Contract No. 75-2013 on a 0.71 Acre Parcel, Amend the General Plan Designation on a 9.42 Acre Parcel from Urban Transition to Planned Development (PD), and Rezone Four Parcels Totaling 11.06± Acres from A-2-10 (General Agriculture) and PD 143 to a New PD Zone to Allow Development of an Auto Dealership, Located at the Southwest Corner of Pelandale and McHenry Avenues, in the Modesto Area; and Adoption of a Negative Declaration

# PLANNING COMMISSION AND STAFF RECOMMENDATIONS:

- 1. Conduct a Public Hearing to consider the Planning Commission's recommendation for approval of Williamson Act Contract Cancellation, General Plan Amendment and Rezone Application No. PLN2016-0013, Findlay Automotive Group, a request to cancel a portion of Williamson Act Contract No. 75-2013 on a 0.71 acre parcel, amend the General Plan designation on a 9.42 acre parcel from Urban Transition to Planned Development (PD), and rezone four parcels totaling 11.06± acres from A-2-10 (General Agriculture) and PD 143 to a new PD zone to allow development of an auto dealership, located at the southwest corner of Pelandale and McHenry Avenues, in the Modesto area.
- 2. Adopt the Negative Declaration pursuant to California Environmental Quality Act (CEQA) Guidelines Section 15074(b), by finding that on the basis of the whole record, including the Initial Study and any comments received, that there is no substantial evidence the project will have a significant effect on the environment and that the Negative Declaration reflects Stanislaus County's independent judgment and analysis.
- 3. Order the filing of a Notice of Determination with the Stanislaus County Clerk Recorder pursuant to Public Resources Code Section 21152 and CEQA Guidelines Section 15075.
- 4. Find, based on the discussion in this report and the whole of the record that:
  - a. The cancellation is consistent with the purposes of the Williamson Act.
  - b. The cancellation is for land on which a notice of nonrenewal has been served pursuant to California Government Code Section 51245.
  - c. The cancellation is not likely to result in the removal of adjacent lands from agricultural use.
  - d. The cancellation is for an alternative use which is consistent with the applicable provisions of the county general plan.

- e. The cancellation will not result in discontiguous patterns of urban development.
- f. There is no proximate non-contracted land which is available and suitable for the use to which it is proposed the contracted land be put, or, that development of the contracted land would provide more contiguous patterns of urban development than development of proximate non-contracted land.
- g. The cancellation is in the public interest.
- h. Other public concerns substantially outweigh the objectives of the Williamson Act.
- 5. Accept the cancellation value of the subject property as \$278,000 as determined by the County Assessor.
- 6. Certify to the County Auditor-Controller that the cancellation fee, which must be paid as deferred taxes, is an amount equal to 12 ½% of the cancellation value, or a total of thirty-four thousand seven hundred and fifty dollars (\$34,750).
- 7. Approve the tentative cancellation of a portion of Williamson Act Contract No. 75-2013 subject to payment of the cancellation fee. Unless the fee is paid within one year of the filing of the Certificate of Tentative Cancellation, the fee shall be re-computed as provided by State law.
- 8. Direct the Clerk of the Board to record a Certificate of Tentative Cancellation within 30 days of this action.
- 9. Direct the Clerk of the Board, within 30 days of the Board action, to publish the Notice of the Decision and to deliver a copy of the published Notice of the Decision to the Director of the Department of Conservation (DOC).
- 10. Find That:
  - A. The General Plan amendment will maintain a logical land use pattern without detriment to existing and planned land uses.
  - B. The County and other affected government agencies will be able to maintain levels of service consistent with the ability of the government agencies to provide a reasonable level of service.
  - C. The amendment is consistent with the General Plan goals and policies.

- 11. Find that the proposed Planned Development zoning is consistent with the Planned Development General Plan designation.
- 12. Find that the project will increase activities in and around the project area, and increase demands for roads and services, thereby requiring dedication and improvement.
- 13. Approve General Plan Amendment and Rezone Application No. PLN2016-0013, Findlay Automotive Group, subject to completion of the Williamson Act Contract Cancellation, and subject to the modified Development Standards, as recommended by the Planning Commission.
- 14. Introduce, waive the reading, and adopt an ordinance for the approved Rezone Application No. PLN2016-0013, Findlay Automotive Group.

# DISCUSSION:

This is a request to cancel a portion of Williamson Act Contract No. 75-2013 on a 0.71 acre parcel, amend the General Plan designation on a 9.42 acre parcel from Urban Transition to Planned Development (PD), and rezone four parcels totaling 11.06± acres from A-2-10 (General Agriculture) and PD-143 to a new PD zone to allow development of an auto dealership. The project includes the construction of an 11,620 square foot automotive sales building, a 13,700 square foot auto service building, and the abandonment of Wells Avenue east of Detroit Lane. The portion of the project site west of the proposed Detroit Avenue extension will be utilized for overflow and employee parking associated with the auto dealership. Parking, landscaping, and stormwater retention will be accommodated on site.

Proposed vehicular access includes two driveways off of Detroit Lane, with right-turn only access onto Pelandale Avenue, and one driveway off of McHenry Avenue, adjacent to the site's southern property line. Detroit Lane/"Future" Road, as shown on the project site plan, will be dedicated to Stanislaus County and a portion constructed to City of Modesto standards. Likewise, a deceleration lane from Pelandale Avenue to Detroit Lane will be designed by the applicant and implemented by the City of Modesto.

The dealership's sales department will operate seven days a week from 9:00 a.m. to 9:00 p.m., while the parts and service department will operate 7:00 a.m. to 6:00 p.m., Monday through Saturday. The applicant anticipates 65 employees on a maximum shift, 20± customers, and 10 truck loadings/deliveries per day. Development will occur in one phase, with construction of the buildings and development of parking areas on both sides of Detroit Lane, proposed to begin between 2016 and 2019 (See Attachment 2 – Planning Commission Staff Report, July 21, 2016).

As reflected in the July 21, 2016, Planning Commission staff report, the project requires a lot line adjustment to move the property line between a homesite parcel located at 342 Wells Avenue and the northwest corner of the project site. Currently, the property line bisects the homesite's garage and, as such, must be moved 45 feet south to avoid creating a split-zoned homesite property. The new project site dimensions are reflected correctly on the project site plan and sectional district map, in accordance with the proposed lot line adjustment application.

The project site is within the City of Modesto's Local Agency Formation Commission's (LAFCO) adopted Sphere of Influence, and as per County General Plan Policy, will be developed to city development standards, including connection to public water. The site will be allowed to utilize on-site septic until a public system is available to serve the site. Stormwater run-off generated from this development will be retained on-site utilizing the proposed stormwater basin adjacent to the Hetch-Hetchy Aqueduct right-of-way.

Surrounding land uses consist of light industrial and commercial uses to the north; McHenry Avenue (State Route 108), and car dealership to the east; a retail store, the Hetch-Hetchy Aqueduct, and a mobile home park to the south; and a single-family dwelling, vacant land, and mini storage to the west. The project site is one of the last parcels, south of Pelandale Avenue and within the City's Sphere of Influence, to be developed.

On July 21, 2016, the Planning Commission held a public hearing to consider the application. A memo to the Planning Commission was presented by staff to address amendments to the development standards requested by the applicant (See Attachment 1 - Planning Commission Memo, July 21, 2016). There was no one that spoke in opposition of the project. Dave Romano of Newman-Romano Consulting spoke in favor of the project. On a 6-0 vote, the Planning Commission recommended that the Board of Supervisors approve the request as proposed, including the amended development standards.

On August 12, 2016, the Assessor's Office provided a revised cancellation valuation of the 0.71 acre property currently enrolled under Williamson Act Contract No. 75-2013. Review of the initial appraisal, at the property owner's request, resulted in the discovery of new information which reduced the current fair market value of the land, free of contractual restriction, from \$450,000 to \$278,000. If approved, the applicant will pay a cancellation fee in the amount of \$34,750, based on the reassessed current fair market value of the land. This fee is an amount equal to  $12\frac{1}{2}\%$  of the cancellation valuation of the property. (See Attachment 4 - Assessor's Office Cancellation Valuation Letter, dated August 12, 2016).

The site currently has two General Plan Designations, Planned Development and Urban Transition. The remaining balance of the project site, 9.42 acres, is designated as Urban Transition. The intent of the Urban Transition designation is to ensure that land remains in agricultural usage until urban development consistent with a city's general plan designation is

approved. The appropriate zoning to be prescribed for the Urban Transition designation is General Agriculture or Planned Development. Staff believes that the proposed development is consistent with the proposed Planned Development General Plan Designation. Additional discussion of General Plan consistency is further articulated in the attached July 21, 2016, Planning Commission Staff Report.

# POLICY ISSUE:

The General Plan Land Use Element encourages fostering stable economic growth through appropriate land use policy promoting diversification and growth of the local economy.

## FISCAL IMPACT:

In accordance with the adopted Department of Planning and Community Development Fee Schedule, this project is subject to payment of "actual cost" for processing. All costs associated with this project have been paid by the applicant and there is no general fund cost impact. Future retail sales will generate sales tax revenue that will be part of the County's discretionary revenue in addition to any impact fees that must be paid.

## **BOARD OF SUPERVISORS' PRIORITY:**

The proposed rezone furthers the Board's priorities of a Well Planned Infrastructure System and A Strong Local Economy by providing a land use determination consistent with the overall goals and policies of the Stanislaus County General Plan.

### **STAFFING IMPACT:**

Planning and Community Development Department staff is responsible for preparing all reports and attending meetings associated with the proposed rezone application.

#### CONTACT PERSON:

Angela Freitas, Planning & Community Development Director Telephone: (209) 525-6330

## ATTACHMENTS:

- 1. Planning Commission Memo, July 21, 2016
- 2. Planning Commission Staff Report, July 21, 2016
- 3. Planning Commission Minutes, July 21, 2016
- 4. Assessor's Office Cancellation Valuation Letter, dated August 12, 2016
- 5. Draft Ordinance and Sectional District Map

# Attachment 1

#### DEPARTMENT OF PLANNING AND COMMUNITY DEVELOPMENT

Stanislaus County

1010 10<sup>th</sup> Street, Suite 3400, Modesto, CA 95354 Phone: 209.525.6330 Fax: 209.525.5911

July 21, 2016

- MEMO TO: Stanislaus County Planning Commission
- FROM: Department of Planning and Community Development

#### SUBJECT: WILLIAMSON ACT CANCELLATION, GENERAL PLAN AMENDMENT, AND REZONE APPLICATION NO. PLN2016-0013 - FINDLAY AUTOMOTIVE GROUP

At the applicant's request to modify the project's Detroit Lane driveway setback requirements and road improvement triggers, staff is proposing the following amendments to the project Development Standards (changes are indicated in strike out and **bold**):

- 16. Road right-of-way shall be deeded to Stanislaus County or the City of Modesto by road easement to provide for:
  - a. 55 feet of right-of-way west of the centerline of McHenry Avenue, or as required to comply with Caltrans requirements for State Route 108 along the frontages of the parcel. The road easement shall be offered to the City of Modesto;
  - b. The City of Modesto is asking for a deceleration lane along Pelandale Avenue to Detroit Lane that shall be designed per the California Highway Design Manual and current City of Modesto Standards. If any additional right-of-way is required, it shall be provided as a road easement to the City of Modesto;
  - c. Prior to the issuance of a building permit, Detroit Lane and the "Future" Road shall be 60-feet wide and provide enough length to allow for a driveway a minimum of 350230-feet away from the Pelandale Avenue/Detroit Lane intersection. This road easement shall be offered to Stanislaus County.
- 27. An acceptable financial guarantee for the road improvements for Detroit Lane and Pelandale Avenue shall be provided to the Department of Public Works prior to the issuance of any building, grading or encroachment permit an occupancy permit or a final inspection on any building permit. This may be deferred if the work in the right-of-way is done prior to the issuance of an occupancy permit or final inspection on any any grading or building permit on the project site.
- 54. The proposed driveway along Detroit Lane shall be a minimum of <del>350</del> **230** feet away from the Pelandale Avenue/Detroit Lane intersection<del>, as per City standards</del>.

Stanislaus County Public Works recommended modifications to the development standards is attached for your review. Planning staff confirmed that the applicant's recommended changes to development standard No. 54 were acceptable to the City of Modesto.

WAC GPA REZ PLN2016-0013 Planning Commission Memo July 21, 2016 Page 2

#### RECOMMENDATION

Staff recommends the Planning Commission recommend that the Board of Supervisors approve this project as outlined in the July 21, 2016, Planning Commission Staff Report with amended Development Standards as proposed in this memo.

Attachments:

Attachment A: Stanislaus County Public Works Department memo dated July 20, 2016.



## DEPARTMENT OF PUBLIC WORKS

Matt Machado, PE, LS Director, County Surveyor

Chris Brady, PE Deputy Director - Design/Survey/Fleet Maintenance

David Leamon, PE Deputy Director - Construction Administration/Operations

> Andrew Malizia, PE Supervisor - Development/Traffic

July 20, 2016

Kathy Johnson Assistant Director - Finance/GIS/HR/Transit

www.stancounty.com/publicworks

| Го:   | Rachel Wyse, Associate Planner, Planning and Community Development |
|-------|--|
| From: | Angie Halverson, Senior Land Development Coordinator               |
|       |  |

Subject: PLN 2016-0013 Findlay Automotive Group - Rezone and General Plan Amendment

Public Works has discussed the General Plan Update and Rezone PLN2016-0013 Findlay Automotive Group with the project representative. At this time, Public Works requests to update development standards #16 and #27 to state the following:

16. Road right-of-way shall be deeded to Stanislaus County or the City of Modesto by road easement to provide for:

- a. 55 feet of right-of-way west of the centerline of McHenry Avenue, or as required to comply with Caltrans requirements for State Route 108 along the frontages of the parcel. The road easement shall be offered to the City of Modesto;
- b. The City of Modesto is asking for a deceleration lane along Pelandale Avenue to Detroit Lane that shall be designed per the California Highway Design Manual and current City of Modesto Standards. If any additional right-of-way is required, it shall be provided as a road easement to the City of Modesto;
- c. Prior to the issuance of a building permit, Detroit Lane and the "Future" Road shall be 60-feet wide and provide enough length to allow for a driveway a minimum of 230-feet away from the Pelandale Avenue/Detroit Lane intersection. This road easement shall be offered to Stanislaus County.
- 27. An acceptable financial guarantee for the road improvements for Detroit Lane and Pelandale Avenue shall be provided to the Department of Public Works prior to the issuance of an occupancy permit or final inspection on any building permit. This may be deferred if the work in the right-of-way is done prior to the issuance of an occupancy permit or final inspection of any building permit on the project site.

#### ATTACHMENT 1

Main Office: 1716 Morgan Road, Modesto CA 95358 • Phone: 209.525.4130 • Development Services & Transit: 1010 10th Street, Suite 4204, Modesto CA 95354

STRIVING TO BE THE BEST COUNTY IN AMERICA

ATTACHMENT A

# Attachment 2

# STANISLAUS COUNTY PLANNING COMMISSION

July 21, 2016

# STAFF REPORT

#### WILLIAMSON ACT CANCELLATION, GENERAL PLAN AMENDMENT, AND REZONE APPLICATION NO. PLN2016-0013 FINDLAY AUTOMOTIVE GROUP

#### REQUEST: TO CANCEL A PORTION OF WILLIAMSON ACT CONTRACT NO. 75-2013 ON A .71 ACRE PARCEL, AMEND THE GENERAL PLAN DESIGNATION ON A 9.42 ACRE PARCEL FROM URBAN TRANSITION TO PLANNED DEVELOPMENT (PD), AND REZONE FOUR PARCELS TOTALING 11.06 ACRES FROM A-2-10 (GENERAL AGRICULTURE) AND PD-143 TO A NEW PD ZONE TO ALLOW DEVELOPMENT OF AN AUTO DEALERSHIP.

#### **APPLICATION INFORMATION**

| Property Owner:<br>Applicant:<br>Agent:<br>Engineer:<br>Location: | Burchell Nursery, Inc.<br>Findlay Automotive Group, Inc.<br>Dave Romano, Newman-Romano Consulting<br>Jim Freitaş, Associated Engineering Group<br>4761 McHenry Avenue; southwest corner of<br>Pelandale and McHenry (State Route 108)<br>Avenues, north of the City of Modesto |
|---|--|
| Section, Township, Range:   | 5-3-9  |
| Supervisorial District:   | Four (Supervisor Monteith)   |
| Assessor's Parcel:  | 046-008-024, 046-008-016, 046-005-010, 046-005-014   |
| Referrals:  | See Exhibit L  |
|   | Environmental Review Referrals   |
| Area of Parcel(s):  | 11.06± Acres   |
| Water Supply:   | City of Modesto  |
| Sewage Disposal:  | Septic System  |
| Existing Zoning:  | A-2-10 (General Agriculture) & PD-143 (Planned Development)  |
| General Plan Designation:   | Urban Transition & Planned Development   |
| Sphere of Influence:  | City of Modesto  |
| Community Plan Designation:                                       | Not Applicable   |
| Williamson Act Contract No.:                                      | 75-2013  |
| Environmental Review:   | Negative Declaration   |
| Present Land Use:   | Vacant   |
| Surrounding Land Use:   | Light industrial and commercial uses to the<br>north; a car dealership to the east; a retail<br>store, the Hetch-Hetchy Aqueduct, and a<br>mobile home park to the south; and a single-<br>family dwelling, vacant land, and mini storage<br>to the west.                      |

#### RECOMMENDATION

Staff recommends the Planning Commission recommend that the Board of Supervisors approve this request based on the discussion below and on the whole of the record provided to the County. If the Planning Commission decides to recommend approval of this project, Exhibit A provides an overview of all the findings required for project approval.

#### **PROJECT DESCRIPTION**

This is a request to cancel a portion of Williamson Act Contract No. 75-2013 on a .71 acre parcel, amend the General Plan designation on a 9.42 acre parcel from Urban Transition to Planned Development (PD), and rezone four parcels totaling 11.06± acres from A-2-10 (General Agriculture) and PD-143 to a new PD zone to allow development of an auto dealership. The project includes the construction of an 11,620 square foot automotive sales building, a 13,700 square foot auto service building, and the abandonment of Wells Avenue east of Detroit Lane. The portion of the project site west of the proposed Detroit Avenue extension will be utilized for overflow and employee parking associated with the auto dealership. Parking, landscaping, and stormwater retention will be accommodated on site. (See Exhibit B – Maps, Site Plan and Conceptual Elevations).

Proposed vehicular access includes two driveways off of Detroit Lane, with right-turn only access onto Pelandale Avenue, and one driveway off of McHenry Avenue, adjacent to the site's southern property line. Detroit Lane/"Future" Road, as shown on the project site plan, will be dedicated to Stanislaus County and a portion constructed to City of Modesto standards. Likewise, a deceleration lane from Pelandale Avenue to Detroit Lane will be designed by the applicant and implemented by the City of Modesto. (See Exhibit C – Development Standards).

The dealership's sales department will operate seven days a week from 9:00 a.m. to 9:00 p.m., while the parts and service department will operate 7:00 a.m. to 6:00 p.m. Monday thru Saturday. The applicant anticipates 65 employees on a maximum shift,  $20\pm$  customers, and 10 truck loadings/deliveries per day. Development will occur in one phase, with construction of the buildings and development of parking areas on both sides of Detroit Lane, proposed to begin between 2016 and 2019 (See Exhibit D – Applicant's Project Description and Development Schedule).

The project site is within the City of Modesto's Local Agency Formation Commission's (LAFCO) adopted Sphere of Influence, and as per County General Plan Policy, will be developed to city development standards, including connection to public water. The site will be allowed to utilize onsite septic until a public system is available to serve the site. Stormwater run-off generated from this development will be retained on-site utilizing the proposed stormwater basin adjacent to the Hetch-Hetchy Aqueduct right-of-way.

#### SITE DESCRIPTION

The site is located at 4701 McHenry Avenue (State Route 108), at the southwest corner of Pelandale and McHenry Avenues, north of the City of Modesto and lying within the City's LAFCO adopted Sphere of Influence. The project site is improved with a metal shop building with driveway access off of Wells Avenue and McHenry Avenue. Currently the pool and garage, accessory to the single-family dwelling located at 342 Wells Avenue (APN: 046-005-015), encroach into the area reserved for future overflow/employee parking. The initial site plan has been modified to reflect a proposed lot line adjustment further discussed in the Issues section of this staff report. Exhibit B maps incorrectly show the project site as including the mini-storage office to the northwest of the project site. The correct property boundary areas are reflected in the "Site After Lot line Adjustment/Merger" map and the project site plan. (See Exhibit B – Maps, Site Plan and Conceptual Elevations).

Surrounding land uses consist of light industrial and commercial uses to the north; McHenry Avenue (SR 108), and car dealership to the east; a retail store, the Hetch-Hetchy Aqueduct, and a mobile home park to the south; and a single-family dwelling, vacant land, and mini storage to the west. The project site is one of the last parcels, south of Pelandale Avenue and within the City's Sphere of Influence, to be developed.

#### **ISSUES**

This section provides a discussion of issues identified during project review. Staff has evaluated these issues and provides the following comments:

#### **Project Site**

The pool and garage accessory to the single-family dwelling located at 342 Wells Avenue (APN: 046-005-015) is currently located on the project site's northwestern corner. A lot line adjustment is required to address this issue and will be processed under separate application. The site plan has been modified to reflect the project site and home site after lot line adjustment so as to avoid creating a split-zoned property as a result of this project. Also, the project site consists of four parcels and a portion of Wells Avenue. Prior to issuance of a building permit for development of the proposed auto dealership, a merger or lot line adjustment application will need to be submitted, and approved by staff, to address any interior lot lines that encroach into required setback areas. Development Standards have been added to address these issues. (See Exhibit C – Development Standards).

#### Local Agency Formation Commission (LAFCO)

As part of the project development, the applicant will extend and connect to an existing City of Modesto water line. Correspondence received from the City of Modesto affirms that the City has capacity, will permit a connection to their water main, and ultimately serve the site with water. Although the applicant is proposing to utilize a septic system, sewer is available 1,425 feet south, near the McHenry Avenue and Coralwood Drive intersection. Because of the distance, neither the City nor County is requiring the applicant to extend the sewer main to the site, at this time. The site is outside the City's water/sewer service boundaries and, as such, is subject to LAFCO approval for an Out-of-Boundary Service application. Development Standards have been placed on the project to insure these requirements are met. (See Exhibit C – Development Standards).

#### City of Modesto

The Stanislaus County General Plan Sphere of Influence policy states, that development, other than agricultural uses and churches, which requires discretionary approval from incorporated cities, shall be referred to that city for preliminary approval. The project shall not be approved by the County unless written communication is received from the city memorializing their approval. If approved by the city, the city should specify what conditions are necessary to ensure that development will comply with city development standards. Requested conditions for such things as sewer service in an area where none is available shall not be imposed. Approval from a city does not preclude the County decision-making body from exercising discretion, and it may either approve or deny the project.

The applicant met with the City of Modesto prior to applying to amend the General Plan and rezone this site. The project was referred to the City of Modesto, which responded that the City's General Plan designates this site as Regional Commercial, which would allow an automotive dealership. The City supports the proposed use of this site and has provided conditions which have been added to the project's Development Standards. Furthermore, the City supports the proposed right-turn only

access to Pelandale Avenue, via the Detroit Avenue extension, provided the City of Modesto adds a deceleration lane on Pelandale Avenue based on the applicant's required redesign of existing right-of-way, and right-turn only access off of McHenry Avenue provided reciprocal access between the project site and the (retail store) parcel directly south is provided. (See Exhibit C – Development Standards).

#### WILLIAMSON ACT CANCELLATION

The project site includes four parcels; however, only the 0.71 acre parcel is currently enrolled in a Williamson Act Contract (No. 75-2013). In addition to the .71 acre parcel, Contract No. 75-2013 originally covered the .14 and 9.42 acre parcels that are part of the project site. (See Exhibit B - Maps, Site Plan and Conceptual Elevations). A notice of non-renewal was filed on the .71 acre parcel on May 2, 2016, as a part of this project. Previously, a notice of non-renewal covering the other two parcels was filed and, as such, that portion of the Contract expired on December 31, 2015.

Prior to any action by the Board giving tentative approval to the cancellation of any contract, the Stanislaus County Assessor shall determine the current fair market value of the land as though it were free of the contractual restriction and shall certify to the Board the cancellation valuation of the land for the purpose of determining the cancellation fee. That fee shall be an amount equal to 12  $\frac{1}{2}$ % of the cancellation valuation of the property. The Stanislaus County Assessor's Office determined the current fair market value of the land, free of contractual restriction, to be \$450,000. If approved, the applicant will pay a cancellation fee in the amount of \$56,250, based on the current fair market value of the land. (See Exhibit H – Assessor's Office Cancellation Valuation Letter, dated June 23, 2016).

In order for a Williamson Act Contract to be canceled, the Board of Supervisors must hold a public hearing on the request and make several findings as required by State law. Listed below are the findings required by California Government Code Section 51282 for tentative approval for cancellation of a contract:

- 1. That the cancellation is consistent with the purposes of the Williamson Act; or
- 2. That cancellation is in the public interest.

Stanislaus County has modified this action through language in the contract itself which states that **both** findings must be made.

Government Code Section 51282 further specifies that cancellation is consistent with the purposes of the Williamson Act only if the Board of Supervisors makes all of the following findings:

- 1. That the cancellation is for land on which a notice of nonrenewal has been served pursuant to Government Code Section 51245.
- 2. That cancellation is not likely to result in the removal of adjacent lands from agricultural uses.
- 3. That cancellation is for an alternative use which is consistent with the applicable provision of the city or county general plan.
- 4. That cancellation will not result in discontiguous patterns of urban development.
- 5. That there is no proximate noncontracted land which is both available and suitable for the use to which it is proposed the contracted land be put or, that development of the contracted

land would provide more contiguous patterns of urban development than development of proximate noncontracted land.

In addition, cancellation of a contract shall be in the public interest only if the Board makes the following findings:

- 1. That other public concerns substantially outweigh the objectives of the Williamson Act; and
- 2. That there is no proximate noncontracted land which is both available and suitable for the use to which it is proposed the contracted land be put or, that development of the contracted land would provide more contiguous patterns of urban development than development of proximate noncontracted land.

The applicant has provided written evidence to support the cancellation findings. (See Exhibit F – *Applicant's Draft Williamson Act Findings*). Planning staff believes the necessary findings for approval can be made. The cancellation is consistent with the provisions of the Williamson Act as the 0.71 acre parcel does not meet the minimum parcel size for land to be under contract nor has it been farmed for some time. Removal of this portion of the property from contract is not expected to result in the removal of adjacent lands as there are currently no adjacent lands enrolled in the Williamson Act. Adjacent lands are either not in agricultural production, are within the City of Modesto, or are zoned Planned Development in support of light industrial uses. The contracted land requested to be cancelled would provide more contiguous patterns of urban development than development of proximate non-contracted land as it already has a General Plan designation of Planned Development, received an affirmative sewer advisory vote from citizens of Modesto, and is located adjacent to existing infrastructure.

A notice of request for cancellation of the Williamson Act Contract was referred to the DOC on May 25, 2016; the resulting referral response stated that the DOC concurs that the proposed project will be able to meet all the required findings for cancellation. (See Exhibit G – Department of Conservation Referral Response, dated June 29, 2016).

#### **GENERAL PLAN CONSISTENCY**

The site currently has two General Plan Designations, Planned Development and Urban Transition. The Planned Development portion lies along the eastern portion of the project site, specifically 450 feet from the centerline of McHenry Avenue. In 1974, the Stanislaus County Planning Commission adopted a resolution designating the upper McHenry Avenue property frontages (approximately 450 feet from the centerline of McHenry Avenue) as "Planned Development" on the General Plan. In 1987, the Planning Commission further adopted Resolution No. 87-1 to set policies regarding the review and approval of Planned Developments in the area. Staff believes that the proposed project is consistent with the adopted resolution. (See Exhibit I – General Plan Resolution No. 87-1).

The remaining balance of the project site, 9.42 acres, is designated as Urban Transition. The intent of the Urban Transition designation is to ensure that land remains in agricultural usage until urban development consistent with a city's general plan designation is approved. The appropriate zoning to be prescribed for the Urban Transition designation is General Agriculture or Planned Development. Staff believes that the proposed development is consistent with the proposed Planned Development General Plan Designation.

#### ZONING ORDINANCE CONSISTENCY

Zoning districts are required to be consistent with the General Plan. The four parcels (i.e. project site) are currently zoned A-2-10 (General Agriculture) or PD 143 (Planned Development); however,

for the proposed auto dealership to be established as proposed, a rezoning of the entire parcel to a new Planned Development is necessary. PD 143 was approved in 1987, and allowed limited light industrial and low traffic generating commercial uses; auto sales was identified as a permitted use. The proposed auto dealership would be consistent with a Planned Development general plan designation and zoning district. The development of the use, landscaping, signage, and off-site improvements will be required to meet City of Modesto standards. Development Standards provided by the City of Modesto have been added to this project. (See Exhibit C - Development Standards).

#### ENVIRONMENTAL REVIEW

Pursuant to the California Environmental Quality Act (CEQA), the proposed project was circulated to all interested parties and responsible agencies for review and comment and no significant issues were raised. (See Exhibit L - *Environmental Review Referrals.*) A Negative Declaration has been prepared for adoption prior to action to approve the project, as the project will not have a significant effect on the environment. (See Exhibit K - *Negative Declaration.*) Development Standards reflecting referral responses have been placed on the project. (See Exhibit C - *Development Standards.*)

The Departments of Public Works for both Stanislaus County and the City of Modesto and the State of California Department of Transportation (CalTrans) reviewed this project through both stages of the environmental review (early consultation and initial study). A traffic impact analysis (TIA) was requested and reviewed by Caltrans as well as the City of Modesto and County Public Works Department. No mitigation measures were recommended as a part of the TIA, but the analysis was based on McHenry and Pelandale exits remaining right-in/right-out. (See Exhibit E - *Traffic Impact Analysis, dated March 14, 2016*). Conditions of approval as recommended by Caltrans, the City and County Public Works Department, as well as the continued restricted access to McHenry and Pelandale Avenues have been added to the project's Development Standards.

#### \*\*\*\*\*

**Note:** Pursuant to California Fish and Game Code Section 711.4, all project applicants subject to the California Environmental Quality Act (CEQA) shall pay a filing fee for each project; therefore, the applicant will further be required to pay **\$2,267.25** for the California Department of Fish and Wildlife (formerly the Department of Fish and Game) and the Clerk Recorder filing fees. The attached Development Standards ensure that this will occur.

Contact Person: Rachel Wyse

Rachel Wyse, Associate Planner, (209) 525-6330

Attachments:

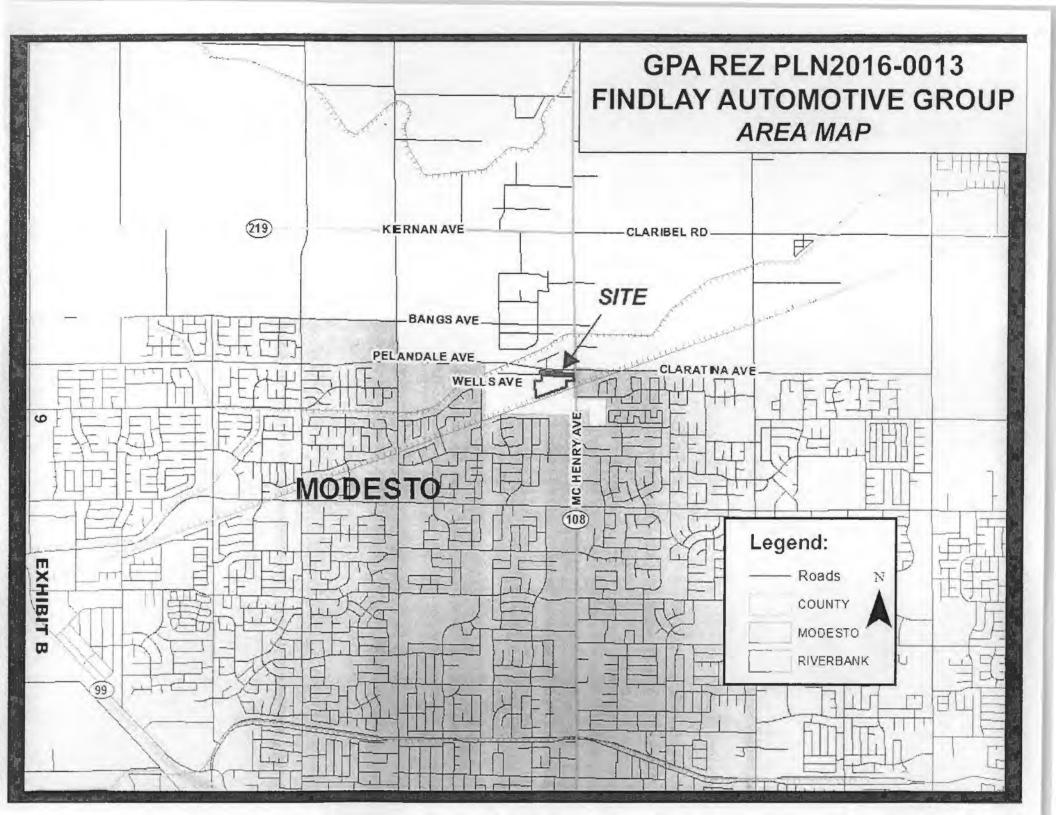
- Exhibit A Findings and Actions Required for Project Approval
- Exhibit B Maps, Site Plan and Conceptual Elevations
- Exhibit C Development Standards
- Exhibit D Applicant's Project Description and Development Schedule
- Exhibit E Traffic Impact Analysis, dated March 14, 2016
- Exhibit F Applicant's Draft Williamson Act Findings
- Exhibit G Department of Conservation Referral Response, dated June 29, 2016
- Exhibit H Assessor's Office Cancellation Valuation Letter, dated June 23, 2016
- Exhibit I General Plan Resolution No. 87-1
- Exhibit J Initial Study
- Exhibit K Negative Declaration
- Exhibit L Environmental Review Referral

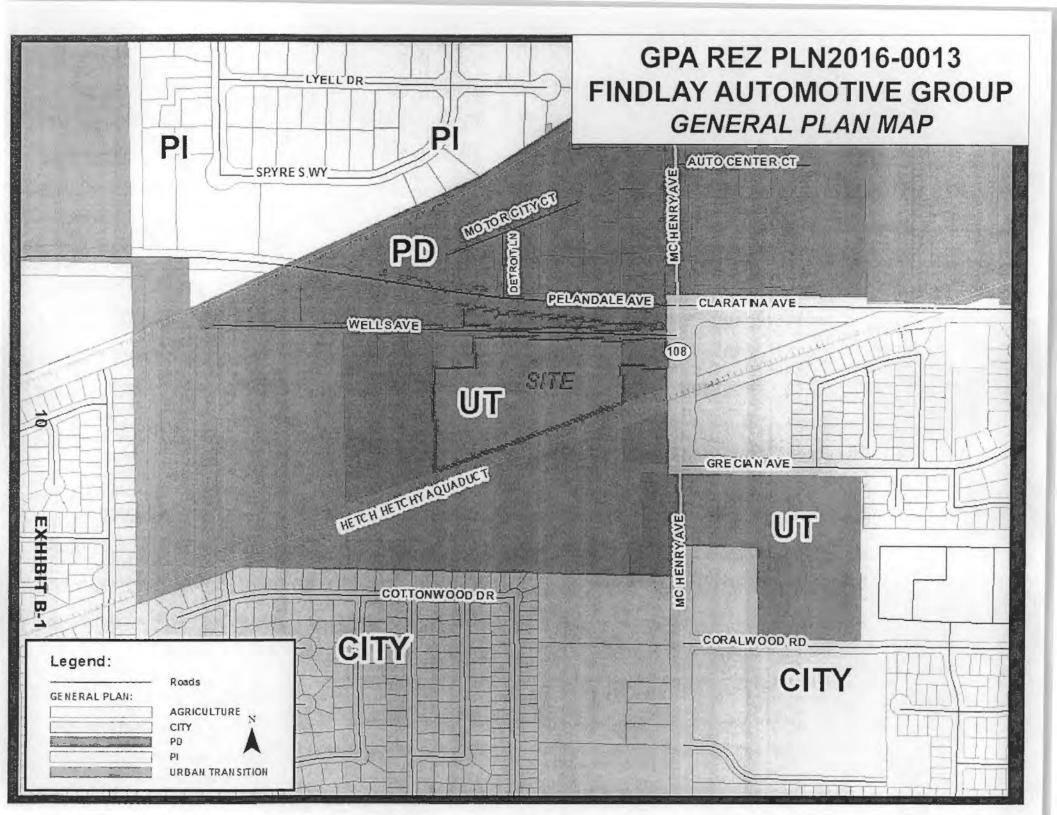
#### Exhibit A Findings and Actions Required for Project Approval

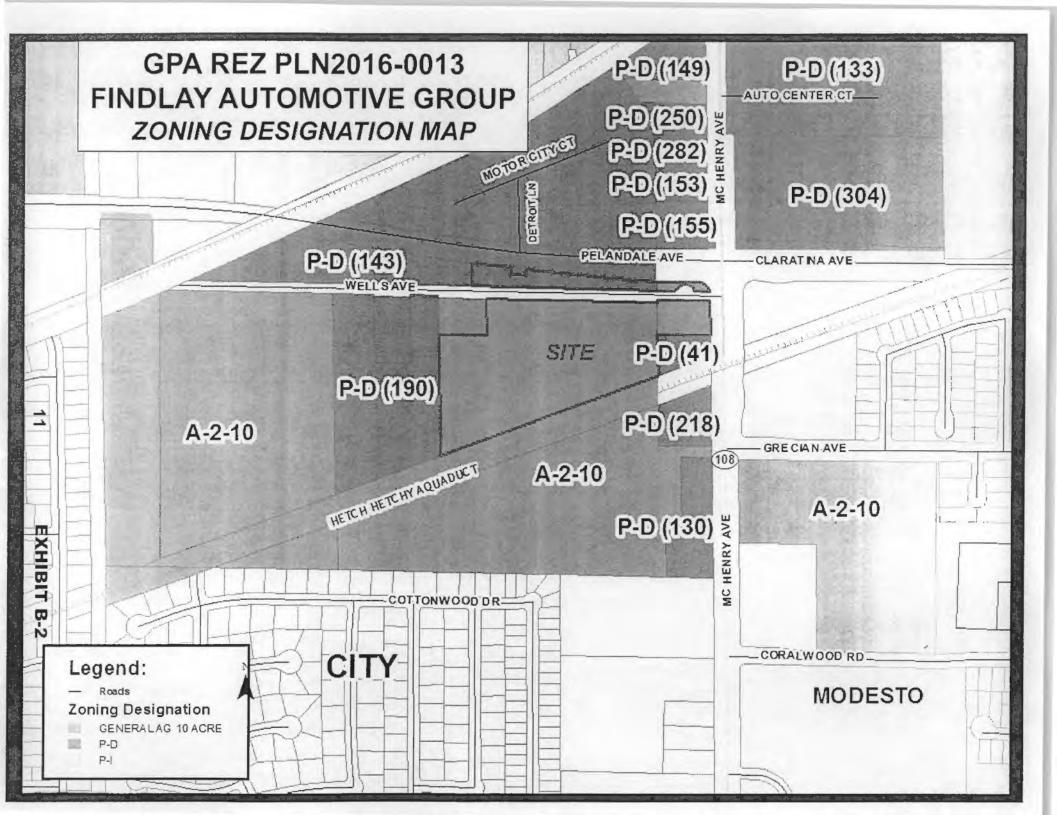
**Note:** The proposed project must obtain approval from the Stanislaus County Board of Supervisors to be permitted. The Planning Commission may make a recommendation to the Board. Should the Commission support the project, the Commission may recommend the following:

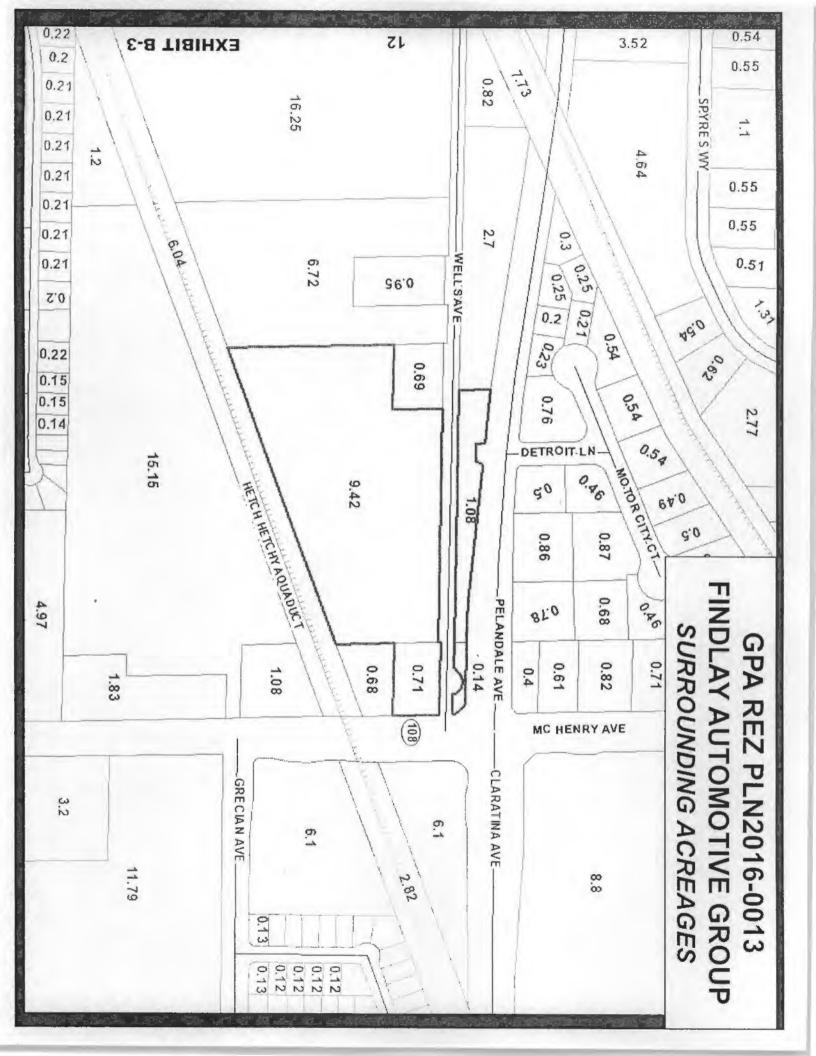
- 1. Adopt the Negative Declaration pursuant to CEQA Guidelines Section 15074(b), by finding that on the basis of the whole record, including the Initial Study and any comments received, that there is no substantial evidence the project will have a significant effect on the environment and that the Negative Declaration reflects Stanislaus County's independent judgment and analysis.
- 2. Order the filing of a Notice of Determination with the Stanislaus County Clerk Recorder pursuant to Public Resources Code Section 21152 and CEQA Guidelines Section 15075.
- 3. Find, based on the discussion in this report and the whole of the record that:
  - a. The cancellation is consistent with the purposes of the Williamson Act.
  - b. The cancellation is for land on which a notice of nonrenewal has been served pursuant to California Government Code Section 51245.
  - c. The cancellation is not likely to result in the removal of adjacent lands from agricultural use.
  - d. The cancellation is for an alternative use which is consistent with the applicable provisions of the county general plan.
  - e. The cancellation will not result in discontiguous patterns of urban development.
  - f. There is no proximate noncontracted land which is available and suitable for the use to which it is proposed the contracted land be put, or, that development of the contracted land would provide more contiguous patterns of urban development than development of proximate noncontracted land.
  - g. The cancellation is in the public interest.
  - h. Other public concerns substantially outweigh the objectives of the Williamson Act.
  - 4. Accept the cancellation value of the subject property as \$450,000 as determined by the County Assessor.
  - 5. Certify to the County Auditor-Controller that the cancellation fee, which must be paid as deferred taxes, is an amount equal to 12 ½% of the cancellation value, or a total of fifty six thousand two hundred and fifty dollars(\$56,250).
  - 6. Approve the tentative cancellation of a portion of Williamson Act Contract No. 75-2013 subject to payment of the cancellation fee. Unless the fee is paid within one year of the filing of the Certificate of Tentative Cancellation, the fee shall be re-computed as provided by State law.

