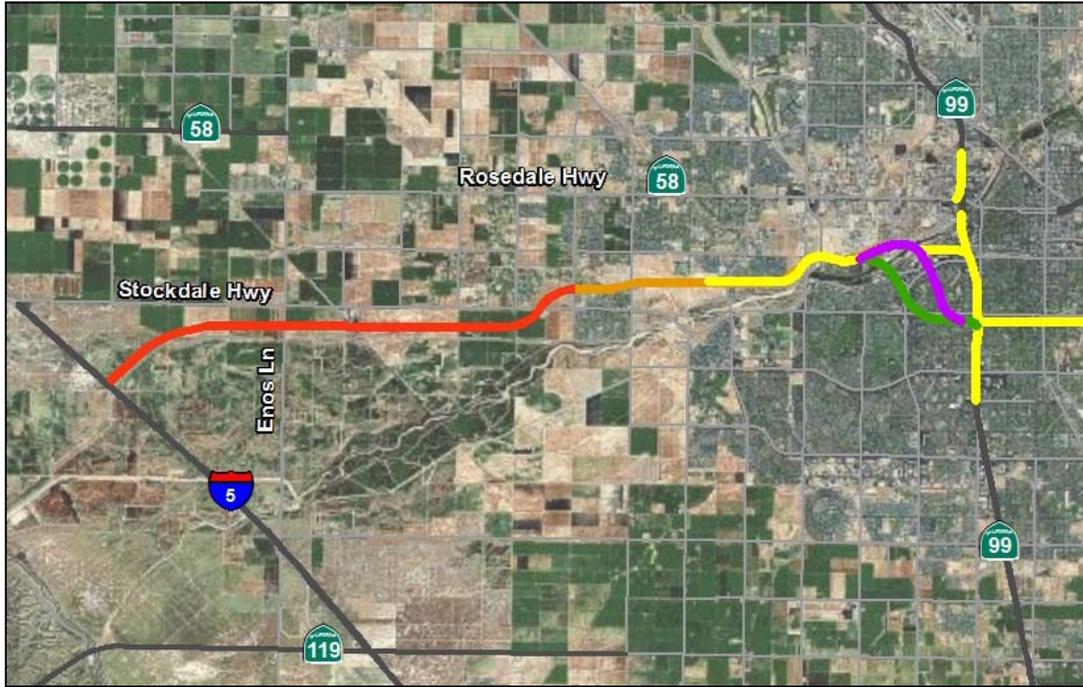


ATTACHMENT I
TRANSPORTATION MANAGEMENT PLAN

Centennial Corridor Project



Preliminary Transportation Management Plan

Centennial Corridor from State Route 99 to Interstate 5

City of Bakersfield and Kern County, CA

District 06 - KERN – 58 - PM T31.70 to PM 55.6

District 06 - KERN – 99 - PM 21.2 to PM 26.2

Project ID# 06-0000-0484

May 2012



Preliminary Transportation Management Plan

Centennial Corridor from State Route 99 to Interstate 5

City of Bakersfield and Kern County, CA

District 06 - KERN – 58 - PM T31.70 to PM 55.6

District 06 - KERN – 99 - PM 21.2 to PM 26.2

Project ID# 06-0000-0484

May 2012

STATE OF CALIFORNIA

Department of Transportation



Prepared by: Daniel Wagner Date: 5/10/2012
Daniel Wagner, P.E., Senior Engineer
619-515-5102
Parsons
110 West "A" Street, Suite 1050
San Diego, CA 92101

Reviewed by: Jose D. Fernandez, Jr. Date: 5/24/2012
Jose D. Fernandez, Jr., P.E., District 6 TMP Manager
559-444-2492
Office of Traffic Operations
California Department of Transportation
District 6
Fresno, CA 93728

Approved By: Albert M. Lee Date: 5/24/2012
Albert M. Lee, P.E., Chief/District Traffic Manager
559-488-4111
Office of Traffic Operations
California Department of Transportation
District 6
Fresno, CA 93728

Table of Contents

	Page
EXECUTIVE SUMMARY	4
1.0 PUROPOSE OF THE TRANSPORTATION MANAGEMENT PLAN	5
2.0 PROJECT LOCATION	5
3.0 PROJECT DESCRIPTION	5-7
4.0 TRANSPORTATION MANAGEMENT PLAN SUMMARY	7
5.0 PUBLIC INFORMATION	8
6.0 MOTORIST INFORMATION	9
7.0 INCIDENT MANAGMENT	9-10
8.0 CONSTRUCTION TMP STRATEGIES.....	10-18
9.0 TRAVEL DEMAND MANAGEMENT	19
10.0 ALTERNATE ROUTE STRATEGIES	19
11.0 COST VALIDATION	19-20

Appendix

APPENDIX A: CONSTRUCTION STAGING & DETOUR PLAN SHEETS

A1 - ALTERNATIVE A

A2 - ALTERNATIVE B

A3 - ALTERNATIVE C

Executive Summary

The Centennial Corridor Project Transportation Management Plan (TMP) is preliminary and highlights the items to be addressed in the final TMP for the project. This report will discuss the purpose of the TMP, describe the location, discuss the project alternatives, discuss various strategies that would be employed to alleviate work-related traffic delays, and provide a validation of the costs of the TMP. A final TMP will be developed during PS&E to finalize the details of the strategies used. Each project is unique and the strategies will be tailored to best fit the current project climate. Some strategies discussed in this plan may be found to not be applicable, while others may be added that were not included in this plan.

1.0 PURPOSE OF THE TRANSPORTATION MANAGEMENT PLAN

The purpose of a TMP is to provide a program of strategies for alleviating or minimizing work-related traffic delays by the effective application of traditional and innovative traffic handling practices without compromising public and worker safety or the quality of the work. These strategies include a combination of public and motorist information, corridor/network management, incident management, designated alternate routes, construction method strategies, and public outreach. The TMP also outlines the roles and responsibilities of the project stakeholders prior to and during construction.

TMPs are prepared to comply with Caltrans Deputy Directive No. 60-R1. This requires TMPs to be prepared for all projects on the State Highway System.

Three alternative alignments for the Centennial Corridor Project (described below) have been evaluated to determine their impact on traffic during construction. This report examines the alternative alignments from a transportation management plan perspective, providing additional information to assist in choosing the best alternative.

2.0 PROJECT LOCATION

This project is located on State Route 58 in Bakersfield and Kern County, California, from Calloway Drive to Cottonwood Road. It includes State Route 99 from Ming Avenue to State Route 58.

3.0 PROJECT DESCRIPTION

The Centennial Corridor Project will be a new route for State Route 58 between Westside Parkway near Calloway Drive and existing State Route 99. Constructing the Centennial Corridor Project will impact the existing Westside Parkway, State Route 58, and State Route 99 traffic with off peak lane closures, shoulder closures, and lane shifts where lanes are added and roadway geometry is revised. Existing local road traffic will also be impacted as the new route is constructed over cross roads. See Figure 1.

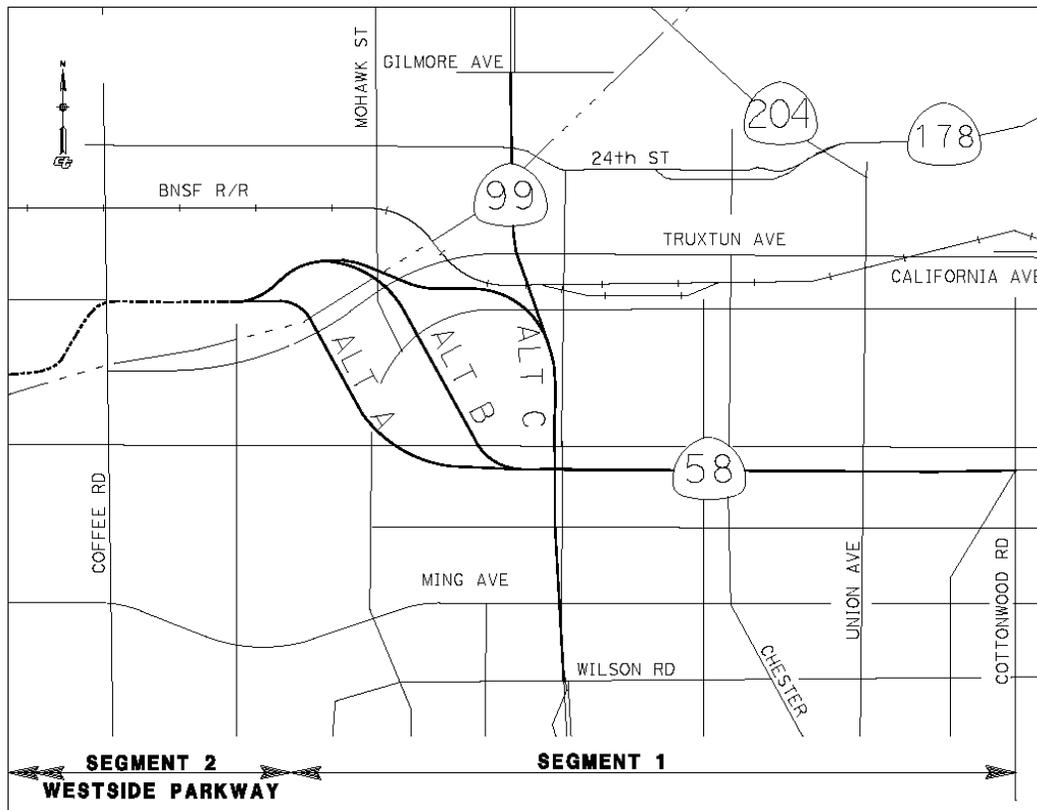


Figure 1 - Project Map

Alternative Alignment Descriptions

Alternative A proposes to connect the east end of Westside Parkway to State Route 58 by means of a six-lane facility west of the State Route 58/State Route 99 Interchange. This alternative is parallel to and south of Stockdale Highway for approximately one mile before turning north and connecting to Westside Parkway between Mohawk Street and Coffee Road. There would also be linkage to the Mohawk Street Interchange providing additional connectivity with downtown Bakersfield. See Figure 1 for Alternative A alignment.

Alternative B proposes to connect the east end of Westside Parkway to State Route 58 by means of a six-lane facility west of the State Route 58/State Route 99 Interchange. The alignment would travel in a westerly direction for approximately one-half mile on the south side of Stockdale Highway, at which point it would turn to the northwest and join Westside Parkway just east of the Mohawk Street Interchange. See Figure 1 for Alternative B alignment.

Alternative C proposes to connect the existing State Route 58 to Westside Parkway by means of a six-lane facility parallel to existing State Route 99. Auxiliary lanes and ramp modifications on State Route 99 would be required to accommodate weaving movements associated with the new connections. See Figure 1 for Alternative C alignment.

The TMP for these three alternatives will be similar, with a slight variance depending on the differences in affected routes. See Section 8.0 Construction TMP Strategies and Appendix A for a detailed project layout and staging plan to define how the roadway will be constructed and traffic is maintained. The TMP for the chosen alternative will need to address the various items of a standard Transportation Management Plan, as described in the Caltrans *Transportation Management Plan Guidelines*. It is desirable to maintain the current level of service on Westside Parkway, State Route 58, and State Route 99 during construction. Updated traffic counts may be required to take into account the latest traffic volumes while addressing work related traffic delays. Expected traffic restrictions include off peak lane closures, shoulder closures, ramp closures and lane shifts.

The Final TMP will include an analysis of other regional projects that may impact each other when considering scheduling and alternate routes. The Centennial Corridor project construction schedule will be coordinated with surrounding regional projects to minimize or eliminate overlaps.

4.0 TRANSPORTATION MANAGEMENT PLAN SUMMARY

A Final Transportation Management Plan (TMP) will be developed during PS&E for the Centennial Corridor Project. The TMP will be prepared using the Caltrans *Transportation Management Plan Guidelines* as a “Major” TMP, based on the potential level of impacts to traffic. It will address construction related traffic delays with a combination of the following strategies:

- **Public Information:** The Public Information Plan will outline what types of information will be provided to the public and how it will be disseminated.
- **Motorist Information:** Fixed and Portable changeable message signs will be used to relay upcoming construction impacts, such as lane and road closures, directly to motorists.
- **Incident Management:** An Incident Management plan will be developed as part of the TMP to define the parameters and responsibilities to respond to incidents on and adjacent to the corridor during construction.
- **Construction Methods and Staging:** Construction methods and staging will be evaluated for constructability and to explore opportunities to minimize impacts to the traveling public. The construction schedule will also be used to reduce traffic impacts.
- **Travel Demand Management:** A Travel Demand Management plan will be developed to implement a number of strategies to remove traffic from affected routes, such as creating or expanding park and ride lots, temporary and permanent ramp metering, transit service improvements, and transit and ride share incentives.
- **Alternate Routes:** Alternate routes will be evaluated as a strategy to minimize impacts to roadways under construction. The alternate routes should be evaluated for condition and anticipated level of service during construction.

5.0 PUBLIC INFORMATION

A roadway construction project will be successful if the public is made aware of how they will be impacted during the construction phase so that they can plan their travel accordingly. A public information plan is a vital component of the TMP. It will outline what types of information will be provided to the public and how it will be disseminated. Various public information options that may be used for this project are described below.

Brochures and mailers are printed material containing project related information such as project schedules, maps of the project, a description of the project need, alternative routes, alternative modes of transportation, and transit services. In addition to direct mailing, the brochures may be disseminated to motorists at key locations throughout the project area, including businesses, chambers of commerce, and other local groups.

Press releases to the local media provide timely project-related information to the news media, affected businesses, and other affected or interested parties using print and/or electronic media.

Paid advertisements may be transmitted through newspaper, radio, and television ads, as well as billboards. These can be used to inform the public of progress updates or to provide information regarding major activities and changes to the work zone configuration.

A public information center is a small scale facility, typically located on or near the project site that contains informational materials such as scale model displays, maps, brochures, videos describing the project, potential traffic impacts, and available travel alternatives, including transit routes and transit contact information. A kiosk can also be used to distribute project information. These are typically located in areas of high foot traffic in the general vicinity of the work zone location. Shopping malls, gas stations, and grocery stores are typical locations.

A telephone hotline allows motorists to hear pre-recorded messages or real time, interactive request/response information and a link to 511, the travel information direct line.

Project web sites are a useful tool providing project information, such as is shown in the brochures as well as project photos and links to travel information. As the project progresses, the web site can be updated with new, relevant information.

Public meetings allow the public relations staff for the project team to present a comprehensive overview of the project to the community. This forum also provides the public with a means to voice potential concerns and personal impacts directly to the project team.

A community Task Force is made up of various stakeholders that may be impacted by the work zone and can help facilitate information dissemination to their peers.

6.0 MOTORIST INFORMATION

A successful TMP will include a Motorist Information system that will be implemented during construction. The main component of this system is the Changeable Message Sign (CMS). The CMS can be fixed or portable. Fixed CMS signs are typically a part of the local ITS system. Portable CMS are provided by the contractor at strategic points in advance of and within the work zone.

Other components used for motorist information could include a contractor supplied Highway Advisory Radio (HAR) and the 511 Traveler Information System that provides real time traffic information to motorists approaching the construction zone. This information guides and assists motorists in making alternate route selections to avoid the impacted area. Ground mounted signs are designed to guide motorists through the various alternate routes.

7.0 INCIDENT MANAGEMENT

Traffic incidents that occur in or near a work zone can severely impact an already congested roadway. The most effective tool in reducing potential congestion is to remove the incident as quickly as possible. Standard protocol is used for all traffic incidents as part of the Traffic Operations Division's Incident Management Program. A project specific Incident Management Plan is used in conjunction with and supplements the standing protocol. In order to minimize the impacts of traffic incidents, the TMP will incorporate an incident management plan. The following components of the plan would be utilized:

Construction Zone Enhanced Enforcement Program (COZEEP)

COZEEP is a program that utilizes California Highway Patrol (CHP) officers during construction to improve the safety of construction work crews and the motoring public. Enhanced enforcement would include roving or stationary patrol vehicles for speed enforcement, queue control, and monitoring of traffic control devices. CHP officers may also be utilized for traffic control assignments and provide emergency response to incidents.

Freeway Service Patrol (FSP)

FSP is a congestion relief program that uses dedicated towing services to remove disabled vehicles or those involved in an incident. Services provided include changing flat tires, providing gas, and towing to an accident investigation site or staging area out of traffic.

Access of Emergency Services during Construction

The contractor and resident engineer would facilitate the safe access of emergency vehicles to or through the work zone during construction. Alternate access points that are closed to the public may be used by emergency service vehicles to bypass stopped traffic. Contractor access points and haul routes frequently can be used as alternate access.

Transportation Management Center (TMC)

Road user information will be coordinated by the Caltrans TMC. A TMC is used to monitor the construction zone and alert the Freeway Service Patrol or emergency services of incidents as they occur to facilitate quick response times.

Traffic Surveillance

Surveillance equipment such as detector loops and cameras will be used to identify traffic problems and respond to incidents.

These elements, as part of the Incident Management Plan, will reduce the impacts to traffic flow of an incident in the work zone.

8.0 CONSTRUCTION TMP STRATEGIES

Construction means and methods can be effective in reducing congestion in a work zone. A construction TMP will include innovative construction staging plans, lane requirement charts, incentive and disincentive clauses, and project coordination.