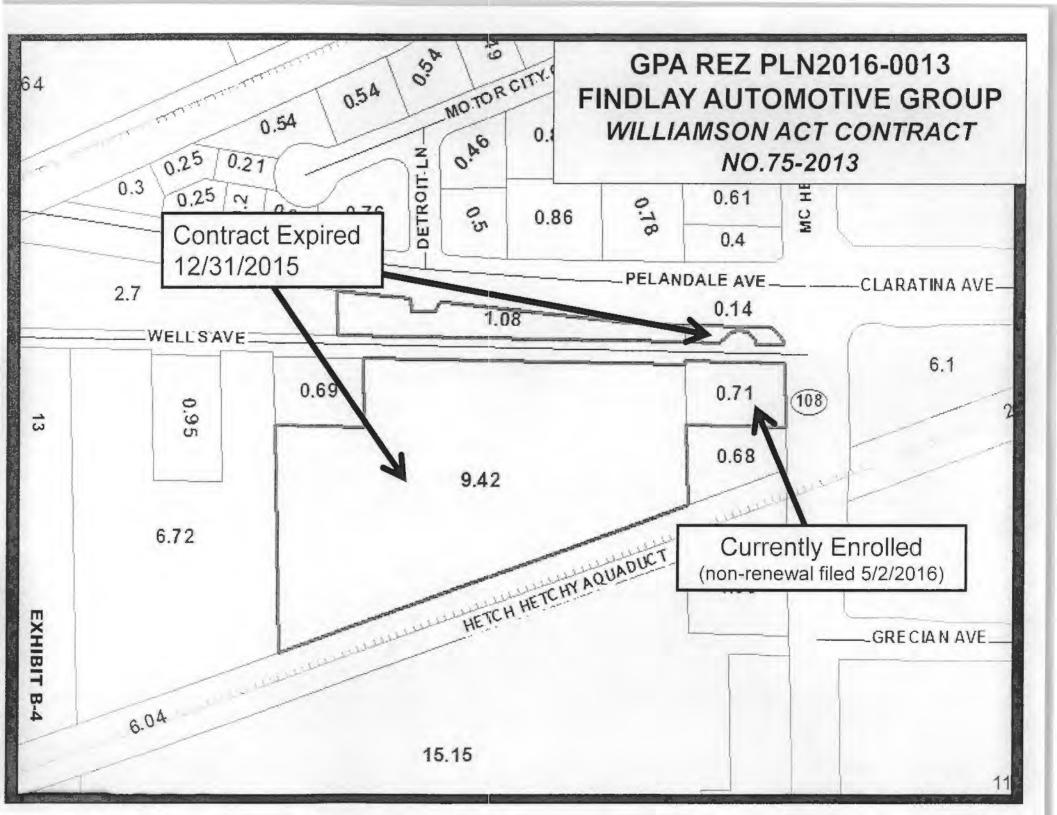
- 7. Direct the Clerk of the Board to record a Certificate of Tentative Cancellation within 30 days of this action.
- 8. Direct the Clerk of the Board, within 30 days of the Board action, to publish the Notice of the Decision and to deliver a copy of the published Notice of the Decision to the Director of the Department of Conservation (DOC).
- 9. Find That:
  - A. The General Plan amendment will maintain a logical land use pattern without detriment to existing and planned land uses.
  - B. The County and other affected government agencies will be able to maintain levels of service consistent with the ability of the government agencies to provide a reasonable level of service.
  - C. The amendment is consistent with the General Plan goals and policies.
- 10. Find that the proposed Planned Development zoning is consistent with the Planned Development General Plan designation.
- 11. Find that the project will increase activities in and around the project area, and increase demands for roads and services, thereby requiring dedication and improvement.
- 12. Approve Williamson Act Contract Cancellation, General Plan Amendment and Rezone Application No. PLN2016-0013 Findlay Automotive Group subject to the modifications made to the Development Standards, as recommended by the Planning Commission.
- 13. Introduce, waive the reading, and adopt an ordinance for the approved Rezone Application No. PLN2016-0013 Findlay Automotive Group.

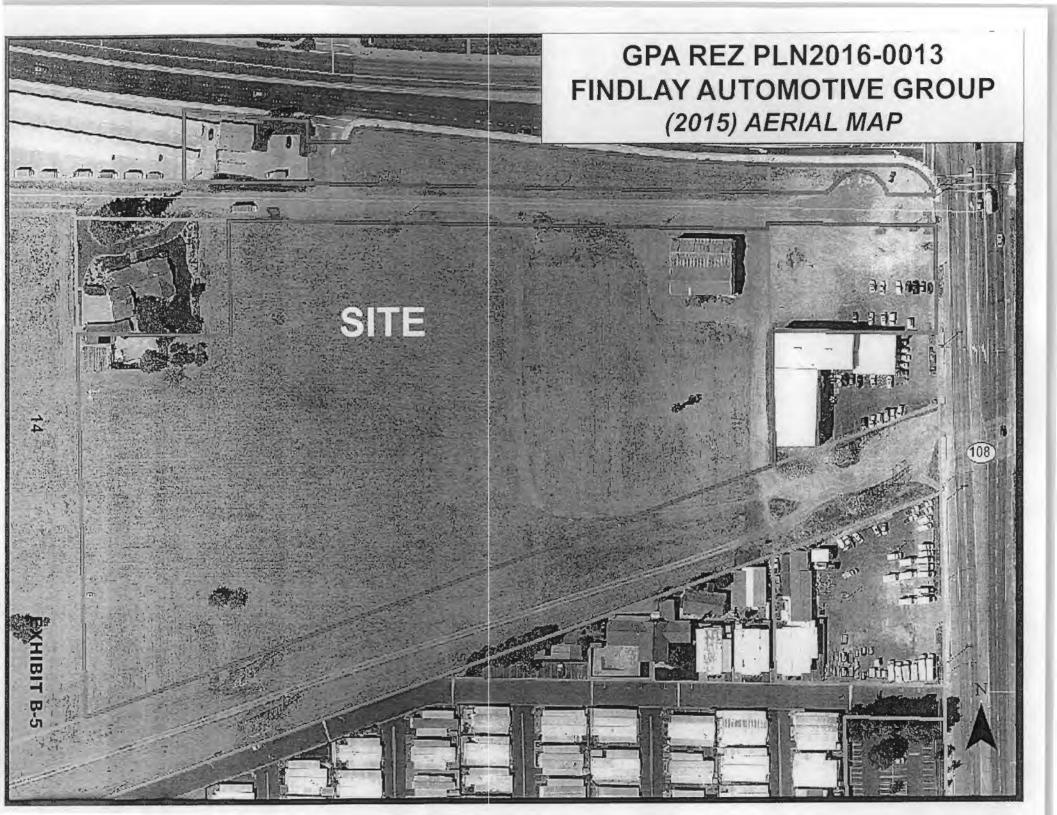




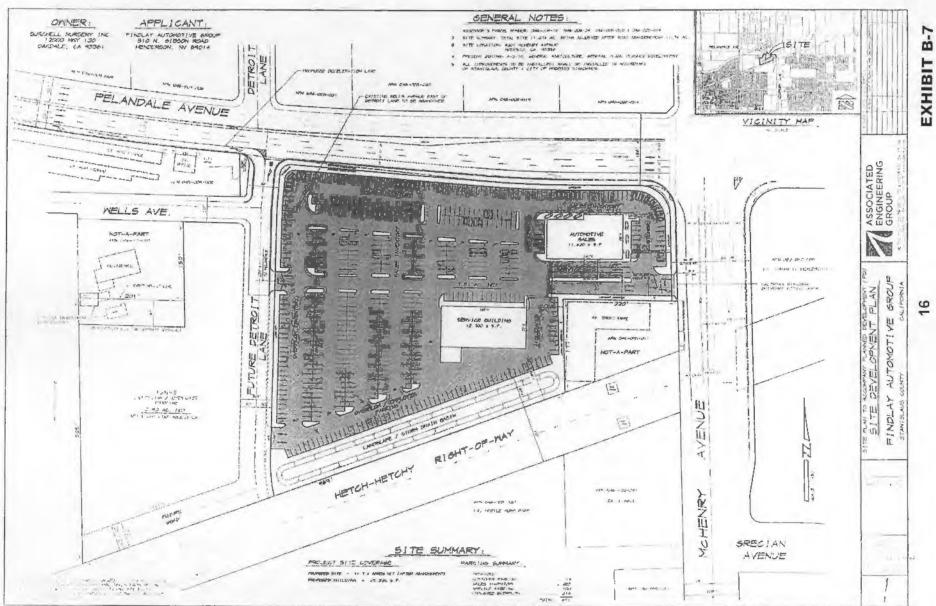




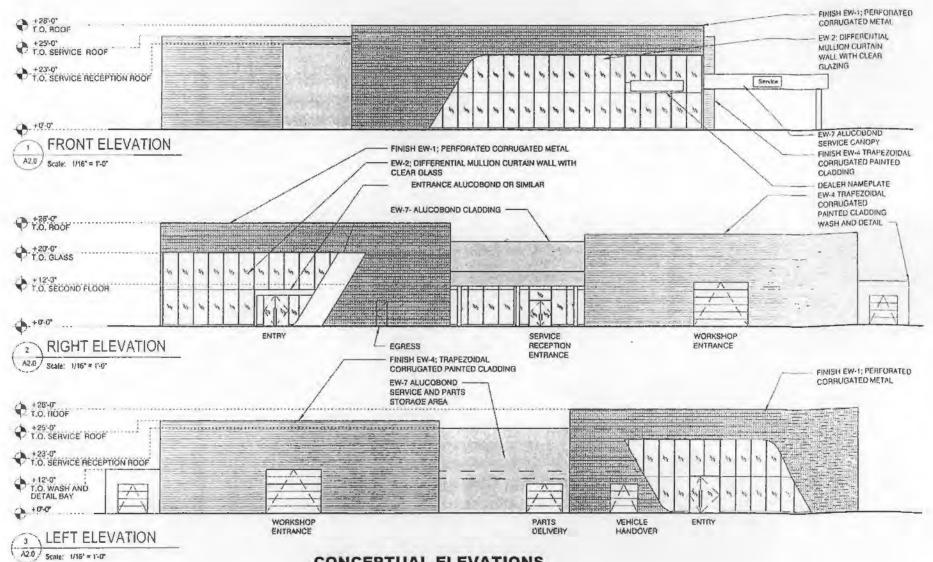








-



# CONCEPTUAL ELEVATIONS

Note: Not actual building elevations; these elevations are for representation purposes only.

17

EXHIBIT B-8

NOTE: Approval of this application is valid only if the following conditions are met. This permit shall expire unless activated within 18 months of the date of approval. In order to activate the permit, it must be signed by the applicant and one of the following actions must occur: (a) a valid building permit must be obtained to construct the necessary structures and appurtenances; or, (b) the property must be used for the purpose for which the permit is granted. (Stanislaus County Ordinance 21.104.030)

# **DEVELOPMENT STANDARDS**

#### WILLIAMSON ACT CANCELATION, GENERAL PLAN AMENDMENT AND REZONE APPLICATION NO. PLN2016-0013 FINDLAY AUTOMOTIVE GROUP

#### Department of Planning and Community Development

- 1. Use(s) shall be conducted as described in the application, supporting information (including the site plan) and permitted uses as approved by the Planning Commission and/or Board of Supervisors and in accordance with other laws and ordinances.
- 2. Pursuant to Section 711.4 of the California Fish and Game Code (effective January 1, 2016), the applicant is required to pay a California Department of Fish and Wildlife (formerly the Department of Fish and Game) fee at the time of filing a "Notice of Determination." Within five (5) days of approval of this project by the Planning Commission or Board of Supervisors, the applicant shall submit to the Department of Planning and Community Development a check for <u>\$2,267.25</u>, made payable to <u>Stanislaus County</u>, for the payment of California Department of Fish and Wildlife and Clerk Recorder filing fees.

Pursuant to Section 711.4 (e) (3) of the California Fish and Game Code, no project shall be operative, vested, or final, nor shall local government permits for the project be valid, until the filing fees required pursuant to this section are paid.

- 3. Developer shall pay all Public Facilities Impact Fees and Fire Facilities Fees as adopted by Resolution of the Board of Supervisors. The fees shall be payable at the time of issuance of a building permit for any construction in the development project and shall be based on the rates in effect at the time of building permit issuance.
- 4. The applicant/owner is required to defend, indemnify, or hold harmless the County, its officers, and employees from any claim, action, or proceedings against the County to set aside the approval of the project which is brought within the applicable statute of limitations. The County shall promptly notify the applicant of any claim, action, or proceeding to set aside the approval and shall cooperate fully in the defense.
- 5. Any construction resulting from this project shall comply with standardized dust controls adopted by the San Joaquin Valley Air Pollution Control District (SJVAPCD) and may be subject to additional regulations/permits, as determined by the SJVAPCD.

- 6. The Department of Planning and Community Development shall record a Notice of Administrative Conditions and Restrictions with the County Recorder's Office within 30 days of project approval. The Notice includes: Conditions of Approval/Development Standards and Schedule; any adopted Mitigation Measures; and a project area map.
- 7. Should any archeological or human remains be discovered during development, work shall be immediately halted within 150 feet of the find until it can be evaluated by a qualified archaeologist. If the find is determined to be historically or culturally significant, appropriate mitigation measures to protect and preserve the resource shall be formulated and implemented. The Central California Information Center shall be notified if the find is deemed historically or culturally significant.
- 8. A valid Stanislaus County business license shall be maintained for the proposed auto dealership.
- 9. All on-site lighting shall be designed in conformance with City of Modesto standards, aimed down and towards the site to provide adequate illumination without glare effect, and shielded so as to avoid unnecessary light spillage onto nearby residential uses.
- 10. Nuisance: No operations shall be conducted on any premises in such a manner as to cause an unreasonable amount of noise, odor, dust, smoke, or vibration detectable off-site.
- 11. Construction shall occur between the hours of 7 a.m. and 7 p.m. No person shall operate any construction equipment so as to cause at or beyond the property line of any property upon which a dwelling unit is located an average sound level greater than 75 decibels between the hours of 7 p.m. and 7 a.m.
- 12. Prior to issuance of a building permit, a merger or lot line adjustment application shall be submitted to adjust the four parcels that make up the project site in conformance with the adopted site plan.
- 13. Within 30 days of project approval and prior to issuance of a grading and/or building permit, a lot line adjustment shall be submitted adjusting the southern lot line of 342 Wells Avenue (APN: 046-005-015) so as to encompass the pool and garage currently present on the project site. The lot line adjustment shall match the project's site plan as approved by the Board of Supervisors.
- 14. All proposed signage shall comply with the City of Modesto's design standards and be approved by the City, prior to submittal of a sign (building) permit for the sign to the County Building Permits Division.
- 15. The use of an outdoor public announcement (PA) system to contact employees and/or customers is prohibited.

#### Department of Public Works

16. Road right-of-way shall be deeded to Stanislaus County or the City of Modesto by road easement to provide for:

- a. 55 feet of right-of-way west of the centerline of McHenry Avenue, or as required to comply with Caltrans requirements for State Route 108 along the frontages of the parcel. The road easement shall be offered to the City of Modesto;
- b. The City of Modesto is asking for a deceleration lane along Pelandale Avenue to Detroit Lane that shall be designed per the California Highway Design Manual and current City of Modesto Standards. If any additional right-of-way is required, it shall be provided as a road easement to the City of Modesto;
- c. Prior to the issuance of a building permit, Detroit Lane and the "Future" Road shall be 60-feet wide and provide enough length to allow for a driveway a minimum of **350230**-feet away from the Pelandale Avenue/Detroit Lane intersection. This road easement shall be offered to Stanislaus County.
- d. Prior to the issuance of a building permit, Detroit Lane and the "Future" Road shall be 60-feet wide and provide enough length to allow for a driveway a minimum of 350-feet away from the Pelandale Avenue/Detroit Lane intersection. This road easement shall be offered to Stanislaus County.
- 17. All new utilities shall be underground and located in public utility easements. A 10-foot wide public utility easement (P.U.E.) shall be located adjacent to all road rights-of-way.
- 18. An Encroachment Permit shall be obtained for any work done in Stanislaus County, City of Modesto, or Caltrans road right-of-ways for the corresponding agencies.
- 19. Three copies of off-site improvement plans that are consistent with the City of Modesto Standards (Detroit Lane and Pelandale Avenue) and Caltrans Standards (McHenry Avenue/SR 108) shall be submitted and approved by Stanislaus County Public Works prior to the issuance of any building permit associated with this project.
- 20. Prior to final inspection or occupancy of any structure, street improvements shall be installed that are consistent with the City of Modesto standards (Detroit Lane and Pelandale Avenue) and Caltrans standards (McHenry Avenue/SR 108). This includes acceptance of the public road right-of-way for Detroit Lane by the Stanislaus County Board of Supervisors. This shall include the extension of Detroit Lane as shown on the project proposal. The improvements shall include, but not be limited to, street lighting, curb, gutter, and sidewalk, storm drainage, driveways, matching pavement and curb ramps. Improvement plans shall be submitted to Public Works Department for review and approval.
- 21. All driveway widths and locations shall be approved by the City of Modesto and Stanislaus County Public Works on Detroit Lane and by Caltrans on McHenry Avenue/SR 108. All access to Pelandale Avenue shall be off of Detroit Lane; no direct access will be allowed along Pelandale Avenue from the project site.
- 22. All existing irrigation lines within the project site shall be removed or relocated into easements along lot lines. The irrigation lines shall be reinforced at road crossings and driveways. All irrigation lines or structures which are to be abandoned shall be removed. All work shall be done in accordance with the requirement of the Department of Public Works and the Modesto Irrigation District.

- 23. A grading and drainage plan for the project site shall be submitted with the grading or building permit. Public Works will review and approve the drainage calculations. The grading and drainage plan shall include the following information:
  - Drainage calculations shall be prepared as per the Stanislaus County Standards and Specifications that are current at the time the permit is issued.
  - The plan shall contain enough information to verify that all runoff will be kept from going onto adjacent properties and Stanislaus County road right-of-way.
  - The grading and drainage plan shall comply with the National Pollutant Discharge Elimination System (NPDES) General Permit and Stanislaus County storm water treatment and quality standards.
  - The grading, drainage, and associated work shall be accepted by Stanislaus County Public Works prior to a final inspection or occupancy, as required by the building permit.
  - The applicant of the building permit shall pay the current Stanislaus County Public Works weighted labor rate for the plan review of the building and/or grading plan and all inspection fees. The Public Works inspector shall be contacted 48 hours prior to the commencement of any grading or drainage work on-site. The plans shall not be released until such time that all plan check and inspection fees have been paid.
- 24. The developer will be required to install or pay for the installation of any signs and/or markings, if warranted.
- 25. The streetlights shall be annexed into the North McHenry 2 Lighting District. The applicant shall provide all necessary documents and pay all the costs associated with the annexation process. This process may take approximately 4 to 6 months. The annexation of the parcel into the North McHenry 2 Lighting District shall be completed before the final/occupancy of any building permit associated with this project. Please contact the Public Works Department to begin this process.
- 26. Prior to the final of any building or grading permit, a county service area (CSA) shall be formed to provide funds to ensure future maintenance of the Detroit Lane storm drainage system. The developer shall provide all necessary documents and pay all fees associated with the formation of the CSA. As part of the formation, a formula or method for the calculation of the annual assessment shall be approved. This process may take approximately 6 months and requires LAFCO approval.
- 27. An acceptable financial guarantee for the road improvements for Detroit Lane and Pelandale Avenue shall be provided to the Department of Public Works prior to the issuance of any building, grading or encroachment permit an occupancy permit or a final inspection on any building permit. This may be deferred if the work in the right-of-way is done prior to the issuance of an occupancy permit or final inspection on any any grading or building permit on the project site
- 28. An Engineer's Estimate shall be provided for the road improvements so that the amount of the financial guarantee can be determined for the improvements in the County right-of-way.

- 29. Prior to the Department of Public Works doing any plan review or inspections associated with the development, the subdivider shall sign a "Subdivision Processing/Inspection Agreement" and post a \$2,500 deposit with Public Works.
- 30. A set of Record Drawings as specified in the County standards and electronically scanned files for each sheet in a PDF format shall be provided to and approved by the Department of Public Works prior to acceptance of the road improvements.
- 31. All public roads shall have a fog seal applied prior to the end of the one year maintenance period and final acceptance by Stanislaus County.

#### Department of Environmental Resources (DER)

- 32. The on-site wastewater disposal system (OSWDS) design shall include a denitrification unit to prevent further contribution to nitrate levels in groundwater.
- 33. The OSWDS shall be by individual Primary and Secondary wastewater treatment units, operated under conditions and guidelines established by Measure X.
- 34. The OSWDS shall be designed by a certified civil engineer according to type of use and/or maximum occupancy of the proposed structure to estimated waste/sewage design flow rate and in accordance to number of plumbing fixture units proposed within the building. The dispersal field shall be designed and sized using field data collected from soil profile and percolation tests performed at the locations proposed for dispersal field and the 100 % future expansion area.
- 35. The OSWDS designed system shall provide 100% of the original system for the "future expansion area".
- 36. The dispersal field and future expansion area shall not be paved over or covered by concrete or other material that is capable of reducing or inhibiting possible evaporation of the effluent.
- 37. OSWDS shall be installed as per the approved engineered design. All setbacks required by DER are to be met at time of installation of the system.
- 38. The applicant shall determine, to the satisfaction of DER, that the property has been fully investigated (via Phase 1 study and Phase 2 study, if necessary) prior to the issuance of a grading permit. Research shall be conducted to determine if pesticides were used on the proposed development site; if confirmed, suspect site areas shall be tested for organic pesticides and metals. Any discovery of underground storage tanks, former underground storage tank locations, buried chemicals, buried refuse, or contaminated soil shall be brought to the immediate attention of DER.
- 39. The applicant shall contact DER regarding appropriate permitting requirements for hazardous materials and/or wastes. Applicant and/or occupants handling hazardous materials or generating hazardous wastes must notify DER relative to the following (Calif.H&S, Division 20):

- A. Permits for the underground storage of hazardous substances at new locations or the modification of existing tank facilities.
- B. Requirements for registering as a handler of hazardous materials in the County.
- C. Submittal of hazardous materials business information into the California Electronic Reporting System (CERS) by handlers of materials in excess of 55 gallons, 500 pounds of a hazardous material, or of 200 cubic feet of compressed gas.
- D. The handling of acutely hazardous materials may require the preparation of a Risk Management Prevention Program which must be implemented prior to operation of the facility. The list of acutely hazardous materials can be found in SARA, Title III, Section §302.
- E. Generators of hazardous waste must notify the Department relative to the: (1) quantities of waste generated; (2) plans for reducing wastes generated; and (3) proposed waste disposal practices. Generators of hazardous waste must also use the CERS database to submit chemical and facility information to DER.
- F. Medical waste generators must complete and submit a questionnaire to DER for determination if they are regulated under the Medical Waste Management Act.

#### **Building Permits Division**

40. Building permits are required and the project must conform with the California Code of Regulations, Title 24.

#### Local Agency Formation Commission (LAFCO)

41. LAFCO approval shall be obtained prior to the extension of water and/or sewer services by the City of Modesto to serve the project.

#### City of Modesto

- 42. Prior to issuance of a grading and/or building permit, the applicant shall dedicate 60-feet of right-of-way for the extension of Detroit Lane and the "Future" Road, shown on the proposed site plan, to meet the City's collector street standards. The dedication shall be in the form of an irrevocable offer of right-of-way dedication. Prior to issuance of an occupancy permit, Detroit Lane shall be constructed to City Development Standards to the first on-site (northern) driveway as shown on the project site plan. Any further extension/construction of Detroit Lane will be reviewed and determined as a part of the encroachment permit for the second (southern) driveway on Detroit Lane.
- 43. A reciprocal access way shall be provided to and for the benefit of the adjacent southern parcel (APN 046-005-011). These parcels abut McHenry Avenue.

- 44. This project is located at a very prominent intersection. It is noted that the building elevations submitted as part of this application are labeled "Conceptual Elevation" with a note specifying that these are not the actual building elevations. Therefore, prior to submitting for a building permit, the developer shall submit actual building elevations for all four elevations to the City of Modesto Planning Division for review and to determine conformance with the City's Commercial and Industrial Design Guidelines, including the screening of roof-top equipment.
- 45. The project shall meet all City Development Standards.
- 46. Prior to the issuance of a building permit, the applicant shall submit Landscape and Irrigation plans for review and approval by the City's Parks Planning and Development Division. The plans shall meet current State of California water use requirements, Modesto Municipal Code requirements, and City of Modesto standards at the time of submittal.
- 47. As part of the provision for water and/or sewer service from the City, the property owner will be required to agree to annex the property into the City when requested to do so.
- 48. The water service for this site can be served via an existing 10-inch main in the Pelandale Avenue right-of-way with a 10-inch stub out at Detroit Lane, or the existing 10-inch main in the McHenry Avenue right-of-way. In order to loop the water system and equalize the pressure, the 10-inch main will eventually be extended to connect to the existing 10-inch water main in Crocus Drive and the Virginia Corridor 16-inch transmission line. A will-serve letter and outside service agreement will be required.
- 49. The sewer service for this site can be served either by a short extension of the existing 10inch sewer main in McHenry Avenue, which terminates at Coralwood Road or by a future connection to the existing 10-inch (dry) sewer main in Pelandale Avenue that currently extends from Tully Avenue east to a point west of the City's Pelandale storm drain basin and terminates on the north side of the MID Lateral. If connecting to the City's sewer system, a will-serve letter and outside service agreement will be required.
- 50. The storm water runoff generated from the new developed site shall be kept on-site according to current City standards for any new development without a positive storm drain system available.
- 51. Improvement plans with storm drainage concepts and related calculations shall be submitted to the City Engineer for review and approval prior to the County's building permit issuance.
- 52. In order to provide access to this site from Pelandale Expressway to Detroit Lane, a standard deceleration lane on the south side of Pelandale Avenue shall be designed per the California Highway Design Manual and current City Standards. Since the design will require the restriping of existing right-of-way, the design shall include a sufficient area west of the proposed 250-foot taper and extend to the Pelandale and McHenry Avenue intersection. Improvement plans shall be submitted to the City Engineer for review and approval prior to the County's building permit issuance.

- 53. McHenry Avenue is designated as a State Highway; any access to this site from the McHenry frontage shall be reviewed and approved by the California Department of Transportation (Caltrans). Curb, gutter, and sidewalk shall be designed in compliance with City Development Standards and reviewed and approved by the City of Modesto and Caltrans prior to installation.
- 54. The proposed driveway along Detroit Lane shall be a minimum of <del>350</del> **230** feet away from the Pelandale Avenue/Detroit Lane intersection<del>, as per City standards</del>.
- 55. Prior to the issuance of a grading, demolition, or building permit, the applicant shall submit improvement plans conforming to design requirements of the most current edition of City of Modesto Guidance Manual for Development, Stormwater Quality Control Measures.
- 56. Prior to the issuance of a grading, demolition, or building permit, the applicant shall obtain coverage for project under the State Water Resources Control Board (SWRCB) General Permit for Stormwater Discharges Associated with Construction and Land Disturbance Activities Order No. 2009-0009-DWQ, National Pollutant Discharge Elimination System (NPDES) General Permit No. CAS000002, as amended by 2010-0014-DWQ and 2012-0006-DWQ.
- 57. The General Construction Permit requires the applicant to develop a Stormwater Pollution Prevention Plan (SWPPP) for the project. Prior to issuance of a grading, demolition, or building permit, provide one paper copy of SWPPP to the Land Development Engineering, Stormwater Division.
- 58. Prior to issuance of a grading, demolition, or building permit, the applicant shall submit a plan for trash enclosures to be sufficiently elevated to prevent stormwater run-on from parking lot. Floor of enclosures shall be graded to drain into adjacent landscape areas.
- 59. Prior to issuance of a grading, demolition, or building permit, the applicant shall submit a plan to integrate Low Impact Development (LID) principles into the project design. The plan shall retain and infiltrate the first 0.5-inches of stormwater runoff on site, and incorporate pervious landscape features into the project design wherever possible.
- 60. Prior to issuance of a grading, demolition, or building permit, the applicant shall submit a plan to provide permanent, post-construction treatment (grass swale, vegetative strip, or other approved proprietary device) to remove pollutants from the first 0.5-inches of stormwater run-off from the site.
- 61. Prior to issuance of a grading, demolition, or building permit, the applicant shall provide a signed and notarized Stormwater Treatment Device access and Maintenance Agreement to Land Development Engineering, Stormwater Division for recording.

#### Salida Fire District

62. The applicant shall pay Fire Service Impact Mitigation Fees as adopted by the District Board of Directors and currently in place at the time of issuance of construction permits.

#### AS AMENDED BY THE PLANNING COMMISSION JULY 21, 2016

- 63. The project shall meet the District's requirements for on-site water for fire protection prior to construction with any combustible materials. Fire hydrant(s) and static source locations, connections, and access shall be approved by the District.
- 64. Prior to, and during, combustible construction, the District shall approve provisions for serviceable fire vehicle access and fire protection water supplies.
- 65. A District specified Rapid Entry System (Knox) shall be installed and serviceable prior to final inspection allowing fire department access into gated areas, limited access points, and or buildings.
- 66. Buildings of 5,000 square feet and greater shall be required to have fire sprinklers meeting the standards listed within the adopted California Fire Code and related amendments. In addition, there may be revisions to the fire sprinkler requirements in future fire code adoptions. At the time of construction, the most current adopted fire code will be required and must be adhered to.
- 67. For buildings of 30 feet or three (3) or more stories in height, gated 2 ½" hose connections (Class III) for fire department use shall be installed on all floors in each required exit stairwell.
- 68. The project shall meet fire apparatus access standards. Two ingress/egress accesses to each parcel meeting the requirements listed within the California Fire Code.
- 69. If traffic signals are installed and/or retrofitted for this project, signal preemption devices shall be paid for or installed by the applicant/owner and shall conform to the District's standards and requirements.
- 70. Prior to issuance of a building or grading permit, and/or development, the owner(s) of the property will be required to form or annex into a community facilities district for operational services with the Salida Fire Protection District. Due to the fact this process may take 60-120 days to complete, it is recommended that advanced consideration be given to initiate this requirement early in the project.

#### Modesto Irrigation District (MID)

- 71. Site and construction plans shall be submitted to MID for review prior to application for a building and/or grading permit. Specific requirements regarding construction issues will be addressed when construction plans are submitted for review. The contractor/developer should contact the District's Electric Engineering Design Department prior to any construction.
- 72. There is an existing private pipeline that lies within the project site. The applicant shall consult with those who are served by the existing private pipeline. All work affecting the irrigation infrastructure must be completed during the non-irrigation season (typically November 1 to March 1).
- 73. In conjunction with related project requirements, existing underground and overhead electric facilities within or adjacent to the proposed project shall be protected as required by MID's Electric Engineering Department.

#### AS AMENDED BY THE PLANNING COMMISSION JULY 21, 2016

- 74. Relocation or Installation of electric facilities shall conform to MID's Electric Service Rules.
- 75. Costs for relocation of MID's existing electrical facilities at the request of others will be borne by the requesting party. Estimates for relocating or installing electric facilities will be supplied upon request.
- 76. A 10-foot wide public utility easement (PUE) is required along all existing and future street frontages including Detroit Lane and the "Future" Road as indicated on the project site plan.
- 77. A 15-foot wide PUE is required along properties that are adjacent to road right-of-way and have existing overhead primary lines. The PUE is required in order to protect the existing overhead electric facilities and maintain necessary safety clearances.
- 78. If the existing 12kv overhead electric facilities along the proposed abandonment section of Wells Avenue are relocated a new PUE shall be required as a part of the relocation application process. If the existing facilities are not relocated, then a 30-foot wide PUE centered on the existing 12kv overhead electric facilities along the proposed abandonment section of Wells Avenue is required, in order to protect the existing overhead electric facilities and maintain necessary safety clearances.
- 79. Contractors shall verify actual depth and location of all underground utilities prior to the start of construction. Notify "Underground Service Alert" (USA) before trenching, grading, excavation, drilling, pipe pushing, tree planting, post-hole digging, etc. USA will mark the location of the underground electrical facilities in the project area.

#### California Department of Transportation (CalTrans)

- 80. The entrance on State Route (SR) 108 (McHenry Avenue) shall be located as close as possible to the south edge of the property line away from the SR 108 and Pelandale Avenue intersection. Prior to the issuance of a Certificate of Occupancy for the new dealership, the City of Modesto shall complete the Grecian intersection improvements and the removal of the U-turn sign and No-right-turn-on-red sign, unless otherwise determined by Caltrans.
- 81. The SR 108 (McHenry Avenue) entrance shall be right-in/right-out only. No semi-trucks shall be allowed to use the driveway on SR 108.
- 82. The driveway from SR 108 (McHenry Avenue) shall not allow parking for at least 50-feet from SR 108 to ensure that parked cars will not hinder vehicle flow onto the property and slow down traffic on SR 108.
- 83. An Encroachment Permit shall be obtained prior to the commencement of any work done within the State right-of-way.

\*\*\*\*\*\*

Please note: If Conditions of Approval/Development Standards are amended by the Planning Commission or Board of Supervisors, such amendments will be noted in the upper right-hand corner of the Conditions of Approval/Development Standards; new wording is in **bold**, and deleted wording will have a line through it.

## **PROJECT DESCRIPTION**

The proposed project is to construct a new 25,320 square foot auto dealership on 11.7 acres at 4201 McHenry Avenue. The proposed dealership will sell new and used vehicles as well as providing service and repair. The dealership's Sales Department will operate seven days a week 9am to 9pm, while the Parts & Service Department will operate 7am to 6pm Monday to Saturday.

The property is located on the Southwest corner of McHenry Avenue and Pelandale Avenue. The property is currently vacant and undeveloped with a small metal shop building. The property is bordered to the north by an auto commercial uses, to the south by a mobile home residential park, to the west by a vacant undeveloped land with a single family resident, to the east by an auto dealership.

The proposed building will be oriented to McHenry Avenue and features a covered customer service area, a vehicle display area and new landscaping along the frontage. Customer parking is proposed on the east and west side of the building with an additional display and landscape area along the Pelandale avenue frontage. The dealership will take access via a driveway off McHenry Avenue and a driveway off Detroit Lane. Wells Avenue is proposed to be abandoned east of the future Detroit Lane. Detroit Lane will be reconfigured to accommodate access to site and allow for a deceleration lane off Pelandale Avenue.

## **DEVELOPMENT SCHEDULE**

The anticipated project is scheduled to be completed in one (1) phase. The estimated project timeline is 2016-2019.

#### PINNACLE TRAFFIC ENGINEERING 831 C Street Hollister, California 95023 (831) 638-9260 • (805) 644-9260 PinnacleTE.com

March 14, 2016

Mr. Jim P. FreitasAssociated Engineering Group, Inc.4206 Technology Drive, Suite 4Modesto, CA 95356

RE: Findlay Automotive Project; Stanislaus County, California Project Site Trip Generation Analysis

Dear Mr. Freitas,

Pinnacle Traffic Engineering (PTE) is pleased to present the following trip generation analysis for the proposed project in Stanislaus County. The project site is located on the southwest corner of the McHenry Avenue (State Route 108) and Pelandale Avenue-Claratina Avenue intersection. The project includes the development of a new automobile dealership (25,320 SF). Access is proposed on both McHenry Avenue and Pelandale Avenue, which will be restricted to right-turns only in and out. On-site parking will be provided for 612 vehicles.

#### Project Trip Generation Estimates

The project trip generation estimates have been derived using data in the Institute of Transportation Engineers (ITE) Trip Generation Manual (9<sup>th</sup> Edition). The trip generation rates associated with the "Automotive Sales" category (ITE #841) were selected to estimate the number of new vehicle trips associated with the proposed project. The peak period trip rates are presented for both the "peak hour of the adjacent street system" and "peak hour of the generator." The rates associated with the "peak hour of the adjacent street system" represent the trip generation expected during the typical commuter peak periods (highest hour between 7:00-9:00 AM and 4:00-6:00 PM). The rates associated with the "peak hour of the generator" represent the highest trip generation associated with the actual land use, which occurs during non-peak periods on the adjacent street system (e.g. mid-morning, mid-afternoon and/or after 6:00 PM). It is noted that the "peak hour of the generator" rates are approximately 15% higher during the morning period and 7% higher during the afternoon period, as compared to the "peak hour of the adjacent street system" rates. The mid-day (MD) peak hour rates are based on an average of the AM and PM rates. The ITE trip generation rates for the Automotive Sales category are presented in Table 1.

Findlay Automotive L01

Pinnacle Traffic Engineering

Mr. Jim P. Freitas March 14, 2016 Page 2 of 3

|                                |                                   | 1.<br> |        |           |      |       |       |  |  |  |  |
|--------------------------------|-----------------------------------|--------|--------|-----------|------|-------|-------|--|--|--|--|
|                                | Trip Generation Rate per 1,000 SF |        |        |           |      |       |       |  |  |  |  |
| ITE Code - Land Use            | AM Peak                           |        | Mid-Da | y Pk. (a) | PM   | Daily |       |  |  |  |  |
|                                | In                                | Out    | In     | Out       | In   | Out   | Dany  |  |  |  |  |
| #841 - Automobile Sales:       |                                   |        |        |           |      |       | 32.30 |  |  |  |  |
| Peak Hour of Street System (b) | 1.44                              | 0.48   | 1.25   | 1.03      | 1.05 | 1.57  | ~*    |  |  |  |  |
| Peak Hour of Generator (c)     | 1.22                              | 1.00   | 1.27   | 1.24      | 1.32 | 1.48  | -     |  |  |  |  |

(a) Mid-day peak hour trip rates are average of AM and PM peak hour trip rates

(b) Trip rates associated with the "peak hour of the adjacent street system" represent the trip generation between the hours of 7:00-9:00 AM and 4:00-6:00 PM

(c) Trip rates associated with the "peak hour of the generator" represent the highest trip generation for the land use, which occurs during non-peak periods on the adjacent street system

The trip generation estimates associated with the proposed project were derived using the ITE rates in Table 1. To present a worst-case scenario, the trip rates associated with the "peak hour of the generator" were used for the project trip generation analysis. It is noted that this approach is consistent with the methodology required by Caltrans District 10 staff. The project trip generation estimates are presented in Table 2.

|                                   |    | Number of Vehicle Trips |        |        |    |       |       |  |  |  |  |
|-----------------------------------|----|-------------------------|--------|--------|----|-------|-------|--|--|--|--|
| ITE Code - Land Use               | AM | Peak                    | Mid-Da | y Peak | PM | Daily |       |  |  |  |  |
|                                   | In | Out                     | In     | Out    | In | Out   | Daily |  |  |  |  |
| Automobile Dealership (25,320 SF) | 31 | 25                      | 32     | 31     | 33 | 37    | 818   |  |  |  |  |

Table 2 - Project Trip Generation Estimates

The data in Table 2 indicates that the project will generate approximately <u>818</u> daily trips (two-way trip ends), with <u>56</u> trips during the AM peak hour (31 inbound & 25 outbound), <u>63</u> trips during the mid-day peak hour (32 inbound & 31 outbound), and <u>70</u> trips during the PM peak hour (33 inbound & 37 outbound).

The assignment of trips to the local street was based on a review of the 2013 traffic count data at the McHenry Avenue (State Route 108) and Pelandale Avenue-Claratina Avenue intersection, and data contained in the Traffic Impact Studies (TIS) prepared for the CarMax (2006) and Infiniti (2014) Automobile Dealership projects. It is estimated that approximately <u>60%</u> will be oriented to and from McHenry Avenue (30% north of Pelandale Avenue-Claratina Avenue and 30% south of the project site), <u>25%</u> will be oriented to and from the west on Pelandale Avenue, and <u>15%</u> will be oriented to and from the east on Claratina Avenue. These percentages represent the overall area wide travel pattern distribution associated with the proposed project. It is noted that since the

Findlay Automutive Project

Mr. Jim P. Freitas March 14, 2016 Page 3 of 3

northbound U-turn movement is currently prohibited at the McHenry Avenue (State Route 108) and Pelandale Avenue-Claratina Avenue intersection, the ingress (inbound) traffic coming from the areas south of the project site will actually use either Pelandale Avenue or Claratina Avenue to access the project site. Twenty percent (20%) of the ingress project traffic coming from areas to the south were assigned to Pelandale Avenue and 10% were assigned to Claratina Avenue. The trip assignment percentages for the overall area wide distribution of project trips are illustrated on Figure 1A, along with the distribution percentages for the project driveways. The project daily and PM peak hour trips are shown on Figure 1B.

Please contact my office with any questions regarding the traffic detour operations associated with the railroad bridge trestle painting project

HAT O. HAT

C 53.279

6-30-17

CAL

CIVIL

ACTESSION

ARRY D. HA

TR. 2.372

Fm 6-30-18

TRAFFIC

OF CAL

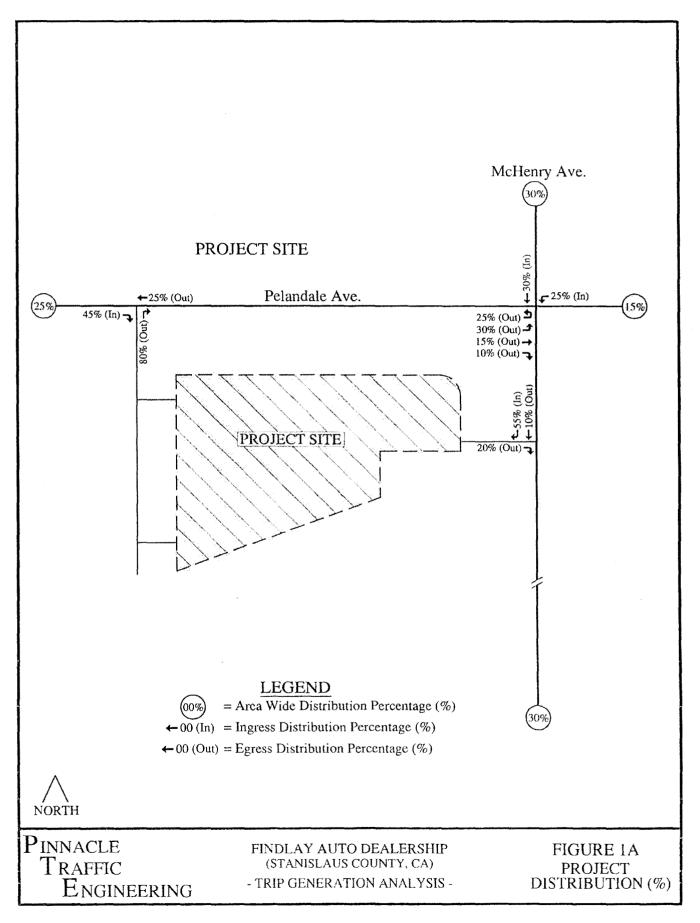
Pinnacle Traffic Engineering

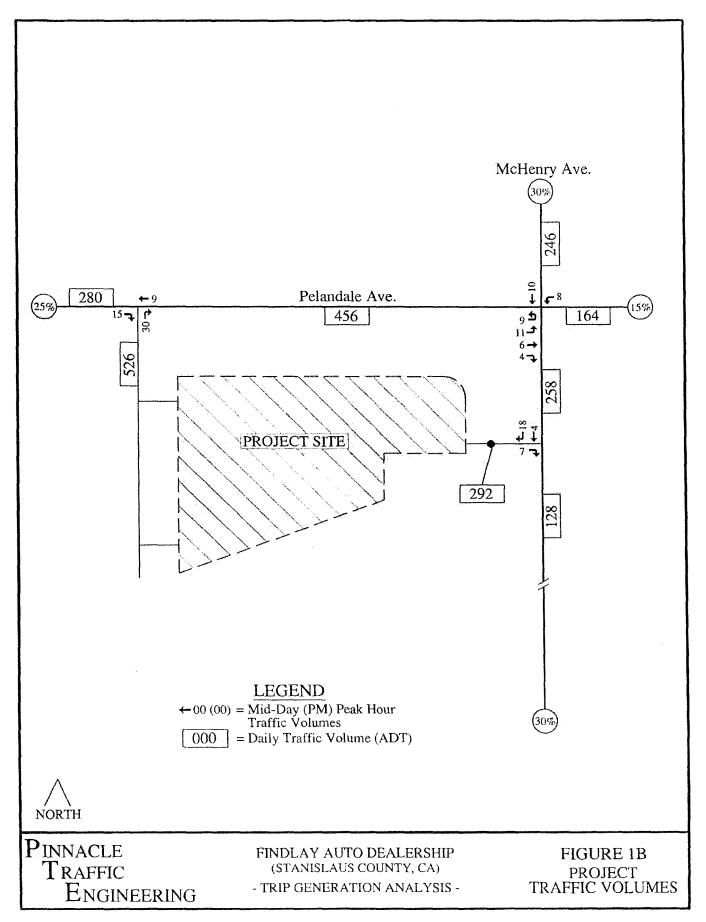
10. T.)

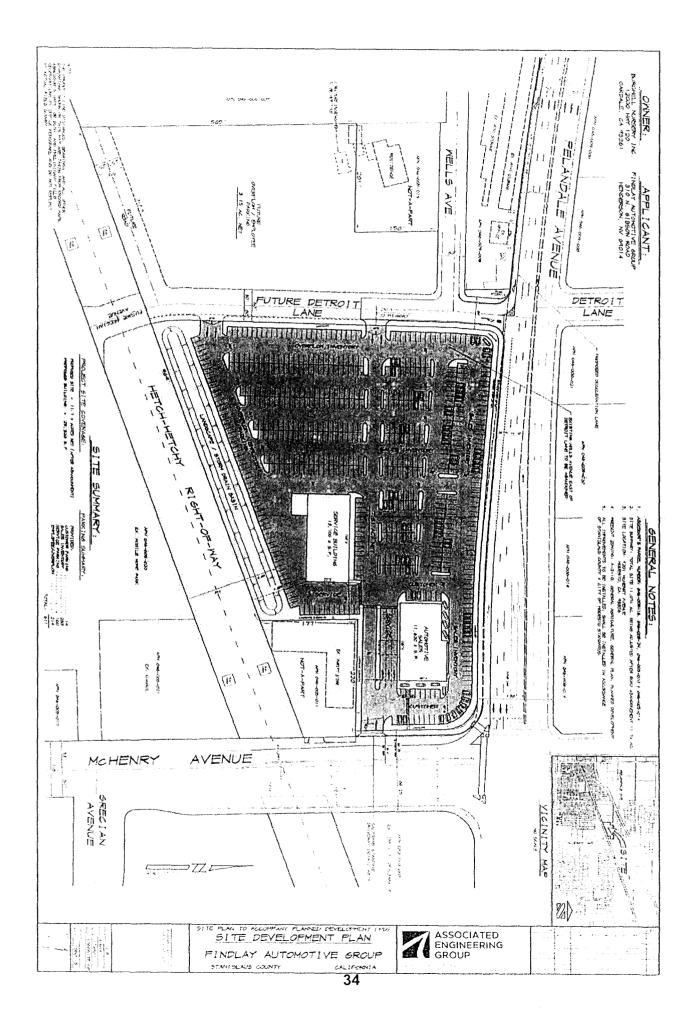
Larry D. Hail, CE, TE, PTOE President

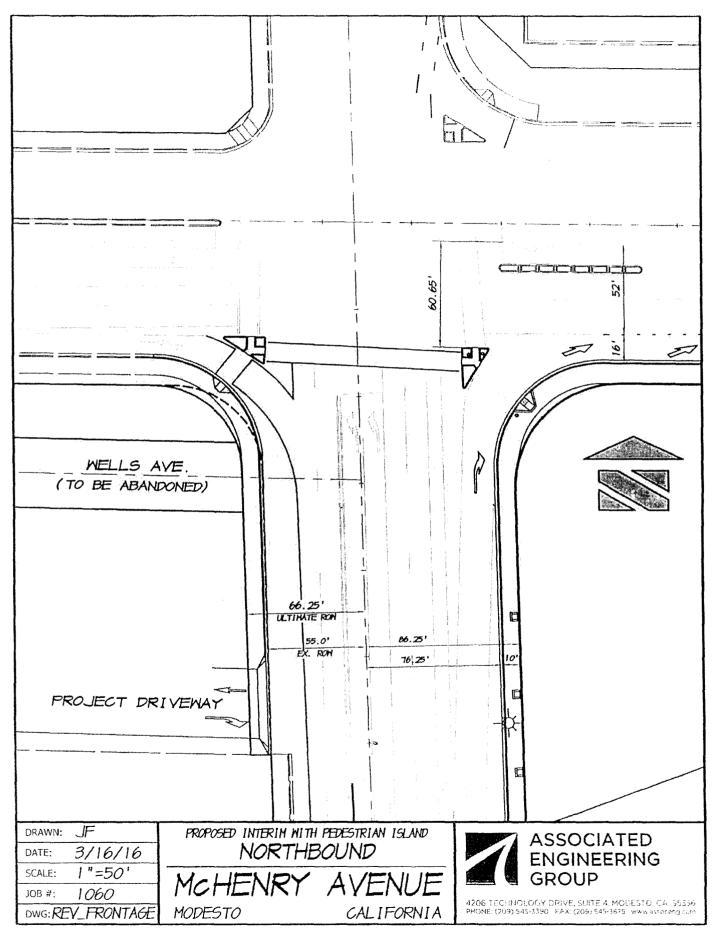
ldh: msw

Attachment Material: Figure 1A - Project Distribution (%) Figure 1B - Project Traffic Volumes









## HCM 2010 Signalized Intersection Summary <u>1: McHenry/McHenry Ave. & Pelandale Ave.</u>

| Verse 1.1.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2 | ٨            | >          | $\mathbf{i}$ | <b>F</b>  | -           | ×            | *      | 1    | 1           | 4           | Ļ                    | -                    |
|---|--------------|------------|--------------|-----------|-------------|--------------|--------|------|-------------|-------------|----------------------|----------------------|
| Movement                                      | EBL          | EBT        | EBR          | WBL       | WBT         | WBR          | NBL    | NBT  | NBR         | SBL         | SBT                  | SBR                  |
| Lane Configurations                           | ሻሻ           | <u>†</u> † | 7            | ኻካ        | <b>†††</b>  | 7            | ሻሻ     | 个个   | 7           | 35          | 朴                    |                      |
| Volume (veh/h)                                | 321          | 718        | 412          | 73        | 408         | 165          | 393    | 800  | 97          | 358         | 1006                 | 417                  |
| Number  | 7            | 4          | 14           | 3         | 8           | 18           | 5      | 2    | 12          | 1           | 6                    | 16                   |
| Initial Q (Qb), veh                           | 0            | 0          | 0            | 0         | 0           | 0            | 0      | 0    | 0           | 0           | 0                    | 0                    |
| Ped-Bike Adj(A_pbT)                           | 1.00         |            | 1.00         | 1.00      |             | 1.00         | 1.00   |      | 1.00        | 1.00        |                      | 1.00                 |
| Parking Bus, Adj                              | 1.00         | 1.00       | 1.00         | 1.00      | 1.00        | 1.00         | 1.00   | 1.00 | 1.00        | 1.00        | 1.00                 | 1.00                 |
| Adj Sat Flow, veh/h/ln                        | 1863         | 1863       | 1863         | 1863      | 1863        | 1863         | 1863   | 1863 | 1863        | 1863        | 1863                 | 1900                 |
| Adj Flow Rate, veh/h                          | 349          | 780        | 448          | 79        | 443         | 179          | 427    | 870  | 105         | 389         | 1093                 | 453                  |
| Adj No. of Lanes                              | 2            | 2          | 1            | 2         | 3           | 1            | 2      | 2    | 1           | 2           | 2                    | 0                    |
| Peak Hour Factor                              | 0.92         | 0.92       | 0.92         | 0.92      | 0.92        | 0.92         | 0.92   | 0.92 | 0.92        | 0.92        | 0.92                 | 0.92                 |
| Percent Heavy Veh, %                          | 2            | 2          | 2            | 2         | 2           | 2            | 2      | 2    | 2           | 2           | 2                    | 2                    |
| Cap, veh/h                                    | 542          | 834        | 588          | 98        | 543         | 429          | 467    | 1618 | 724         | 565         | 1195                 | 484                  |
| Arrive On Green                               | 0.16         | 0.24       | 0.24         | 0.03      | 0.11        | 0.11         | 0.14   | 0.46 | 0.46        | 0.16        | 0.49                 | 0.49                 |
| Sat Flow, veh/h                               | 3442         | 3539       | 1583         | 3442      | 5085        | 1583         | 3442   | 3539 | 1583        | 3442        | 2461                 | 996                  |
| Grp Volume(v), veh/h                          | 349          | 780        | 448          | 79        | 443         | 179          | 427    | 870  | 105         | 389         | 779                  | 767                  |
| Grp Sat Flow(s), veh/h/ln                     | 1721         | 1770       | 1583         | 1721      | 1695        | 1583         | 1721   | 1770 | 1583        | 1721        | 1770                 | 1687                 |
|   | 13.3         | 30,2       | 33.0         | 3.2       | 11.9        | 0.0          | 17.1   | 24.8 | 4.5         | 14.9        | 56.6                 | 60.1                 |
| Q Serve(g_s), s                               | 13.3<br>13.3 | 30.2       | 33.0         | 3.2       | 11.9        | 0.0<br>D,0 k | 17,1   | 24.0 |             | 14.9        | 56.6                 | 60.1                 |
| Cycle Q Clear(g_c), s                         |              | 20.2       | 1.00         | 1.00      | 11.9        | 1.00         | 1.00   | 24.0 | 4.5<br>1.00 | 14.9        | 0.00                 | 0.59                 |
| Prop In Lane                                  | 1.00<br>542  | 834        | 588          | 98        | 543         | 429          | 467    | 1618 | 724         | 565         | 860                  | 0.59<br>819          |
| Lane Grp Gap(c), veh/h                        |              |            |              | - Million |             | 0.42         |        |      |             |             |                      | Contraction Reserves |
| V/C Ralio(X)                                  | 0.64         | 0.93       | 0.76         | 0.80      | 0.82<br>618 |              | 0.91   | 0.54 | 0.15        | 0.69        | 0.91                 | 0.94                 |
| Avail Cap(c_a), veh/h                         | 542          | 834        | 588          | 98        |             | 452          | 467    | 1618 | 724         | 565         | 860                  | 819                  |
| HCM Platoon Ratio                             | 1.00         | 1.00       | 1.00         | 1.00      | 1.00        | 1.00         | 1.00   | 1.00 | 1.00        | 1.00        | 1.00                 | 1.00                 |
| Upstream Filter(I)                            | 1.00         | 1.00       | 1.00         | 1.00      | 1.00        | 1.00         | 1.00   | 1.00 | 1.00        | 1.00        | 1.00                 | 1.00                 |
| Uniform Delay (d), s/veh                      | 55.3         | 52.4       | 38.6         | 67.6      | 61.2        | 41.9         | 59.7   | 27.4 | 15.7        | 55.1        | 33.1                 | 34.0                 |
| Incr Delay (d2), s/veh                        | 2.6          | 17.5       | 5.8          | 36.6      | 7.5         | 0.6          | 22.5   | 1.3  | 0.4         | 3.5         | 14.9                 | 19.3                 |
| Initial Q Delay(d3),s/veh                     | 0.0          | 0.0        | 0.0          | 0.0       | 0.0         | 0.0          | 0.0    | 0.0  | 0.0         | 0.0         | 0.0                  | 0.0                  |
| %ile BackOfQ(-26165%), veh/In                 |              | 16.8       | 16.1         | 2.0       | 6.0         | 5.7          |        | 12.4 | 2.1         | 7.4         | 31.0                 | 32.3                 |
| LnGrp Delay(d),s/veh                          | 57.9         | 69.9       | 44.4         | 104.2     | 68.7        | 42.6         | 82.2   | 28.6 | 16.1        | 58.6        | 48.0                 | 53.3                 |
| LnGrp LOS                                     | <u> </u>     | E          | D            | <u> </u>  | E           | <b>D</b> .   | F-     | C.   | <b>B</b>    | <b>E</b>    | D                    | D                    |
| Approach Vol, veh/h                           |              | 1577       |              |           | 701         |              |        | 1402 |             |             | 1935                 |                      |
| Approach Delay, s/veh                         |              | 60.0       |              |           | 66.0        |              |        | 44.0 |             |             | 52.2                 |                      |
| Approach LOS                                  |              | E          |              |           | E           |              |        | D    |             |             | D                    |                      |
| Timer   | 1.<br>1      | 2          | <b>3</b> `i  | 4         | 5 m         | 6            | N 4 7. | 8    |             |             | ir The               | <b>Star</b> el       |
| Assigned Phs                                  | 1            | 2          | 3            | 4         | 5           | 6            | 7      | 8    |             |             |                      |                      |
| Phs Duration (G+Y+Rc), s                      | 27.0         | 68.0       | 8.0          | 37.0      | 23.0        | 72.0         | 26.1   | 18.9 |             | a<br>ay mai | 4                    |                      |
| Change Period (Y+Rc), s                       | 4.0          | 4.0        | 4.0          | 4.0       | 4.0         | 4.0          | 4.0    | 4.0  |             |             |                      |                      |
| Max Green Setting (Gmax), s                   | 23.0         | 64.0       | 4.0          | 33.0      | 19.0        | 68.0         | 20.0   | 17.0 |             |             |                      |                      |
| Max Q Clear Time (q_c+11), s                  | 16.9         | 26.8       | 5.2          | 35.0      | 19.1        | 62.1         | 15.3   | 13.9 |             |             |                      |                      |
| Green Ext Time (p_c), s                       | 4.8          | 6.9        | 0.0          | 0.0       | 0.0         | 4.7          | 3.0    | 1.0  |             |             |                      |                      |
| Intersection Summary                          |              |            |              |           |             | 34.0-40 Q    | AU M   | 0003 |             |             | 아이에 아이<br>아이에 아이에 아이 |                      |
| HCM 2010 Ctrl Delay                           |              |            | 54.1         |           |             |              |        |      |             |             |                      |                      |
| HCM 2010 LOS                                  |              |            | D            |           |             |              |        |      |             |             |                      |                      |
|   |              |            | U            |           |             |              |        |      |             |             |                      |                      |

Findaly Modesto - 2025 + Project PM Peak Hour Mitigated -LDH Synchro 8 Light Report Page 1

3/14/2016

|       |        | 2025 - No Project PM |    |
|-------|--------|----------------------|----|
| Larry | opened | 5/16/2016 4:18:59 PM | 0  |
| Larry | closed | 5/16/2016 4:18:59 PM | Ō  |
| Larry | opened | 5/16/2016 4:19:00 PM | 0  |
| Larry | closed | 5/16/2016 4:19:21 PM | 20 |
| Larry | opened | 5/16/2016 4:27:01 PM | 0  |
| Larry | closed | 5/16/2016 4:27:01 PM | 0  |
| Larry | opened | 5/16/2016 4:27:03 PM | Ő  |
| Larry | closed | 5/16/2016 4:27:14 PM | 10 |
| Larry | opened | 5/16/2016 4:28:50 PM | 0  |
| Larry | closed | 5/16/2016 4:29:14 PM | 24 |
| Larry | opened | 5/16/2016 4:29:14 PM | 0  |
| Larry | closed | 5/16/2016 4:29:14 PM | 0  |
| Larry | opened | 5/16/2016 4:29:15 PM | 0  |
| Larry | closed | 5/16/2016 4:29:30 PM | 14 |
|       |        |                      |    |

# HCM 2010 Signalized Intersection Summary 1: McHenry/McHenry Ave. & Pelandale Ave.

| ≁           | >  | $\mathbf{F}$  | ¥  | <b>∢</b>  | ×.   | •   | Ť   | 1   | 1  | ¥   | ~   |
|-------------|--|---|--|---|--|---|---|---|--|---|---|
| EBL         | EBT  | EBR   | WBL  | WBT   | WBR  | NBL   | NBT   | NBR   | SBL  | SBT   | SBF   |
| ሻሻ          | <u>^</u>   | 7   | ካካ   | ***   | 1  | ሻሻ  | <b>木</b> 木  | *   | ኻኻ   | <b>↑</b> 1 <sub>+</sub>   |   |
|             |  | 408   |  | 408   |  |   |   | 97  | 358  |   | 41  |
|             |  |   |  |   |  |   |   |   | 1  |   | 1   |
| 0           | 0  |   |  |   |  |   |   |   | ð  |   |   |
|             | •  | -   |  | Ū   |  |   | · ·   |   | -  | · u   | 1.0   |
|             | 1.00   |   |  | 1.00  |  |   | 1.00  |   |  | 1.00  | 1.0   |
|             |  |   |  |   |  |   |   |   |  |   | 190   |
|             |  |   |  |   |  |   |   |   |  |   | 45  |
|             |  |   |  |   |  |   |   |   |  |   | 70  |
|             |  |   |  |   |  |   |   |   |  |   | 0.9   |
|             |  |   |  |   |  |   |   |   |  |   | 0.0   |
|             |  |   |  |   |  |   |   |   |  |   | .48   |
|             |  |   |  |   |  |   |   |   |  | the first sector to the   |   |
|             |  |   |  |   |  |   |   |   |  |   | 0.4   |
|             |  |   |  |   |  |   |   |   | and the second   | the second s  | 100   |
|             |  |   |  |   |  |   |   |   |  |   | 76  |
|             |  |   |  | and the standard sectors of   |  |   |   |   |  |   | 168   |
|             |  |   |  |   |  |   |   |   |  |   | 59  |
|             | 29.9   |   |  | 11.9  | of the second  |   | 24.8  |   |  | 56.1  | - 59.   |
|             |  |   |  |   |  |   |   |   |  |   | 0.6   |
| 538 -       | 834  | 586   | 98   | 549,  | 429  | 467.  | 1618  | 721   | 565  | 860 🗠   | . 81  |
| 0.61        | 0.93   | 0.76  | 0.72   | 0.81  | 0.42   | 0.91  | 0.54  | 0.15  | 0.69   | 0.90  | 0.9   |
| 538         | 834  | 586   | 98   | 618   | 450  | 467   | 1618  | 721   | 565  | 860   | 81  |
| 1.00        | 1.00   | 1.00  | 1.00   | 1.00  | 1.00   | 1.00  | 1.00  | 1.00  | 1.00   | 1.00  | 1.0   |
| 1.00        | 1.00   | 1.00  | 1.00   | 1.00  | 1.00   | 1.00  | 1:00  | 1.00  | 1.00   | 1.00  | 1.0   |
| 55.1        | 52.3   | 38,5  | 67.4   | 61.0  | 41.8   | 59,7  | 27.4  | 15.7  | 55.1   |   | 33  |
|             |  |   |  |   |  |   |   |   |  |   | - 18  |
|             |  |   |  |   |  | · · · · · · ·   |   |   | ALL ADDRESS AND ALL ADDRESS  | and it is addressed to a  | 0   |
|             |  |   |  |   |  |   |   |   |  |   |   |
|             |  |   |  |   |  |   |   |   |  |   | 52  |
|             |  |   |  |   |  |   |   |   |  |   |   |
|             |  | <u> </u>  |  |   |  | n   |   | <b>–</b>  |  | - Allowing and the second s | - 10- <u>- 10- 1</u>                                    |
|             |  |   |  |   | a line   |   |   |   | and the second   |   | al to be  |
|             |  |   |  |   |  |   |   |   | 이 위한 이 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전   |   |   |
| South State |  |   | New York States  | Hard Company and Company and Company  | adama ( 1972) d  |   | -   | nora (" a nintificana   |  |   | NSBASA  |
| 122311.7    | 2  |   | And Carl Mechanics 6100  | Construction and the second | and a many of the sure of the sure   | <u> </u>  |   |   |  |   | , <b>1</b> ,  |
| •           |  | -   |  |   |  | -   |   |   |  |   |   |
|             |  |   |  |   |  |   |   |   |  |   |   |
|             |  |   |  |   |  |   |   |   |  |   |   |
|             |  |   |  |   |  |   |   |   |  |   |   |
|             |  |   |  |   |  |   |   |   |  |   |   |
| 4.8         | 6.9  | 0.0   | 0.0  | 0.0   | 5.1  | 3.4   | 1.0   |   |  |   |   |
| bi (A)      |  |   | 12: Angel  |   |  |   | S Materi  |   | <u> 82.80</u> 4  |   |   |
|             |  | 53.3  |  |   |  |   |   |   |  |   |   |
|             |  |   |  |   |  |   |   |   |  |   |   |
|             |  | 0   |  |   |  |   |   |   |  |   |   |
|             | EBL <sup>h</sup> <sup>h</sup> 301           7           0           1.00           1863           327           2           0.92           2           538           0.16           3442           327           1721           12.4           12.4           1.00           538           0.61           538           1.00           55.1           2.0           6.1           57.0           E           1.00           55.1           2.0           0.0           6.1           57.0           E           1           27.0           4.8 | EBL         EBT           下下         ↑↑           301         712           7         4           0         0           1.00         1.00           1.00         1.00           1.00         1.00           1863         1863           327         774           2         2           538         834           0.16         0.24           3442         3539           327         774           1721         1770           12.4         29.9           1.00         538           538         834           0.61         0.93           538         834           0.00         1.00           55.1         52.3           2.0         16.4           0.0         0.0           6.1         16.5           57.0         68.7           E         E           1         2           27.0         68.0           4.0         4.0           23.0         64.0           16.9         26.8 <t< td=""><td>EBL         EBT         EBR           <math>\gamma \gamma</math> <math>\uparrow \uparrow</math> <math>\vec{r}</math>           301         712         408           7         4         14           0         0         0           1,00         1.00         1.00           1863         1863         1863           327         774         443           2         2         1           0.92         0.92         0.92           2         2         2           538         834         586           0.16         0.24         0.24           3442         3539         1573           12.4         29.9         33.0           1.00         1.00         1.00           538         834         586           0.61         0.93         0.76           538         834         586           1.00         1.00         1.00           1.00         1.00         1.00           55.1         52.3         38.5           2.0         16.4         5.6           0.0         0.0         0.0           57.0         68.7</td><td>EBL         EBT         EBR         WBL           <math>\begin{tabular}{lllllllllllllllllllllllllllllllllll</math></td><td>EBL         EBT         EBR         WBL         WBT           <math>\gamma_{\gamma}</math> <math>\uparrow_{\uparrow}</math> <math>\gamma_{\gamma}</math> <math>\uparrow_{\uparrow\uparrow}</math> <math>\gamma_{\gamma}</math> <math>\uparrow_{\uparrow\uparrow}</math>           301         712         408         65         408           7         4         14         3         8           0         0         0         0         0           1.00         1.00         1.00         1.00         1.00           1.00         1.00         1.00         1.00         1.00           1.00         1.00         1.00         1.00         1.00           1.00         1.00         1.00         1.00         1.00           1.00         1.00         1.00         1.00         1.00           1.00         1.00         1.00         1.00         1.00           1.01         0.92         0.92         0.92         0.92         0.92           2         2         2         2         2         2         2           538         834         586         98         549           0.61         0.93         0.76         0.72         0.81           538         834         586&lt;</td><td>EBL         EBT         EBR         WBL         WBT         WBR           <math>\hat{T}</math> <math>\hat{T}</math> <math>\hat{T}</math> <math>\hat{T}</math> <math>\hat{T}</math> <math>\hat{T}</math> <math>\hat{T}</math>           301         712         408         65         408         165           7         4         14         3         8         18           0         0         0         0         0         0           1.00         1.00         1.00         1.00         1.00         1.00           1863         1863         1863         1863         1863         1863           327         774         443         71         443         179           2         2         1         2         3         1           0.92         0.92         0.92         0.92         0.92           2         2         2         2         2         2         2           338         834         566         98         549         429           0.16         0.24         0.24         0.03         0.11         0.11           3442         3539         1573         3442         5085         1561</td><td>EBL         EBT         EBR         WBL         WBT         WBR         NBL           <math>\uparrow \uparrow</math>           301         712         408         65         408         165         393           7         4         14         3         8         18         5           0         0         0         0         0         0         0         0           1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00           1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00           1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00           1.00         1.00         1.00         1.00         1.00         1.00         1.00           1.02         0.92         0.92         0.92         0.92         0.92         0.92         0.92         0.92         0.92         0.92         0.92         0.92         0.92         0.92         0.92         0.92         0.92         0.93</td><td>EBL         EBT         EBR         WBL         WBT         WBR         NBL         NBT           <math>\gamma\gamma</math> <math>\uparrow</math> <math>\gamma\gamma</math> <math>\uparrow\gamma</math> <math>\uparrow\uparrow\gamma</math> <math>\uparrow\uparrow\gamma</math> <math>\uparrow\uparrow\uparrow</math> <math>\uparrow\uparrow\gamma</math> <math>\uparrow\uparrow\uparrow</math> <math>\uparrow\uparrow\gamma</math> <math>\uparrow\uparrow\uparrow</math> <math>\uparrow\uparrow</math> <math>\uparrow\uparrow\uparrow</math> <math>\uparrow\uparrow</math> <math>\uparrow\uparrow\uparrow</math></td><td>EBI         EBT         EBR         WBL         WBT         WBR         NBL         NBT         NBR           Nh         <math>\uparrow \uparrow</math> <math>\uparrow \uparrow</math> <math>\uparrow \uparrow</math> <math>\uparrow \uparrow \uparrow</math> <math>\uparrow \uparrow \uparrow</math> <math>\uparrow \uparrow \uparrow \uparrow</math> <math>\uparrow \uparrow \uparrow \uparrow \uparrow</math> <math>\uparrow \uparrow </math></td><td><math display="block"> \begin{array}{c c c c c c c c c c c c c c c c c c c </math></td><td><math display="block"> \begin{array}{c c c c c c c c c c c c c c c c c c c </math></td></t<> | EBL         EBT         EBR $\gamma \gamma$ $\uparrow \uparrow$ $\vec{r}$ 301         712         408           7         4         14           0         0         0           1,00         1.00         1.00           1863         1863         1863           327         774         443           2         2         1           0.92         0.92         0.92           2         2         2           538         834         586           0.16         0.24         0.24           3442         3539         1573           12.4         29.9         33.0           1.00         1.00         1.00           538         834         586           0.61         0.93         0.76           538         834         586           1.00         1.00         1.00           1.00         1.00         1.00           55.1         52.3         38.5           2.0         16.4         5.6           0.0         0.0         0.0           57.0         68.7 | EBL         EBT         EBR         WBL $\begin{tabular}{lllllllllllllllllllllllllllllllllll$                   | EBL         EBT         EBR         WBL         WBT $\gamma_{\gamma}$ $\uparrow_{\uparrow}$ $\gamma_{\gamma}$ $\uparrow_{\uparrow\uparrow}$ $\gamma_{\gamma}$ $\uparrow_{\uparrow\uparrow}$ 301         712         408         65         408           7         4         14         3         8           0         0         0         0         0           1.00         1.00         1.00         1.00         1.00           1.00         1.00         1.00         1.00         1.00           1.00         1.00         1.00         1.00         1.00           1.00         1.00         1.00         1.00         1.00           1.00         1.00         1.00         1.00         1.00           1.00         1.00         1.00         1.00         1.00           1.01         0.92         0.92         0.92         0.92         0.92           2         2         2         2         2         2         2           538         834         586         98         549           0.61         0.93         0.76         0.72         0.81           538         834         586< | EBL         EBT         EBR         WBL         WBT         WBR $\hat{T}$ $\hat{T}$ $\hat{T}$ $\hat{T}$ $\hat{T}$ $\hat{T}$ $\hat{T}$ 301         712         408         65         408         165           7         4         14         3         8         18           0         0         0         0         0         0           1.00         1.00         1.00         1.00         1.00         1.00           1863         1863         1863         1863         1863         1863           327         774         443         71         443         179           2         2         1         2         3         1           0.92         0.92         0.92         0.92         0.92           2         2         2         2         2         2         2           338         834         566         98         549         429           0.16         0.24         0.24         0.03         0.11         0.11           3442         3539         1573         3442         5085         1561 | EBL         EBT         EBR         WBL         WBT         WBR         NBL $\uparrow \uparrow$ 301         712         408         65         408         165         393           7         4         14         3         8         18         5           0         0         0         0         0         0         0         0           1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00           1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00           1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00           1.00         1.00         1.00         1.00         1.00         1.00         1.00           1.02         0.92         0.92         0.92         0.92         0.92         0.92         0.92         0.92         0.92         0.92         0.92         0.92         0.92         0.92         0.92         0.92         0.92         0.93 | EBL         EBT         EBR         WBL         WBT         WBR         NBL         NBT $\gamma\gamma$ $\uparrow$ $\gamma\gamma$ $\uparrow\gamma$ $\uparrow\uparrow\gamma$ $\uparrow\uparrow\gamma$ $\uparrow\uparrow\uparrow$ $\uparrow\uparrow\gamma$ $\uparrow\uparrow\uparrow$ $\uparrow\uparrow\gamma$ $\uparrow\uparrow\uparrow$ $\uparrow\uparrow$ $\uparrow\uparrow\uparrow$ $\uparrow\uparrow$ $\uparrow\uparrow\uparrow$ | EBI         EBT         EBR         WBL         WBT         WBR         NBL         NBT         NBR           Nh $\uparrow \uparrow$ $\uparrow \uparrow$ $\uparrow \uparrow$ $\uparrow \uparrow \uparrow$ $\uparrow \uparrow \uparrow$ $\uparrow \uparrow \uparrow \uparrow$ $\uparrow \uparrow \uparrow \uparrow \uparrow$ $\uparrow \uparrow $ | $ \begin{array}{c c c c c c c c c c c c c c c c c c c $   | $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ |

User approved changes to right turn type.