- Construction staging plans allows for a streamline project delivery that minimizes traffic impacts. The plans will specify the order of work for portions of the project to be completed in a specific sequence to minimize impacts to traffic. See Appendix A for Construction Staging and Detour Plan Sheets.
- Lane requirement charts are standard requirements in the Caltrans Standard Special Provisions that include allowable time periods for construction activities. Enforcement of these charts minimizes traffic impacts. The Lane Closure Charts will be developed during PS&E.
- Incentive clauses include a monetary bonus that awards the contractor for meeting milestones in advance of the schedule. Likewise, a disincentive is a monetary damage imposed if the milestone is not met. The incentive/disincentive amounts will be developed during PS&E.
- Project coordination requires the construction of this project to be planned with the construction of other surrounding state, county, and city roadway projects. As a result of the coordination, the projects may be advanced, postponed and/or carefully coordinated for simultaneous construction. The construction should limit adverse affects on traffic.

Construction of the Centennial Corridor

Alternative A

Alternative A construction of the Centennial Corridor begins at Calloway Drive. A lane would be added in the median of the existing Westside Parkway for westbound traffic from Calloway Drive to Coffee Road, widening to three lanes total. The lane addition transitions from the median to the outside east of Coffee Road and the transition ends at the bridge over Friant Kern Canal. The lane addition continues at the outside of Westside Parkway, up to the new interchange between Westside Parkway and Centennial

Corridor. A lane would also be added in the median of the existing Westside Parkway for eastbound traffic between Coffee Road and the new interchange with Centennial Corridor and Westside Parkway. Westside Parkway alignments would be modified for the new interchange with Centennial Corridor.

Construction of a lane addition will generally require a closure of the existing shoulder, temporary traffic barrier, temporary striping, temporary signing, and a shift of the traffic lanes using the opposite shoulder. The existing shoulder pavement would need to be analyzed to determine if it is suitable for traffic. If not, the shoulder pavement would be rehabilitated or replaced with pavement sufficient to support traffic. The shifted lanes would generally be 12 feet wide preferred, with a minimum width of 11 feet. The posted speed limit would likely be reduced 10 mph when lanes are narrower than 12 feet. Alternate routes would be identified and communicated to the public where applicable. The alternate routes available for Westside Parkway are Stockdale Highway to the south and State Route 58 to the north.

Roadways constructed on new alignment that match into existing alignment, such as many of the existing ramps that must be re-aligned, are generally constructed in stages to maintain existing traffic. Other strategies to consider are temporary alignments and off peak closures. Temporary alignments add cost, time, and complexity to a project while full closures allow for quicker, more efficient construction and reduced inconvenience to the public. If a full closure significantly impacts traffic, then temporary alignments should be considered.

The Centennial Corridor would be built on new alignment east of the new interchange with Westside Parkway. New bridges would be built to cross over the following local streets:

- Truxtun Avenue
- Lennox Avenue
- California Avenue
- Business Center Drive
- Stockdale Highway
- Montclair Street
- Stine Road
- South Real Road

Existing bridges would be widened over the following local streets:

- P Street
- Madison Street

These local streets would remain open to traffic except for short durations of time to allow girder installation. Lane restrictions may be used during off peak hours for construction of bridge elements, such as abutments adjacent to traffic. A review of traffic volumes and impacts to levels of service would be performed prior to imposing lane restrictions. Full roadway closures may be allowed depending on

the type of roadway facility (i.e. minor arterial), available detours and resulting level of service on alternate routes.

The following local streets are not bridged over and would be permanently closed to thru traffic due to the roadway fill:

- W. Brier Road
- S Vilas Green Brier Lane
- Green Haven
- Business Park South
- Frazier Avenue
- Westwood Way
- McDonald Way
- Curran Street
- Griffiths Street
- Jones Street
- S. Garnsey Avenue
- Williamson Way

Closure of these streets would modify the circulation patterns of these and adjacent routes. Pedestrian and bicycle crossings would also be limited to the proposed under-crossings. Construction on the local cross streets would include temporary sidewalk closures and signing for sidewalk detours would be included in the maintenance of traffic plans. The schedule for these closures would be communicated to the public through the public information plan.

State Route 99 would also be improved as part of the Centennial Corridor project. Starting at the new interchange with Centennial Corridor, lanes would be added along southbound State Route 99 to Ming Avenue. New ramps would be added at the Ming Avenue interchange to connect the Centennial Corridor to State Route 99. Lanes would be added on the outside of State Route 99 to provide the connection to Centennial Corridor and the existing Ramps at Ming Avenue would be modified to accommodate the lane additions. Wible Road would be shifted east to accommodate the new northbound lanes and Belle Terrace would be modified to tie in with the Wible Road construction. Alamo Street would be relocated west to accommodate the new southbound lanes.

State Route 58 would be modified with lane additions in the southbound direction and realignment of the northbound lanes. New ramps would complete the interchange with State Route 99 and the existing ramps would be modified. Modifications on State Route 58 would end near Cottonwood Road.

Adding lanes and revising alignments for State Routes 58 and 99 would impact traffic during construction. Similar to the west end, lane additions would require shifting traffic away from the work area by use of temporary barriers, temporary striping, temporary signs, and a shift of the traffic lanes onto the opposite shoulder. The interchanges would require considerable planning in order to construct

the new/re-aligned ramps while maintaining traffic, and temporary ramps may be required. A full traffic analysis of the interchange staging would be required and full closures may be considered if the impacts to level of service can be effectively mitigated. The table below highlights the order of works for the major construction elements.

Construction Stage	Order of Major Works (Alternative A)
1A	Shift Westside Pkwy traffic to the outside and construct the median widening.
1B	Shift Westside Pkwy traffic to the median and construct the outside widening.
2A	Permanently close and cul-de-sac local roads to allow for the Centennial Corridor construction.
2B	Construct the Centennial Corridor from Mohawk Ave. to west of Real Rd.
3A	Construct a detour for Real Rd. Shift traffic to the detour and lower Real Rd. Shift traffic to lowered road and remove detour.
3B	Construct the W-S connector bridge in two steps. Widen the WB Centennial Corridor/SR-58 structure over SR-99.
3C	Construct the E-S connector and Centennial Corridor bridges over Real Rd. and a portion of the E-S connector. Open Centennial Corridor to traffic.
3D	Construct a portion of the N-W connector.
4A	Shift NB and SB SR-99 traffic towards the median.
4B	Replace the Belle Terrace bridge in two segments. Realign Wible Rd.
4C	Construct the remainder of the E-S connector. Construct the SB Ming Ave. exit ramp, the loop portion of the W-S ramp and the SB SR-99 widening.
5A	Reconstruct the SR-99 NB entrance and exit ramps to Ming Ave. Construct the NB auxiliary lanes and retaining walls. Construct the new N-E connector with a temporary tie in to the existing N-E connector.
5B	Shift traffic to the new N-E alignment. Remove the existing exit ramp to Wible Rd. (including the bridge). Construct the remaining portion of the N-W alignment.
5C	Permanently close the SR-99 entrance ramp from Wible Rd. Construct the new Ming Ave. entrance ramp.
6A	Construct all soundwalls north and south of the existing SR-58, except those between Chester Ave. and Union Ave.
6B	Shift existing SR-58 traffic to the outside. Construct the inside median widening of the existing SR-58.
6C	Shift existing SR-58 traffic to the inside. Construct the outside widening of the existing SR-58, inclusive of local road improvements.
6D	Construct a detour for the S-E and N-E connector traffic just north of the existing alignment. Shift traffic to the detour and construct portions of the new S-E and N-E connectors, inclusive of the bridge over the EB SR-58 exit ramp to H St.

Construction Stage	Order of Major Works (Alternative A)
6E	Construct the remainder of the S-E and N-E connectors. Construct the SR-58 exit ramp to H St.
7	Construct the remainder of the W-S connector.
8	Construct the SB SR-99 auxiliary lanes between Rosedale Hwy. exit ramp and Gilmore Ave. Construct the improvements to the SB exit ramp to Rosedale Hwy.

Alternative B

Alternative B would require similar traffic control measures to Alternative A west of Coffee Road. The difference between Alternative A and Alternative B begins at the existing Westside Parkway, between Coffee Road and Mohawk Street. The existing ramps at Coffee Road would remain in their existing configuration. Eastbound ramps would be revised and a westbound entrance ramp would be added to connect to Mohawk Street.

Centennial Corridor would be constructed on a new alignment east of the new interchange with Westside Parkway. New bridges would be built to cross over the following local streets:

- Truxtun Avenue
- Commerce Drive
- California Avenue
- Marella Way
- La Mirada Drive
- Stockdale Highway
- Stine Road
- Real Road

Existing bridges would be widened over the following local streets:

- P Street
- Madison Street

These local streets would remain open to traffic except for short durations of time to allow girder installation. Lane restrictions may be used during off peak hours for construction of bridge elements, such as abutments adjacent to traffic. A review of traffic volumes and impacts to levels of service would be performed prior to imposing lane restrictions. Full roadway closures may be allowed depending on the type of roadway facility (i.e. minor arterial), available detours and resulting level of service on alternate routes.