Findlay Automotive - 2025 No Project PM Peak Hour Mitigated -LDH Synchro 8 Light Report Page 1

# HCM 2010 Signalized Intersection Summary 2: Gecian & McHenry

|                              | ٨                           | ->                | $\mathbf{\hat{k}}$ | 4             | ◄                     | ×.         | 4  | 1     | 1                           | 1                                    | Ļ                          | -   |
|------------------------------|-----------------------------|-------------------|--------------------|---------------|-----------------------|------------|--|-------|-----------------------------|--------------------------------------|----------------------------|---|
| Movement                     | EBL                         | E8T               | EBR                | WBL           | WBT.                  | WBR        | NBL                                      | . NBT | NBR                         | SBL                                  | SBT                        | SBR   |
| Lane Configurations          |                             | 4                 |                    |               | ÷Ť                    | 7          | ሻ  | 朴存    |                             | 5                                    | <b>†</b> 1+                |   |
| Volume (veh/h)               | 1                           | 0                 | 7                  | 52            | 0                     | 119        | 11                                       | 1187  | 61                          | 48                                   | 1418                       | 3   |
| Number                       | 7                           | 4                 | 14                 | 3             | 8                     | 18         | 5  | 2     | 12                          | 1                                    | 6                          | 16  |
| Initial Q (Ob), veh          | 0                           | 0                 | 0                  | 0             | 0                     | 0          | 0  | 0     | Û                           | 0                                    | Û                          | 0   |
| Ped-Bike Adj(A_pbT)          | 1.00                        |                   | 1.00               | 1.00          |                       | 1.00       | 1.00                                     |       | 1.00                        | 1.00                                 |                            | 1.00  |
| Parking Bus, Adj             | 1.00                        | 1.00              | 1.00               | 1.00          | 1.00                  | 1.00       | 1.00                                     | 1.00  | 1,00                        | 1.00                                 | 1.00                       | 1.00  |
| Adj Sat Flow, veh/h/in       | 1900                        | 1900              | 1900               | 1900          | 1900                  | 1900       | 1900                                     | 1865  | 1900                        | 1900                                 | 1863                       | 1900  |
| Adj Flow Rate, veh/h         | 1                           | 0                 | 8                  | 57            | 0                     | 129        | 12                                       | 1290  | 66                          | 52                                   | 1541                       | 3   |
| Adj No. of Lanes             | 0                           | 1                 | 0                  | 0             | 1                     | 1          | 1  | 2     | 0                           | 1                                    | 2                          | 0   |
| Peak Hour Factor             | 0.92                        | 0.92              | 0.92               | 0.92          | 0.92                  | 0.92       | 0.92                                     | 0.92  | 0.92                        | 0.92                                 | 0.92                       | 0.92  |
| Percent Heavy Veh, %         | 0                           | 0                 | 0                  | 0             | 0                     | 0          | 0  | 2     | 2                           | 0                                    | 2                          | 2   |
| Cap, veh/h                   | 2                           | 0                 | 13                 | 192           | 0                     | • 171      | - 21                                     |       | 114                         | 66                                   | 2440                       | 5   |
| Arrive On Green              | 0.01                        | 0.00              | 0.01               | 0.11          | 0.00                  | 0.11       | <b>0</b> .01                             | 0.65  | 0.65                        | 0.04                                 | 0.67                       | 0.67  |
| Sat Flow, veh/h              | 182                         | . 0               | 1453               | 1810          | . 0                   | 1615       |  | 3430  | 175.                        | 1810                                 |                            | 2177  |
| Grp Volume(v), veh/h         | 9                           | 0                 | 0                  | 57            | 0                     | 129        | 12                                       | 665   | 691                         | 52                                   | 752                        | 792   |
| Grp Sat Flow(s), veh/h/in    | 1635                        |                   |                    | 1810          | Ŏ                     |            | 1810                                     |       |                             |                                      | 1770                       | 1862  |
| Q Serve(g_s), s              | 0.4                         | 0.0               | 0.0                | 2.3           | 0.0                   | 6.2        | 0.5                                      | 16.9  | 17.0                        | 2.3                                  | 19.3                       | 19.3  |
| Cycle Q Clear(g_c), s        | 0.4                         | 0.0               | 0.0                |               | 0.0                   | 6.2        | 0.5                                      |       | 17.0                        |                                      | 19.3                       | 19.3  |
| Prop In Lane                 | 0.11                        |                   | 0.89               | 1.00          | Finald <b>A.M.W</b>   | 1.00       | 1.00                                     |       | 0.10                        | 1.00                                 | ener fan en e              | 0.00  |
| Lane Grp Cap(c), veh/h 🎄 🔍   | 15                          | 0                 | 0.00               |               | - D                   |            |  | -1148 |                             |                                      | 1192                       |   |
| V/C Ratio(X)                 | 0.61                        | 0.00              | 0.00               | 0.30          | 0.00                  | 0.75       | 0.57                                     | 0.58  | 0.58                        | 0.78                                 | 0.63                       | 0.63  |
| Avail Cap(c_a), veh/h        | 327                         |                   | 0.00<br>0          |               |                       |            |  |       |                             |                                      | ⊴⊶1192                     |   |
| HCM Platoon Ratio            | 1.00                        | 1.00              | 1.00               | 1.00          | 1.00                  | 1.00       | 1.00                                     | 1.00  | 1.00                        | 1.00                                 | 1.00                       | 1.00  |
| Upstream Filter(I)           | 1.00                        | 0.00              |                    | 1.00          | 0.00                  |            |  | 1.00  |                             |                                      | 1.00                       |   |
| Uniform Delay (d), s/veh     | 39.5                        | 0.0               | 0.0                | 33.0          | 0.0                   | 34.8       | 39,3                                     | 7.9   | 7.9                         | 38.2                                 | 7.4                        | 7.4   |
|                              |                             | 0.0               | 0.0                |               | 0.0                   |            |  | 2,1   |                             | 25.9                                 | 2.5                        | 7.4<br>2.6 2.4  |
| Incr Delay (d2), s/veh       | 0.0                         | 0.0               |                    | 0.0           | 0.0<br>0.0            | 0.0<br>0.0 | د 41.0<br>0.0                            | 0.0   | 4.1<br>0.0                  | 0.0                                  | 0.0                        | 0.0   |
| Initial Q Delay(d3),s/veh    |                             |                   | 0.0<br>0.0         | 0.0<br>1.2    | 0.0<br>0.0            | 3,1        | 0.0                                      |       |                             |                                      | 0.0                        | 0.0   |
| %ile BackOfQ(-26165%),veh/In | 73.6                        | <b>0.0</b><br>0.0 | 0.0                | 33.9          | 0.0                   | 41.3       | 60.9                                     | 10.1  | 9.1<br>10.0                 | 64.1                                 | 10.0                       | 9.9   |
| LnGrp Delay(d),s/veh         | / J.0<br>E                  |                   |                    | 33.9<br>G     |                       | 41.3       |  |       | 10.0<br>. B                 | 04.I                                 |                            |   |
| LnGrp LOS                    | 9948 <b>E</b> 19            |                   | i - Qilin          | - U           |                       |            |  |       | e y D                       |                                      |                            | <u> 4855 A</u>  |
| Approach Vol, veh/h          | en en sei Aska              | 9                 | n for Backy 2.3 ;  | eraa tiraadaa | 186                   |            | an a | 1368  |                             |                                      | 1596                       | a de alta de la como de |
| Approach Delay, s/veh        | 1                           | 73.6              | 1. ALANGAR         |               | 39.0                  | 医囊状的       |  | 10,5  |                             |                                      | 117                        | negal (Alasia)  |
| Approach LOS                 |                             | E                 |                    |               | D                     |            |  | В     |                             |                                      | В                          |   |
| Timer 👘                      | 1.                          | 2                 | 3                  | 4             | 5.                    | . 6        | $\sim -7$                                | 8     |                             |                                      | · / • • •                  |   |
| Assigned Phs                 | 1                           | 2                 |                    | 4             | 5                     | 6          |  | 8     |                             |                                      |                            |   |
| Phs Duration (G+Y+Rc), s     | 6.9                         | 55.9              |                    | 4.7           | 4.9                   | 57.9       |  | 12.5  | en sed ded<br>Selen sed ded | 문을 통하는 사람을<br>문제하는 사람을 통하는 것이 같이 있다. |                            |   |
| Change Period (Y+Rc), s      | 4.0                         | 4.0               |                    | 4.0           | 4.0                   | 4.0        |  | 4.0   |                             |                                      |                            |   |
| Max Green Setting (Gmax), s  | 4.0                         | 23.0              |                    | 16.0          | 4.0                   | 28.0       | e sin Ba                                 | 16.0  |                             |                                      | t glavet et                |   |
| Max Q Clear Time (g_c+l1), s | 4.3                         | 19.0              |                    | 2.4           | 2.5                   | 21.3       |  | 8.2   |                             |                                      |                            |   |
| Green Ext Time (p_c), s      | 0.0                         | 8.2               |                    | 0.0           | 0.0                   | 6.2        |  | 0.4   |                             |                                      |                            |   |
| Intersection Summary         | E PHAN MERI<br>Manalak Para | CEARLS)           |                    |               |                       |            |  |       |                             | Q . 40                               |                            | 34 K - 1  |
| HCM 2010 Ctrl Delay          |                             |                   | 12.9               |               | and the second states |            |  | A     |                             |                                      | and the second case of the |   |
| HCM 2010 LOS                 |                             |                   | B                  |               |                       |            |  |       |                             |                                      |                            |   |
| 1101WI 2010 E00              |                             |                   | U                  |               |                       |            |  |       |                             |                                      |                            |   |

Findlay Automotive - 2025 No Project PM Peak Hour Mitigated -LDH

Synchro 8 Light Report Page 2

| Analysis:   |                    | 2 Direct<br>No | ion:                    |             | NB                      | Multip      | le-Perio                 | d       |
|---|--------------------|----------------|-------------------------|-------------|-------------------------|-------------|--------------------------|---------|
| PHASE SETTINGS  |                    |                |                         |             |                         |             |                          |         |
| NB<br>Phase   | NB                 | SB             | SB                      | WB          | WB                      | EB          | EB                       |         |
| Movement<br>Leag/Lag<br>Left-Turn Mode<br>Passage Time, s<br>Maximum Green, s<br>17 | Lead<br>Prot.<br>3 | <br>3<br>19    | Lag<br>Prot.<br>3<br>64 | 3<br>20     | Lag<br>Prot.<br>3<br>33 | <br>3<br>23 | Lead<br>Prot.<br>3<br>68 | 3       |
| Minimum Green, s  |                    | 4              | 4                       | 4           | 4                       | 4           | 4                        | 4       |
| 4<br>Yellow Change(Y),<br>3.5   | S                  | 3.5            | 3.5                     | 3.5         | 3.5                     | 3.5         | 3.5                      | 3.5     |
| Red Clearance(Rc),  | S                  | 0.5            | 0.5                     | 0.5         | 0.5                     | 0.5         | 0.5                      | 0.5     |
| 0.5<br>Walk + FDW, s<br>Max. Recall (1=On)  | 0                  | 16<br>0        | 0<br>1                  | 16<br>0     | 0<br>0                  | 16<br>0     | 0<br>1                   | 16<br>0 |
| 0<br>Ped. Recall (1=On)   |                    | 0              | 0                       | 0           | 0                       | 0           | 0                        | 0       |
| 0<br>Min. Recall (1=0n)   |                    | 0              | 0                       | 0           | 0                       | 0           | 0                        | 0       |
| 0<br>Dual Entry (1=On)  |                    | 0              | 1                       | 0           | 1                       | 0           | 1                        | 0       |
| 1<br>Simultaneous Gap O   | ut (1=0n)          |                | 1                       | 1           | 1                       | 1           | 1                        | 1       |
| 1 1<br>Dallas Phasing (1=   |                    | 0              | 0                       | 0           | 0                       | 0           | 0                        | 0       |
| 0<br>Prot. Right Turn (<br>0  |                    |                | 1                       |             | 0                       |             | 1                        |         |
| PHASE ASSIGNMENT  |                    |                |                         |             |                         |             |                          |         |
| Timer: 1<br>Assigned Phase<br>Assigned_Left-Turn                                    | 2<br>2<br>Mvmt.    | 3<br>1         | 4<br>3<br>0             | 5<br>4<br>1 | 6<br>5<br>3             | 7<br>6<br>0 | 8<br>8<br>. 5            | 7<br>0  |
| 0 7<br>Assigned Through M   | ivmt.              | 2              | 0                       | 0           | 4                       | 0           | 6                        | 8       |
| 0<br>Assigned Right-Tur   |                    |                | 12                      | 0           | 0                       | 14          | 0                        | 16      |
| 18 0<br>Timer w/Pr-Pm From<br>0 0   | Shared Lane        |                | 0                       | 0           | 0                       | 0           | 0                        | 0       |
| TRAFFIC CHARACTER   | STICS              |                |                         |             |                         |             |                          |         |
|   |                    | NB             | SB                      | SB          | SB                      | WB          | WB                       | WB      |
| EB EB EL  | Т                  | R              | L                       | т           | R                       | L           | т                        | R       |
| L T R<br>Movement:  | 5                  | 2              | 12                      | 1           | 6                       | 16          | 3                        | 8       |
| 18 7 4<br>Adjusted Flow Rate<br>389 1083 45   |                    | 443            | 427<br>179<br>Page 1    | 870         | <b>10</b> 5             | 327         | 774                      | 443     |

Å

|   | 20           | 25 - No                      | Project i | PM input                        |                     |              |                        |          |
|---|--------------|------------------------------|-----------|---------------------------------|---------------------|--------------|------------------------|----------|
| Right-Turn-On-Red Volum   |              |                              | 0         |                                 | 0                   |              |                        | 0        |
| Heavy Vehicle Distribut   | ion, %<br>2  | 2                            | 2         | 2                               | 2                   | 2            | 2                      | 2        |
| Lane Utilization Adj. F.<br>1 0.9700000286102<br>0.949999988079071<br>0.910000026226044 | 29           | _                            | 99880790  |                                 | 29<br>1<br>00286102 | 0.97000      | 998807907<br>002861027 |          |
| Start-Up_Lost Time, s   | _            | 2                            | 2         | 2                               | 2                   | 2            | 2                      | 2        |
| 2 2 2<br>Green Extension Time, s<br>2 2 2 2   | 2            | 2<br>2<br>2                  | 2         | 2                               | 2                   | 2            | 2                      | 2        |
| Platoon Ratio   | 1            | 1                            | 1         | 1                               | 1                   | 1            | 1                      | 1        |
| 1 l 1<br>Filtering Factor   | 1            | 1                            | 1         | 1                               | 1                   | 1            | 1                      | 1        |
| l l l<br>Pedestrian Volume, ped/  | 1<br>h       | 1                            |           | 5                               |                     |              | 5                      |          |
| ہ<br>Bike Volume, bike/h  | -            | 5                            | 0         |                                 |                     | 0            |                        |          |
| 0<br>future_use   | 0            | 0                            | 0         | 0                               | 0                   | 0            | 0                      | 0        |
| 0    0   0<br>Initial Queue, veh  | 0            | 0                            | 0         | 0                               | 0                   | 0            | 0                      | 0        |
| 0   | 0            | 0<br>45                      | 45        | 45                              | 50                  | 50           | 50                     | 45       |
| 45 45 45<br>Adjusted Sat. Flow, veh<br>1862.7451171875 1862.74<br>1862.7451171875 1900  | 51171875     |                              | 51171875  | 51171875<br>1862.74<br>51171875 | 51171875            | 1862.74      | 51171875               |          |
| Period 1 Traffic Count,   | veh          | 0                            | 0         | 0                               | 0                   | 0            | 0                      | 0        |
| Period 2 Traffic Count,   | veh          | -                            | 0         | 0                               | 0                   | 0            | 0                      | 0        |
| 0 0 0<br>Period 3 Traffic Count,  | veh          | 0                            | 0         | 0                               | 0                   | 0            | 0                      | 0        |
| 0 0 0<br>Period 4 Traffic Count,  | -            | 0                            | 0         | 0                               | 0                   | 0            | 0                      | 0        |
| 0 0 0<br>Lane Volume Input?<br>used Not used<br>Not used Not use                        | 0<br>Not use | 0<br>Not use<br>d<br>Not use | Not use   | Not use<br>d                    | d<br>Not use        | Not use<br>d | d<br>Not use           | Not<br>d |
| Shared L+T lane, veh/h/   |              |                              | u         | 0                               |                     |              | 0                      |          |
| Exclusive lanes, veh/h  | 443          | 0<br>427<br>0                | 870       | 0                               | 327                 | 774          | 0                      | 389      |
| 1083 453 71<br>Shared T+R lane, veh/h/<br>0   |              | 0                            |           | 0                               |                     |              | 0                      |          |
| NTERSECTION APPROACH CH   | ADACTERT     | STICS                        |           |                                 |                     |              |                        |          |
|   |              |                              | 6 D       | C P                             | C P                 | MB           | MP                     | 1./P     |
| EB EB EB  | NB           | NB                           | SB        | SB<br>T                         | SB                  | WB           | WB<br>                 | WB       |
|   | T            | R                            | L<br>12   | Т                               | R                   |              | T                      | R        |
| Movement:<br>18 7 4   | 5<br>14      | 2                            | 12        | 1                               | 6                   | 16           | 3                      | 8        |
| Lanes 2<br>2 3 1  | 2            | 1                            | 2         | 2                               | 1                   | 2            | 2                      | 0        |
| Lane Assignment   |              |                              |           |                                 |                     |              |                        |          |
| Receiving Lanes<br>0         0           3  | 0<br>0       | 2                            | 0         | 0                               | 4                   | 0            | 0                      | 2        |
| Bay/Segment Length, ft<br>1041 0 230  | 259          | 124<br>320                   | 124       | 124                             | 325                 | 768          | 768                    | 175      |
|   |              |                              | Page 2    |                                 |                     |              |                        |          |

|  | 2025 – No                     | Project | PM input |          |            |          |       |
|--|-------------------------------|---------|----------|----------|------------|----------|-------|
| Parking Present?                                 | No                            | -       | NO       | NO       |            | NO       | NO    |
| NO NO  | No                            | 0       |          | 0        | 0          |          | 0     |
| Parking Maneuver Rate, m/h                       |                               | 0       |          | 0        | 0          |          | 0     |
| Bus Stopping Rate, busses/                       | า                             | 0       |          | 0        | 0          |          | 0     |
|  | •                             | ŏ       |          | 0        | Ũ          |          | 0     |
| Detector Length, ft                              | 20                            | 100     | 20       | 20       | 100        | 20       | 20    |
| 100 100 20 10                                    | 20                            |         |          |          |            |          |       |
| CALIBRATION PARAMETERS                           |                               |         |          |          |            |          |       |
| CALIBRATION PARAMETERS                           |                               |         |          |          |            |          |       |
|  |                               |         |          |          |            |          |       |
| Analysis time peri-                              | od, h:                        |         | 0.25     |          | Dist. b    | etween s | tored |
| vehicles, ft:<br>Base sat. flow rat              | $r_{\rm pr} = \frac{0}{h/ln}$ |         | 1900     |          | Queue l    | enath    |       |
| percentile:                                      | -26165                        |         | 1900     |          | Queue I    | engen    |       |
| Sneakers per cycle                               | , veh:                        |         | 2        |          | Left-tu    | rn       |       |
| equivalency factor:                              |                               |         | 99523162 |          |            | -        |       |
| Number of iteratio<br>factor: 1.                 | ns:<br>1764706373214          | 35      |          | Right-t  | urn equi   | valency  |       |
| Stored car lane le                               |                               | • 7     | 25       |          | Heavy v    | eh       |       |
| equivalency factor:                              |                               | 2       | 20       |          | neary v    | cir.     |       |
| Stored heavy veh.                                | lane length,f                 |         |          | 45       |            | Critica  | l gap |
| for permissive left, s:                          | •                             | 4.5     | 0 50000  | 00004622 | r <b>-</b> |          |       |
| Portion peds. push<br>Follow-up time for permiss | ing button:                   |         | 0.50999  | 99904632 | 57         |          |       |
| Deceleration rate,                               |                               |         | 4        | 2.5      | stop th    | reshold  |       |
| speed, mph:                                      | 5                             |         | ·        |          | Deep en    | esno ra  |       |
| Acceleration rate,                               |                               |         | 3.5      |          | Critica    | 1 Merge  | Gap,  |
| s: 3.  | 7000000476837                 | /2      |          |          |            |          |       |

2025 - No Project PM output

OUTPUT SUMMARY

| TIME PE<br>Equilib  |   | le Lengtl  | ı, s  |   | 140   |   |  |   |          |         |
|---|---|--|---|---|---|---|--|---|----------|---------|
| EB  | EB  | NB<br>EB   | NB  | NB  | SB  | SB  | SB   | WB  | WB       | WB      |
| L   | т   | L<br>R   | Т   | R   | L   | Т   | R  | L   | т        | R       |
| 18  | Movemen<br>7  |  | 5<br>14   | 2   | 12  | 1   | 6  | 16  | 3        | 8       |
| Volume,<br>453  | •   | 443  | 427<br>179  | 870   | 105   | 327   | 774  | 443                                       | 389      | 1083    |
|   | Queue,  |  | 0   | 0   | 0   | 0   | 0  | 0   | 0        | 0       |
| Ped-Bik   | e Adj. F  | actor (A<br>63697052   | _pbT)   | 0   | 1<br>0.99691  | 17641448  | 0.99671<br>97  | 87643051<br>1                             | 15       | 1       |
|   |   | j. Facto   | rs (f_bb<br>1   | x f_p)<br>1   | 1   | 1<br>1  | 1  | 1   | 1        | 1       |
| Adjuste<br>1862.74  | d Sat. F  | low Rate<br>1862.74  | , veh/h/<br>51171875  | ln  | 51171875  | 1862.74<br>1862.74  | 51171875   | 1862.74                                   |          |         |
| Lanes<br>2  | 3<br>signment   | 2<br>1   | 2   | 1   | 2   | 2   | 1  | 2   | 2        | 0       |
| 721.434<br>565.412<br>98.3326<br>Proport<br>0.45714<br>0.23571<br>0.10803<br>Approac<br>1925<br>Approac | 28596973<br>42865657<br>42865657<br>91183495<br>h Volume<br>ch Delay, | 537.745<br>5<br>ving On<br>42<br>81<br>81<br>52<br>e, veh/h<br>s/veh | 05615234<br>1190.42<br>549.410<br>Green<br>0.15624<br>0.16428 | 20019531<br>4<br>11425781<br>76660156<br>65876340<br>57193946<br>14287310 | 834.243<br>3<br>0.13571<br>87<br>84<br>839<br>1402<br>43.9997 | 65234375<br>486.278<br>428.805<br>42925262<br>0.23571<br>0.48571<br>0.10803<br>25341796 | 41186523<br>96923828<br>45<br>42865657<br>42865657<br>91183495 | 21484375<br>4<br>1<br>0.45714<br>81<br>81 | 28596973 | 42      |
|   | 922424316<br>380371093<br>Data  |  |   |   | 51.6656   | 79931640  | 96   |   |          |         |
| Assi  | Time<br>igned Pha   |  | 1   | 2<br>2  | 3<br>1  | 4<br>3  | 5<br>4   | 6<br>5                                    | 7<br>6   | 8<br>8  |
|   | se Durat  | ion (G+Y+  | 3<br>RC), 5   | 2<br>523162841  | 2<br>68   | 3<br>27   | 2<br>8   | 4<br>37                                   | 3<br>23  | 2<br>72 |
|   | 176837158<br>nge Perio<br>4   | od (Y+Rc)  |   | 23102041  | 4   | 4   | 4  | 4   | 4        | 4       |
| Max<br>4.77270<br>3.70079   |   | 23   | 3.70079   | , s<br>973194122<br>98464965  |   | 4.31697   | 219711303<br>717788690<br>877799983                            | 53  |          |         |
|   |   | en Settir<br>20  | ig (Gmax)   | ), S  |   | 64  | 23   | 4   | 33       | 19      |
| Мах   |   | Clearance  |   | g_c+11),<br>346496582   |   | 19.1380   | 26.771<br>57759704   | 32225036<br>59                            | 52       |         |

| 61.500732421875 13.9163951873779<br>Green Extension Time (g_e), 9<br>4.77282094955444 0<br>1.01723599433899 3.448539<br>Probability of Phase Call (p_<br>0.936778485774994 1 | 520393372      | 14.40174<br>0          | 96109009<br>6.864585<br>5.051341<br>1 |                         | 9<br>970197677<br>1 | '6       |    |
|--|----------------|------------------------|---------------------------------------|-------------------------|---------------------|----------|----|
| 0.999997019767761<br>Probability of Max Out (p_x)<br>1 0 1 0.880837  |                |                        | 0.950664                              | 152026367               | 72                  | 1        | 1  |
| Left-Turn Movement Data<br>Assigned Movement<br>7  | 0              | 1                      | 3                                     | 0                       | 5                   | 0        | 0  |
| Mvmt. Sat Flow, veh/h<br>3441.6435546875 0 0   | 3441.643       | 0<br>35546 <b>87</b> 5 | 3441.643                              | 35546875                | 3441.643            | 35546875 | 0  |
| Through Movement Data<br>Assigned Movement<br>O  | 2              | 0                      | 0                                     | 4                       | 0                   | 6        | 8  |
| Mvmt. Sat Flow, veh/h<br>3539.21557617188 0<br>Right-Turn Movement Data  | 2450.867       |                        | 57617188<br>5085.294                  | 3<br>143359 <b>37</b> 5 | 0<br>5              | 0<br>0   |    |
| Assigned Movement  | 12             | 0                      | 0                                     | 14                      | 0                   | 16       | 18 |
| Mvmt. Sat Flow, veh/h<br>1573.25744628906 0  | 1001.16        | 1578.138<br>143798828  | 306152344<br>3                        | 1<br>1561.350           | 0<br>046386719      | 0<br>Э   | 0  |
| Left Lane Group Data<br>Assigned Movement<br>7   | 0              | 1                      | 3                                     | 0                       | 5                   | 0        | 0  |
| /<br>Lane Assignment<br>(Prot)   |                | (Prot)                 | (Prot)                                |                         | (Prot)              |          |    |
| Lanes in Group<br>2  | 0              | 2                      | 2                                     | 0                       | 2                   | 0        | 0  |
| Group Volume (v), veh/h<br>0 327   |                | 0                      | 389                                   | 71                      | 0                   | 427      | 0  |
| Group Sat. Flow (s), veh/h/l   | n<br>1720.82   | 17773437               | 0<br>5                                | 1720,82<br>0            | 17773437<br>0       | 5        |    |
| Queue Serve Time (g_s), s<br>2.86473488807678 0<br>12.4017496109009  | 17.1386        | 0<br>775970459         |                                       | 72329711<br>0           | 9<br>0              |          |    |
| Cycle Queue Clear Time (g_c)   | , s<br>17.1386 | 77597045               | 0<br>Э                                | 14.9093<br>0            | 72329711<br>0       | 9        |    |
| *Perm LT Sat Flow Rate (s_<br>0 0 0 0 0  | 1), veh/       | h/ln                   |                                       | 0                       | 0                   | 0        | 0  |
| *Shared LT Sat Flow (s_sh)   | , veh/h/       | ln                     |                                       | 0                       | 0                   | 0        | 0  |
| *Perm LT Eff. Green (g_p),   | S              |                        | 0                                     | 0                       | 0                   | 0        | 0  |
| 0 0 0<br>*Perm LT Serve Time (g_u),  | S              |                        | 0                                     | 0                       | 0                   | 0        | 0  |
| 0 0 0<br>*Perm LT Que Serve Time (g  | _ps), s        |                        | 0                                     | 0                       | 0                   | 0        | 0  |
| 0 0 0<br>*Time to First Blk (g_f),   | S              |                        | 0                                     | 0                       | 0                   | 0        | 0  |
| 0 0 0<br>*Serve Time pre Blk (g_fs)  | , s            |                        | 0                                     | 0                       | 0                   | 0        | 0  |
| 0 0 0<br>*Proportion_LT Inside Lane  | (P_L)          |                        | 0 .                                   | 1                       | 1                   | 0        | 1  |
| 0 0 1<br>Lane Group Capacity (c), veh<br>98.3326721191406 0<br>537.745056152344  | /h<br>467.080  | 20019531               | 0<br>3                                | 565.412<br>0            | 84179687<br>0       | 5        |    |
| JJ, , , + JUJULJLJT  |                | Page 2                 |                                       |                         |                     |          |    |

| 20   | 25 - No        | Project          | PM out          | out                |                   |          |          |
|--|----------------|------------------|-----------------|--------------------|-------------------|----------|----------|
| Volume-to-Capacity Ratio (X)<br>0.72203803062439 0<br>0.608094751834869  | 0.9141         | 0<br>89696311    | 0.687<br>951    | 992751598<br>0     | 3358<br>0         |          |          |
| Available Capacity (c_a), ve<br>98.3326721191406 0   | eh/h<br>467.08 | 0200195 <b>3</b> | 0<br>13         | 565.4<br>0         | 128417968<br>0    | 75       |          |
| Upstream Filter Factor (I)   |                | 0                | 1               | 1                  | 0                 | 1        | 0        |
| 0 1<br>Uniform Delay (d1), s/veh<br>0 59.6956443786621   | 0              | 0                | 55.11           | 92703247           | 07 67.448         | 5855102  | 2539     |
| Incremental Delay (d2), s/ve<br>22.7055206298828 0   | 22.464         | 0<br>01214599    | 0<br>61         | 3.498<br>0         | 615503311<br>0    | 16       |          |
| I.98018622398376<br>Initial Queue Delay (d3), s/   |                |                  |                 |                    | 0                 | 0        | 0        |
| 0 0 0<br>Control Delay (d), s/veh<br>90.1541061401367 0  | 82.159         | 0<br>65270996    | 58.61<br>09     | .78855895<br>0     | 996<br>0          |          |          |
| 57.0465774536133<br>First-Term Queue (Q1), veh/<br>1.36082053184509 0<br>5.90423631668001                                    | ln<br>8 1248   | 12126159         | 0               | 7.077              | 534198760         | 99       |          |
| 5.90423631668091<br>Second-Term Queue (Q2), veh,<br>0.310096472501755 0  | /ln            | 01007041         | 0               | 0.274              | 744749069         | 214      |          |
| 0.310096472301735 0<br>0.14789380133152<br>Third-Term Queue (Q3), veh/   |                | 91007041         | .93             | 0                  | 0                 | 0        | 0        |
| 0 0 0<br>Percentile bk-of-que factor   |                |                  | 0               | 1                  | 1                 | 0        | 1        |
| 0 0 1  |                | ln               | Ū.              | 0                  | _                 | 7894783  | 1<br>202 |
| Percentile Back of Queue (Q<br>1.67091700434685 0<br>Percentile Storage Ratio (R<br>0.184526547789574 0<br>0.472005787859062 | <u>)</u> %)    |                  | 0               | 0                  |                   | 301180   |          |
| 0.472995787858963<br>  |                | 0                | 0               | 0                  | 0                 | 0        | · 0      |
| 0 0<br>Final (Residual) Queue (Qe)   | , veh          |                  | 0               | 0                  | 0                 | 0        | 0        |
| 0 0 0<br>Saturated Delay (ds), s/veh   |                | 0                | 0               | 0                  | 0                 | 0        | 0        |
| 0      0<br>Saturated Queue (Qs), veh  |                | 0                | 0               | 0                  | 0                 | 0        | 0        |
| 0 0<br>Saturated Capacity (cs), ve   | h/h            |                  | 0               | 0                  | 0                 | 0        | 0        |
| 0 0 0<br>Initial Queue Clear Time (t<br>0 0 0  | c), h          |                  | 0               | 0                  | 0                 | 0        | 0        |
| Middle Lane Group Data<br>Assigned Movement  | 2              | 0                | 0               | 4                  | 0                 | 6        | 8        |
| 0<br>Lane Assignment   | -<br>т         | C C              | Ū               | т                  | Ũ                 | т        | т        |
| Lanes in Group   | 2              | 0                | 0               | 2                  | 0                 | 1        | 3        |
| 0<br>Group Volume (v), veh/h   |                | 870              | 0               | 0                  | 774               | 0        |          |
| 774.74755859375 443 0<br>Group Sat. Flow (s), veh/h/   | ln             |                  |                 | . 60778808         |                   | 0        | 0        |
| 1769.60778808594 0<br>Queue Serve Time (g_s), s  |                |                  | 1322250         | 3662               | 09814453<br>0     | 0        | 0        |
| 29.9499263763428 0<br>Cycle Queue Clear Time (g_c  | ), s           | 00187683         | 24.7            | 11.91<br>713222503 | .63951873<br>8662 | 779<br>0 | 0<br>0   |
| 29.9499263763428 0<br>Lane Group Capacity (c), ve  | 56.070<br>h/h  | 00187683         | 1617            | .92712402          |                   | 779<br>0 | 0<br>0   |
| 834.24365234375 0 859.52<br>volume-to-Capacity Ratio (x  | 38037109       |                  | 549.<br>7250313 | 410766601          |                   | 0<br>0   |          |
|  |                | -92 3            |                 |                    |                   |          |          |

| 0.927786409854889 0                                     | 25 - No F<br>0.90136 | 2roject P<br>82603836 |                        |                     | 82234764            | 1             | 0       |
|---|----------------------|-----------------------|------------------------|---------------------|---------------------|---------------|---------|
| Available Capacity (c_a), v<br>834.24365234375 0 859.52 | eh/h<br>380371093    | 8                     | 1617.92                | 71240234            | 4<br>6              | 0             | 0       |
| Upstream Filter Factor (I)                              | 500571055            | 1                     | 0                      | 0                   | 1                   | Ő             | 1       |
| 1 0<br>Uniform Delay (d1), s/veh<br>52.3344383239746 0  |                      | 27.3522               | 14813232               | 4                   | 0                   | 0             |         |
| 52.3344383239746 0<br>Incremental Delay (d2), s/v       | 32.9322              | 92938232              | 4                      | 61.0060<br>45221710 | 72998046            | 9             | 0       |
| 16.3530216217041 0                                      | 14.4401              |                       | 3                      | 7.02924             | 96681213            | 4             | 0       |
| Initial Queue Delay (d3), s<br>0 0 0                    |                      |                       | 0                      | 0                   | 0                   | 0             | 0       |
| Control Delay (d), s/veh<br>68.6874618530273 0          | 17 3724              | 28.6383<br>40338134   | 80050659               | 2                   | 0<br>24096679       | 0             | 0       |
| First-Term Queue (Q1), veh/                             | ln                   |                       | 12.0832                | 94868469            | 2                   | 0             | ŏ       |
| 14.6198348999023 0<br>Second-Term Queue (Q2), veh       |                      | 16812133              |                        |                     | 97125244<br>35      | 0             | 0       |
| 1.89477849006653 0<br>Third-Term Queue (Q3), veh/       | 3.44768              | 09501647              | 9<br>0                 | 0.35758             | 75461101<br>0       | 53<br>0       | 0       |
| 0 0 0   |                      |                       |                        | 0                   | 0                   |               | 0       |
| Percentile bk-of-que factor                             | • •                  |                       | 1                      | 0                   | 0                   | 1             | 0       |
| Percentile Back of Queue (Q<br>0 16.5146133899689<br>0  | %), veh/1<br>0       | n<br>30.7788          | 97762298               | 12.3723<br>6        | 11621904<br>5.93602 | 4<br>72586345 | 0<br>7  |
| Percentile Storage Ratio (R<br>0.546185731887817 0      | Q%)                  | 175765110             | 2.53430                | 79566955            | 6                   | 0             | 0       |
| Initial Queue (Qb), veh                                 | 0.75099              | 0                     | 0.38214                | 09821310            | 0                   | 0<br>0        | 0       |
| 0 0<br>Final (Residual) Queue (Qe)<br>0 0 0             | , veh                |                       | 0                      | 0                   | 0                   | 0             | 0       |
| Saturated Delay (ds), s/veh                             |                      | 0                     | 0                      | 0                   | 0                   | 0             | 0       |
| 0     0<br>Saturated Queue (Qs), veh<br>0     0         |                      | 0                     | 0                      | 0                   | 0                   | 0             | 0       |
| Saturated Capacity (cs), ve                             | h/h                  |                       | 0                      | 0                   | 0                   | 0             | 0       |
| Initial Queue Clear Time (t<br>0 0 0                    | c), h                |                       | 0                      | 0                   | 0                   | 0             | 0       |
| Right Lane Group Data<br>Assigned Movement<br>O         | 12                   | 0                     | 0                      | 14                  | 0                   | 16            | 18      |
| Lane Assignment   | R                    |                       |                        | R                   |                     | T+R           | R       |
| Lanes in Group  | 1                    | 0                     | 0                      | 1                   | 0                   | 1             | 1       |
| 0<br>Group Volume (v), veh/h                            | 0                    | 105                   | 0                      | 0                   | 443                 | 0             |         |
| 761.252502441406 179<br>Group Sat. Flow (s), veh/h/     |                      |                       |                        | 80615234            |                     | 0             | 0       |
| 1573.25744628906 0<br>Queue Serve Time (g_s), s         | 1682.42              | 207763671<br>4.56169  | .9<br>903305053        |                     | 04638671<br>0       | 0             | 0<br>33 |
| 0 59.500732421875 0<br>Cycle Queue Clear Time (g_c      | 0                    |                       |                        | 03305053            | 27                  | 0             | 0       |
| 33 0 59.50073242187                                     | 5 0                  | 0                     |                        |                     |                     | •             | Ũ       |
| *Prot RT Sat Flow Rate (s<br>1583.33325195313 0         | 0                    |                       | 32519531               | 0<br>.3             | 0<br>0              | 0             |         |
| *Prot RT Eff. Green (g_R)<br>0 23 0                     | , S                  |                       | 0                      | 0                   | 0                   | 19            | 0       |
| *Proportion RT Outside La<br>0.595071971416473 1        | ne (P_R)             |                       | 1                      | 0                   | 0                   | 1             | 0       |
| Lane Group Capacity (c), ve                             | eh∕ĥ                 | 420.000               |                        | 5703125             | 0                   | 0             |         |
| 585.72021484375 0 817.17<br>Volume-to-Capacity Ratio (X | (578125<br>()        |                       | 596923828<br>433219671 |                     | 0<br>0              | 0             |         |
| 0.756333649158478 0                                     |                      | 550463104<br>Page 4   |                        |                     | 381196498           | 387           | 0       |
|   |                      | aye 4                 |                        |                     |                     |               |         |

| 2025 - No Proj<br>Available Canacity (c a), veh/h  | ject PM output<br>721.434                    | 5703125                                 | 0                        | 0             |             |
|--|--|---|--------------------------|---------------|-------------|
| Available Capacity (c_a), veh/h<br>585.72021484375 0 817.17578125 44<br>Upstream Filter Factor (I) 1   | 9.71157836914                                | 0                                       | 0<br>1                   | 0             | 1           |
| 1 0<br>Uniform Delay (d1), s/veh 15<br>38 4970703125 0 33 8145141601563  | .671243667602                                | 5                                       | 0                        | 0             |             |
| Uniform Delay (d1), s/veh 15<br>38.4970703125 0 33.8145141601563<br>Incremental Delay (d2), s/veh<br>5.60788059234619 0 18.6679401<br>Initial Queue Delay (d3), s/veh<br>0 0 0   | 0.424520<br>397705<br>0                      | 0.648281<br>0                           | 4<br>L21662139<br>0      | 0<br>99<br>0  | 0<br>0<br>0 |
| Control Delay (d), s/veh 16<br>44.1049499511719 0 52.4824523<br>First-Term Queue (Q1), veh/ln<br>15.012677192688 0 27.4900970458984  | 095764160156<br>925781<br>1.98333<br>5.61872 | 3<br>42.43850<br>442211151<br>386932371 | 0<br>543005371<br>L<br>3 | 0<br>0<br>0   | 0<br>0      |
| First-Term Queue (Q1), veh/ln<br>15.012677192688 0 27.4900970458984<br>Second-Term Queue (Q2), veh/ln<br>0.91240257024765 0 4.23749685<br>Third-Term Queue (Q3), veh/ln<br>0 0 0 | 0.08507<br>287476<br>0                       | 324755193<br>0.077218<br>0              | L8<br>357726573<br>0     | 0<br>894<br>0 | 0<br>0<br>0 |
| Percentile bk-of-que factor (f_B%)   | 1  | 0                                       | 0                        | 1             | 0           |
| Percentile Back of Queue (Q%), veh/ln<br>0 15.9250797629356 0 31   |  |   |                          |               | 0<br>7      |
| Percentile Storage Ratio (RQ%)<br>0.526688158512115 0 0.77414035<br>Initial Queue (Qb), veh 0<br>0 0   | 0.42368<br>7971191<br>0                      | 65341663<br>0.45211<br>0                | 36<br>401581764<br>0     | 0<br>12<br>0  | 0<br>0<br>0 |
| Final (Residual) Queue (Qe), veh   | 0  | 0                                       | 0                        | 0             | 0           |
| Saturated Delay (ds), s/veh 0  | 0  | 0                                       | 0                        | 0             | 0           |
| Saturated Queue (Qs), veh 0  | 0  | 0                                       | 0                        | 0             | 0           |
| Saturated Capacity (cs), veh/h   | 0  | 0                                       | 0                        | 0             | 0           |
| Initial Queue Clear Time (tc), h<br>0 0 0  | 0  | 0                                       | 0                        | 0             | 0           |

|              | 2025 - Plus Project PM |
|--------------|------------------------|
| Larry opened | 5/16/2016 4:19:29 PM   |
| Larry closed | 5/16/2016 4:19:29 PM   |
| Larry opened | 5/16/2016 4:19:30 PM   |
| Larry closed | 5/16/2016 4:20:15 PM   |
| Larry opened | 5/16/2016 4:20:15 PM   |
| Larry closed | 5/16/2016 4:20:15 PM   |
| Larry opened | 5/16/2016 4:20:16 PM   |
| Larry closed | 5/16/2016 4:26:10 PM   |
| Larry opened | 5/16/2016 4:26:10 PM   |
| Larry closed | 5/16/2016 4:26:10 PM   |
| Larry opened | 5/16/2016 4:26:11 PM   |
| Larry closed | 5/16/2016 4:26:27 PM   |
| Larry opened | 5/16/2016 4:29:31 PM   |
| Larry closed | 5/16/2016 4:29:48 PM   |
| Larry opened | 5/16/2016 4:29:48 PM   |
| Larry closed | 5/16/2016 4:29:48 PM   |
| Larry opened | 5/16/2016 4:29:49 PM   |
| Larry closed | 5/16/2016 4:29:54 PM   |

### 2025 - Plus Project PM input

| GENERAL INFORMA<br>Area Type:<br>Analysis:  | TION<br>Other        | Phase 2            | Directi<br>No | on:                     |             | NB                      | Multipl     | e-Period                 |            |
|---|----------------------|--------------------|---------------|-------------------------|-------------|-------------------------|-------------|--------------------------|------------|
| PHASE SETTINGS  |                      |                    |               |                         |             |                         |             |                          |            |
| Phase   | NB                   | NB                 | SB            | SB                      | WB          | WB                      | EB          | EB                       |            |
| Movement<br>Leag/Lag<br>Left-Turn Mode<br>Passage Time, s<br>Maximum Green,<br>17 |                      | Lead<br>Prot.<br>3 | <br>3<br>19   | Lag<br>Prot.<br>3<br>64 | 3<br>20     | Lag<br>Prot.<br>3<br>33 | <br>3<br>23 | Lead<br>Prot.<br>3<br>68 | <br>3<br>4 |
| Minimum Green,<br>4   | S                    |                    | 4             | 4                       | 4           | 4                       | 4           | 4                        | 4          |
| Yellow Change()<br>3.5  | (), s                |                    | 3.5           | 3.5                     | 3.5         | 3.5                     | 3.5         | 3.5                      | 3.5        |
| Red Clearance(F   | RC), S               |                    | 0.5           | 0.5                     | 0.5         | 0.5                     | 0.5         | 0.5                      | 0.5        |
| Walk + FDW, s<br>Max. Recall (1=<br>0   | =0n)                 | 0                  | 16<br>0       | 0<br>1                  | 16<br>0     | 0<br>0                  | 16<br>0     | 0<br>1                   | 16<br>0    |
| Ped. Recall (1=   | =On)                 |                    | 0             | 0                       | 0           | 0                       | 0           | 0                        | 0          |
| 0<br>Min. Recall (1=  | =0n)                 | •                  | 0             | 0                       | 0           | 0                       | 0           | 0                        | 0          |
| 0<br>Dual Entry (1=0<br>1   | On)                  | -                  | 0             | 1                       | 0           | 1                       | 0           | 1                        | 0          |
| Simultaneous Ga   | ap Out (1            | L=On)              |               | 1                       | 1           | 1                       | 1           | 1                        | 1          |
| Dallas Phasing  | (1=0n)               |                    | 0             | 0                       | 0           | 0                       | 0           | 0                        | 0          |
| 0<br>Prot. Right Tu<br>0  | rn (1=Yes            | 5)                 |               | 1                       |             | 0                       |             | 1                        |            |
| PHASE ASSIGNME  | NT                   |                    |               |                         |             |                         |             |                          |            |
| Timer:<br>Assigned Phase<br>Assigned_Left-  | l<br>Turn M∨m1       | 2<br>2<br>t.       | 3<br>1        | 4<br>3<br>0             | 5<br>4<br>1 | 6<br>5<br>3             | 7<br>6<br>0 | 8<br>8<br>5              | 7<br>0     |
| 0 7<br>Assigned Throu   | gh Mvmt.             |                    | 2             | 0                       | 0           | 4                       | 0           | 6                        | 8          |
| 0<br>Assigned_Right   | -Turn Mvr            | nt.                |               | 12                      | 0           | 0                       | 14          | 0                        | 16         |
| 18 0<br>Timer w/Pr-Pm<br>0 0  | From Shai            | red Lane           |               | 0                       | 0           | 0                       | 0           | 0                        | 0          |
| TRAFFIC CHARAC  | TERISTIC             | S                  |               |                         |             |                         |             |                          |            |
| <b>FD FD</b>  | NB                   | NB                 | NB            | SB                      | SB          | SB                      | WB          | WB                       | WB         |
| EB EB   | EB<br>L              | т                  | R             | L,                      | т           | R                       | L           | Т                        | Ŕ          |
| L T<br>Moveme   |                      | 5                  | 2             | 12                      | 1           | 6                       | 16          | 3                        | 8          |
| 18 7<br>Adjusted Flow<br>389 1093   | 4<br>Rate, ve<br>453 | 14<br>h/h<br>79    | 443           | 427<br>179<br>Page 1    | 870         | 105                     | 349         | 780                      | 448        |

|  |   | 202               | 5 - Plus      | Project      | PM input                        | -            |              |                        |          |
|--|---|-------------------|---------------|--------------|---------------------------------|--------------|--------------|------------------------|----------|
| Right-Turn-On  | -Red Volum<br>O                               |                   |               | 0            | F.                              | 0            |              |                        | 0        |
| Heavy Vehicle  | Distribut                                     | ion, %<br>2       | 2             | 2            | 2                               | 2            | 2            | 2                      | 2        |
| Lane Utilizat<br>1 0.9700<br>0.94999998807<br>0.910000026220 | ion <sup>_</sup> Adj. F<br>0000286102<br>9071 | actor<br>29       |               | 99880790     | 002861022<br>71<br>0.970000     | 1            | 0.970000     | 998807907<br>002861022 |          |
| Start-Up Lost  | Time, s                                       | -                 | 2             | 2            | 2                               | 2            | 2            | 2                      | 2        |
| 2 2<br>Green Extensi   | ,   | 2                 | 2             | 2            | 2                               | 2            | 2            | 2                      | 2        |
| 2 2<br>Platoon Ratio   |   | 2<br>1<br>1       | 1             | 1            | 1                               | 1            | 1            | 1                      | 1        |
| l l<br>Filtering Fac   | -   | -                 | 1             | 1            | 1                               | 1            | 1            | 1                      | 1        |
| 1 1<br>Pedestrian Vo   | lume, ped/                                    | 1<br>h            | 1             |              | 5                               |              |              | 5                      |          |
| Bike Volume,   | bike/h  | 0                 | 5             | 0            |                                 |              | 0            |                        |          |
| 0<br>future_use  | 0   | 0<br>0<br>0       | 0             | 0            | 0                               | 0            | 0            | 0                      | 0        |
| 0 0<br>Initial Queue   |   | 0                 | 0             | 0            | 0                               | 0            | 0            | 0                      | 0        |
| 0 0<br>Speed Limit,<br>45 45                                 | 0<br>mph<br>45                                | 45                | 0<br>45<br>45 | 45           | 45                              | 50           | 50           | 50                     | 45       |
| 45 45<br>Adjusted Sat.<br>1862.74511718<br>1862.74511718     | Flow, veh<br>75 1862.74                       | /h/ln<br>51171875 | 1862.74       | 51171875     | 51171875<br>1862.74<br>51171875 | 51171875     | 1862.74      | 51171875               |          |
| Period 1 Traf<br>0 0   |   | veh<br>0          | 0             | 0            | 0                               | 0            | 0            | 0                      | 0        |
| Period 2 Traf  |   | veh<br>0          | 0             | 0<br>0       | 0                               | 0            | 0            | 0                      | 0        |
| Period 3 Traf  |   |                   | 0             | 0<br>0       | 0                               | 0            | 0            | 0                      | 0        |
| Period 4 Traf  | •   | veh               | 0             | 0            | 0                               | 0            | 0            | 0                      | 0        |
| Lane Volume I<br>used Not u                                  | nput?   | Not use           | Not use       | d<br>Not use | Not use<br>d                    | d<br>Not use | Not use<br>d | d<br>Not use           | Not<br>d |
| Not used<br>Shared L+T la                                    | Not use                                       | d                 | Not use       |              | 0                               |              |              | 0                      |          |
| 0<br>Exclusive lan   |   |                   | 0<br>427      | 870          | 0                               | 349          | 780          | 0                      | 389      |
| 1093. 453<br>Shared T+R la                                   | 79<br>ne, veh/h/                              | 443<br>]n         | 0             |              | 0                               |              |              | 0                      |          |
| 0  |   |                   | 0             |              |                                 |              |              |                        |          |
| NTERSECTION A  | PPROACH CH                                    | ARACTERI          | STICS         |              |                                 |              |              |                        |          |
| EB EB  | NB<br>EB                                      | NB                | NB            | SB           | SB                              | SB           | WB           | WB                     | WB       |
| L T  | L<br>R  | Υ                 | R             | L            | Т                               | R            | L            | т                      | R        |
| Movem<br>18 7  |   | 5<br>14           | 2             | 12           | 1                               | 6            | 16           | 3                      | 8        |
| Lanes<br>2 3   | 2   | 2                 | 1             | 2            | 2                               | 1            | 2            | 2                      | 0        |
| Lane Assignme  |   |                   |               |              |                                 |              |              |                        |          |
| Receiving Lan<br>0 0   | es<br>3                                       | 0                 | 2             | 0            | 0                               | 4            | 0            | 0                      | 2        |
| Bay/Segment L<br>1041 0                                      | -   | 259               | 124<br>320    | 124          | 124                             | 325          | 768          | 768                    | 175      |
| 1041 0   | 200   | ر ر ے             | 720           | Page 2       |                                 |              |              |                        |          |

|                             | 2025 - Plus | Project | PM inpu | t   |     |    |    |
|-----------------------------|-------------|---------|---------|-----|-----|----|----|
| Parking Present?            | NO          | 2       | NO      | No  |     | NO | NO |
| NO NO                       | NO          |         |         |     |     |    |    |
| Parking Maneuver Rate, m/h  |             | 0       |         | 0   | 0   |    | 0  |
| 0 0 0                       |             | 0       |         |     |     |    |    |
| Bus Stopping Rate, busses/h |             | 0       |         | . 0 | 0   |    | 0  |
| 0 0 0                       |             | 0       |         |     |     |    |    |
| Detector Length, ft         | 20          | 100     | 20      | 20  | 100 | 20 | 20 |
| 100 100 20 100              | 20          |         |         |     |     |    |    |
|                             |             |         |         |     |     |    |    |

CALIBRATION PARAMETERS

Analysis time period, h: 0.25 Dist. between stored vehicles, ft: Base sat. flow rate, pc/h/ln: 1900 Queue length -26165 percentile: 2 Sneakers per cycle, veh: Left-turn equivalency factor: Number of iterations: 1.04999995231628 35 Right-turn equivalency 1.17647063732147 factor: Stored car lane length, ft: 25 Heavy veh. equivalency factor: 2 Stored heavy veh. lane length,ft: for permissive left, s: Portion peds. pushing button: Follow-up time for permissive left, s: 45 Critical gap 4.5 0.509999990463257 2.5 Deceleration rate, ft/s/s: 4 Stop threshold 5 speed, mph: Acceleration rate, ft/s/s: 3.70000004768372 3.5 Critical Merge Gap, s:

OUTPUT SUMMARY

| TIME PE<br>Equilib  |                                     | le Length  | ٦, 5   |   | 140                                      |  |                      |   |                      |         |
|---|-------------------------------------|--|--|---|--|--|----------------------|---|----------------------|---------|
| EB  | EB                                  | NB<br>EB   | NB   | NB  | SB                                       | SB   | SB                   | WB  | WB                   | WB      |
| L   | св<br>Т                             | L<br>R   | Т  | R   | L  | Т  | R                    | L   | т                    | R       |
| 18  | Movemen                             |  | 5<br>14  | 2   | 12                                       | 1  | 6                    | 16  | 3                    | 8       |
| Volume,   |                                     |  | 427<br>179   | 870   | 105                                      | 349  | 780                  | 448                                       | 389                  | 1093    |
|   | 79<br>Queue,                        |  |  | 0<br>0  | 0  | 0  | 0                    | 0   | 0                    | 0       |
|   |                                     | 0<br>actor (A<br>63697052<br>34                      |  | 0   | 1<br>0.996912                            | 17641448   |                      | 87643051<br>1                             | 15                   | 1       |
|   |                                     | j. Factor<br>1                                       | rs (f_bb<br>1  | x f_p)<br>1   | 1  | 1<br>1   | 1                    | 1   | 1                    | 1       |
| Adjuste<br>1862.74  | ed Sat. F                           | low Rate<br>1862.74                                  | , veh/h/<br>51171875   | ln<br>1862.74   |  | 1862.74<br>1862.74   | 51171875             | 1862.74                                   | 51171875<br>51171875 |         |
| Lanes<br>2  | 3                                   | 2  | 2  | 1   | 2  | 2  | 1                    | 2   | 2                    | 0       |
|   | signment                            |  |  |   |  |  |                      |   |                      | •       |
| 721.434<br>565.412<br>98.3326<br>Proport<br>0.45714<br>0.23571<br>0.48571<br>0.10803<br>Approac | 284179687<br>572119140              | 537.745<br>5<br>6<br>ving On<br>42<br>81<br>81<br>52 | 05615234<br>1194.21<br>549.410<br>Green<br>0.15624<br>0.16428<br>0.02857 | 20019531<br>4<br>24023437<br>76660156<br>65876340<br>57193946<br>14287310 | 834.243<br>5<br>3<br>0.13571<br>87<br>84 | 65234375<br>483.065<br>428.805<br>42925262<br>0.23571<br>0.48571 | 85693359<br>96923828 | 21484375<br>4<br>1<br>0.45714<br>81<br>81 | 28596973             | 42      |
| 60.134  | ch Delay,<br>521484375<br>981140136 |  | 701  | 52.3497   | 43.9997<br>58148193                      | 25341796<br>4  | 9.                   |   |                      |         |
| Timer [   | Data<br>Time                        | er:  | 1  | 2   | 3  | 4  | 5                    | 6   | 7                    | 8       |
| As <b>s</b> <sup>-</sup><br>7   | igned Pha                           | ise  |  | 2   | 1  | 3  | 4                    | 5   | 6                    | 8       |
| Phas  | e No<br>se Durati                   | on (G+Y+   | 3<br>Rc), s  | 2   | 2<br>68                                  | 3<br>27  | 2<br>8               | 4<br>37                                   | 3<br>23              | 2<br>72 |
|   | 476837158<br>nge Peric              | od (Y+Rc)  |  | 23162841  | 4  | 4  | 4                    | 4   | 4                    | 4       |
| Мах<br>4.7737   | 60318756:                           | ole Headw<br>L 3.70079<br>L 4.63108                  | 73194122   | 23  |  | 4.80412<br>71693420<br>71693420                                  |                      |   | 973194122            | 23      |
|   |                                     | en Settin<br>20                                      |  |   |  | 64   | 23                   | 4   | 33                   | 19      |
| Max<br>16.909   |                                     | learance<br>19                                       | 5.19510  | g_c+l1),<br>050758361<br>895187377  | L8                                       | 35<br>15.3302  |                      | 322250366<br>57759704<br>78               |                      |         |

| 2025   | - Plus         | Project               | PM outpu     | t                      |               |          |    |
|--|----------------|-----------------------|--------------|------------------------|---------------|----------|----|
| Green Extension Time (g_e), s<br>4.79040002822876 0<br>1.01723599433899 3.016396 | s<br>0         | 0                     | 6.864585     | 587646484<br>562515259 | 1<br>Э        |          |    |
| 1.01723599433899 3.016390<br>Probability of Phase Call (p                        | JU- JUU-10.    | L                     |              | 0.999999               |               | 76       |    |
| 0.953681886196136 1<br>0.99999874830246  | 0.999999       | 994039535             | 55           | 1                      |               | 10       |    |
| Probability of Max Out (p_x)<br>1 0 1 0.965967                                   | 23503685       | 0                     | 0.951503     | 351524353              | 3             | 1        | 1  |
| Left-Turn Movement Data<br>Assigned Movement<br>7                                | 0              | 1                     | 3            | 0                      | 5             | 0        | 0  |
| Mvmt. Sat Flow, veh/h<br>3441.6435546875 0 0<br>Through Movement Data            |                | 0<br>355468 <b>75</b> | 3441.643     | 35546875               | 3441.64       | 35546875 | 0  |
| Assigned Movement<br>0   | 2              | 0                     | 0            | 4                      | 0             | 6        | 8  |
| Mvmt. Sat Flow, veh/h<br>3539.21557617188 0<br>Right-Turn Movement Data          | 2458.672       | 3539.219<br>260742188 | 5761718<br>3 | 8<br>5085.294          | 0<br>44335937 | 0<br>5   | 0  |
| Assigned Movement  | 12             | 0                     | 0            | 14                     | 0             | 16       | 18 |
| 0<br>Mvmt. Sat Flow, veh/h<br>1573.25744628906 0                                 |                | 1578.138<br>36328125  |              |                        | 9<br>9        | 0<br>0   |    |
| Left Lane Group Data<br>Assigned Movement<br>7                                   | 0              | 1                     | 3            | 0                      | 5             | 0        | 0  |
| ,<br>Lane Assignment<br>(Prot)   |                | (Prot)                | (Prot)       |                        | (Prot)        |          |    |
| Lanes in Group   | 0              | 2                     | 2            | 0                      | 2             | 0        | 0  |
| 2<br>Group Volume (v), veh/h   |                | 0                     | 389          | 79                     | 0             | 427      | 0  |
| 0 349<br>Group Sat. Flow (s), veh/h/l<br>1720.82177734375 0                      | n<br>1720.82   | 17773437              | 0<br>5       | 1720.82<br>0           | 17773437<br>0 | 5        |    |
| 1720.82177734375<br>Queue Serve Time (q_s), s                                    |                | 0                     | 14.9093      | 72329711               | 9             |          |    |
| Queue Serve Time (g_s), s<br>3.19510507583618 0<br>13.3302764892578              |                |                       |              | 0                      | 0             |          |    |
| Cycle Queue Clear Time (g_c)<br>3.19510507583618 0<br>13.3302764892578           | , s<br>17.1386 | 77597045              | 0<br>9       | 14.9093<br>0           | 72329711<br>0 | 9        |    |
| *Perm LT Sat Flow Rate $(s_0)$   | 1), veh/       | h/ln                  |              | 0                      | 0             | 0        | 0  |
| *Shared LT Sat Flow (s_sh)<br>0 0 0 0  | , veh/h/       | ln                    |              | 0                      | 0             | 0        | 0  |
| *Perm LT Eff. Green (g_p),   | S              |                       | 0            | 0                      | 0             | 0        | 0  |
| 0 0 0<br>*Perm LT Serve Time (g_u),  | S              |                       | 0            | 0                      | 0             | 0        | 0  |
| 0 0 0<br>*Perm LT Que Serve Time (g  | _ps), s        |                       | 0            | 0                      | 0             | 0        | 0  |
| 0       0      0<br>*Time to First Blk (g_f),                                    | S              | `                     | 0            | 0                      | 0             | 0        | 0  |
| 0       0      0<br>*Serve Time pre Blk (g_fs)                                   | , s            |                       | 0            | 0                      | 0             | 0        | 0  |
| 0 0 0<br>*Proportion LT Inside Lane  |                |                       | 0            | 1                      | 1             | 0        | 1  |
| 0 0 1<br>Lane Group Capacity (c), veh  |                |                       | 0            | 565.412                | 84179687      | '5       |    |
| 98.3326721191406 0<br>537.745056152344   |                | 20019531              | 3            | 0                      | 0             |          |    |
| Volume-to-Capacity Ratio (X)   |                | 0<br>Page 2           | 0.68799      | 27515983               | 58            |          |    |

| 2025  | - Plus          | Project             | PM outpu            | t                   |                |                            |               |
|---|-----------------|---------------------|---------------------|---------------------|----------------|----------------------------|---------------|
| 0.803394436836243 0<br>0.649006307125092  | 0.914189        | 969631195           | 51                  | 0                   | 0              |                            |               |
| Available Capacity (c_a), vel<br>98.3326721191406 0<br>537.745056152344                                     | n/h<br>467.0802 | 200195313           | 0                   | 565.4128<br>0       | 841796879<br>0 | 5                          |               |
| Upstream Filter Factor (I)<br>0 1   |                 | 0                   | 1                   | 1                   | 0              | 1                          | 0             |
| Uniform Delay (d1), s/veh   | 0               | Ο                   | 55 45812            | 2253418             |                | 469360352                  | 2             |
| 0 59.6956443786621<br>Incremental Delay (d2), s/vel<br>36.6012878417969 0<br>2.73586678504944               | 22.46402        | 0<br>0<br>121459961 | 0                   | 3.49861<br>0        | 55033111<br>0  | 5                          |               |
| Initial Queue Delay (d3), $s/s$<br>0 0 0  | veh             |                     | 0                   | 0                   | 0              | 0                          | 0             |
| Control Delay (d), s/veh<br>104.210334777832 0  |                 |                     |                     |                     |                |                            |               |
| First-Term Queue (Q1), veh/li<br>1.52512204647064 0<br>6.34979486465454                                     | n<br>8.124812   | 212615967           | 0                   | 7.07753<br>0        | 419876099<br>0 | 9                          |               |
| Second-Term Queue (Q2), veh/<br>0.499875366687775 0<br>0.204333171248436                                    | ln<br>1.457293  | 100704193           | 0<br>3              | 0.27474<br>0        | 47490692:<br>0 | 14                         |               |
| Third-Term Queue (Q3), veh/1  | n               |                     | 0                   | 0                   | 0              | 0                          | 0             |
| Percentile bk-of-que factor   | (f_B%)          |                     | 0                   | 1                   | 1              | 0                          | 1             |
| Percentile Back of Queue (Q%)<br>2.02499741315842 0<br>Percentile Storage Ratio (RQ)<br>0.223629176616669 0 | 9.58210)<br>%)  | 31332016            | 0                   | 0                   |                | 89478302<br>803590298<br>2 |               |
| 0.512228727340698<br>Initial Queue (Qb), veh  | 1.50270         | 0                   | 0                   | 0                   | 0              | 0                          | 0             |
| 0 0<br>Final (Residual) Queue (Qe),   | veh             |                     | 0                   | 0                   | 0              | 0                          | 0             |
| 0 0 0<br>Saturated Delay (ds), s/veh  |                 | 0                   | 0                   | 0                   | 0              | 0                          | 0             |
| 0     0<br>Saturated Queue (Qs), veh  |                 | 0                   | 0                   | 0                   | 0              | 0                          | 0             |
| 0 0<br>Saturated Capacity (cs), veh   | /h              |                     | 0                   | 0                   | 0              | 0                          | 0             |
| 0 0 0<br>Initial Queue Clear Time (tc   | ), h            |                     | 0                   | 0                   | 0              | 0                          | 0             |
| 0 0 0<br>Middle Lane Group Data   | 2               | 0                   | 0                   | 4                   | 0              | б                          | 0             |
| Assigned Movement<br>O<br>Lane Assignment   | Z<br>T          | 0                   | 0                   | ч<br>Т              | Ŭ,             | т                          | o<br>T        |
| Lanes in Group  | 2               | 0                   | 0                   | 2                   | 0              | 1                          | 3             |
| 0<br>Group Volume (v), veh/h  | -               | 870                 | 0                   | 0                   | 780            | 0                          | 2             |
| 779.142333984375 443<br>Group Sat. Flow (s), veh/h/l  | 0<br>n          | ••••                | -                   | 77880859            |                | 0                          | 0             |
| 1769.60778808594 0<br>Queue Serve Time (g_s), s   |                 | 77880859<br>24.7713 | 4<br>22250366       | 1695.09             | 081445312<br>0 | 25<br>0                    | 0             |
| 30.2477283477783 0<br>Cycle Queue Clear Time (g_c)  |                 | 67517089            | 8                   | 11.9163<br>22250366 | 95187377<br>52 | '9<br>0                    | <b>0</b><br>0 |
| 30.2477283477783 0<br>Lane Group Capacity (c), veh  | 56.6382         | 67517089            | 8                   |                     | 395187377      | '9<br>0                    | 0<br>0        |
| 834.24365234375 0 859.523<br>Volume-to-Capacity Ratio (X)   | 80371093<br>1   | 0.53772             | 549.410<br>50313758 | 76660156<br>85      | 53<br>0        | 0<br>0                     |               |
| 0.934978544712067 0   | 0.90648         | 812660217<br>Page 3 | 29                  | 0.80631             | L82234764      | 1                          | 0             |

| 20  | 25 - Plus                    | Project                           | PM outpu                              | ut   |                                       |                  |                       |
|---|------------------------------|-----------------------------------|---------------------------------------|--|---------------------------------------|------------------|-----------------------|
| Available Capacity (c_a),<br>834.24365234375 0 859.52<br>Upstream Filter Factor (I)   | /eh/h<br>2380371093          | 38<br>1                           | 1617.92<br>617.500<br>0               | 71240234<br>06103515<br>0                  | 4<br>6<br>1                           | 0<br>0<br>0      | 0<br>1                |
| 1 0<br>Uniform Delay (d1), s/veh<br>52.4482383728027 0<br>Incremental Delay (d2), s/v<br>17.4527549743652 0<br>Initial Queue Delay (d3), s  | 33.0784<br>/eh<br>14.9722    | 27.3522<br>411102294<br>249984742 | 214813232<br>19<br>1.28616<br>12<br>0 | 24<br>61.0060<br>645221710<br>7.02924<br>0 | 0<br>)72998046<br>)2<br>96681213<br>0 | 0<br>9<br>0<br>4 | 0<br>0<br>0           |
| 0 0 0<br>Control Delay (d), s/veh<br>69.900993347168 0 48.050<br>First-Term Queue (Q1), veh,<br>14.7335510253906 0<br>Second-Term Queue (Q2), veh<br>2.02220153808594 0<br>Third-Term Queue (Q3), veh,<br>0 0 0 0 | )659179687<br>/1n<br>27.4862 | 28.6383<br>75<br>246109008        | 80050659<br>68.0353<br>12.0832        | )2<br>24096679<br>294868469<br>5 - 5784    | 0<br>)7<br>)2<br>)97125244            | 0<br>0<br>0      | 0<br>0<br>0<br>0<br>0 |
| Percentile bk-of-que factor   | ^ (f_B%)                     |                                   | 1                                     | 0  | 0                                     | 1                | 0                     |
| Percentile Back of Queue (0<br>0 16.7557525634766<br>0  | 0 veh/`<br>0                 | ln<br>31.0609                     | 969829559                             | 12.3723<br>93                              | 11621904<br>5.93602                   | 4<br>72586345    | 0                     |
| Percentile Storage Ratio (1<br>0.554160892963409 0<br>Initial Queue (Qb), veh   | 0.75782                      | 750252723<br>0                    | 369                                   | 0.58214<br>0.58214                         | 09821510                              | 0<br>31<br>0     | 0<br>0<br>0           |
| Final (Residual) Queue (Qe)   | ), veh                       |                                   | 0                                     | 0  | 0                                     | 0                | 0                     |
| 0 0 0<br>Saturated Delay (ds), s/vel  | า                            | 0                                 | 0                                     | 0  | 0                                     | 0                | 0                     |
| 0 0<br>Saturated Queue (Qs), veh  |                              | 0                                 | 0                                     | 0  | 0                                     | 0                | 0                     |
| 0 0<br>Saturated Capacity (cs), V   | eh/h                         |                                   | 0                                     | 0  | 0                                     | 0                | 0                     |
| 0 0 0<br>Initial Queue Clear Time (<br>0 0 0  | tc), h                       |                                   | 0                                     | 0  | 0                                     | 0                | 0                     |
| Right Lane Group Data<br>Assigned Movement<br>O   | 12                           | 0                                 | 0                                     | 14   | 0                                     | 16               | 18                    |
| Lane Assignment   | R                            |                                   |                                       | R  |                                       | T+R              | R                     |
| Lanes in Group<br>O   | 1                            | 0                                 | 0                                     | 1  | 0                                     | 1                | 1                     |
| Group Volume (v), veh/h   | 0                            | 105                               | 0                                     | 0  | 448                                   | 0                |                       |
| 766.857727050781 179<br>Group Sat. Flow (s), veh/h  | 0<br>/ln<br>1602 6           | 12000540                          | 1578.13                               | 38061523                                   |                                       | 0                | 0                     |
| 1573.25744628906 0<br>Queue Serve Time (g_s), s   | _                            | -                                 | 903305053                             |  | 504638671<br>0                        | 0                | 0<br>33               |
| 0 60.2274360656738<br>Cycle Queue Clear Time (g_<br>33 0 60.2274360656  |                              | 0                                 | 4.56169                               | 90330505                                   | 37                                    | 0                | 0                     |
| *Prot RT Sat Flow Rate (  | s_R), veh                    | /h/ln                             | 0                                     | _0   | 0                                     | 0                |                       |
| 1583.33325195313 0<br>*Prot RT Eff. Green (g_R  | 0<br>), s                    | 1583.3                            | 332519532<br>0                        | 0  | 0<br>0                                | 19               | 0                     |
| 0 23 0<br>*Proportion RT Outside L  | ane (P_R)                    |                                   | 1                                     | 0  | 0                                     | 1                | 0                     |
| 0.590722382068634 1<br>Lane Group Capacity (c), v   | 0<br>eh/h<br>544555664       | 06                                |                                       | 45703125<br>59692382                       |                                       | 0                |                       |
| 585.72021484375 0 817.7<br>Volume-to-Capacity Ratio (<br>0.764870166778564 0<br>Available Capacity (c_a),   | X)<br>0.9377                 | 0.1455<br>60233879<br>Page 4      | 43321967:<br>089                      | 125  | 0<br>381196498                        | Ō                | 0                     |

| 2025 - Plus  | Project        | PM outpu | t                    |                |          |   |
|--|----------------|----------|----------------------|----------------|----------|---|
| 2025 - Plus<br>585.72021484375 0 817.75445556640<br>Upstream Filter Factor (I)   | )6             | 449.711  | 57836914             | 1              | 0        |   |
| Upstream Filter Factor (I)   | 1              | 0        | 0                    | .1             | 0        | 1 |
| 1 0  |                |          |                      |                | 0        |   |
| Uniform Delay (d1), s/veh<br>38.6679840087891 0 34.0013  | 380920410      | 2        |                      | 83203125       | 0        |   |
| Incremental Delay (d2), s/veh<br>5.97413396835327 0 19.5367<br>Initial Queue Delay (d3), s/veh   |                | 0.42452  | 04031467             | 44             | Ō        | 0 |
| 5.97413396835327 0 19.5367   | 748886108      | 4        | 0.64828              | 121662139      | 99       | 0 |
| Initial Queue Delay (d3), s/veh  |                | 0        | 0                    | 0              | 0        | 0 |
| Control Delay (d), s/veh   | 16.0957        | 64160156 | 3                    | 0              | 0        |   |
| Control Delay (d), s/veh<br>44.6421165466309 0 53.5382   | 131713867      | 2        | 42.4385              | 643005371      | l        | 0 |
| First-Term Queue (Q1), veh/ln  |                | 1.98333  | 44221115             | 1              | 0        | 0 |
| 15.182240486145 0 27.904830932617  | 72             | 5.61872  | 38693237             | 3              | 0        | 0 |
| -0.971992015838623 $-0.4.43789$  | 514289856      | 0.08507  | 32473319<br>85772657 | 10<br>294      | 0        | U |
| First-Term Queue (Q1), veh/ln<br>15.182240486145 0 27.904830932613<br>Second-Term Queue (Q2), veh/ln<br>0.971992015838623 0 4.43785<br>Third-Term Queue (Q3), veh/ln | 517205050      | 0        | 0                    | 0              | Ő        | 0 |
| 0 0 0  |                |          | -                    | -              | -        | - |
| Percentile bk-of-que factor (f_B%)   |                | 1        | 0                    | 0              | 1        | 0 |
| 1 $1$ $0Rescentile Back of Queue (0%) yeb/$  | ln             |          | 2 06840              | 76696634       | 2        | Δ |
| Percentile Back of Queue (Q%), veh/<br>0 16.1542325019836 0  | 32.3426        | 82361602 | 8                    | 5.69594        | 24465894 | 7 |
|  |                |          |                      |                |          | - |
| Percentile Storage Ratio (RO%)<br>0.534266889095306 0 0.78914  | 40.271.00.20   | 0.42368  | 65341663             | 36             | 0        | 0 |
| Initial Queue (Qb), veh  | 482710838<br>0 | 32       | 0.45211              | 401581764<br>0 | 42       | 0 |
| $0 \qquad 0$   | 0              | U        | 0                    | 0              | 0        | U |
| Final (Residual) Queue (Qe), veh   |                | 0        | 0                    | 0              | 0        | 0 |
|  | 0              | 0        | <u> </u>             | 0              | •        | • |
| Saturated Delay (ds), s/veh<br>0 0   | 0              | 0        | 0                    | 0              | 0        | 0 |
| Saturated Queue (Qs), veh  | 0              | 0        | 0                    | 0              | 0        | 0 |
| 0 0  | ·              | -        | -                    | •              | •        | • |
| Saturated Capacity (cs), veh/h   |                | 0        | 0                    | 0              | 0        | 0 |
| 0 0 0<br>Initial Queue Clear Time (tc), h  |                | 0        | 0                    | 0              | 0        | 0 |
| $0 \qquad 0 \qquad 0$  |                | U        | U                    | U              | U        | 0 |
|  |                |          |                      |                |          |   |