The following local streets are not bridged over and would be permanently closed to thru traffic due to the roadway fill:

- Charter Oaks Avenue
- Montclair Street
- Woodlake Drive
- Kingston Avenue
- Hillsborough Drive
- Kentfield Drive
- Joseph Drive
- Dunlap Street
- Ford Avenue
- Morrison Street
- Garnsey Avenue
- Williamson Way

Closure of these streets would modify the circulation patterns of these and adjacent routes. Pedestrian and bicycle crossings would also be limited to the proposed under-crossings. Construction on the local cross streets would include temporary sidewalk closures and signing for sidewalk detours would be included in the maintenance of traffic plans. The schedule for these closures would be communicated to the public through the public information plan.

State Route 99 modifications and State Route 58 east of State Route 99 are essentially the same as in Alternative A with the same TMP approach. The table below highlights the order of works for the major construction elements.

Construction Stage	Order of Major Works (Alternative B)
1A	Shift Westside Pkwy. traffic to the outside and construct the median widening.
1B	Shift Westside Pkwy. traffic to median and construct outside widening.
2A	Permanently close and cul-de-sac local roads to allow for SR-58 construction.
2B	Construct SR-58 from Mohawk Ave. to west of Real Rd.
3A	Construct a detour for Real Rd. Shift traffic to the detour and lower Real Rd. Shift traffic to lowered road and remove detour.
3B	Construct the W-S connector bridge in two steps. Widen the WB SR-58 structure over SR-99.
3C	Construct the E-S and SR-58 bridges over Real Rd. and a portion of the E-S connector. Open SR-58 to traffic.
3D	Construct a portion of the N-W connector.
4A	Shift NB and SB SR-99 traffic towards the median.

Construction Stage	Order of Major Works (Alternative B)
4B	Replace the Belle Terrace bridge in two stages. Realign Wible Rd.
4C	Construct the remainder of the E-S connector. Construct the Ming Ave. exit ramp, the loop portion of the W-S ramp and the SB SR-99 widening.
5A	Reconstruct the SR-99 NB entrance and exit ramps to Ming Ave. Construct the NB auxiliary lanes and retaining walls. Construct the new N-E connector with a temporary tie in to the existing.
5B	Shift traffic to the new N-E alignment. Remove the existing exit ramp to Wible Rd. (including the bridge). Construct the remaining portion of the N-W alignment.
5C	Permanently close the SR-99 entrance ramp from Wible Rd. Construct the new Ming Ave. entrance ramp.
6A	Construct all soundwalls north and south of the existing SR-58, except those between Chester Ave. and Union Ave.
6B	Shift existing SR-58 traffic to the outside. Construct the inside median widening of the existing SR-58.
6C	Shift existing SR-58 traffic to the inside. Construct the outside widening of the existing SR-58, inclusive of local road improvements.
6D	Construct a detour for the S-E and N-E connector traffic just north of the existing alignment. Shift traffic to the detour and construct portions of the new S-E and N-E connectors, inclusive of the bridge over the EB SR-58 exit ramp to H St.
6E	Construct the remainder of the S-E and N-E connectors. Construct the SR-58 exit ramp to H St.
7	Construct the remainder of the W-S connector.
8	Construct the SB SR-99 auxiliary lanes between Rosedale Hwy. exit ramp and Gilmore Ave. Construct the improvements to the SB exit ramp to Rosedale Hwy.

Alternative C

Alternative C would require similar traffic control measures as Alternatives A and B west of Coffee Road. Alternative C differs from the other two alternatives as it extends the existing Westside Parkway east of Mohawk Street. The existing ramps at Coffee Road would remain in their current configuration but ramps would be modified or added at Calloway Drive, Mohawk Street and Truxtun Avenue.

Centennial Corridor continues in an easterly direction and turns to the south, paralleling State Route 99. It then bridges over State Route 99 to connect with existing State Route 58. The existing interchange between State Route 99 and State Route 58 would be modified to accommodate Centennial Corridor and State Route 99 alignments would be modified to accommodate the ramps from Centennial Corridor. Wible Road would be modified to accommodate the widening of State Route 99 at the intersection with Belle Terrace.

Centennial Corridor would be constructed on new alignment east of Mohawk Street and new bridges would be built to cross over the following four local streets:

- Truxtun Avenue
- California Avenue
- Palm Street

Existing bridges would be widened over the following two local streets:

- P Street
- Madison Street

These local streets would remain open to traffic except for short durations of time to allow girder installation. Lane restrictions may be used during off peak hours for construction of bridge elements, such as abutments adjacent to traffic. A review of traffic volumes and impacts to levels of service would be performed prior to imposing lane restrictions. Full roadway closures may be allowed depending on the type of roadway facility (i.e. minor arterial), available detours and resulting level of service on alternate routes.

The following local streets are not bridged over and would be permanently closed to thru traffic or modified due to the roadway fill:

- Commerce Drive
- Chester Lane is modified with a cul-de-sac
- Alamo Street

Closure of these streets would modify the circulation patterns of these and adjacent routes. Pedestrian and bicycle crossings would also be limited to the proposed under-crossings. Construction on the local cross streets would include temporary sidewalk closures and signing for sidewalk detours would be included in the maintenance of traffic plans. The schedule for these closures would be communicated to the public through the public information plan.

State Route 99 modifications and State Route 58 east of State Route 99 are essentially the same as in Alternative A with the same TMP approach. The table below highlights the order of works for the major construction elements.

Construction Stage	Order of Major Works (Alternative C)
1A	Shift Westside Pkwy. traffic to the outside and construct the median widening.
1B	Shift Westside Pkwy. traffic to the median and construct the outside widening.
2A	Permanently close and cul-de-sac local roads to allow for the Centennial Corridor construction.

Construction Stage	Order of Major Works (Alternative C)
2B	Construct Centennial Corridor from Mohawk Ave. to Stockdale Hwy.
3A	Construct a detour for the existing EB and WB SR-58 traffic and shift traffic to the detour. Construct the Centennial Corridor/SR-58 separation structure, the Real Road EB ramp, and the S-E connector.
3B	Permanently close the SR-99 SB exit ramp to Stockdale Hwy.
4A	Shift both NB and SB SR-99 traffic towards the median.
4B	Replace the Belle Terrace and Palm Street bridges.
4C	Construct the SR-58/SR-99 separation structure.
5A	Permanently close the SR-99 NB exit and entrance ramps to Wible Rd. Construct the N-W and W-N connectors.
5B	Construct the NB California Ave. on ramps, Truxtun Ave. NB on ramp and the NB SR-99 auxiliary lanes between California Ave. and Rosedale Hwy.
6	Construct the inside median widening of the existing SR-58 from Chester Ave. to just east of the bridge over the RR.
7A	Detour the Real Rd SB entrance ramp to Ming Ave. Construct a detour from WB Real Rd. to EB and shift traffic to the detour.
7B	Construct the W-S bridge, widen the SR-58 bridge and remove the Real Rd. E-S entrance ramp.
7C	Complete the construction of the W-S & E-S connectors.
8	Construct improvements to the SB exit ramp to Rosedale Hwy.

Summary

All three alternatives are similar west of Coffee Road. All three alternatives also impact local roads as they cross over them. Some local roads are bridged and others are closed permanently. Alternative B impacts more local roads than Alternative A and Alternative C. Alternative C impacts the least amount of local roads.

Alternative A adds an interchange between Coffee Road and Mohawk Street. Alternative B incorporates the existing interchange at Mohawk Street, following the original alignment, and then turns southeast. Alternative C incorporates the existing interchange at Mohawk Street, adds ramps to Mohawk Street, and continues east to State Route 99.

All alternatives impact the interchange with State Route 99. Alternatives A and B are more traditional interchanges, with both routes perpendicular to each other. Alternative C turns south as it approaches State Route 99 and parallels it to the existing interchange between State Route 58 and 99. Alternative C bridges over State Route 99 with a large skew angle, increasing construction difficulty, costs, and schedule.

9.0 TRAVEL DEMAND MANAGEMENT

The Travel Demand Management Plan will detail specific strategies used to reduce the typical peak hour traffic volumes. Telecommuting allows working outside the traditional office, usually from home. Rideshare incentives can be provided by mass transit providers to encourage motorists to travel in carpools, use mass transit, or vary work hours to reduce the typical peak hour traffic volumes. Park and Ride lots can be constructed or expanded with the project for use during construction and after the project is completed. The Public information plan would educate the public of these and other available strategies. The TMP manager will include a mix of these and other strategies to lessen the peak hour volume traffic volumes.