Page 5

## HCM 2010 Signalized Intersection Summary 1: McHenry/McHenry Ave. & Pelandale Ave.

|  | ۶   | >           | 7         | <b>F</b>                                 | <b>←</b>    | *        | *        | 1          | 1  | 1                     | Ļ                     | ~        |
|--|---|-------------|-----------|--|-------------|----------|----------|------------|--|-----------------------|-----------------------|----------|
| ovement  | EBL   | EBT         | EBR       | WBL                                      | WBT         | WBR      | NBL      | NBT        | NBR                                      | SBL                   | SBT                   | SBF      |
| ane Configurations   | ሻሻ  | <u>†</u> †  | 1         | ሻሻ                                       | ተተት         | ۴        | ካካ       | <b>†</b> † | 7  | ኘኘ                    | <b>†ĵ</b> +           |          |
| olume (veh/h)  | 321   | 718         | 412       | 73                                       | 408         | 165      | 393      | 800        | 97                                       | 358                   | 1006                  | 417      |
| umber  | 7   | 4           | 14        | 3  | 8           | 18       | 5        | 2          | 12                                       | 1                     | 6                     | 1(       |
| itial Q (Qb), veh  | 0   | 0           | 0         | 0  | 0           | C        | 0        | 0          | 0  | 0                     | 0                     | (        |
| ed-Bike Adj(A_pbT)   | 1.00  |             | 0.99      | 1.00                                     |             | 0.99     | 1.00     |            | 1.00                                     | 1.00                  |                       | 1.00     |
| arking Bus, Adj  | 1.00  | 1.00        | 1.00      | 1.00                                     | 1.00        | 1.00     | 1.00     | 1.00       | 1.00                                     | 1.00                  | 1.00                  | 1.00     |
| dj Sat Flow, veh/h/ln  | 1863  | 1863        | 1863      | 1863                                     | 1863        | 1863     | 1863     | 1863       | 1863                                     | 1863                  | 1863                  | 1900     |
| dj Flow Rate, veh/h  | 349   | 780         | 448       | 79                                       | 443         | 179      | 427      | 870        | 105                                      | 389                   | 1093                  | 45       |
| dj No. of Lanes  | 2   | 2           | 1         | 2  | 3           | 1        | 2        | 2          | 1  | 2                     | 2                     | (        |
| eak Hour Factor  | 0.92  | 0.92        | 0.92      | 0.92                                     | 0.92        | 0.92     | 0.92     | 0.92       | 0.92                                     | 0.92                  | 0.92                  | 0.93     |
| ercent Heavy Veh, %  | 2   | 2           | 2         | 2  | 2           | 2        | 2        | 2          | 2  | 2                     | 2                     | 0.5      |
| ap, veh/h  | 538   | 834         | 586       | 98                                       | 549         | 429      | 467      | 1618       | 721                                      | 565                   | 1194                  | 48       |
| rrive On Green   | 0.16  | 0.24        | 0.24      | 0.03                                     | 0.11        | 0.11     | 0.14     | 0.46       | 0.46                                     | 0.16                  | 0.49                  | 0.4      |
| at Flow, veh/h   | 3442  | 3539        | 1573      | 3442                                     | 5085        | 1561     | 3442     | 3539       | 1578                                     | 3442                  | 2459                  | 99       |
| rp Volume(v), veh/h  | 349   | 780         | 448       | 79                                       | 443         | 179      | ******   |            |  |                       |                       |          |
|  |   |             |           |  |             |          | 427      | 870        | 105                                      | 389                   | 779                   | 76       |
| rp Sat Flow(s),veh/h/ln  | 1721  | 1770        | 1573      | 1721                                     | 1695        | 1561     | 1721     | 1770       | 1578                                     | 1721                  | 1770                  | 168      |
| Serve(g_s), s  | 13.3  | 30.2        | 33.0      | 3.2                                      | 11.9        | 0.0      | 17.1     | 24.8       | 4.6                                      | 14.9                  | 56.6                  | 60.      |
| ycle Q Clear(g_c), s   | 13.3  | 30,2        | 33.0      | 3.2                                      | 11.9        | 0.0      | 17.1     | 24.8       | 4.6                                      | 14.9                  | 56,6                  | 60.      |
| rop In Lane  | 1.00  |             | 1.00      | 1.00                                     |             | 1.00     | 1.00     | فنصد       | 1.00                                     | 1.00                  | . المشاهد             | 0.5      |
| ane Grp Cap(c), veh/h  | 538   | 834         | 586       | 98                                       | 549         | 429      | 467      | 1618       | 721                                      | 565                   | <b>86</b> 0           | 81       |
| /C Ratio(X)  | 0.65  | 0.93        | 0.76      | 0.80                                     | 0.81        | 0.42     | 0.91     | 0.54       | 0.15                                     | 0.69                  | 0.91                  | 0.9      |
| vail Cap(c_a), veh/h   | 538   | 834         | 586       | 98                                       | 618         | 450      | 467      | 1618       | 721                                      | 565                   | 860                   | 81       |
| CM Platoon Ratio   | 1.00  | 1.00        | 1.00      | 1.00                                     | 1.00        | 1.00     | 1.00     | 1.00       | 1.00                                     | 1.00                  | 1.00                  | 1.0      |
| pstream Filter(I)  | 1.00  | 1.00        | 1.00      | 1.00                                     | 1.00        | 1.00     | 1.00     | 1.00       | 1.00                                     | 1.00                  | 1.00                  | 1,0      |
| niform Delay (d), s/veh  | 55.5  | 52.4        | 38.7      | 67.6                                     | 61.0        | 41.8     | 59.7     | 27.4       | 15.7                                     | 55.1                  | 33.1                  | 34.      |
| icr Delay (d2), s/veh  | 2.7   | 17.5        | 6.0       | 36.6                                     | 7.0         | 0.6      | 22.5     | 1.3        | 0.4                                      | 3.5                   | 15.0                  | 19.      |
| iitial Q Delay(d3),s/veh   | 0.0   | 0.0         | 0.0       | 0.0                                      | 0.0         | 0.0      | 0,0      | 0.0        | 0.0                                      | 0.0                   | 0.0                   | 0.       |
| ile BackOIQ(-26165%), veh/   | In 6.6  | 16.8        | 16.2      | 2.0                                      | 5.9         | 5.7      | 9.6      | 12.4       | 2.1                                      | 7.4                   | 31.1                  | 32.      |
| nGrp Delay(d),s/veh  | 58.2  | 69.9        | 44.6      | 104.2                                    | 68.0        | 42.4     | 82.2     | 28.6       | 16.1                                     | 58.6                  | 48.1                  | 53.      |
| nGrp LOS   | E   | E           | D         | F  | Ε.          | D        | F        | C          | В  | E                     | D                     |          |
| pproach Vol, veh/h   |   | 1577        |           |  | 701         |          |          | 1402       |  |                       | 1935                  |          |
| pproach Delay, s/veh   |   | 60.1        | 1<br>1    |  | 65.6        |          |          | 44.0       |  |                       | 52.3                  |          |
| pproach LOS  |   | E           |           |  | E           |          |          | D          |  |                       | D                     |          |
| imer   | 4 ( <b>1</b> ( <b>1</b> (   | - 2         | 3         | - A                                      | - 5-        | 6        | 7        | 8          |  | Yana ka               |                       |          |
| ssigned Phs  | 1977 (P. 1939) (B. 194  | 2           | 3         | 4  | 5           | 6        | <u>7</u> | 8          | and the linear                           | · 응왕 (소리가 가장 2년 3년 14 | Contraction 18 - 18 - |          |
| hs Duration (G+Y+Rc), s  | 27.0  | 68.0        | 8.0       | 37.0                                     | 23.0        | 72.0     | 25.9     | 19.1       |  |                       |                       |          |
| Change Period (Y+Rc), s  | 4.0   | 4.0         | 4.0       | 4.0                                      | 4.0         | 4.0      | 4.0      | 4.0        |  |                       |                       |          |
| lax Green Setting (Gmax), s  |   | 64.0        | 4.0       | 33.0                                     | 19.0        | 68.0     | 20.0     | 17.0       |  |                       |                       |          |
|  |   |             |           |  |             |          |          |            |  |                       |                       |          |
| Green Ext Time (p_c), s  | 4.8   | 6.9         | 0.0       | 0.0                                      | 0.0         | 4.6      | 3.0      | 1.0        |  |                       |                       |          |
| tersection Summary   | $\sum_{i=1}^{n} \sum_{j=1}^{n-1} \sum_{i=1}^{n-1} \sum_{j=1}^{n-1} \sum_{i=1}^{n-1} \sum_{j=1}^{n-1} \sum_{j=1}^{n-1} \sum_{i=1}^{n-1} \sum_{j=1}^{n-1} \sum_{i=1}^{n-1} \sum_{j=1}^{n-1} \sum_{j=1}^{n-1} \sum_{j=1}^{n-1} \sum_{j=1}^{n-1} \sum_{i=1}^{n-1} \sum_{j=1}^{n-1} \sum_$ |             | NA SA     | an a |             | nnig est |          | A sec      | 9. A.A.A.A.A.A.A.A.A.A.A.A.A.A.A.A.A.A.A | n Martha              |                       | La Arres |
|  |   |             |           |  |             | <u></u>  |          |            | ····                                     |                       |                       |          |
|  |   |             |           |  |             |          |          |            |  |                       |                       |          |
| Aax Q Clear Time (g_c+I1), s<br>Green Ext Time (p_c), s<br>Intersection Summary<br>ICM 2010 Ctrl Dotay<br>ICM 2010 LOS | 4.8   | 26.8<br>6.9 | 54.1<br>D |  | 19.1<br>0.0 |          |          |            |  |                       |                       |          |

User approved changes to right turn type.

Findlay Automotive - 2025 Plus Project PM Peak Hour Mitigated -LDH Synchro 8 Light Report Page 1

5/16/2016

#### **DRAFT FINDINGS**

The following are excerpts from Government Code §51282 which include the required findings for tentative cancellation of a Williamson Act Contract. Section 51282 actually provides two alternative findings for cancellation of the contract. One is that "the cancellation is consistent with the purposes of this chapter" and the second is that the "cancellation is in the public interest". Each of these findings has a subset of additional questions which must be answered and findings which must be made. Proposed findings under each of these sections are set forth in the balance of this Exhibit.

# Government Code [51282(a)(1) finding "[t]hat the cancellation is consistent with the purposes of this chapter"

(b) For purposes of paragraph (1) of subdivision (a) cancellation of a contract shall be consistent with the purposes of this chapter only if the board or council makes all of the following findings:

(1) That the cancellation is for land on which a notice of nonrenewal has been served pursuant to Section 51245.

A notice of nonrenewal has been filed. Attached you will find a copy of the recorded notice of nonrenewal.

(2) That cancellation is not likely to result in the removal of adjacent lands from agricultural use.

To the north, the property is adjacent to existing industrial type development located within Stanislaus County. Adjacent to the site to the west is open ground located within the City of Modesto sphere of influence (SOI), and further west, lands that have been annexed into the City of Modesto and developed. Adjacent to the site to the east is McHenry Avenue (SR 108) and urban development within the City of Modesto city limits. To the direct south of the property is a mobile home park developed in the County, and south of that, residential and commercial development in the City of Modesto.

The cancellation of this contract will not result in the removal of lands from agricultural use. The site in question has not been in agricultural use for over ten (10) years. Lands immediately to the west and north of the site were in the same Williamson Act contract and were removed by notice of nonrenewal over the last ten (10) years. It is unclear why this small developed parcel of less than an acre was not part of the previous notice of nonrenewal, but it appears to have been overlooked. The land to the west of the site, and within the City of Modesto SOI, have been similarly fallow and subject to a process of planning for their annexation and development into the City of Modesto for over ten (10) years. The project site is surrounded by urban development, (see attached map). The cancellation of this contract and development of the project will not create any additional urban encroachment on the small amount of remaining lands within the Modesto SOI in the vicinity project beyond those that already exist.

The removal of the Williamson Act Contract on this property will not itself result in the removal of any of the adjacent parcels from agricultural use.

(3) That cancellation is for an alternative use which is consistent with the applicable provisions of the city or county general plan.

The property is located in Stanislaus County, and is subject of a City/County Agreement governing the development of the property in the County and establishing that the City of Modesto will provide water service to the site. The Agreement identifies how taxes will be shared. The alternative use of this property is development consistent with the current City of Modesto General Plan. The property has been included within the Modesto General Plan area for over forty (40) years. The property has achieved a favorable vote of the citizens of the City of Modesto to extend sewer service to the site. When the Williamson Act contract was executed, the contract was protested, and the protest was upheld by LAFCO, so upon annexation, the contract would automatically be extinguished with no penalty. Property under the same contract to the west and north of this parcel, and about ten (10) acres in size, were removed by nonrenewal, but it is unclear why this small (under an acre) developed parcel was overlooked.

In this case, and although the property is surrounded by urban development, a County planning process is proposed and will be utilized until the property is ready for annexation to the City of Modesto. The County General Plan zoning will be changed to allow for development in the County and a zoning designation of Planned Development is being requested. The project will be an auto dealership, consistent with the land uses up and down McHenry Avenue in the vicinity of the site, as this is the established auto dealership location for north Modesto. The City/County Agreement recognizes this location for just such development.

(4) That cancellation will not result in discontiguous patterns of urban development.

The project site is located is Stanislaus County, but within the City of Modesto SOI, and surrounded by lands designated for, or developed as, urban uses on all sides, except for the parcels to the west (which are also adjacent to urban development). To the north, the property is adjacent to existing industrial type development. Adjacent to the site to the west is open ground located within the City of Modesto SOI, and further west, lands that have been annexed into the City of Modesto and developed. Adjacent to the site to the east is McHenry Avenue (SR 108) and urban development within the City of Modesto city limits. To the direct south of the property is a mobile home park developed in the County, and south of that, residential and commercial development in the City of Modesto.

Based on the foregoing, the project is surrounded by urban development on three sides. The larger project area is completely surrounded by railroad right-of-way, roadways, or development in the City of Modesto or Stanislaus County. As the project site is surrounded by these uses, its development will actually complete a compact and contiguous pattern of development. The County has performed all necessary environmental review, and will zone the property for development. Based on the fact that the project will be developing consistent with the County zoning ordinance and General Plan, and based upon the location of the project site, the cancellation of this contract will not result in discontiguous patterns of urban development as the entire area has been planned for development and development in the area has commenced. (5) That there is no proximate noncontracted land which is both available and suitable for the use to which it is proposed the contracted land be put, or, that development of the contracted land would provide more contiguous patterns of urban development than development of proximate noncontracted land.

While only one of the two findings in finding #5 is required to be made, both findings are appropriate.

First, there is no proximate noncontracted land which is available and suitable for the use to which this property is proposed to be put in the vicinity of the project site. As set forth previously, this is the area identified by both Stanislaus County and the City of Modesto for auto dealerships to serve the north end of the County. Over ten (10) acres of the project is on lands not subject to a Williamson Act contract. These lands were part of the same original contract and were removed by nonrenewal, but it is unclear why this developed parcel (less than 1 acre) was overlooked. There is a small site across McHenry Avenue, but at about 3 acres, it is too small to accommodate the project as proposed.

The property proposed for cancellation has access to Pelandale Avenue and McHenry Avenue, major circulation corridors. The unique features of the property are the reason the County of Stanislaus focused its attention on this area, planned it for auto dealerships, and negotiated a service agreement with the City of Modesto. The parcel in question is generally surrounded by County/City development, thereby isolating this parcel from adjacent uses, as discussed previously in findings #2 and #4.

Stanislaus County has identified this area for County development. The City of Modesto, by agreement, will provide urban water service to the project area. Infrastructure is available to the site. This property lies within the main growth area for the City of Modesto, and will be annexed into the city limits in the future. There are no other non-contracted properties of similar size which provide the County similar benefits. As set forth above the County finds that there is no proximate noncontracted land which is both available and suitable for the use which the contracted land is proposed to be put.

As to the second part of finding #5, and as discussed under item #4, the development of this contracted land will provide for a contiguous pattern of urban development. First, the parcel in question is almost fully surrounded by County or City development, isolating this parcel from adjacent uses, as discussed previously in findings #2 and #4. In addition, the only similar sized and proximate non-contracted land which could be available for development would be across McHenry Avenue, but this parcel is too small for the project. The project in question is about ten (10) acres in size, and the parcel proposed for cancellation is a less than a one acre portion of the project site that was overlooked with the prior nonrenewal thai cancelled the Williamson Act contract on the balance of the property proposed for development. The property which is the subject of this tentative cancellation is located within the City of Modesto SOI, has received an affirmative sewer advisory vote from the citizens of Modesto, has been under a planning process for many years, is the subject of an Agreement between the County and City for the provision of water to the site, and the existing contract was protested when it was executed and the protest was upheld. As such, for orderly, contiguous, and well planned development to occur, the County of Stanislaus finds it is necessary for this property to be removed from the contract. Due to the location of the property and the need to properly complete the infrastructure in the area, and based on the foregoing, this project would provide more contiguous patterns of urban development than any proximate noncontracted lands.



State of California • Nat..... Resources Agency Department of Conservation Division of Land Resource Protection 801 K Street • MS 14-15 Sacramento, CA 95814 (916) 324-0850 • FAX (916) 327-3430 Edmund G. Brown Jr., Governor John M. Lowne, Assistant Director

### RECEIVED

June 29, 2016

JUL 0.6 2018

STANISLAUS CO. PLANNING 8 COMMUNITY DEVELOPMENT DEPT

#### VIA EMAIL: WYSER@STANCOUNTY.COM

Ms. Rachel Wyse, Associate Planner Stanislaus County Department of Planning & Community Development 1010 10<sup>th</sup> Street, Suite 3400 Modesto, CA 95354

Dear Ms. Wyse:

PARTIAL CANCELLATION OF LAND CONSERVATION CONTRACT #75-2013 FOR AN AUTO DEALERSHIP

The Department of Conservation's (Department) Division of Land Resource Protection (Division) has reviewed the cancellation petition submitted by Stanislaus County. The Division monitors farmland conversion on a statewide basis and administers the California Land Conservation (Williamson) Act, California Farmland Conservancy Program, and other agricultural land conservation programs. The Department assumes that Stanislaus County has deemed the petition data and findings to be acceptable, and that the information provided reflects the views of the County as the lead agency.

#### **PROJECT DESCRIPTION**

The project proposes construction of an auto dealership on four parcels (11.7 acres). The property is located on the Southwest corner of McHenry Avenue and Pelandale Avenue in Stanislaus County (within the City of Modesto's sphere of influence (SOI)). The property is vacant aside from a small metal shop building. The property is bordered to the north by auto commercial uses, to the south by a mobile home residential park, to the west by vacant undeveloped land with a single family residence, and to the east by another auto dealership. One of the parcels is still enrolled in a Williamson Act Contract (No.1975-2013). The request is to cancel a 0.71-acre portion of the contract (APN: 046-005-010). The property is classified as Other Land per the California Important Farmland Finder.<sup>1</sup>

#### **REQUIRED CANCELLATION FINDINGS**

The requirements necessary for cancellation of land conservation contracts are outlined in Government Code Section 51282. The County must document the justification for the cancellation through a set of findings. Stanislaus County requires both sets of findings to be made. Based on the County's Uniform Rules, the project is being processed under the Public Interest and Consistency with the Williamson Act findings outlined below in the Department's comments:

<sup>1</sup> California Important Farmland Finder. California Department of Conservation. http://maps.conservation.ca.gov/ciff/ciff.html. Ms. Rachel Wyse, Associa., Planner June 29, 2016 Page 2

#### DEPARTMENT COMMENTS ON PUBLIC INTEREST CANCELLATION FINDINGS<sup>2</sup>

#### 1. Other public concerns substantially outweigh the objectives of the Williamson Act:

The project site is adjacent to land in the City of Modesto and with its SOI. Given that the area is already surrounded by urban development and there is no other non-contracted land nearby that is as suitable for the use, the County and City of Modesto have determined that it is in the best interest to develop the area commercially, specifically for an auto dealership. The City of Modesto, by agreement, will provide urban water to the project area. Infrastructure is also available to the site. Therefore, the Department concurs that the proposed project is aptly situated and would meet the required finding that it substantially outweighs the objectives of the Williamson Act.

DEPARTMENT COMMENTS ON CONSISTENCY WITH THE WILLIAMSON ACT FINDINGS

1. That the cancellation is for land on which a notice of nonrenewal has been served pursuant to Section 51245.

The notice of nonrenewal was served by the landowner to the County and filed with the County Recorder's office on May 9, 2016. The copy supplied in the cancellation petition was not a recorded version of the nonrenewal, but based on the finding, the requirement has been met.

#### 2. That cancellation is not likely to result in the removal of adjacent lands from agricultural use.

Property to the north and west are developed industrially or have been annexed into the City of Modesto and developed. Property to the south is utilized as a mobile home park and property to the west is vacant land located in the City of Modesto's SOI. The petition states that the property has not been used for agricultural purposes for over ten years. Therefore, the cancellation is not likely to result in the removal of adjacent lands from agricultural use.

3. That cancellation is for an alternative use which is consistent with the applicable provisions of the city or county general plan.

The County General Plan zoning will be changed to allow for development in the County and a zoning designation of Planned Development is being requested. The project will be an auto dealership, consistent with the land uses up and down McHenry Avenue in the vicinity of the site.

The alternative use of the property is consistent with the current City of Modesto General Plan. The property has been included within the Modesto General Plan area for over forty years. The property has achieved a favorable vote of the citizens of the City of Modesto to extend sewer service to the site. The City/County Agreement recognizes this location for just such development.

Therefore, the cancellation is for an alternative use which is consistent with the applicable provisions of the City and County general plan.

<sup>&</sup>lt;sup>2</sup> The second public interest finding is the same as the fifth consistency finding. Therefore, the finding is addressed later in the letter.

Ms. Rachel Wyse, Associate Manner June 29, 2016 Page 3

#### 4. That cancellation will not result in discontiguous patterns of urban development.

The project site is located is Stanislaus County, but within the City of Modesto SOI and surrounded by lands designated for, or developed as, urban uses on all sides, except for the parcels to the west (which are also adjacent to urban development). Therefore, cancellation will not result in discontiguous patterns of urban development.

5. That there is no proximate noncontracted land which is both available and suitable for the use to which it is proposed the contracted land be put, or, that development of the contracted land would provide more contiguous patterns of urban development than development of proximate noncontracted land.

The property proposed for cancellation has access to Pelandale Avenue and McHenry Avenue, major circulation corridors. The unique features of the property are the reason the County of Stanislaus focused its attention on this area, planned it for auto dealerships, and negotiated a service agreement with the City of Modesto. The parcel in question is generally surrounded by County/City development, therefore the Department concurs that there is no better proximate noncontracted land which is both available and suitable for the proposed use.

**CANCELLATION FINDINGS CONCLUSIONS** 

The Department concurs that the proposed project will be able to meet all the required findings for cancellation.

Thank you for the opportunity to provide comments on the proposed cancellation. Please provide our office with a copy of the public notice for the tentative cancellation, ten working days before the hearing, and a copy of the *recorded* tentative cancellation resolution within 30 days after approval pursuant to Government Code Section 51284.

Within 30 days of the landowner satisfying the conditions and contingencies required in the Tentative Cancellation Resolution, and payment of the required fee, the Board will record a Certificate of Cancellation for the contract. The County Treasurer is required to send the cancellation fee to State Controller within 30 days of recordation of the Certificate of Cancellation and a copy of the recorded Certificate of Cancellation to the Department of Conservation.<sup>3,4</sup> If you have any questions concerning our comments, please contact me.

Sincerely,

Meri A. Merce

Meri A. Meraz Conservation Program Support Supervisor Division of Land Resource Protection <u>mmeraz@conservation.ca.gov</u>

<sup>&</sup>lt;sup>3</sup> Please include some type of information identifying the cancellation on the check: APN(s), project name or number, landowner, applicant, etc.

<sup>&</sup>lt;sup>4</sup> When sending information to the Department of Conservation, please also confirm the date the cancellation payment was made to the State Controller.



### Don H. Gaekle Stanislaus County Assessor

Mercy Maya Assistant Assessor Administration Matt N. Reavill Assistant Assessor Valuation 1010 Tenth St., Suite 2400 Modesto, CA 95354-0863

Phone: (209) 525-6461 Fax: (209) 525-6586

www.stancounty.com/assessor

June 23, 2016

Stanislaus County Board of Supervisors c/o Planning and Community Development 1010 Tenth Street, Suite 3400 Modesto, CA 95354

Dear Board Members:

Reference: Property Owner: Burchell Nursery Inc Assessor's Parcel Number: 046-005-010-000 Williamson Act Contract Number: 2013

In accordance with California Government Code Section 51283, the Assessor's Office has made the following determination:

The cancellation valuation of 0.71 acres of the above referenced property restricted under the California Land Conservation Act is four hundred fifty thousand dollars (\$450,000) representing current fair market value. The cancellation fee is an amount equal to 12½% of the cancellation valuation, or a total of fifty six thousand two hundred fifty dollars (\$56,250).

I hereby certify the cancellation valuation of the above parcel to be \$450,000.

Respectfully,

Sachle

Don H. Gaekle Assessor

BY:

Daryl Finney Supervising Appraiser Stanislaus County

cc: Burchell Nursery Inc California Department of Conservation



#### APPENDIX I-1

#### RESOLUTION NO. 87-1

RESOLUTION OF THE STANISLAUS COUNTY PLANNING COMMISSION AMENDING DEVELOPMENT POLICIES WITH RESPECT TO THE REVIEW AND APPROVAL OF <u>PLANNED</u> DEVELOPMENT APPLICATION ON UPPER MCHENRY AVENUE.

WHEREAS, the proper regulation of development along McHenry has been the subject of concern to the City of Modesto and the County of Stanislaus for a long period of time, and

WHEREAS, the Stanislaus County Board of Supervisors, on the recommendation of the County Planning Commission, amended the Land Use Element of the Stanislaus County General Plan to designate the upper Mcllenry frontages for "Planned Development", and

WHEREAS, it is consistent with the "Planned Development" designation to establish development policies which will serve as guidelines for property owners and the County in the formulation and review of specific development proposals, and

WHEREAS, the Stanislaus County Planning Commission adopted Resolution No. 74-1 on April 11, 1974 to establish said policies.

NOW, THEREFORE, BE IT RESOLVED that the following policies are hereby established by the Stanislaus County Planning Commission with respect to the development of the "Planned Development" designations on upper McHenry Avenue.

> Precise plans should be adopted to provide for two collector streets to cross McHenry at one-quarter mile intervals between Pelandale Avenue and Kiernan Avenue.

> No planned development application should be approved which would conflict with the above mentioned precise plans or with the adopted Pelandale Avenue precise plan.

> All planned development approvals shall provide for establishment of access driveways at intervals no closer than 200 feet where possible and on-site accessways (customer-front; freight-rear) shall be provided as approved.

Shopping centers should be permitted only at the McHenry Avenue-Pelandale Avenue and McHenry Avenue-Kiernan Avenue intersections.

Planned development approval on properties which are no on the intersections noted above should be limited to uses with a demonstrated history of lower traffic generation.

The "Planned Development" designation which has been applied to upper McHenry Avenue should not be interpreted to allow non-residential uses to project easterly or westerly from the McHenry frontage to the extent that they could initially or potentially diminish the agricultural or residential usage of lands in the immediate area. With the exception of the shopping centers at the corners listed above, the following depths are hereby established:

- A. From Modesto Irrigation District Lateral No. 6 north -450 feet from the centerline of McHenry Avenue.
- B. From the Modesto City Limits north to Lateral No. 6 on the east side of McHenry Avenue - 488 feet from the centerline of McHenry Avenue.
- C. From the Modesto City Limits north to Lateral No. 6 on the west side of McHenry Avenue - the westerly property lines of the existing parcels.

Planned development applications on upper McHenry Avenue should include provisions for the ultimate usage of entire contiguous ownerships. However, the application may provide for the phasing of development.

All non-residential planned development approvals shall include as an exhibit thereto, a signed agreement in a form satisfactory to the Modesto City Attorney and Stanislaus County Counsel guaranteeing that the property on which the planned development is applicable will be annexed to the City of Modesto and/or connected to the Modesto public sewer system when such annexation or sewer connection is demanded by the City of Modesto with the approval of the Stanislaus County Board of Supervisors.

All residential planned development approvals shall include provisions for annexation to the City of Modesto prior to occupancy thereof.

All planned development applications should provide for consistence with City of Modesto and County of Stanislaus standards with respect to landscaping, off-street parking, sign control and street improvements.

The Planning Commission should review all divisions of land within the planned development designation to insure that such divisions are consistent with the above policies and approved land uses.

PASSED AND ADOPTED this 21st day of May, 1987 on motion of Commissioner Parks, seconded by Commissioner Steinpress, by the following vote:

AYES: Coe, Entin, Graham, Hertle, Parks, Rettig, Steinpress, Wikoff NOES: None ABSTAIN: Stephens

THOMAS CHA:



DEPARTMENT OF PLANNING AND COMMUNITY DEVELOPMENT

1010 10<sup>th</sup> Street, Suite 3400, Modesto, CA 95354 Phone: 209.525.6330 Fax: 209.525.5911

## CEQA INITIAL STUDY

Adapted from CEQA Guidelines APPENDIX G Environmental Checklist Form, Final Text, December 30, 2009

1. **Project title:** Williamson Act Contract Cancellation, General Plan Amendment, and Rezone Application No. PLN2016-0013 - Findlay Automotive Group 2. Stanislaus County Lead agency name and address: 1010 10<sup>th</sup> Street, Suite 3400 Modesto, CA 95354 3. Contact person and phone number: Rachel Wyse, Associate Planner 4. **Project location:** 4201 McHenry Avenue (State Route 108), southwest of the Pelandale and McHenry Avenue intersection, currently bisected by Wells Avenue, in the City of Modesto's Sphere of Influence. APN: 046-008-024, 046-008-016, 046-005-010, and 046-005-014. 5. Project sponsor's name and address: Findlay Automotive Group 310 N. Gibson Road Henderson, NV 89014 Planned Development **General Plan designation:** (P-D) Urban 6. & Transition (UT) P-D (Planned Development) 143 & A-2-10 7. Zoning: (General Agriculture)

#### 8. Description of project:

This is a request to cancel Williamson Act Contract No. 75-2013 on a .71 acre parcel, amend the General Plan designation on a 9.42 acre parcel from Urban Transition to Planned Development (PD) 143, rezone 11.06± acres, comprising four parcels, from General Agriculture to a new PD zone, abandon a portion of Wells Avenue, and construct an 11,620 square foot auto sales building and a 13,700 square foot auto service building. Operating hours are seven days a week from 7 a.m. to 9 p.m. with 65 employees on a maximum shift, 20± customers, and 10 truck loadings/deliveries per day. Proposed access includes two driveways off of Detroit Lane and a driveway adjacent to the southern property line on McHenry Avenue. The project is within the City of Modesto's Sphere of Influence.

#### 9. Surrounding land uses and setting:

Pelandale Avenue and Motor City Court to the north, second-hand store, McHenry Avenue (SR 108) and Infiniti car dealership to the east, Hetch-Hetchy Aqueduct, mobile home park, and Grecian Avenue to the south, single-family dwelling, vacant land, and mini storage to the west. 10. Other public agencies whose approval is required (e.g., permits, financing approval, or participation agreement.): Cit

City of Modesto, California Department of Transportation, California Department of Conservation, Stanislaus County Department of Public Works, San Francisco Public Utilities Commission, Modesto Irrigation District.

11. Attachments:

Maps Williamson Act Contract CCIC Report Early Consultation Referral Responses Pinnacle Traffic Memos

STRIVING TO BE THE BEST COUNTY IN AMERICA

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

| □Aesthetics                | □ Agriculture & Forestry Resources | □ Air Quality                      |
|----------------------------|------------------------------------|------------------------------------|
| □Biological Resources      | Cultural Resources                 | 🗆 Geology / Soils                  |
| □Greenhouse Gas Emissions  | ☐ Hazards & Hazardous Materials    | □ Hydrology / Water Quality        |
| 🗆 Land Use / Planning      | ☐ Mineral Resources                | □ Noise                            |
| □ Population / Housing     | □ Public Services                  | Recreation                         |
| □ Transportation / Traffic | Utilities / Service Systems        | Mandatory Findings of Significance |

DETERMINATION: (To be completed by the Lead Agency) On the basis of this initial evaluation:

 $\mathbf{X}$ 

I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.

I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Rachel Wyse Signature May 24, 2016

Date

#### **EVALUATION OF ENVIRONMENTAL IMPACTS:**

1) A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A "No Impact" answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).

2) All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.

3) Once the lead agency has determined that a particular physical impact may occur, than the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect may be significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an EIR is required.

4) "Negative Declaration: Less Than Significant With Mitigation Incorporated" applies where the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less Than Significant Impact." The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level (mitigation measures from Section XVII, "Earlier Analyses," may be cross-referenced).

5) Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration.

Section 15063(c)(3)(D). In this case, a brief discussion should identify the following:

a) Earlier Analysis Used. Identify and state where they are available for review.

b) Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.

c) Mitigation Measures. For effects that are "Less than Significant with Mitigation Measures Incorporated," describe the mitigation measures which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.

6) Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). References to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.

7) Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.

8) This is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project's environmental effects in whatever format is selected.

9) The explanation of each issue should identify:

- a) the significant criteria or threshold, if any, used to evaluate each question; and
- b) the mitigation measure identified, if any, to reduce the impact to less than significant.

#### ISSUES

|  | and the second                       | Son States and States a | Bengel/Alking Luit                 |           |
|--|--------------------------------------|---|------------------------------------|-----------|
| I. AESTHETICS Would the project:   | Potentially<br>Significant<br>Impact | Less Than<br>Significant<br>With Mitigation<br>Included   | Less Than<br>Significant<br>Impact | No Impact |
| a) Have a substantial adverse effect on a scenic vista?  |                                      |   | X                                  |           |
| b) Substantially damage scenic resources, including, but<br>not limited to, trees, rock outcroppings, and historic<br>buildings within a state scenic highway? |                                      |   |                                    | х         |
| c) Substantially degrade the existing visual character or<br>quality of the site and its surroundings?   |                                      |   | x                                  |           |
| d) Create a new source of substantial light or glare which<br>would adversely affect day or nighttime views in the area?                                       |                                      |   | x                                  |           |

**Discussion:** The site itself is not considered to be a scenic resource or unique scenic vista. The site is currently vacant land, improved with an agricultural storage building. The applicant will provide landscaping as required by Ordinance, which will be held to City of Modesto standards. Conditions of approval will be added to the project requiring: City of Modesto design standards for plant types, irrigation methods, lighting standards, and that all lighting be designed (aimed down and towards the site) to provide adequate illumination without glare effect and unnecessary light spillage onto nearby residential uses. The City of Modesto has Industrial and Commercial Design Guidelines and included and is requiring that the actual building elevations, all four sides, be submitted to the City Planning Division for design conformance prior to final discretionary approval. Consequently, with the implementation of Design Guidelines it is expected that the proposed project will have a less than significant impact on the existing visual character and quality of the site.

#### Mitigation: None.

**References:** Application information; Referral response from City of Modesto dated March 30, 2016; Stanislaus County Zoning Ordinance; Stanislaus County General Plan and Support Documentation<sup>1</sup>.

|   |                                      |   |                                    | 的目的最新的目的  |
|---|--------------------------------------|---|------------------------------------|-----------|
| II. AGRICULTURE AND FOREST RESOURCES: In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board Would the project: | Potentially<br>Significant<br>Impact | Less Than<br>Significant<br>With Mitigation<br>Included | Less Than<br>Significant<br>Impact | No Impact |
| a) Convert Prime Farmland, Unique Farmland, or Farmland<br>of Statewide Importance (Farmland), as shown on the<br>maps prepared pursuant to the Farmland Mapping and<br>Monitoring Program of the California Resources Agency,<br>to non-agricultural use?  |                                      |   |                                    | x         |
| b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?  |                                      |   | x                                  |           |

| c) Conflict with existing zoning for, or cause rezoning of,<br>forest land (as defined in Public Resources Code section<br>12220(g)), timberland (as defined by Public Resources<br>Code section 4526), or timberland zoned Timberland<br>Production (as defined by Government Code section<br>51104(g))? |   | x |
|---|---|---|
| d) Result in the loss of forest land or conversion of forest land to non-forest use?  |   | x |
| e) Involve other changes in the existing environment<br>which, due to their location or nature, could result in<br>conversion of Farmland, to non-agricultural use or<br>conversion of forest land to non-forest use?   | X |   |

**Discussion:** The project site and its surrounding area are classified as "Urban and Built-Up Land" and "Vacant or Disturbed Land" by the Farmland Mapping and Monitoring Program, and soils include Hanford Sandy Loam. Consequently, development of the project will not result in the conversion of farmland of statewide importance or conversion of prime and/or unique farmland. Although approval of this project will result in the rezoning of land to a commercial use, the impact to agriculture is less than significant as this property has not been farmed for some time, is surrounded by urban development, and within the City of Modesto's Sphere of Influence. Moreover, a City of Modesto condition of approval requires that when applying for water and/or sewer service for this parcel the property owner agree to annex the property to the City, when requested to do so.

#### Mitigation: None.

**References:** Referral response dated March 30, 2016, from the City of Modesto; California State Department of Conservation Farmland Mapping and Monitoring Program - Stanislaus County Farmland 2014; Department of Conservation California Farmland Finder; USDA – NRCS Web Soil Survey.

|  | 調查會基礎的思想                             | 是國際和基本的   | TOP THE SPACE                      |           |
|--|--------------------------------------|---|------------------------------------|-----------|
| III. AIR QUALITY: Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations Would the project:   | Potentially<br>Significant<br>Impact | Less Than<br>Significant<br>With Mitigation<br>Included | Less Than<br>Significant<br>Impact | No Impact |
| a) Conflict with or obstruct implementation of the applicable air quality plan?  |                                      |   | Х                                  |           |
| b) Violate any air quality standard or contribute<br>substantially to an existing or projected air quality<br>violation?   |                                      |   | x                                  |           |
| c) Result in a cumulatively considerable net increase of<br>any criteria pollutant for which the project region is non-<br>attainment under an applicable federal or state ambient air<br>quality standard (including releasing emissions which<br>exceed quantitative thresholds for ozone precursors)? |                                      |   | x                                  |           |
| d) Expose sensitive receptors to substantial pollutant concentrations?   |                                      |   | x                                  |           |
| e) Create objectionable odors affecting a substantial number of people?  |                                      |   | X                                  |           |

**Discussion:** The proposed project is located within the San Joaquin Valley Air Basin (SJVAB) and, therefore, falls under the jurisdiction of the San Joaquin Valley Air Pollution Control District (SJVAPCD). In conjunction with the Stanislaus Council of Governments (StanCOG), the SJVAPCD is responsible for formulating and implementing air pollution control strategies. The SJVAPCD's most recent air quality plans are the 2007 PM10 (respirable particulate matter) Maintenance Plan, the 2015 for the 1997 PM2.5 standard (fine particulate matter), and the 2007 Ozone Plan (The District has also adopted similar ozone plans such as 2014 RACT SIP and 2013 Plan for the Revoked 1-Hour Ozone Standard). These plans establish a comprehensive air pollution control program leading to the attainment of state and federal air quality standards in the SJVAB, which has been classified as "extreme non-attainment" for ozone, "attainment" for respirable particulate matter (PM-10), and "non-attainment" for PM 2.5, as defined by the Federal Clean Air Act.

#### Stanislaus County Initial Study Checklist

The primary source of air pollutants generated by this project would be classified as being generated from "mobile" sources. Mobile sources would generally include dust from roads, farming, and automobile exhausts. Mobile sources are generally regulated by the Air Resources Board of the California EPA which sets emissions for vehicles and acts on issues regarding cleaner burning fuels and alternative fuel technologies. As such, the District has addressed most criteria air pollutants through basin wide programs and policies to prevent cumulative deterioration of air quality within the Basin. The project will increase traffic in the area and, thereby, impacting air quality. The applicant estimates that there will be a maximum of 65 employees on a maximum shift, 20± customers, and 10 truck loadings/deliveries per day.

Construction activities associated with the proposed project would consist primarily of construction of the 11,620 square foot auto sales building and a 13,700 square foot auto service building, associated parking lot, and drainage basin. These activities should not require substantial and sustained use of heavy-duty construction equipment nor major grading as the site is presently improved with an agricultural storage building and considered to be topographically flat. Demolition of the existing agricultural storage building is required to construct the auto dealership. Prior to application for a demolition permit, the applicant must obtain a release from the SJVAPCD.

For these reasons, the proposed project would be consistent with the applicable air quality plans and would not conflict with applicable regional plans or policies adopted by agencies with jurisdiction over the project and would be considered to have a less than significant impact.

Construction activities associated with new development can temporarily increase localized PM10, PM2.5, volatile organic compound (VOC), nitrogen oxides (NOX), sulfur oxides (SOX), and carbon monoxide (CO) concentrations in a project's vicinity. The primary source of construction-related CO, SOX, VOC, and NOX emission is gasoline and diesel-powered, heavy-duty mobile construction equipment. Primary sources of PM10 and PM2.5 emissions are generally clearing and demolition activities, grading operations, construction vehicle traffic on unpaved ground, and wind blowing over exposed surfaces.

Based on comments on a similar project involving two auto dealerships and auto related uses on a single parcel, potential impacts on local and regional air quality are anticipated to be less than significant, falling below SJVAPCD thresholds, as a result of the nature of the proposed project and project's operation after construction. Implementation of the proposed project should fall below the SJVAPCD significance thresholds for both short-term construction and long-term operational emissions. Because construction and operation of the project is not expected to exceed the SJVAPCD significance thresholds, the proposed project should not increase the frequency or severity of existing air quality standards or the interim emission reductions specified in the air plans.

A referral response from the SJVAPCD was not received for this project; however, comment letters on similar auto dealership projects have stated that those projects were subject to District Rule 9510, an Air Impact Assessment, and Rules 4102, 4601 and 4641. Based on past comments and the nature of the proposed use, a standard condition of approval will be added to the project requiring the applicant to contact the SJVAPCD to determine if the project is subject to an Authority to Construct permit, an Air Impact Assessment application, best management practices, or fees prescribed by the air district. Additionally, a standard condition will be added to this project requiring all construction activities comply with all SJVAPCD regulations.

#### Mitigation: None.

**References:** San Joaquin Valley Air Pollution Control District - Regulation VIII Fugitive Dust/PM-10 Synopsis; Stanislaus County General Plan and Support Documentation<sup>1</sup>

| IV. BIOLOGICAL RESOURCES Would the project:   | Potentially<br>Significant<br>Impact | Less Than<br>Significant<br>With Mitigation<br>Included | Less Than<br>Significant<br>Impact | No Impact |
|---|--------------------------------------|---|------------------------------------|-----------|
| a) Have a substantial adverse effect, either directly or<br>through habitat modifications, on any species identified as<br>a candidate, sensitive, or special status species in local or<br>regional plans, policies, or regulations, or by the California<br>Department of Fish and Game or U.S. Fish and Wildlife<br>Service? |                                      |   | x                                  |           |

| b) Have a substantial adverse effect on any riparian habitat<br>or other sensitive natural community identified in local or<br>regional plans, policies, regulations, or by the California<br>Department of Fish and Game or U.S. Fish and Wildlife<br>Service?                  | X |
|--|---|
| c) Have a substantial adverse effect on federally protected<br>wetlands as defined by Section 404 of the Clean Water Act<br>(including, but not limited to, marsh, vernal pool, coastal,<br>etc.) through direct removal, filling, hydrological<br>interruption, or other means? | x |
| d) Interfere substantially with the movement of any native<br>resident or migratory fish or wildlife species or with<br>established native resident or migratory wildlife corridors,<br>or impede the use of native wildlife nursery sites?                                      | x |
| e) Conflict with any local policies or ordinances protecting<br>biological resources, such as a tree preservation policy or<br>ordinance?  | x |
| f) Conflict with the provisions of an adopted Habitat<br>Conservation Plan, Natural Community Conservation Plan,<br>or other approved local, regional, or state habitat<br>conservation plan?  | x |

**Discussion:** It does not appear this project will result in impacts to endangered species or habitats, locally designated species, wildlife dispersal, or mitigation corridors. There are no known sensitive or protected species or natural communities located on the site and/or in the surrounding area which is almost entirely built up with urban uses. While the parcel is currently undeveloped, it is considered in-fill as the surrounding area has been developed with light industrial, residential, and commercial uses. If approved, the development would have a less than significant impact on biological resources.

#### Mitigation: None.

**References:** Application material; California Natural Diversity Database; Stanislaus County General Plan and Support Documentation<sup>1</sup>

|  | 的政治法律法                               |   |                                    | <b>建设成长期的</b> |
|--|--------------------------------------|---|------------------------------------|---------------|
| V. CULTURAL RESOURCES Would the project:   | Potentially<br>Significant<br>Impact | Less Than<br>Significant<br>With Mitigation<br>Included | Less Than<br>Significant<br>Impact | No Impact     |
| a) Cause a substantial adverse change in the significance of a historical resource as defined in § 15064.5?    |                                      |   |                                    | x             |
| b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to § 15064.5? |                                      |   | X                                  |               |
| c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?        |                                      |   |                                    | x             |
| d) Disturb any human remains, including those interred outside of formal cemeteries?                           |                                      |   | x                                  |               |

**Discussion:** It does not appear this project will result in significant impacts to any archaeological or cultural resources. A records search, conducted by the Central California Information Center (CCIC), indicated that there was a low probability of discovery of prehistoric or historic resources onsite; nor have any cultural resources been discovered or reported in the immediate vicinity. Since ground disturbance and construction can reveal archaeological resources a standard condition of approval will be added to this project to address any discovery of cultural resources during any ground disturbing activities. The project was referred to the Native American Heritage Commission (NAHC) via the State Clearinghouse. The referral response that was received outlined the requirements for tribal consultation as adopted by the California Congress. Because this application includes a General Plan Amendment individual letters were sent to the tribes as required. No response has been received from the consulted tribes to date.

Mitigation: None.

| References:   | Central   | California Information Center report dated February 8, 2016; Stanislaus County General Plan and |
|---------------|-----------|---|
| Support Docun | nentation | 1   |

|   |                                      |   | 安根和自治公疗                            |           |
|---|--------------------------------------|---|------------------------------------|-----------|
| VI. GEOLOGY AND SOILS Would the project:  | Potentially<br>Significant<br>Impact | Less Than<br>Significant<br>With Mitigation<br>Included | Less Than<br>Significant<br>Impact | No Impact |
| <ul> <li>a) Expose people or structures to potential substantial<br/>adverse effects, including the risk of loss, injury, or death<br/>involving:</li> </ul>  |                                      |   |                                    |           |
| i) Rupture of a known earthquake fault, as<br>delineated on the most recent Alquist-Priolo Earthquake<br>Fault Zoning Map issued by the State Geologist for the<br>area or based on other substantial evidence of a known<br>fault? Refer to Division of Mines and Geology Special<br>Publication 42. |                                      |   | x                                  |           |
| ii) Strong seismic ground shaking?  |                                      |   | Х                                  |           |
| iii) Seismic-related ground failure, including liquefaction?  |                                      |   | х                                  |           |
| iv) Landslides?   |                                      |   |                                    | X         |
| b) Result in substantial soil erosion or the loss of topsoil?   |                                      |   | Х                                  |           |
| c) Be located on a geologic unit or soil that is unstable, or<br>that would become unstable as a result of the project, and<br>potentially result in on- or off-site landslide, lateral<br>spreading, subsidence, liquefaction or collapse?   |                                      |   | X                                  |           |
| d) Be located on expansive soil creating substantial risks to life or property?   |                                      |   | X                                  |           |
| e) Have soils incapable of adequately supporting the use<br>of septic tanks or alternative waste water disposal<br>systems where sewers are not available for the disposal of<br>waste water?   |                                      |   | X                                  |           |

**Discussion:** As contained in Chapter Five of the General Plan Support Documentation, the areas of the County subject to significant geologic hazard are located in the Diablo Range, west of Interstate 5; however, as per the California Building Code, all of Stanislaus County is located within a geologic hazard zone (Seismic Design Category D, E, or F) and a soils test may be required as part of the building permit process. Results from the soils test will determine if unstable or expansive soils are present. If such soils are present, special engineering of the structure will be designed and built according to building standards appropriate to withstand shaking for the area in which they are constructed. Any earth moving is subject to Public Works Standards and Specifications which consider the potential for erosion and run-off prior to permit approval. Likewise, any addition of a septic tank or alternative waste water disposal system would require the approval of the Department of Environmental Resources (DER) through the building permit process, which also takes soil type into consideration within the specific design requirements. At this point, the project site will be served by an onsite septic system. A denitrification system will be added to this system to limit nitrification of the soils. Conditions of approval will be added to meet denitrification as required by DER.

#### Mitigation: None.

**References:** Referral response from the Department of Environmental Resources dated March 16, 2016; California Building Code; Stanislaus County General Plan and Support Documentation<sup>1</sup>

|   |                                      |   | The second second                  |           |
|---|--------------------------------------|---|------------------------------------|-----------|
| VII. GREENHOUSE GAS EMISSIONS Would the project:  | Potentially<br>Significant<br>Impact | Less Than<br>Significant<br>With Mitigation<br>Included | Less Than<br>Significant<br>Impact | No Impact |
| a) Generate greenhouse gas emissions, either directly or<br>indirectly, that may have a significant impact on the<br>environment? |                                      |   | X                                  |           |

|   | <br> |   |  |
|---|------|---|--|
| b) Conflict with an applicable plan, policy or regulation |      | X |  |
| adopted for the purpose of reducing the emissions of      |      |   |  |
| greenhouse gases?   |      |   |  |

**Discussion:** The principal Greenhouse Gasses (GHGs) are carbon dioxide (CO2), methane (CH4), nitrous oxide (N2O), sulfur hexafluoride (SF6), perfluorocarbons (PFCs), hydrofluorocarbons (HFCs), and water vapor (H2O). CO2 is the reference gas for climate change because it is the predominant greenhouse gas emitted. To account for the varying warming potential of different GHGs, GHG emissions are often quantified and reported as CO2 equivalents (CO2e). In 2006, California passed the California Global Warming Solutions Act of 2006 (Assembly Bill [AB] No. 32), which requires the California Air Resources Board (ARB) to design and implement emission limits, regulations, and other measures, such that feasible and cost-effective statewide GHG emissions are reduced to 1990 levels by 2020. As a requirement of AB 32, the ARB was assigned the task of developing a Climate Change Scoping Plan that outlines the state's strategy to achieve the 2020 GHG emissions limits. This Scoping Plan includes a comprehensive set of actions designed to reduce overall GHG emissions in California, improve the environment, reduce the state's dependence on oil, diversify the state's energy sources, save energy, create new jobs, and enhance public health. The Climate Change Scoping Plan was approved by the ARB on December 22, 2008. According to the September 23, 2010, AB 32 Climate Change Scoping Plan Progress Report, 40 percent of the reductions identified in the Scoping Plan have been secured through ARB actions and California is on track to its 2020 goal.

Although not originally intended to reduce GHGs, California Code of Regulations (CCR) Title 24, Part 6: California's Energy Efficiency Standards for Residential and Nonresidential Buildings, was first adopted in 1978 in response to a legislative mandate to reduce California's energy consumption. Since then, Title 24 has been amended with recognition that energy-efficient buildings require less electricity and reduce fuel consumption, which in turn decreases GHG emissions. The current Title 24 standards were adopted to respond to the requirements of AB 32. Specifically, new development projects within California after January 1, 2011, are subject to the mandatory planning and design, energy efficiency, water efficiency and conservation, material conservation and resources efficiency, and environmental quality measures of the California Green Building Standards (CALGreen) Code (California Code of Regulations, Title 24, Part 11).

The proposed project would result in short-term emissions of GHGs during construction. These emissions, primarily CO2, CH4, and N2O, are the result of fuel combustion by construction equipment and motor vehicles. The other primary GHGs (HFCs, PFCs, and SF6) are typically associated with specific industrial sources and are not expected to be emitted by the proposed project. As described above in Section III - Air Quality, the use of heavy-duty construction equipment would be very limited; therefore, the emissions of CO2 from construction would be less than significant.

The project would also result in direct annual emissions of GHGs during operation. Direct emissions of GHGs from operation of the proposed project are primarily due to automobile trips. This project would not result in emission of GHGs from any other sources. Consequently, GHG emissions are considered to be less than significant.

Mitigation: None.

**References:** Application materials; Stanislaus County General Plan and Support Documentation<sup>1</sup>

| the second state of the second se   | Sea Strategic Start   |  |                       | "你是我们的你   |
|--|-----------------------|--|-----------------------|-----------|
| VIII. HAZARDS AND HAZARDOUS MATERIALS Would  | Potentially           | Less Than                                  | Less Than             | No Impact |
| the project:   | Significant<br>Impact | Significant<br>With Mitigation<br>Included | Significant<br>Impact |           |
| a) Create a significant hazard to the public or the  |                       |  |                       |           |
| environment through the routine transport, use, or   |                       |  | Х                     |           |
| disposal of hazardous materials?   |                       |  |                       |           |
| b) Create a significant hazard to the public or the<br>environment through reasonably foreseeable upset and<br>accident conditions involving the release of hazardous<br>materials into the environment? |                       |  | X                     |           |
| c) Emit hazardous emissions or handle hazardous or<br>acutely hazardous materials, substances, or waste within<br>one-quarter mile of an existing or proposed school?                                    |                       |  | X                     |           |

| d) Be located on a site which is included on a list of<br>hazardous materials sites compiled pursuant to<br>Government Code Section 65962.5 and, as a result, would<br>it create a significant hazard to the public or the<br>environment?                                   | x |   |
|--|---|---|
| e) For a project located within an airport land use plan or,<br>where such a plan has not been adopted, within two miles<br>of a public airport or public use airport, would the project<br>result in a safety hazard for people residing or working in<br>the project area? |   | x |
| f) For a project within the vicinity of a private airstrip,<br>would the project result in a safety hazard for people<br>residing or working in the project area?  |   | x |
| g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?  | x |   |
| h) Expose people or structures to a significant risk of loss,<br>injury or death involving wildland fires, including where<br>wildlands are adjacent to urbanized areas or where<br>residences are intermixed with wildlands?  |   | x |

**Discussion:** The proposed project will consist of the sale of automobiles and routine maintenance associated with most auto dealerships. Maintenance operations generally include the handling of hazardous materials such as motor oil and other hazardous liquids. DER is responsible for overseeing hazardous materials and has not indicated any particular concern. A hazardous waste plan will be required to be submitted as a part of normal business operations, and will be reviewed by the DER-HazMat Division and the Fire Department. The presence and use of engine fluids and lubricants is expected to have a less than significant impact due to existing use, disposal, and storage requirements for any business engaging in engine repair.

The site is currently zoned PD 143 (Planned Development) and A-2-10 (General Agriculture), but is not currently in agricultural production. However, given the history of the area, it is quite likely that the project site has previously engaged in production agriculture. A comment referral response received from DER's HAZMAT Division is requiring a Phase 1 Study (and Phase II if deemed necessary) to determine if any underground storage of chemicals took place during past activities. Conditions of approval will be placed on the project to address this. The project site is not within the vicinity of any airstrip or wildlands.

Mitigation: None.

**References:** Referral Response from Department of Environmental Resources HAZMAT Division dated March 15, 2016; Stanislaus County General Plan and Support Documentation<sup>1</sup>

| and the second secon   |                                      |   |                                    |           |
|---|--------------------------------------|---|------------------------------------|-----------|
| IX. HYDROLOGY AND WATER QUALITY Would the project:  | Potentially<br>Significant<br>Impact | Less Than<br>Significant<br>With Mitigation<br>Included | Less Than<br>Significant<br>Impact | No Impact |
| a) Violate any water quality standards or waste discharge requirements?   |                                      |   | x                                  |           |
| b) Substantially deplete groundwater supplies or interfere<br>substantially with groundwater recharge such that there<br>would be a net deficit in aquifer volume or a lowering of<br>the local groundwater table level (e.g., the production rate<br>of pre-existing nearby wells would drop to a level which<br>would not support existing land uses or planned uses for<br>which permits have been granted)? |                                      |   | x                                  |           |

Page 12

| c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?  | x |          |
|---|---|----------|
| d) Substantially alter the existing drainage pattern of the<br>site or area, including through the alteration of the course<br>of a stream or river, or substantially increase the rate or<br>amount of surface runoff in a manner which would result<br>in flooding on- or off-site? | X |          |
| e) Create or contribute runoff water which would exceed<br>the capacity of existing or planned stormwater drainage<br>systems or provide substantial additional sources of<br>polluted runoff?  | X |          |
| f) Otherwise substantially degrade water quality?   | X |          |
| g) Place housing within a 100-year flood hazard area as<br>mapped on a federal Flood Hazard Boundary or Flood<br>Insurance Rate Map or other flood hazard delineation<br>map?   |   | x        |
| h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?   |   | <b>X</b> |
| i) Expose people or structures to a significant risk of loss,<br>injury or death involving flooding, including flooding as a<br>result of the failure of a levee or dam?  | X |          |
| j) Inundation by seiche, tsunami, or mudflow?   |   | X        |

**Discussion:** Run-off is not considered an issue because of several factors which limit the potential impact. These factors include the relatively flat terrain of the subject site, and relatively low rainfall intensities in the Central Valley. Areas subject to flooding have been identified in accordance with the Federal Emergency Management Act. The project site itself is located in Zone X (outside the 0.2% floodplain) and, as such, exposure to people or structures to a significant risk of loss/injury/death involving flooding due to levee/dam failure and/or alteration of a watercourse, at this location is not an issue with respect to this project.

By virtue of the proposed paving for the building pads, parking, and driveways, the current absorption patterns of water upon this property will be altered; however, current standards require that all of a project's stormwater be maintained on site and, as such, a Grading and Drainage Plan will be included in this project's conditions of approval. As a result of the development standards required for this project, impacts associated with drainage, water quality, and runoff are expected to have a less than significant impact. The project design indicates that stormwater runoff generated by the development of this site will be kept on site and stored in a storm drainage basin. This project was referred to the Regional Water Quality Control Board (RWQCB) which responded with standards of development and requirements that will be incorporated into this project's conditions of approval.

Conditions of approval regarding storm drainage were provided by the City of Modesto and are expected from Stanislaus County Public Works; however, at the time this study was drafted, no conditions have been received to date. Currently, on-site drainage is within the purview of the County and, as such, County conditions supersede the City's. However, should the project be annexed to the City of Modesto prior to construction stormwater conditions, as listed in the City's March 30, 2016 referral response, shall be applicable to this project in lieu of County Public Works conditions.

The project site will receive potable water from the City of Modesto and will be metered and subject to all conservation efforts or ordinances the City maintains for groundwater.

Mitigation: None.

**References:** Referral response from the City of Modesto dated March 30, 2016; Referral response from the Regional Water Quality Control Board dated March 15, 2016; Stanislaus County General Plan and Support Documentation<sup>1</sup>

| a an   |                                      | Logo a contraction                                      |                                    | en e |
|--|--------------------------------------|---|------------------------------------|--|
| X. LAND USE AND PLANNING Would the project:  | Potentially<br>Significant<br>Impact | Less Than<br>Significant<br>With Mitigation<br>Included | Less Than<br>Significant<br>Impact | No Impact                                |
| a) Physically divide an established community?   |                                      |   |                                    | X  |
| b) Conflict with any applicable land use plan, policy, or<br>regulation of an agency with jurisdiction over the project<br>(including, but not limited to the general plan, specific<br>plan, local coastal program, or zoning ordinance) adopted<br>for the purpose of avoiding or mitigating an environmental<br>effect? |                                      |   | x                                  |  |
| c) Conflict with any applicable habitat conservation plan or<br>natural community conservation plan?   |                                      |   |                                    | x  |

**Discussion:** The project site has General Plan Designations of Urban Transition and Urban currently zoned P-D 143 (Planned Development) and A-2-10 (General Agriculture). The applicant is requesting to cancel the Williamson Act on a 0.71 acre parcel, amend the General Plan from Urban Transition to Planned Development on the 9.42 acre parcel and rezone all four parcels to Planned Development to allow an automobile dealership. The site falls within the Sphere of Influence of the City of Modesto, and accordingly, a referral was sent to Modesto to ensure consistency with their General Plan for the area. The City commented that this project is consistent with their General Plan designation of Regional Commercial, which allows auto dealerships, and have provided conditions of approval to be added to this project. The project will not physically divide an established community nor conflict with any habitat conservation plans.

#### Mitigation: None.

**References:** Referral response from the City of Modesto dated March 30, 2016; Stanislaus County General Plan and Support Documentation<sup>1</sup>

|   | 法没自然的资料                              |   |                                    |           |
|---|--------------------------------------|---|------------------------------------|-----------|
| XI. MINERAL RESOURCES Would the project:  | Potentially<br>Significant<br>Impact | Less Than<br>Significant<br>With Mitigation<br>Included | Less Than<br>Significant<br>Impact | No Impact |
| a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?                                      |                                      |   |                                    | x         |
| b) Result in the loss of availability of a locally-important<br>mineral resource recovery site delineated on a local<br>general plan, specific plan or other land use plan? |                                      |   |                                    | x         |

**Discussion:** The location of all commercially viable mineral resources in Stanislaus County has been mapped by the State Division of Mines and Geology in Special Report 173. There are no know significant resources on the site, nor is the project site located in a geological area known to produce important mineral resources.

#### Mitigation: None.

**References:** Stanislaus County General Plan and Support Documentation<sup>1</sup>

| XII. NOISE Would the project result in:  | Potentially<br>Significant<br>Impact | Less Than<br>Significant<br>With Mitigation<br>Included | Less Than<br>Significant<br>Impact | No Impact |
|--|--------------------------------------|---|------------------------------------|-----------|
| a) Exposure of persons to or generation of noise levels in<br>excess of standards established in the local general plan<br>or noise ordinance, or applicable standards of other<br>agencies? |                                      |   | x                                  |           |

| b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?   | x |   |
|---|---|---|
| c) A substantial permanent increase in ambient noise<br>levels in the project vicinity above levels existing without<br>the project?  | x |   |
| d) A substantial temporary or periodic increase in ambient<br>noise levels in the project vicinity above levels existing<br>without the project?  | x |   |
| e) For a project located within an airport land use plan or,<br>where such a plan has not been adopted, within two miles<br>of a public airport or public use airport, would the project<br>expose people residing or working in the project area to<br>excessive noise levels? |   | х |
| f) For a project within the vicinity of a private airstrip,<br>would the project expose people residing or working in the<br>project area to excessive noise levels?  |   | x |

**Discussion:** The Stanislaus County General Plan identifies noise levels up to 70 dB Ldn (or CNEL) as the normally acceptable level of noise for commercial uses. On-site grading and construction resulting from this project may result in a temporary increase in the area's ambient noise levels; however, noise impacts associated with on-site activities and traffic are not anticipated to exceed the normally acceptable level of noise. The site itself is impacted by the noise generated from existing McHenry (SR 108) and Pelandale Avenues; however, it is expected that dealership noise will have a less than significant effect on residents to the south due to the proposed building setback of 103 feet in addition to the 110-foot Hetch Hetchy right of way. Moreover, operating hours are limited to 7:00 a.m. to 9:00 p.m. daily. A condition of approval will be added prohibiting the use of an outdoor public announcement (P.A.) system to contact employees and/or customers. Therefore, the development of the proposed project will have less than significant impacts from exposure to excessive noise levels. The site is not located within an airport land use plan.

Mitigation: None.

**References:** Stanislaus County General Plan and Support Documentation<sup>1</sup>

|  | 的分子来自己的                              | 》。  |                                    |           |
|--|--------------------------------------|---|------------------------------------|-----------|
| XIII. POPULATION AND HOUSING Would the project:  | Potentially<br>Significant<br>Impact | Less Than<br>Significant<br>With Mitigation<br>Included | Less Than<br>Significant<br>Impact | No Impact |
| a) Induce substantial population growth in an area, either<br>directly (for example, by proposing new homes and<br>businesses) or indirectly (for example, through extension<br>of roads or other infrastructure)? |                                      |   | Х                                  |           |
| b) Displace substantial numbers of existing housing,<br>necessitating the construction of replacement housing<br>elsewhere?  |                                      |   |                                    | х         |
| c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?  |                                      |   |                                    | X         |

**Discussion:** The proposed development of the site will utilize available existing infrastructure and construct a new onsite infrastructure to tie into the City of Modesto's potable water line. LAFCO approval is required for extension of the water line as the subject parcel has not been annexed into the City's water district. Sewer is in the general area; however, due to the lack of existing City infrastructure, the City has given the applicant options to bring sewer to the site or utilize a septic system with denitrification capabilities. Currently, the applicant is proposing to construct a septic system. No housing or persons will be displaced by the project site's development.

Mitigation: None.

References: Stanislaus County General Plan and Support Documentation<sup>1</sup>

| an a   |                                      |   |                                    |           |
|--|--------------------------------------|---|------------------------------------|-----------|
| XIV. PUBLIC SERVICES   | Potentially<br>Significant<br>Impact | Less Than<br>Significant<br>With Mitigation<br>Included | Less Than<br>Significant<br>Impact | No Impact |
| a) Would the project result in the substantial adverse<br>physical impacts associated with the provision of new or<br>physically altered governmental facilities, need for new or<br>physically altered governmental facilities, the construction<br>of which could cause significant environmental impacts, in<br>order to maintain acceptable service ratios, response<br>times or other performance objectives for any of the public<br>services: |                                      |   |                                    |           |
| Fire protection?   |                                      |   | X                                  |           |
| Police protection?   |                                      |   | X                                  |           |
| Schools?   |                                      |   |                                    | Х         |
| Parks?   |                                      |   |                                    | X         |
| Other public facilities?   |                                      |   | X                                  |           |

**Discussion:** The County has adopted Public Facility Fees, as well as Fire Facility Fees on behalf of the appropriate fire district, to address impacts to public services from the development of the site. Such fees are required to be paid at the time of building permit issuance. Conditions of approval will be added to this project to ensure the proposed development complies with all applicable fire department standards with respect to access and water for fire suppression. A Comment referral was received from the Salida Fire Protection District (SFPD) requiring the applicant to form or annex into the services district to provide for operational services. This condition and others, as provided by SFPD, will be added to the Conditions of approval for this project.

#### Mitigation: None.

**References:** Referral response from the Salida Fire Protection District dated March 15, 2016; Stanislaus County General Plan and Support Documentation<sup>1</sup>

| 的形式是不是不能,但是因为 <b>了最多时间也</b> 有效时在这种中的 <b>的</b> 是是  |                                      |   |                                    |           |
|---|--------------------------------------|---|------------------------------------|-----------|
| XV. RECREATION  | Potentially<br>Significant<br>Impact | Less Than<br>Significant<br>With Mitigation<br>Included | Less Than<br>Significant<br>Impact | No Impact |
| a) Would the project increase the use of existing<br>neighborhood and regional parks or other recreational<br>facilities such that substantial physical deterioration of the<br>facility would occur or be accelerated? |                                      |   | x                                  |           |
| b) Does the project include recreational facilities or require<br>the construction or expansion of recreational facilities<br>which might have an adverse physical effect on the<br>environment?                        |                                      |   |                                    | x         |

**Discussion:** The proposed project does not have a residential element and is not anticipated to significantly increase demand for any recreational activities or facilities.

Mitigation: None.

**References:** Application material, Stanislaus County General Plan and Support Documentation<sup>1</sup>

| en de la companya de   | and the second                       | and a state of the second                               |                                    | an sanan i |
|--|--------------------------------------|---|------------------------------------|------------|
| XVI. TRANSPORATION/TRAFFIC Would the project:  | Potentially<br>Significant<br>Impact | Less Than<br>Significant<br>With Mitigation<br>Included | Less Than<br>Significant<br>Impact | No Impact  |
| a) Conflict with an applicable plan, ordinance or policy<br>establishing measures of effectiveness for the<br>performance of the circulation system, taking into account<br>all modes of transportation including mass transit and<br>non-motorized travel and relevant components of the<br>circulation system, including but not limited to<br>intersections, streets, highways and freeways, pedestrian<br>and bicycle paths, and mass transit? |                                      |   | X                                  |            |
| b) Conflict with an applicable congestion management<br>program, including, but not limited to level of service<br>standards and travel demand measures, or other<br>standards established by the county congestion<br>management agency for designated roads or highways?   |                                      |   | x                                  |            |
| c) Result in a change in air traffic patterns, including either<br>an increase in traffic levels or a change in location that<br>results in substantial safety risks?  |                                      |   | x                                  |            |
| d) Substantially increase hazards due to a design feature<br>(e.g., sharp curves or dangerous intersections) or<br>incompatible uses (e.g., farm equipment)?   |                                      |   | x                                  |            |
| e) Result in inadequate emergency access?  |                                      |   | X                                  |            |
| f) Conflict with adopted policies, plans, or programs<br>regarding public transit, bicycle, or pedestrian facilities, or<br>otherwise decrease the performance or safety of such<br>facilities?  |                                      |   | x                                  |            |

**Discussion:** The project site will have access to Detroit Avenue and McHenry Avenue (SR 108), once constructed. Currently, the City of Modesto is asking for dedication alone. No conditions requiring improvement of Detroit Lane were provided; however, at the time of construction of Detroit Lane, the development of the subject street shall comply with City of Modesto standards and specifications for road construction. The applicant is anticipating a maximum shift of 65 employees and 20± customers per day. Truck traffic is expected to include 10 loadings/deliveries per day.

This project was referred to the Department of Public Works, City of Modesto, and the California Department of Transportation (Caltrans). Caltrans responded with conditions upon receiving requested information and clarification on traffic movement. These conditions require the McHenry Ave. (SR 108) driveway to be: as far from the McHenry and Pelandale Avenue intersection as possible, right in/right out only, no vehicle parking within 50-feet of the driveway, and no semi-truck access permitted on the McHenry driveway. Caltrans additionally requested the Synchro files that were utilized in the traffic memo. The files were forwarded to Caltrans and are attached with the Early Consultation referral responses.

The proposed project was reviewed by the City of Modesto staff for safe access and vehicle circulation. Recommended conditions of approval include: reciprocal access between the site and adjacent southern parcel, a deceleration lane on Pelandale Avenue, Detroit Lane driveways are to be setback 350 feet from Pelandale Avenue, and dedication of 60-feet of right of way for the future construction Detroit Lane.

#### Mitigation: None

**References:** Pinnacle Traffic Analysis and response to Caltrans comments dated March 14 and April 25, 2016, respectively; Referral response from City of Modesto dated March 30, 2015; Stanislaus County General Plan and Support Documentation<sup>1</sup>

| XVII. UTILITIES AND SERVICE SYSTEMS Would the project:   | Potentially<br>Significant<br>Impact | Less Than<br>Significant<br>With Mitigation<br>Included | Less Than<br>Significant<br>Impact | No Impact |
|--|--------------------------------------|---|------------------------------------|-----------|
| a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?  |                                      |   | х                                  |           |
| b) Require or result in the construction of new water or<br>wastewater treatment facilities or expansion of existing<br>facilities, the construction of which could cause significant<br>environmental effects?                            |                                      |   | x                                  |           |
| c) Require or result in the construction of new storm water<br>drainage facilities or expansion of existing facilities, the<br>construction of which could cause significant<br>environmental effects?                                     |                                      |   | х                                  |           |
| d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?   | 1                                    |   | X                                  |           |
| e) Result in a determination by the wastewater treatment<br>provider which serves or may serve the project that it has<br>adequate capacity to serve the project's projected demand<br>in addition to the provider's existing commitments? |                                      |   |                                    | X         |
| f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?   |                                      |   | х                                  |           |
| g) Comply with federal, state, and local statutes and regulations related to solid waste?  |                                      |   | х                                  |           |

**Discussion:** As stated earlier, storm drainage is proposed to be handled on-site via a storm drain basin. The project site will extend and connect to an existing City of Modesto water line and will be served by the City. The comment letter received from the City of Modesto identified standards the applicant will be required to meet when extending utility infrastructure. The project site will utilize an onsite septic facility for sanitary services for the time being. Because the City's sewer infrastructure is not in the immediate area, the developer has the option of bringing the sewer line to the site or installing a septic system. Any water or sewer on or off-site is required to be constructed in compliance with City of Modesto standards. All existing irrigation utilities and electric facilities on site operated by the Modesto Irrigation District will be subject to any easement and/or relocation requirements that the District may prescribe.

#### Mitigation: None.

**References:** Referral response from the City of Modesto dated March 30, 2016; Stanislaus County General Plan and Support Documentation<sup>1</sup>

|   | New Contractory                      | A PARAMETER   | the second second                  |           |
|---|--------------------------------------|---|------------------------------------|-----------|
| XVIII. MANDATORY FINDINGS OF SIGNIFICANCE   | Potentially<br>Significant<br>Impact | Less Than<br>Significant<br>With Mitigation<br>Included | Less Than<br>Significant<br>Impact | No Impact |
| a) Does the project have the potential to degrade the<br>quality of the environment, substantially reduce the habitat<br>of a fish or wildlife species, cause a fish or wildlife<br>population to drop below self-sustaining levels, threaten to<br>eliminate a plant or animal community, reduce the number<br>or restrict the range of a rare or endangered plant or<br>animal or eliminate important examples of the major<br>periods of California history or prehistory? |                                      |   |                                    | X         |
| b) Does the project have impacts that are individually<br>limited, but cumulatively considerable? ("Cumulatively<br>considerable" means that the incremental effects of a<br>project are considerable when viewed in connection with<br>the effects of past projects, the effects of other current<br>projects, and the effects of probable future projects.)   |                                      |   | x                                  |           |

|   | <br> |  |
|---|------|--|
| c) Does the project have environmental effects which will |      |  |
| cause substantial adverse effects on human beings, either | X    |  |
| directly or indirectly?                                   |      |  |

**Discussion:** Review of this project has not indicated any features which might significantly impact the environmental quality of the site and/or surrounding areas.

<sup>&</sup>lt;sup>1</sup><u>Stanislaus County General Plan and Support Documentation</u> adopted in October 1994, as amended. Optional and updated elements of the General Plan and Support Documentation: *Agricultural Element* adopted on December 18, 2007; *Housing Element* adopted on April 5, 2016; *Circulation Element* and *Noise Element* adopted on April 18, 2006.

#### **NEGATIVE DECLARATION**

| NAME OF PROJECT:     | Williamson Act Cancellation, General Plan Amendment, & Rezone Application No.PLN2016-0013 – Findlay Automotive Group  |
|----------------------|---|
| LOCATION OF PROJECT: | 4201 McHenry Avenue (State Route 108), southwest of the<br>Pelandale and McHenry Avenue intersection, currently<br>bisected by Wells Avenue, north of the City of Modesto.<br>APN: 046-008-024, 046-008-016, 046-005-010, and 046-005-<br>014 |
| PROJECT DEVELOPERS:  | Findlay Automotive Group<br>310 N. Gibson Road  |

**DESCRIPTION OF PROJECT:** Request to cancel Williamson Act Contract No. 75-2013 on a .71 acre parcel, amend the General Plan designation on a 9.42 acre parcel from Urban Transition to Planned Development (PD), and rezone four parcels totaling 11.06 acres from General Agriculture and PD 143 to a new PD zone to allow development of an auto dealership. The project site is located at the southwest corner of Pelandale and McHenry Avenues in the Modesto area.

Henderson, NV 89014

Based upon the Initial Study, dated <u>May 24, 2016</u>, the Environmental Coordinator finds as follows:

- 1. This project does not have the potential to degrade the quality of the environment, nor to curtail the diversity of the environment.
- 2. This project will not have a detrimental effect upon either short-term or long-term environmental goals.
- 3. This project will not have impacts which are individually limited but cumulatively considerable.
- 4. This project will not have environmental impacts which will cause substantial adverse effects upon human beings, either directly or indirectly.