10.0 ALTERNATE ROUTE STRATEGIES

The TMP manager will review available alternate routes that can be used by the traveling public to avoid the work zone completely. The manager will examine the adequacy of the alternate route and coordinate with the agency responsible for the route. The alternate route may require temporary improvements along the route by placing restrictions on parking or the addition of another lane via restriping.

11.0 COST VALIDATION

A TMP cost estimate should be developed for the chosen alternative and should take into account the various strategies to be employed. It should not be based only on the project cost. The TMP cost estimate for the Centennial Corridor Project is anticipated to be in the range of **\$6 to \$13 million**. The cost of the TMP strategies should be weighed against the potential delay savings that the motorists might experience, as well as mobility and safety effects on all modes of travel.

Typical cost items for a TMP are listed in Table 1. The costs shown are representative of a typical project and are subject to revision based on a chosen alternative. Construction staging costs are not included in this table. The costs shown are preliminary for estimating purposes only and will be detailed further in the Final TMP. Total estimated cost is \$6,401,000.

Table 1: TMP Cost Items

Public Information (\$771,000)	Motorist Information (\$830,000)	Incident Management (\$3,300,000)	Construction Strategies (\$N/A)	Demand Management (\$500,000)	Alternate Routes (\$1,000,000)
Mailing List Database (\$1,000)	Fixed Changeable Message Signs (\$500,000)	Construction Zone Enhanced Enforcement Program (\$1,800,000)	Lane Closure Charts	Park & Ride Lots	Improvements to Stockdale Highway & Existing State Route 58
Open House - Public Meeting (\$10,000)	Portable Changeable Message Signs (\$150,000)	Freeway Service Patrol (\$1,000,000)	Incentive & Disincentive Clauses	Telecommuting	
Bulletins & Advertising (\$50,000)	Ground Mounted Signs (\$30,000)	Traffic Management Team (\$250,000)	Facility Closure	Transit and Ride Share Incentives	
News Releases (\$10,000)	Highway Advisory Radio (\$150,000)	Web Cameras (\$250,000)	Delay Clause		
Radio Ads (\$500,000)					
Print Ads (\$200,000)					
Total Cost is \$6,401,000					

Centennial Corridor Project

Preliminary Transportation Management Plan

APPENDIX A1:

CONSTRUCTION STAGING AND DETOUR PLAN SHEETS

ALTERNATIVE A

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISOR BY
 DATE REVISOR

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

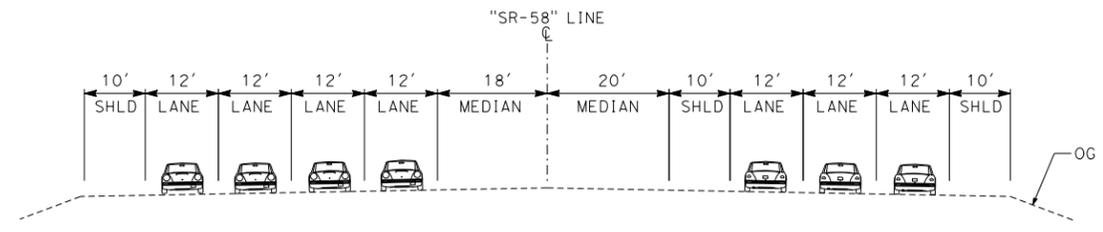
REGISTERED CIVIL ENGINEER DATE _____
 PLANS APPROVAL DATE _____
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.
 PARSONS 110 WEST A STREET, SUITE 1050 SAN DIEGO, CALIFORNIA 92101
 THOMAS ROAD IMPROVEMENT PROGRAM 900 TRUXTON AVENUE, SUITE 200 BAKERSFIELD, CALIFORNIA 93301

LEGEND

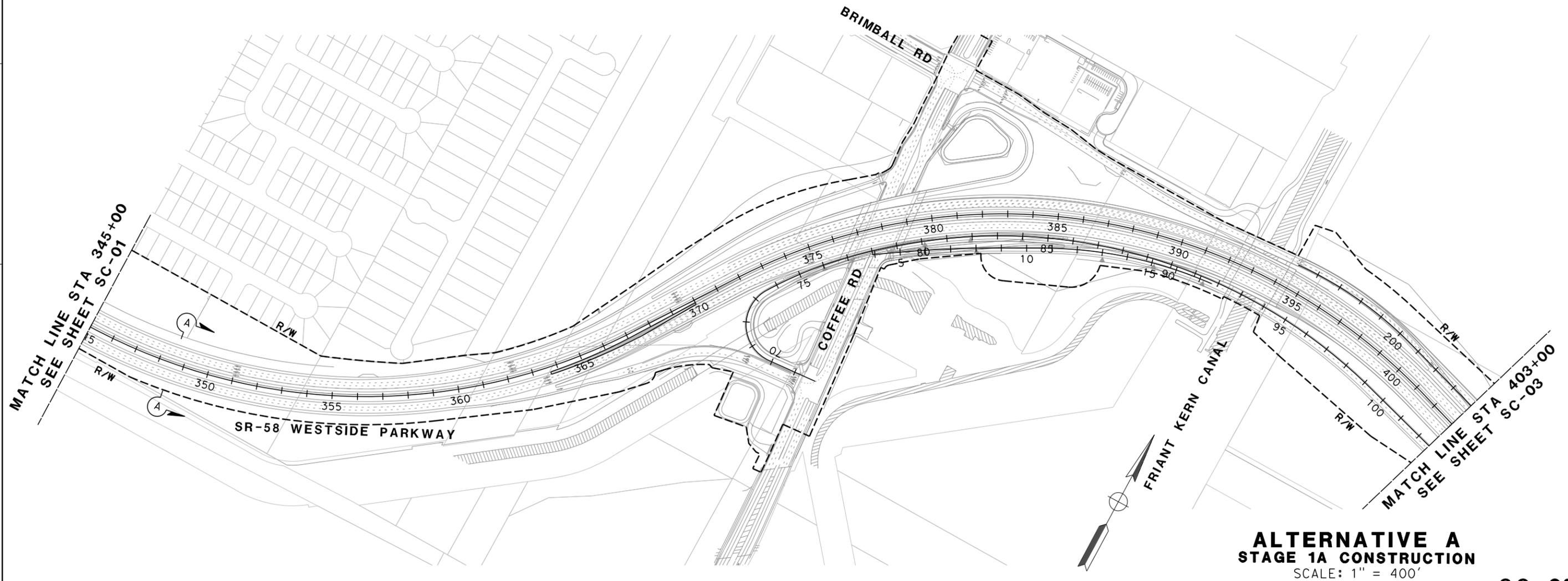
-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW



DRAFT



SECTION A-A
NOT TO SCALE



ALTERNATIVE A
STAGE 1A CONSTRUCTION
 SCALE: 1" = 400'

SC-02

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR BY
Caltrans		CHECKED BY	DATE REVISED

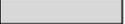
CONSTRUCTION NOTES:

STAGE 1B
 SHIFT WSP TRAFFIC ONTO THE NEW ENTRANCE AND EXIT RAMP CONNECTORS.
 REMOVE THOSE PORTIONS OF THE EXISTING WSP NO LONGER REQUIRED.
 CONSTRUCT THE WB EXIT RAMP TO COFFEE ROAD.
 WIDEN THE COFFEE ROAD BRIDGE.
 CONSTRUCT THE EB C-D ROAD FROM COFFEE ROAD AND PORTIONS OF THE EB ENTRANCE RAMP FROM NB COFFEE ROAD. LEAVE THE EB ENTRANCE RAMP CONNECTIONS TO EXISTING WSP. CONSTRUCT THE FRIANT KERN CANAL BRIDGE ENTRANCE RAMP CONNECTOR.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

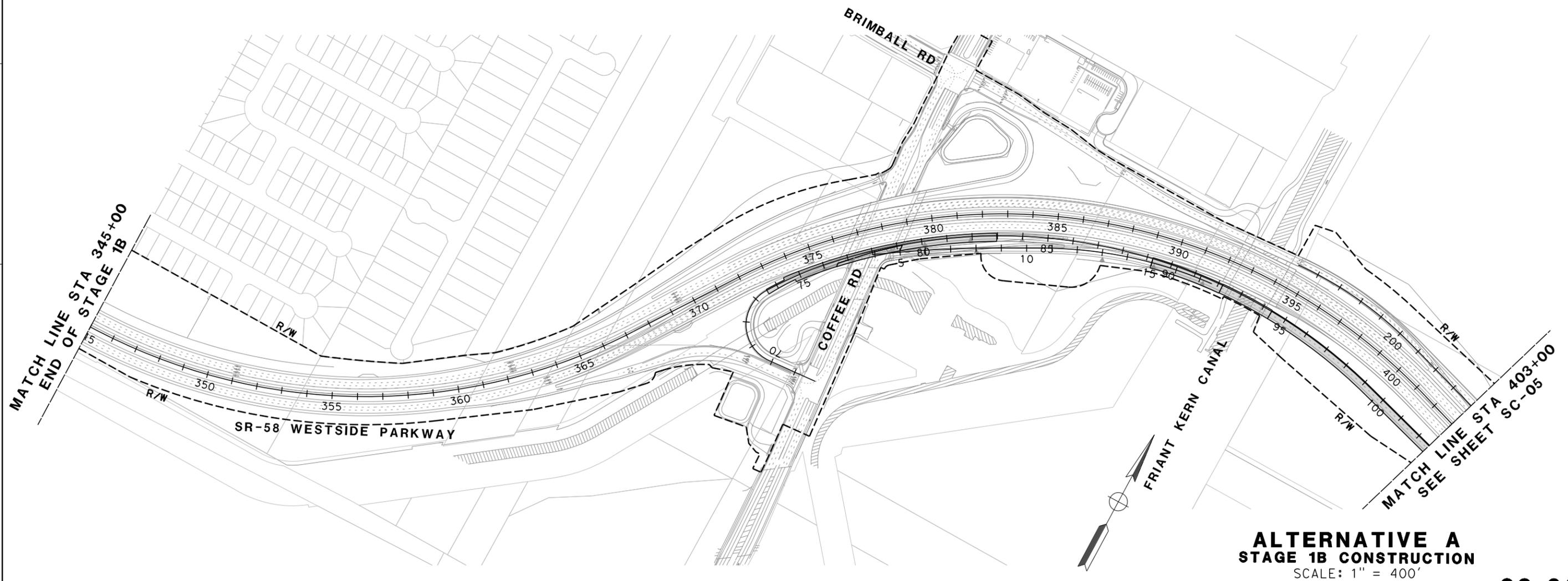
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301



DRAFT



ALTERNATIVE A
STAGE 1B CONSTRUCTION
 SCALE: 1" = 400'

SC-04

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	CHECKED BY	REVISOR	DATE
Et Caltrans					

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

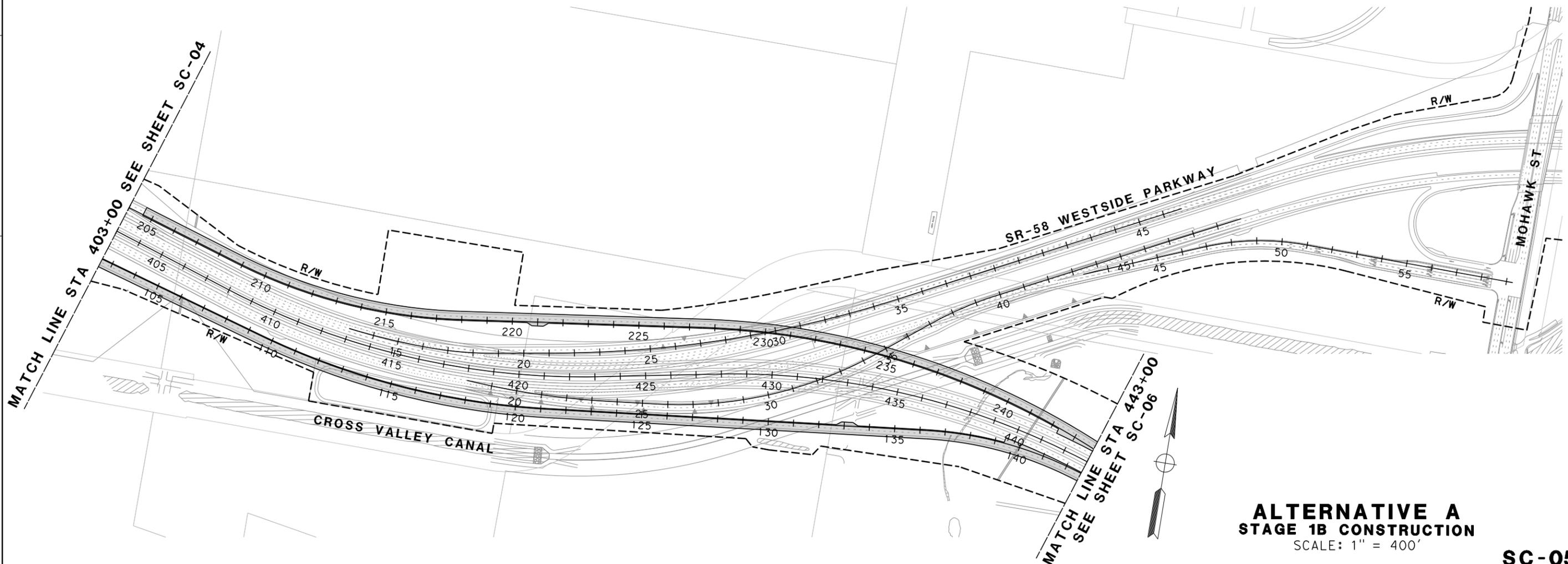
THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

LEGEND

- PROPOSED CONSTRUCTION
- DETOUR CONSTRUCTION
- REMOVAL
- TRAFFIC FLOW



DRAFT



**ALTERNATIVE A
STAGE 1B CONSTRUCTION**
SCALE: 1" = 400'

SC-05

LAST REVISION DATE PLOTTED => 3/28/2012
03-23-12 TIME PLOTTED => 10:45:24 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

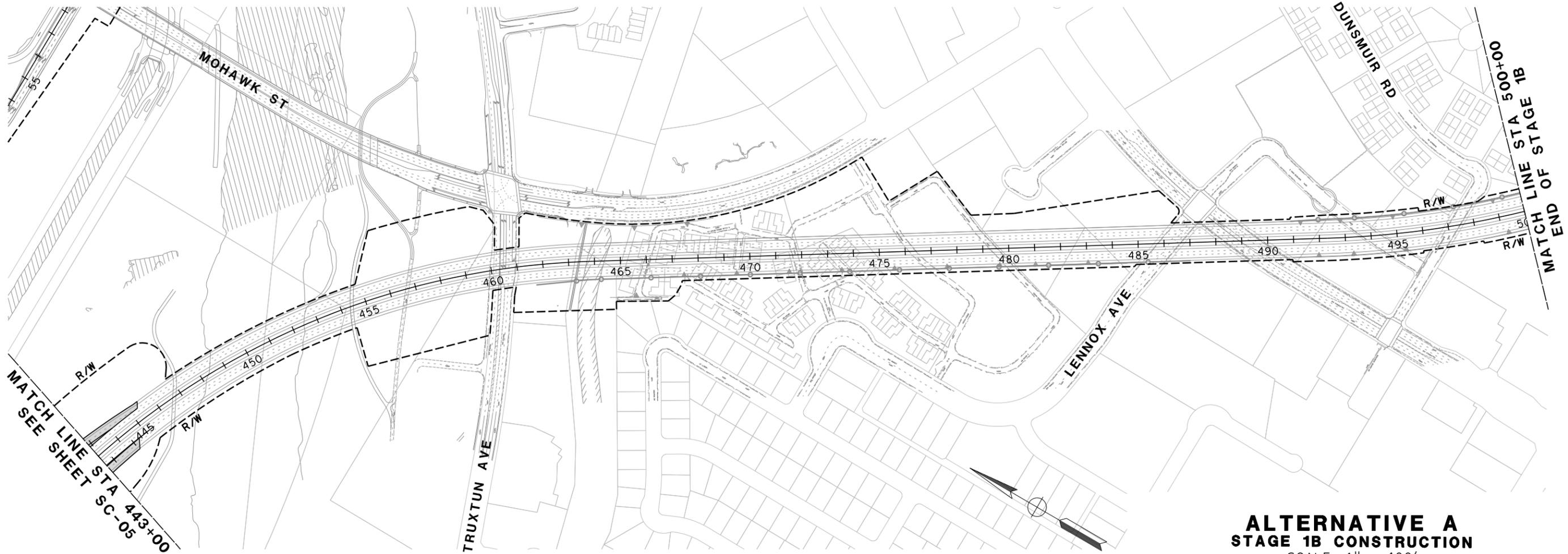
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTUN AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

DRAFT



**ALTERNATIVE A
 STAGE 1B CONSTRUCTION**
 SCALE: 1" = 400'
SC-06

LAST REVISION | DATE PLOTTED => 3/28/2012
 03-23-12 | TIME PLOTTED => 10:46:12 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Caltrans		CHECKED BY	DESIGNED BY	REVISION

CONSTRUCTION NOTES:

STAGE 2A

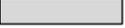
MAINTAIN FREEWAY TRAFFIC AS DETERMINED IN STAGE 1B. LOCAL TRAFFIC INTRODUCED TO PERMANENTLY CLOSED ROADS WILL BE PROVIDED ALTERNATIVE ROUTES.