The Initial Study and other environmental documents are available for public review at the Department of Planning and Community Development, 1010 10th Street, Suite 3400, Modesto, California.

| Initial Study prepared by: | Rachel Wyse, Associate Planner  |
|----------------------------|---|
| Submit comments to:        | Stanislaus County<br>Planning and Community Development Department<br>1010 10th Street, Suite 3400<br>Modesto, California 95354 |

I:\PLANNING\STAFF REPORTS\GPA\2016\GPA REZ PLN2016-0013 - FINDLAY AUTOMOTIVE GROUP\CEOA-30-DAY-REFERRAL\NEGATIVE DECLARATION.DOC

#### SUMMARY OF RESPONSES FOR ENVIRONMENTAL REVIEW REFERRALS

#### PROJECT: WAC, GPA, & REZ APPLICATION NO. PLN2016-0013 - FINDLAY AUTOMOTIVE GROUP

| REFERRED TO:  |               |             |                             | 1          | ONDED        |   | RESPONSE                              |                        | MITIG    | ATION           | 1           | ITIONS        |
|---|---------------|-------------|-----------------------------|------------|--------------|---|---------------------------------------|------------------------|----------|-----------------|-------------|---------------|
|   | 2 WK          | 30 DAY      | PUBLIC<br>HEARING<br>NOTICE | YES        | ON<br>N      | WILL NOT<br>HAVE<br>SIGNIFICANT<br>IMPACT | MAY HAVE<br>SIGNIFICANT<br>IMPACT     | NO COMMENT<br>NON CEQA | YES      | ON N            | YES         | O z           |
| CA DEPT OF CONSERVATION:<br>Land Resources / Mine Reclamation   | x             |             | v                           |            |              | v   |                                       |                        |          |                 |             |               |
|   | ——            | X           | <u> </u>                    | <u> </u>   |              | X   |                                       |                        |          | X               |             | X             |
| CA DEPT OF FISH & WILDLIFE<br>CA DEPT OF TRANSPORTATION DIST 10 | X             | X           | <u>x</u>                    |            | <u>x</u>     | v   |                                       |                        |          |                 |             | <u> </u>      |
|   |               | X           | X                           | X          |              | X   |                                       |                        |          | X               | X           |               |
| CA OPR STATE CLEARINGHOUSE                                      | X             | X           | X                           | X          |              | X   |                                       |                        |          | X               |             | X             |
|   |               | X           | X                           | X          |              | X   | ·                                     |                        |          | X               |             | X             |
|   | X             | X           | X                           | X          |              | X   |                                       |                        |          | X               | X           | <b>  </b>     |
|   | X             | X           | <u>x</u>                    | - <u>v</u> | X            |   | -                                     |                        |          |                 |             | <b> </b>      |
| FIRE PROTECTION DIST: SALIDA                                    | X             | X           | X                           | X          |              | X   |                                       |                        |          | X               | X           | <b> </b>      |
|   | X             | X           | X                           | X          | <u> </u>     | X   |                                       |                        |          | X               | X           | <b>  </b>     |
| MOSQUITO DISTRICT: EASTSIDE                                     | X             | X           | X                           |            | X            |   |                                       | <u> </u>               |          |                 | L           |               |
| MT VALLEY EMERGENCY MEDICAL                                     | X             | X           | X                           | ļ          | X            |   |                                       |                        |          |                 |             | $\square$     |
| PACIFIC GAS & ELECTRIC  | X             | X           | X                           |            | X            |   |                                       |                        |          |                 |             |               |
| RAILROAD: UNION PACIFIC   | X             | ×           | X                           |            | X            |   |                                       | ļ                      |          |                 |             |               |
| COMMISSION  | x             | x           | x                           |            | x            |   | ·                                     |                        |          |                 |             |               |
| SAN JOAQUIN VALLEY APCD   | x             | Îx          | x                           |            | 1 x          | <u> </u> · · · ·                          |                                       |                        |          |                 |             | ├             |
| SCHOOL DISTRICT 1: SYLVAN UNION                                 | x             | x           | x                           |            | x            |   |                                       |                        |          |                 |             |               |
| SCHOOL DISTRICT 2: MODESTO UNION                                | x             | x           | X                           | x          |              | x   | }                                     |                        |          | x               |             | x             |
| STAN ALLIANCE   | x             | x           | x                           | ^          | x            | <u>^</u>                                  | · · ·                                 | · · ·                  |          | $\vdash$        | <u> </u>    |               |
| STAN CO AG COMMISSIONER   | x             | x x         | x                           |            | x            |   | · · · · ·                             |                        |          |                 |             |               |
| STAN CO BUILDING PERMITS DIVISION                               | x             | x           | x                           | x          | $\uparrow$   | x   |                                       |                        |          | x               | x           | $\vdash$      |
| STAN CO DOLDING PERMITS DIVISION                                | x             | x           | x                           | $\uparrow$ | x            | <u> </u>                                  |                                       |                        |          | <u> </u>        |             |               |
| STAN CO DER   | x             | Îx          | x                           | x          | <u>  ^ -</u> | x   |                                       |                        |          | x               | x           |               |
| STAN CO BER   | x x           | x x         | x                           | Â          |              | ^   | · · · · · · · · · · · · · · · · · · · | x                      |          | Î               | <u> </u> -^ | x             |
| STAN CO FARM BUREAU   | x x           | x           | x                           | <u> </u>   | x            |   |                                       | <u>^</u>               | <u> </u> | <u><u></u> </u> |             |               |
| STAN CO HAZARDOUS MATERIALS                                     | x             | x           | x                           | x          | <u> </u>     | x   |                                       | <u> </u>               |          | x               | x           | ┨───┦         |
| STAN CO PARKS & RECREATION                                      | x             | x           | x                           | <u> </u>   | x            | ^   |                                       |                        |          | <u> </u>        | ^           | <b>├</b> ───┤ |
| STAN CO PARKS & RECREATION                                      | <del>Î</del>  | Â           | x                           | x          | <u> </u>     | x   |                                       |                        |          | x               | x           |               |
|   | 1 x           | Â           | x                           | <b>├^</b>  | x            | · · · · ·                                 |                                       |                        |          | <b>⊢^</b>       | <b> </b> ^_ | ┨────┦        |
| STAN CO SHERIFF   | x x           | Îx          | x                           |            | x            |   | ····                                  |                        |          |                 | <b> </b>    |               |
| STAN CO SUPERVISOR DIST #:<br>STAN COUNTY COUNSEL               | $\frac{1}{x}$ | 1<br>X      | x                           |            | X            |   |                                       |                        |          |                 | ∦           | ┟───┤         |
|   | $\frac{x}{x}$ | 1 x         | x                           |            | x            | <u> </u>                                  | <b> </b>                              | }                      | <b> </b> | ┨────           | ╟           | ┟╌╍╌┤         |
| StanCOG<br>STANISLAUS FIRE PREVENTION BUREAU                    |               |             |                             | +          | X            |   |                                       |                        | 1        | +               | ∦           | ┟───┤         |
|   | x             | Îx          |                             |            | Â            | <u> </u>                                  |                                       |                        |          |                 |             | ╂───┤         |
| STANISLAUS LAFCO<br>SURROUNDING LAND OWNERS                     | $\uparrow$    | <u> </u> ^- | X<br>X                      | +          | $\uparrow$   |   |                                       |                        | 1        | +               | ╢────       | ┼───┤         |
| TELEPHONE COMPANY:  | x             | x           | x                           |            | x            | <u> </u>                                  |                                       |                        |          |                 | ╟────       | ┨───┤         |
| TRIBAL CONTACTS   | +^            | +^          | <u>  ^ - </u>               |            | $+^-$        |   |                                       |                        | <u> </u> |                 | ╂────       | ╂             |
| (CA Government Code §65352.3)                                   | x             | X           | x                           | 1          | X            |   |                                       |                        |          |                 |             |               |
| US ARMY CORPS OF ENGINEERS                                      | X             | X           | X                           | 1          | X            |   |                                       |                        | 1        |                 |             |               |
| US FISH & WILDLIFE  | X             | X           | X                           | 1          | X            |   |                                       |                        | 1        | 1               |             | 1             |
| US MILITARY AGENCIES  | 1             | 1           |                             | 1          | 1            | 1   |                                       |                        | 1        | 1               |             | 1             |
| (SB 1462) (5 agencies)  | X             | X           | X                           | ļ          | X            | ļ   | ļ                                     |                        | <b> </b> | <u> </u>        | ∥           | <b></b>       |
| WATER DISTRICT: MODESTO   | X             | X           | X                           | X          | 1            | X   |                                       |                        | L        | X               | X           |               |

# Attachment 3

Stanislaus County Planning Commission Minutes July 21, 2016 Page 2

> A. <u>WILLIAMSON ACT CONTRACT CANCELLATION, GENERAL PLAN</u> <u>AMENDMENT, AND REZONE APPLICATION NO. PLN2016-0013 – FINDLAY</u>

**AUTOMOTIVE GROUP** – Request to cancel Williamson Act Contract No. 75-2013 on a .71 acre parcel, amend the General Plan designation on a 9.42 acre parcel from Urban Transition to Planned Development (PD), and rezone four parcels totaling 11.06 acres from General Agriculture and PD 143 to a new PD zone to allow development of an auto dealership. The project site is located at the southwest corner of Pelandale and McHenry Avenues in the Modesto area. The Planning Commission will recommend adoption of a CEQA Negative Declaration for this project. APN: 046-008-024, 046-008-016, 046-005-010, 046-005-014

Staff Report: Rachel Wyse, Associate Planner, Recommends APPROVAL WITH AMENDED DEVELOPMENT STANDARDS AS PROPOSED IN THE STANISLAUS COUNTY PLANNING AND COMMUNITY DEVELOPMENT DEPARTMENT MEMO DATED, JULY 21, 2016.

Public hearing opened.

**OPPOSITION:** None

**FAVOR:** Dave Romano, Engineer, Newman & Romano; Bill Burchell, Property Owner.

Public hearing closed.

Borges/Orvis (6/0) RECOMMENDED APPROVAL TO THE BOARD OF SUPERVISORS AS OUTLINED IN THE STAFF REPORT AND WITH AMENDED DEVELOPMENT STANDARDS NOS. 16, 27 & 54, AS PROPOSED IN THE STANISLAUS COUNTY PLANNING AND COMMUNITY DEVLEOPMENT DEPARTMENT MEMO DATED, JULY 21, 2016, TO READ AS FOLLOWS:

- 16. Road right-of-way shall be deeded to Stanislaus County or the City of Modesto by road easement to provide for:
  - a. 55 feet of right-of-way west of the centerline of McHenry Avenue, or as required to comply with Caltrans requirements for State Route 108 along the frontages of the parcel. The road easement shall be offered to the City of Modesto;
  - b. The City of Modesto is asking for a deceleration lane along Pelandale Avenue to Detroit Lane that shall be designed per the California Highway Design Manual and current City of Modesto Standards. If any additional right-of-way is required, it shall be provided as a road easement to the City of Modesto;
  - c. Prior to the issuance of a building permit, Detroit Lane and the "Future" Road shall be 60-feet wide and provide enough length to allow for a driveway a minimum of <del>350</del>230-feet away from the Pelandale Avenue/Detroit Lane intersection. This road easement shall be offered to Stanislaus County.
- 27. An acceptable financial guarantee for the road improvements for Detroit Lane and Pelandale Avenue shall be provided to the Department of Public Works prior to the issuance of any building, grading or encroachment permit an occupancy permit or a final inspection on

Stanislaus County Planning Commission Minutes July 21, 2016 Page 3

2

any building permit. This may be deferred if the work in the right-of-way is done prior to the issuance of an occupancy permit or final inspection on any any grading or building permit on the project site.

- 54. The proposed driveway along Detroit Lane shall be a minimum of 350
   230 feet away from the Pelandale Avenue/Detroit Lane intersection, as per City standards.
- 6:17 p.m. Commissioner Gibson returned to Chambers. Commissioner Blom left Chambers.

|    | EXCERPT                      |
|----|------------------------------|
|    | PLANNING COMMISSION          |
|    | MINUTES                      |
| Se | cretary, Planning Commission |
| Da | te                           |

# Attachment 4



### Don H. Gaekle Stanislaus County Assessor

Mercy Maya Assistant Assessor Administration Matt N. Reavill Assistant Assessor Valuation 1010 Tenth St., Suite 2400 Modesto, CA 95354-0863

Phone: (209) 525-6461 Fax: (209) 525-6586

www.stancounty.com/assessor

August 12, 2016

Stanislaus County Board of Supervisors c/o Planning and Community Development 1010 Tenth Street, Suite 3400 Modesto, CA 95354

Dear Board Members:

Reference: Property Owner: Burchell Nursery Inc. Assessor's Parcel Number: 046-005-010-000 Williamson Act Contract Number: 1975-2013

In accordance with California Government Code Section 51283 and 51203(b), the Assessor's Office has completed the review of the initial appraisal made June 23, 2016 and upon discovery of new information made the following determination:

The cancellation valuation of .71 acres of the above referenced property restricted under the California Land Conservation Act is <u>Two Hundred Seventy-eight Thousand</u> dollars (\$278,000) representing current fair market value. The cancellation fee is an amount equal to 12½% of the cancellation valuation, or a total of <u>Thirty-four Thousand Seven Hundred and Fifty dollars</u>. (\$34,750).

Pursuant to section 51203(b)(3) the Assessor has attached the conclusion of the formal review. These results are final and will be effective from 6/23/2016 to 6/23/2017.

I hereby certify the cancellation valuation of the above parcel to be \$278,000.

Respectfully,

Don H. Gaekle Assessor

cc: Burchell Nursery Inc. David Romano California Department of Conservation

# Attachment 5

#### STANISLAUS COUNTY ORDINANCE NO. C.S.

AN ORDINANCE ADOPTING SECTIONAL DISTRICT MAP NO. \_\_\_\_\_\_FOR THE PURPOSE OF REZONING FOUR PARCELS TOTALING 11.06 ACRES FROM A-2-10 (GENERAL AGRICULTURE) AND PD 143 TO A NEW PD (PLANNED DEVELOPMENT), TO ALLOW DEVELOPMENT OF AN AUTO DEALERSHIP ON PROPERTY LOCATED AT THE SOUTHWEST CORNER OF PELANDALE AND MCHENRY (STATE ROUTE 108) AVENUES, IN THE MODESTO AREA, APN: 046-008-024, 046-008-016, 046-005-010, 046-005-014.

The Board of Supervisors of the County of Stanislaus, State of California, ordains as follows:

Section 1. Sectional District Map No. 9-110- \_\_\_\_\_\_ is adopted for the purpose of designating and indicating the location and boundaries of a District, such map to appear as follows:

(Map to be inserted upon rezone approval)

Section 2. This ordinance shall take effect and be in full force thirty (30) days from and after the date of its passage and before the expiration of fifteen (15) days after its passage it shall be published once, with the names of the members voting for and against same, in the Modesto Bee, a newspaper of general circulation published in Stanislaus County, State of California.

Upon motion of Supervisor\_\_\_\_\_, seconded by Supervisor \_\_\_\_\_, the foregoing ordinance was passed and adopted at a regular meeting of the Board of Supervisors of the County of Stanislaus, State of California, this \_\_\_\_\_ day of \_\_\_\_\_, 2016, by the following called vote:

| AYES:       | Supervisors: |
|-------------|--------------|
| NOES:       | Supervisors: |
| ABSENT:     | Supervisors: |
| ABSTAINING: | Supervisors: |

Richard Monteith CHAIRMAN OF THE BOARD OF SUPERVISORS of the County of Stanislaus, State of California

ATTEST: ELIZABETH A. KING, Clerk of the Board of Supervisors of the County of Stanislaus, State of California

BY:

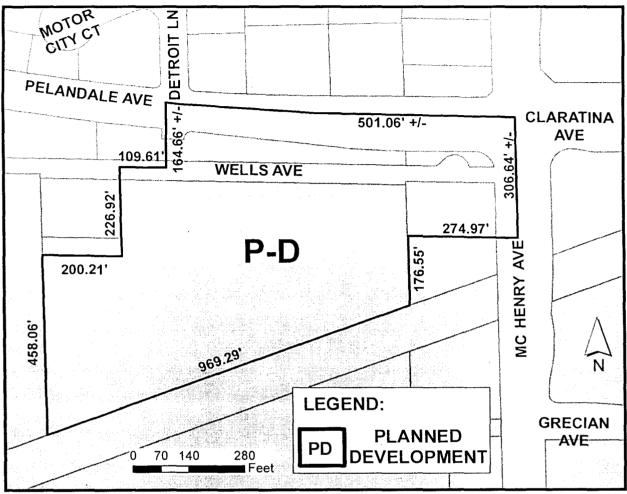
Pam Villarreal, Assistant Clerk of the Board

APPROVED AS TO FORM:

JOHN P. DOERING County County By Boze aty County Counsel

ATTACHMENT 5

## SECTIONAL DISTRICT MAP NO. 9-110-TBD



## EFFECTIVE DATE: PREVIOUS MAPS: 488 F

CLERK OF THE BOARD OF SUPERVISORS

STANISLAUS COUNTY

1010 10th Street, Suite 6700, Modesto, CA 95354 Phone: 209.525.4494 Fax: 209.525.4420



#### NOTICE OF DECISION FOR TENTATIVE CANCELLATION OF WILLIAMSON ACT CONTRACT NO. 75-2013

NOTICE IS HEREBY GIVEN pursuant to Government Code Section 51284, that upon motion of Supervisor Withrow, seconded by Supervisor DeMartini, a petition to cancel Williamson Act Contract No. 75-2013, affecting the land and improvements located on Assessor's Parcel Nos. 046-008-024; 046-008-016; 046-005-010; and, 046-005-014 owned by Findlay Automotive Group, was granted tentative approval at the 9:05a.m. public hearing held during a regular meeting of the Board of Supervisors, of the County of Stanislaus, State of California, located at 1010 10<sup>th</sup> Street, Modesto, California, this 23rd day of August 2016, by the following called vote:

| AYES: SUPERVISORS: | O'Brien, Chiesa, Withrow, DeMartini and Chairman Monteith |
|--------------------|---|
| NOES:              | None  |
| ABSENT:            | None  |
| ABSTAINING:        | None  |

NOTICE IS FURTHER GIVEN that pursuant to Government Code Section 51282, the Board finds that the cancellation is consistent with the purposes of the California Land Conservation Act and that cancellation is in the public interest.

BY ORDER OF THE BOARD OF SUPERVISORS

- DATED: August 23, 2016
- ATTEST: Elizabeth A. King, Clerk of the Board of Supervisors of the County of Stanislaus, State of California BY: Pam Villarreal.

Assistant Clerk of the Board

RECORDING REQUESTED BY Stanislaus County Board of Supervisors

AND WHEN RECORDED MAIL TO:

Stanislaus County Board of Supervisors 1010 10<sup>th</sup> Street, Suite 6700 Modesto, CA 95354

## 

Stanislaus, County Recorder Lee Lundrigan Co Recorder Office DOC- 2016-0066807-00 Tuesday, AUG 30, 2016 15:44:40 Ttl Pd \$0.00 Rcpt # 0003859573 JMB/R2/1-3

## CERTIFICATE OF TENTATIVE APPROVAL OF CANCELLATION OF A PORTION OF WILLIAMSON ACT CONTRACT NO. 75-2013

NOTICE IS HEREBY GIVEN that on August 23, 2016, the Board of Supervisors of the County of Stanislaus, State of California granted tentative approval of a petition to cancel a Portion of Williamson Act Contract No.75-2013, affecting the land and improvements located on Assessor's Parcel No. 046-005-010 owned by Burchell Nursery Inc.. The property is more fully identified on the legal description (Exhibit A) as Parcel "1."

NOTICE IS FURTHER GIVEN that a Certificate of Cancellation of a Portion of Williamson Act Contract No. 75-2013 will be issued and recorded if the following specified conditions and contingencies are satisfied within one year of the date this notice is recorded:

1. Payment of the Cancellation fee of \$34,750.00.

2. Unless the fee is paid, or a certificate of cancellation of a portion of the contract is issued within one year from the date of the recording of this certificate of tentative cancellation, such fee shall be recomputed as required by State statute.

3. Per California Government Code Section 51283.4(b), the landowner shall notify the Board of Supervisors when he has satisfied the conditions and contingencies enumerated in this Certificate of Tentative Cancellation.

The undersigned duly authorized officer of Stanislaus County declares that the foregoing is true and correct under penalty of perjury under the laws of the State of California.

DATED: August 23, 2016

ATTEST: ELIZABETH A KING, Clerk of the Board of Supervisors of the County of Stanislaus, State of California

Pam Villarreal, Assistant Clerk of the Board Lynn Villallea AKA tainela

By:

\*75-2013 – Original contract recorded on February 19, 1975, Instrument Number 31784, Volume 2684, Pages 542-554. Owner: Burchell Nursery Inc.

#### EXHIBIT "A"

Legal Description

### THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF MODESTO, COUNTY OF STANISLAUS, STATE OF CALIFORNIA AND IS DESCRIBED AS FOLLOWS:

#### PARCEL ONE:

All that portion of Section 5, Township 3 South, Range 9 East, M.D.B.&M, bounded and described as:

The East 277 feet lying North of the North line of Hetch Hetchy right of way of the following:

Commencing at the Southeast corner of said Section 5; thence West along the South line of said Section, 18.10 chains; thence North on a line parallel with East line of Section, 17.67 chains; thence East on a line parallel with the South line of said Section, 18.10 chains to the East line of said Section; thence South along the said East line, 17.67 chains to the point of beginning.

EXCEPTING THEREFROM all that portion of the Southeast quarter of the Southeast quarter of Section 5, Township 3 South, Range 9 East, M.D.B.&M., bounded and described as:

Beginning at a point on the West line of a 50 foot County Road known as McHenry Avenue and the North line of Hetch Hetchy right of way; thence North and along the West line of McHenry Avenue, 82 feet to the true point of beginning of this description; thence West and parallel with the South line of said Section, 250 feet, thence South and parallel with the West line of said McHenry Avenue to a point on the Northerly line of Hetch Hetchy right of way; thence Easterly and along said Northerly line to the intersection thereof with the center line of McHenry Avenue; thence North along said center line to a point 25 feet West of and in line with the North line of the herein described land; thence West 25 feet to the true point of beginning.

APN: 046-005-010

#### PARCEL TWO:

All that portion of Section 5, Township 3 South, Range 9 East, M.D.B.&M., described as follows:

All that portion lying North of the North line of Hetch Hetchy right of way and West of the East 277 feet of the following:

Commencing at the Southeast corner of said Section 5; thence West along the South line of said Section, 18.10 chains; thence North on a line parallel with the East line of Section 17.67 chains; thence East on a line parallel with the South line of said Section, 18.10 chains to the East line of said Section; thence South along said East line, 17.67 chains to the point of beginning.

EXCEPTING THEREFROM the following described property; Parcel 1 as shown on that certain Parcel Map filed August 3, 1970, in Book 9 of Parcel Maps, Page 63, Stanislaus County Records, being a portion of the Southeast quarter of Section 5, Township 3 South, Range 9 East, Mount Diablo Base and Meridian.

APN: 046-005-014

#### PARCEL THREE:

All that portion of the Southeast quarter of Section 5, Township 3 South, Range 9 East, Mount Diablo Base and Meridian, described as follows:

Commencing at a point on the Section line between Sections 4 and 5, above Township and Range, said point bears North 1° 28' West a distance of 1166.22 feet from the corner of Sections 4, 5, 8 and 9, above Township and Range, being the Southeast corner of the tract of land described in the Deed to Royal C. Kilgore, et ux, recorded

#### **CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

| State of California         | )  |
|-----------------------------|--|
| County of <u>Stanislaus</u> | )  |
| on August 30,2016           | _before me, Janet T. Smyers, Notary Public |
| J Date                      | Here Insert Name and Title of the Officer  |
| personally appeared 12MG    | ela Lynn Villarreal                        |
|                             | Name(s) of Signer(s)                       |

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that be/she/they executed the same in bis/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Place Notary Seal Above

#### **OPTIONAL** -

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

| Description of Attached Document  | 1                               | Δ                                 |
|---|---------------------------------|-----------------------------------|
| Title or Type of Document: (and) of Williamson                                  | 1 Ant + 75-2063 un              | nent Date: <u>Hugust 23, 2016</u> |
| Number of Pages: Signer(s) Other Than   | Named Above:                    |                                   |
| Capacity(ies) Claimed by Signer(s)<br>Signer's Name: Hamela Lynn VIIIarral      |                                 |                                   |
| Signer's Name: tamela Lynn Villa rocal  | Signer's Name:                  |                                   |
| Corporate Officer – Title(s):   | Corporate Officer – Title(s):   |                                   |
| Partner –  Limited  General   | 🗆 Partner — 🗆 Limited 🛛 General |                                   |
| Individual     Attorney in Fact   | 🗌 Individual                    | Attorney in Fact                  |
| Trustee Guardian_or Conservator   | Trustee                         | Guardian or Conservator           |
| Di Other: Acar, Clerk of the Board  | Other:                          |                                   |
| Di Other: Asst. Clerk of the Board<br>Signer Is Representing: Stonislaus County | Signer Is Representing:         |                                   |
|   |                                 |                                   |

©2014 National Notary Association • www.NationalNotary.org • 1-800-US NOTARY (1-800-876-6827) Item #5907

#### CLERK OF THE BOARD OF SUPERVISORS

STANISLAUS COUNTY

1010 10th Street, Suite 6700, Modesto, CA 95354 Phone: 209.525.4494 Fax: 209.525.4420



August 29, 2016

David Bunn, Director Department of Conservation 801 K Street, MS 18-01 Sacramento, CA 95814

### RE: NOTICE OF DECISION FOR TENTATIVE CANCELLATION OF A PORTION OF WILLIAMSON ACT CONTRACT NO. 75-2013

Dear Mr. Bunn:

Enclosed is a copy of the Notice of Decision for Tentative Cancellation of a Portion of Williamson Act Contract No. 75-2013, which is to be published in The Modesto Bee. The Stanislaus County Board of Supervisors granted tentative approval to cancel a portion of these Williamson Act Contracts on August 23, 2016.

For further information, please call the Planning and Community Development Department at 209-525-6330 or the Board of Supervisors at 209-525-6415.

Sincerely,

Pan Dland

Pam Villarreal, Assistant Clerk Board of Supervisors

CLERK OF THE BOARD OF SUPERVISORS

STANISLAUS COUNTY

1010 10th Street, Suite 6700, Modesto, CA 95354 Phone: 209.525.4494 Fax: 209.525.4420



August 29, 2016

BURCHELL NURSERY INC 12000 HIGHWAY 120 OAKDALE CA 95361 ASSOCIATED ENGINEERING GROUP INC JIM FREITAS 5205 TECHNOLOGY DR SUITE 4 MODESTO CA 95356

FINDLAY AUTOMOTIVE GROUP 310 N. GIBSON RD HENDERSON NV 89014

#### RE: CERTIFICATE OF TENTATIVE CANCELLATION OF A PORTION OF WILLIAMSON ACT CONTRACT NO.75-2013 AND NOTICE OF DECISION

Dear Applicant:

Please find enclosed a copy of the Certificate of Tentative Approval of Cancellation of a Portion of Williamson Act Contract No. 75-2013 and the Notice of Decision. The original Certificate of Tentative Approval of Cancellation was sent to the Office of the Clerk-Recorder to be recorded. The Board of Supervisors granted tentative approval to cancel this Williamson Act Contract on August 23, 2016.

For further information, please call the Planning and Community Development Department at 525-6330 or the Board of Supervisors at 525-6415.

Sincerely,

1

Pam Villarreal, Assistant Clerk of the Board of Supervisors

#### DECLARATION OF MAILING

#### IN RE NOTICE OF DECISION FOR TENTATIVE CANCELLATION OF A PORTION OF WILLIAMSON ACT CONTRACT NO. 75-2013 AND NOTICE OF DECISION

I, Pam Villarreal, declare that I am a citizen of the United States, over 18 years of age, a resident of Stanislaus County, and not a part to the within action; that my business address is 1010 10th St., Ste. 6700, Modesto, California; that I served a copy of the attached notice by placing said copy in an envelope addressed to the following:

| BURCHELL NURSERY INC<br>12000 HIGHWAY 120<br>OAKDALE CA 95361      | ASSOCIATED ENGINEERING GROUP INC<br>JIM FREITAS<br>5205 TECHNOLOGY DR SUITE 4<br>MODESTO CA 95356 |
|--|---|
| FINDLAY AUTOMOTIVE GROUP<br>310 N. GIBSON RD<br>HENDERSON NV 89014 |   |

which envelope was then sealed and postage fully prepaid thereon and thereafter, on August 29, 2016, deposited in the United States Mail at Modesto, California; that there is delivery service by United States Mail at the place so addressed or regular communication by United States Mail between the place of mailing and the place so addressed.

I declare under penalty of perjury that the foregoing is true and correct.

Parn Illamel

#### STANISLAUS COUNTY ORDINANCE NO. C.S. 1173

AN ORDINANCE ADOPTING SECTIONAL DISTRICT MAP NO.9-110-1007 FOR THE PURPOSE OF REZONING FOUR PARCELS TOTALING 11.06 ACRES FROM A-2-10 (GENERAL AGRICULTURE) AND PD 143 TO A NEW PD (PLANNED DEVELOPMENT), TO ALLOW DEVELOPMENT OF AN AUTO DEALERSHIP ON PROPERTY LOCATED AT THE SOUTHWEST CORNER OF PELANDALE AND MCHENRY (STATE ROUTE 108) AVENUES, IN THE MODESTO AREA, APN: 046-008-024, 046-008-016, 046-005-010, 046-005-014.

The Board of Supervisors of the County of Stanislaus, State of California, ordains as follows:

Section 1. Sectional District Map No. 9-110-1007 is adopted for the purpose of designating and indicating the location and boundaries of a District, such map to appear as follows:

#### (Map to be inserted here)

Section 2. This ordinance shall take effect and be in full force thirty (30) days from and after the date of its passage and before the expiration of fifteen (15) days after its passage it shall be published once, with the names of the members voting for and against same, in the Modesto Bee, a newspaper of general circulation published in Stanislaus County, State of California.

Upon motion of Supervisor Withrow seconded by Supervisor DeMartini the foregoing ordinance was passed and adopted at a regular meeting of the Board of Supervisors of the County of Stanislaus, State of California, this 23<sup>rd</sup> day of August, 2016, by the following called vote:

AYES:Supervisors: O'Brien, Chiesa, Withrow, DeMartini, and Chairman MonteithNOES:Supervisors: NoneABSENT:Supervisors: NoneABSTAINING:Supervisors: None

Dick Monteith CHAIRMAN OF THE BOARD OF SUPERVISORS of the County of Stanislaus, State of California

ATTEST: ELIZABETH A. KING, Clerk of the Board of Supervisors of the County of Stanislaus, State of California

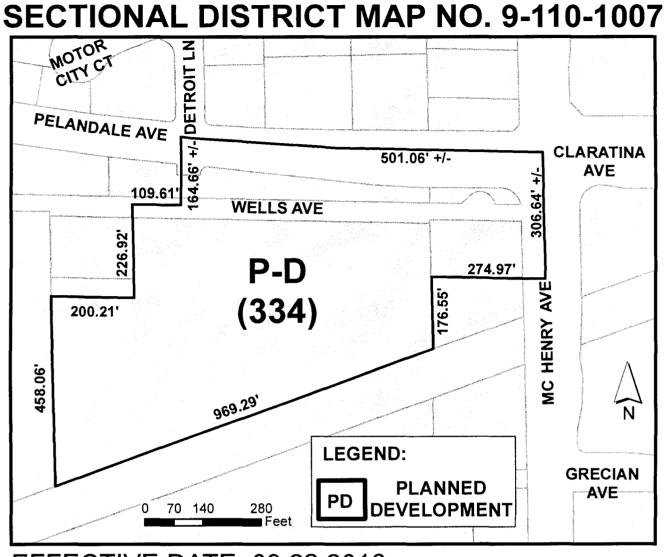
Pom Villaul

Pam Villarreal, Assistant Clerk of the Board

APPROVED AS TO FORM:

BY:

JOHN P. DOERING County Counsel Βv Thomas E. Boze Assistant County Counsel



EFFECTIVE DATE: 09.22.2016 PREVIOUS MAPS: 488 F

#### DECLARATION OF PUBLICATION (C.C.P. S2015.5)

#### COUNTY OF STANISLAUS STATE OF CALIFORNIA

I am a citizen of the United States and a resident of the County aforesaid; I am over the age of eighteen years, and not a party to or interested in the above entitled matter. I am a printer and principal clerk of the publisher of

#### THE MODESTO BEE,

which has been adjudged a newspaper of general circulation by the Superior Court of the County of STANISLAUS, State of California, under the date of February 25, 1951, Action No. 46453. The notice of which the annexed is a printed copy has been published in each issue thereof on the following dates, to wit:

#### SEPTEMBER 1, 2016

I certify (or declare) under penalty of perjury that the foregoing is true and correct and that this declaration was executed at **MODESTO**, California on

#### SEPTEMBER 1, 2016

(Signature)

#### NOTICE OF DECISION FOR TENTATIVE CANCELLATION OF A PORTION OF WILL IAMSON ACT CONTRACT NO. 75-2013

NOTICE IS HEREBY GIVEN PUIScont to Government Code Section 51284, that upon motion of Supervisor Withrow, seconded by Supervisor DeMartini, a petition to cancel a Portion of Williamson Act Contract No. 75-2013, affecting the land and improvements located on Assessor's Parcel No. 046-005-010 owned by Burchell Nursery Inc., was granted tentative approval at the 9:05a.m. public hearing held during a regular meeting of the Board of Supervisors, of the County of Stanislaus, State of California, located at 1010 10th Street, Modesto, California, this 23rd day of August 2016, by the following called vote: AYES: SUPERVISORS: O'Brien, Chiesa, Withrow, DeMartini and Chairman Monteith. NOES: None. ABSENT: None. ABSTAINING: None.

NOTICE IS FURTHER GIVEN that pursuant to Government Code Section 51282, the Board finds that the cancellation is consistent with the purposes of the California Land Conservation Act and that cancellation is in the public interest. BY ORDER OF THE BOARD OF SUPERVISORS, DATED: August 23, 2016. ATTEST: Elizabeth A, King, Clerk of the Board of Supervisors of the County of Stanislaus/ State of California. BY: Pam Villarreal, Assistant Clerk of the Board.

ORD-55-W-4

#### DECLARATION OF PUBLICATION (C.C.P. S2015.5)

#### COUNTY OF STANISLAUS STATE OF CALIFORNIA

I am a citizen of the United States and a resident of the County aforesaid; I am over the age of eighteen years, and not a party to or interested in the above entitled matter. I am a printer and principal clerk of the publisher of **THE MODESTO BEE**,

#### which has been adjudged a newspaper of general circulation by the Superior Court of the County of **STANISLAUS**, State of California, under the date of **February 25**, 1951, Action **No. 46453.** The notice of which the annexed is a printed copy has been published in each issue thereof on the following dates, to wit:

#### **SEPTEMBER 3, 2016**

I certify (or declare) under penalty of perjury that the foregoing is true and correct and that this declaration was executed at **MODESTO**, California on

#### SEPTEMBER 3, 2016

Cynthia Q. Mitamara

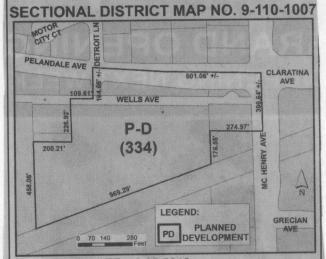
(Signature)\_

#### STANISLAUS COUNTY ORDINANCE NO. C.S. 1173

AN ORDINANCE ADOPTING SECTIONAL DISTRICT MAP NO.9-110-1007 FOR THE PURPOSE OF REZONING FOUR PARCELS TOTALING 11.06 ACRES FROM A-2-10 (GENERAL AGRICULTURE) AND PD 143 TO A NEW PD (PLANNED DEVELOPMENT), TO ALLOW DEVELOPMENT OF AN AUTO DEALERSHIP ON PROPERTY-LOCATED AT THE SOUTHWEST CORNER OF PELANDALE AND MCHENRY (STATE ROUTE 108) AVENUES, IN THE MODESTO AREA, APN: 046-008-024, 046-008-016, 046-005-010, 046-005-014.

The Board of Supervisors of the County of Stanislaus, State of California, ordains as follows Section 1. Sectional District Map No. 9-110-1007 is adopted for the purpose of designating

and indicating the location and boundaries of a District, such map to appear as follows:



#### EFFECTIVE DATE: 09.22.2016 PREVIOUS MAPS: 488 F

Section 2. This ordinance shall take effect and be in full force thirty (30) days from and after the date of its passage and before the expiration of fifteen (15) days after its passage it shall be published once, with the names of the members voting for and against same, in the Modesto Bee, a newspaper of general circulation published in Stanislaus County, State of California.

Upon motion of Supervisor Withrow seconded by Supervisor DeMartini the foregoing ordinance was passed and adopted at a regular meeting of the Board of Supervisors of the County of Stanislaus, State of California, this 23rd day of August, 2016, by the following called vote: AYES: Supervisors: O'Brien, Chiesa, Withrow, DeMartini, and Chairman Monteith. NOES: None. ABSENT: None. ABSTAINING: None. /s/Dick Monteith, CHAIRMAN OF THE BOARD OF SUPERVISORS. of the County of Stanislaus, State of California. ATTEST: ELIZABETH A. KING, Clerk of the Board of Supervisors of the County of Stanislaus, State of California. BY: Pam Villarreal, Assistant Clerk of the Board. APPROVED AS TO FORM: JOHN P. DOERING County Counsel. By: Thomas E. Boze, Assistant County Counsel.

## WAC, GPA & REZ PLN2016-0013 FINDLAY AUTOMOTIVE GROUP

**Board of Supervisors** August 23, 2016



# Overview

- Williamson Act Cancellation
- General Plan Amendment
- Rezone Application
- Request to rezone the entire property to Planned Development for an auto dealership



WAC GPA REZ PLN2016-0013 FINDLAY AUTOMOTIVE GROUP AREA MAP

WAC GPA REZ PLN2016-0013 FINDLAY AUTOMOTIVE GROUP GENERAL PLAN MAP WAC GPA REZ PLN2016-0013 FINDLAY AUTOMOTIVE GROUP ZONING DESIGNATION MAP

WAC GPA REZ PLN2016-0013 FINDLAY AUTOMOTIVE GROUP (2015) AERIAL MAP



### WAC GPA REZ PLN2016-0013 FINDLAY AUTOMOTIVE GROUP Site Plan

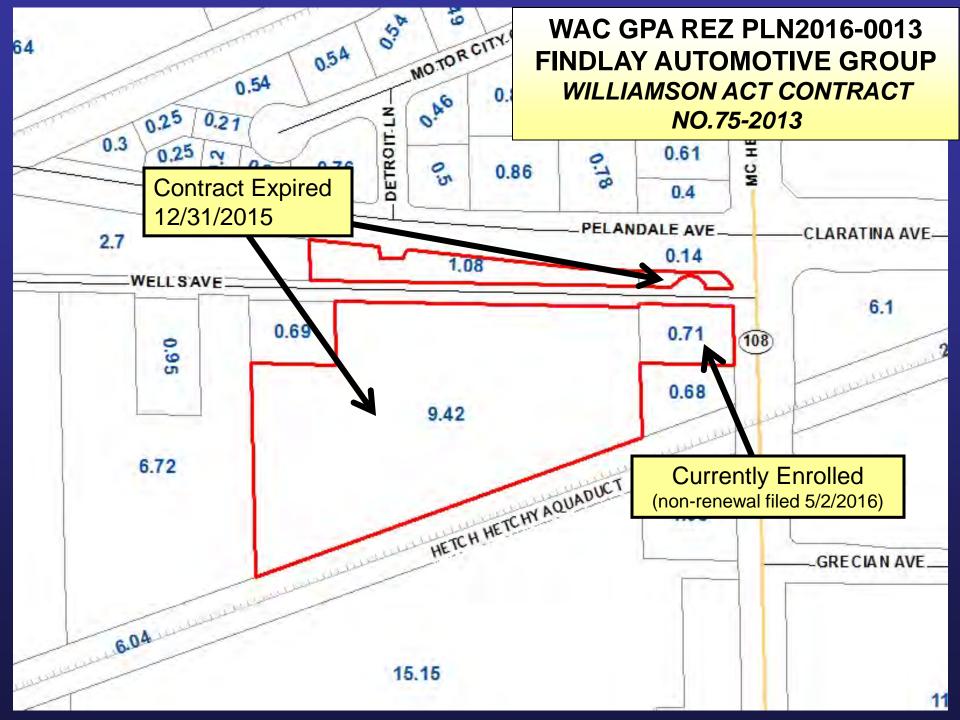
### WAC GPA REZ PLN2016-0013 FINDLAY AUTOMOTIVE GROUP Site After Lot Line Adjustment/Merger



# Williamson Act Cancellation

- Contract No. 75-2013
- .71 acre parcel





# Williamson Act Cancellation

- Assessor Cancellation Valuation
- Department of Conservation



# General Plan & Zoning Consistency

### **General Plan**

- Planned Development
  - Auto Dealership Consistent
- Sphere of Influence

## <u>Zoning</u>

Rezone to Planned
 Development Needed
 for Auto Dealership



# **Environmental Review**

## • CEQA – Negative Declaration – Cal Trans



# **Planning Commission**

## • July 21, 2016

- No one spoke in opposition
- 6-0 Vote Recommending: the BOS approve the project subject to the amended Development Standards.



# Recommendation

- Staff recommendation
  - Approval
  - Amended Assessor's Valuation
- Findings Exhibit A
  - Environmental Review
  - Williamson Act, GPA, and Rezone
  - Increase for demands and services