PERMANENTLY CLOSE AND CUL-DE-SAC OR DEAD-END THE FOLLOWING STREETS, AS SHOWN IN THE PLANS: ACCESS ROADS NORTH AND SOUTH OF KERN RIVER, SOUTH VILLAS GREENBRIER LANE, GREEN HAVEN, WESTWOOD ST, MC DONALD WAY, CURRAN ST, GRIFFITHS ST, PECKHAM AVE, BUSINESS PARK SOUTH, FRAZIER AVE, JONES ST, ELCIA DR, SOUTH GARNSEY AVE, WILLIAMSON WAY AND STEPHENS DR.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

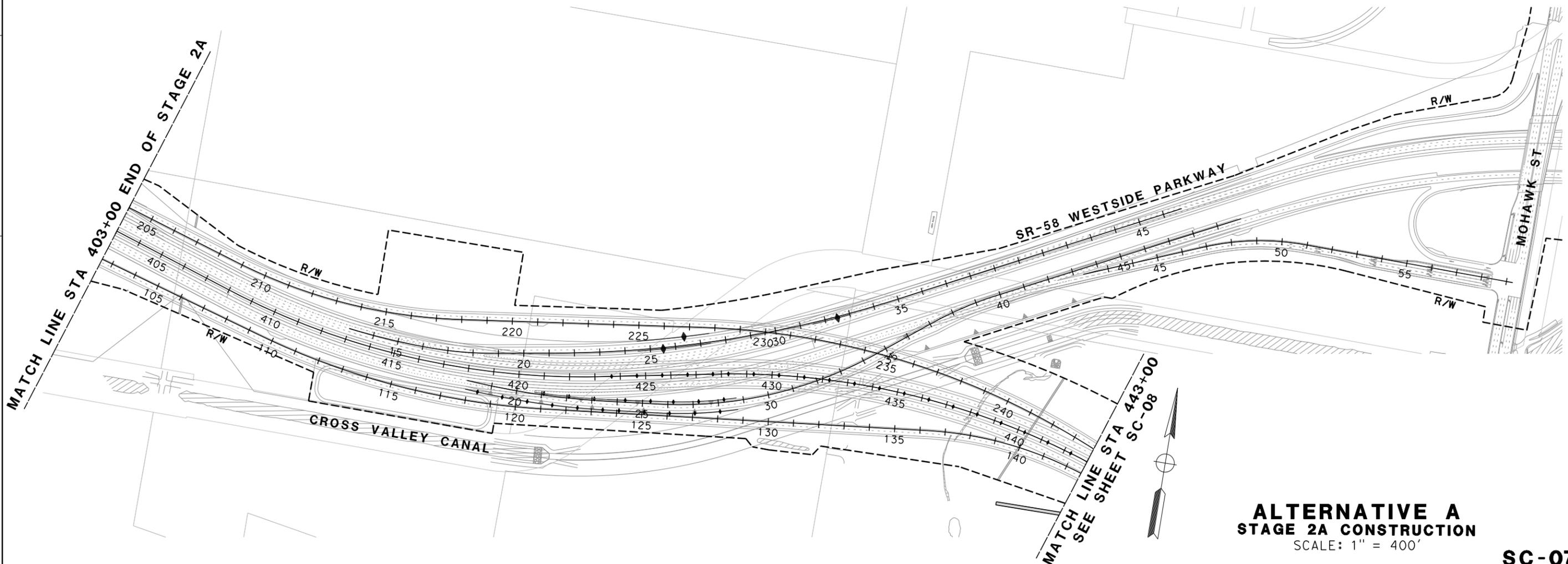
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT



**ALTERNATIVE A
STAGE 2A CONSTRUCTION**
SCALE: 1" = 400'

SC-07

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

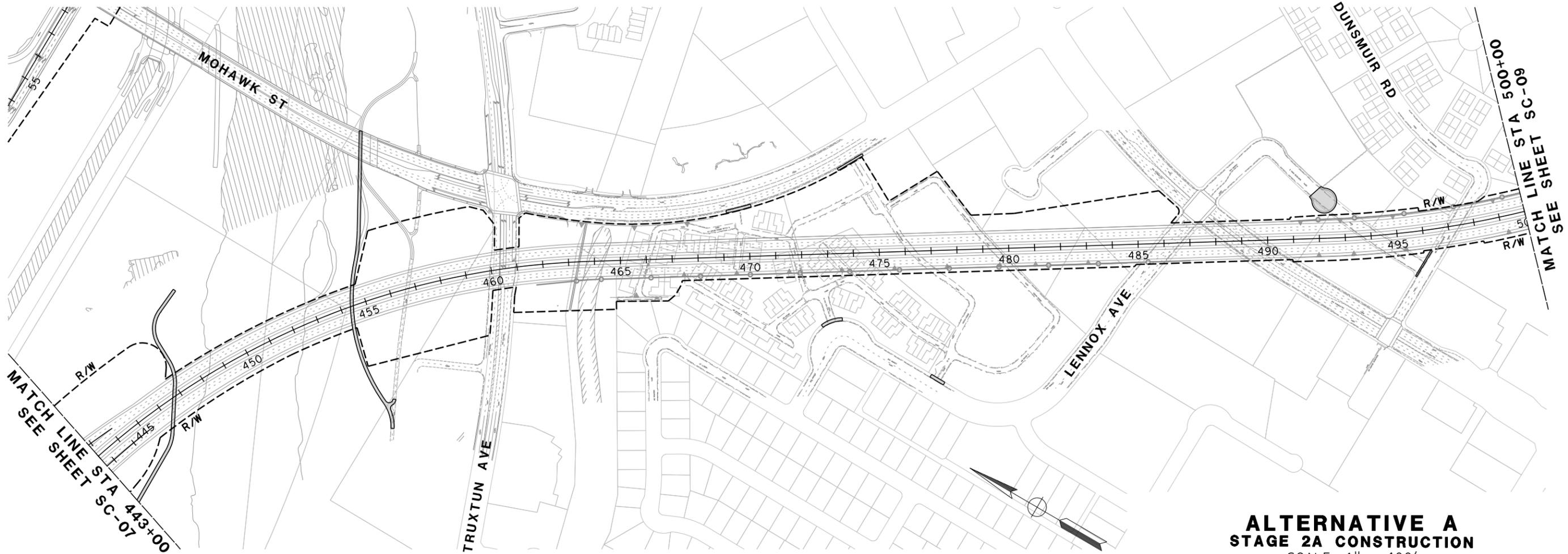
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301



DRAFT



ALTERNATIVE A
STAGE 2A CONSTRUCTION
 SCALE: 1" = 400'
SC-08

LAST REVISION DATE PLOTTED => 3/28/2012
 03-23-12 TIME PLOTTED => 10:46:20 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Caltrans		CHECKED BY	DATE	

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS 110 WEST A STREET, SUITE 1050 SAN DIEGO, CALIFORNIA 92101	THOMAS ROAD IMPROVEMENT PROGRAM 900 TRUXTUN AVENUE, SUITE 200 BAKERSFIELD, CALIFORNIA 93301
---	---

DRAFT



ALTERNATIVE A
STAGE 2A CONSTRUCTION
SCALE: 1" = 400'

SC-09

LAST REVISION DATE PLOTTED => 3/28/2012
03-23-12 TIME PLOTTED => 10:49:04 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Stantec		CHECKED BY	DATE	

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

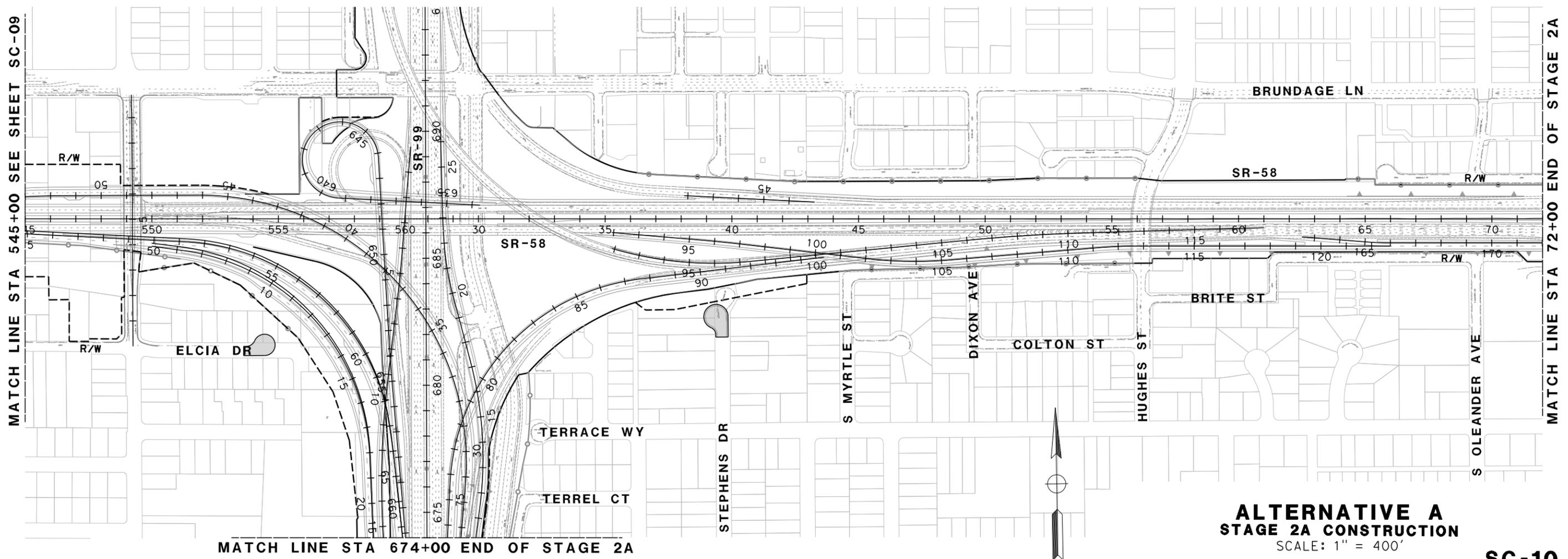
REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS 110 WEST A STREET, SUITE 1050 SAN DIEGO, CALIFORNIA 92101	THOMAS ROAD IMPROVEMENT PROGRAM 900 TRUXTUN AVENUE, SUITE 200 BAKERSFIELD, CALIFORNIA 93301
---	---

DRAFT



ALTERNATIVE A
STAGE 2A CONSTRUCTION
 SCALE: 1" = 400'
SC-10

LAST REVISION DATE PLOTTED => 3/28/2012
 03-23-12 TIME PLOTTED => 10:49:54 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Et Caltrans		CHECKED BY	DESIGNED BY	DATE

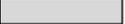
CONSTRUCTION NOTES:

STAGE 2B
 CONSTRUCT THE NEW PORTION OF SR-58 FROM THE TIE-IN TO WSP TO JUST WEST OF REAL ROAD.
 CONSTRUCT THE FOLLOWING STRUCTURES: KERN RIVER BRIDGE, TRUXTUN AVE, LENNOX & CALIFORNIA AVE, BUSINESS CENTER DR, STOCKDALE HWY, MONTCLAIR ST, AND STINE ROAD.
 MARELLA WAY AND LA MIRADA SHOULD NEVER BE CLOSED SIMULTANEOUSLY. CLOSE AND CONSTRUCT LA MIRADA. ONCE COMPLETED, OPEN LA MIRADA TO TRAFFIC AND CLOSE AND CONSTRUCT MARELLA WAY.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

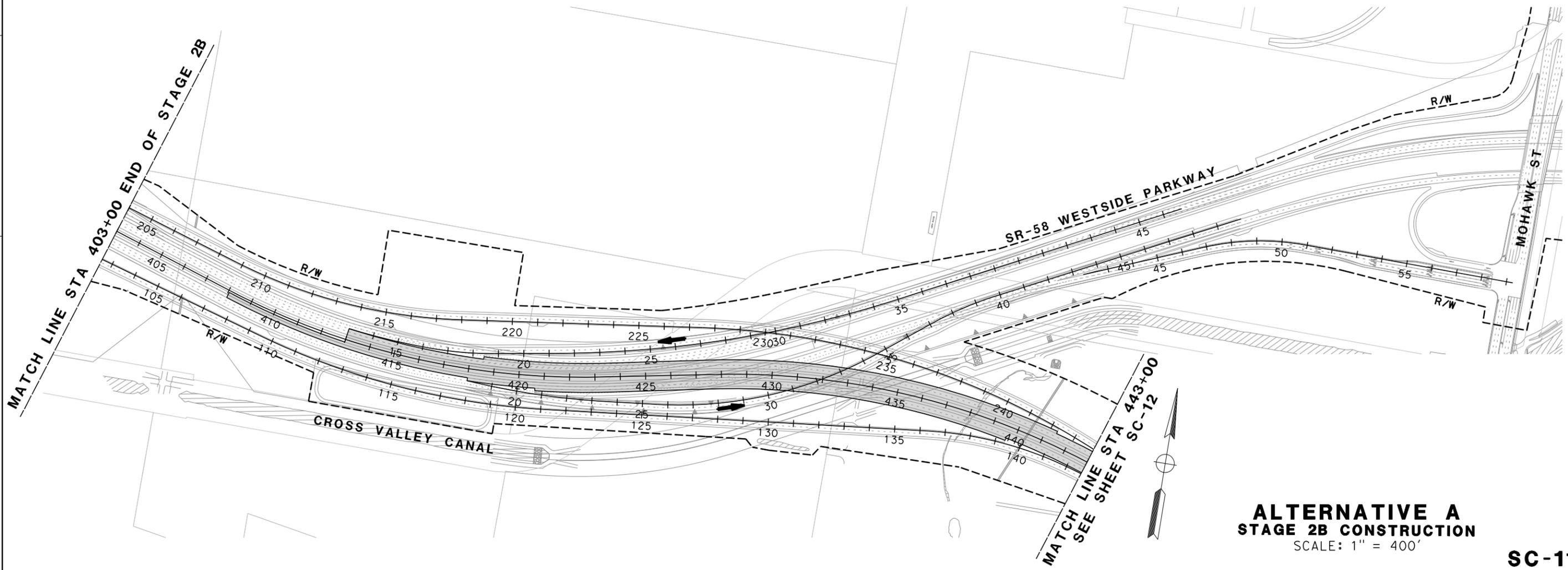
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301



DRAFT



ALTERNATIVE A
STAGE 2B CONSTRUCTION
 SCALE: 1" = 400'

SC-11

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISIED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____
 PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

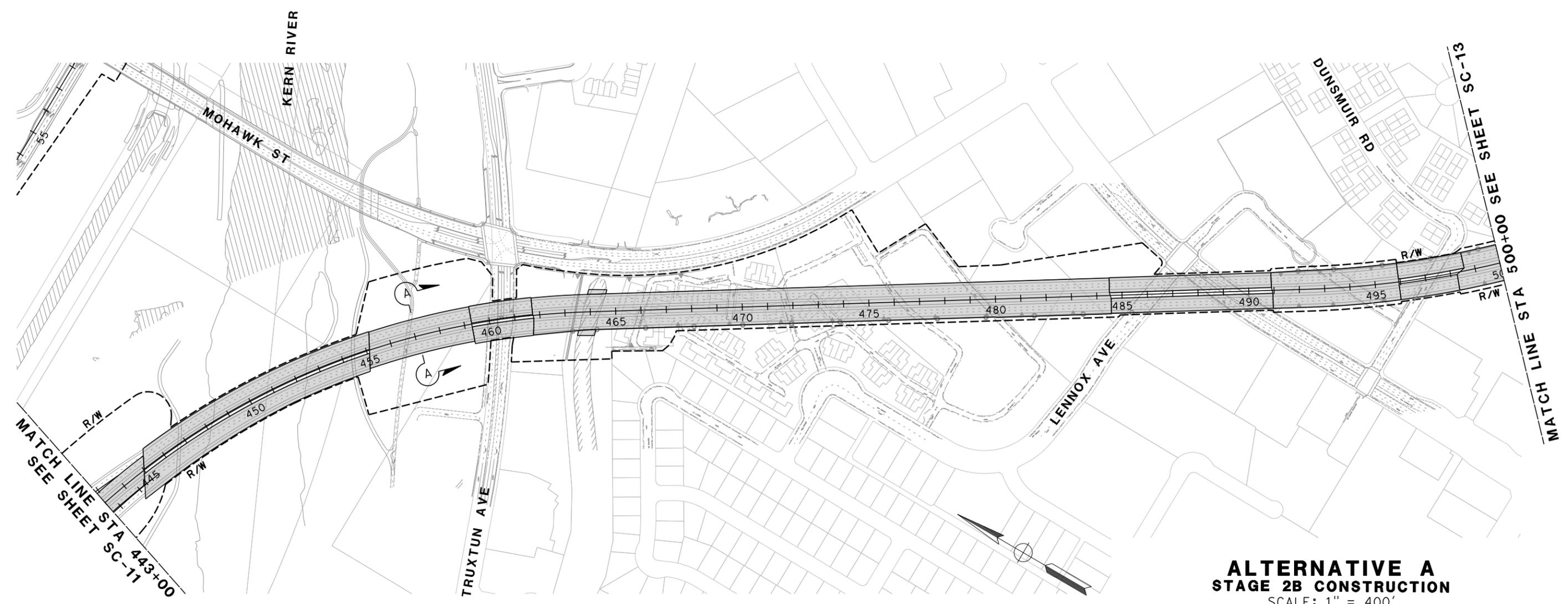
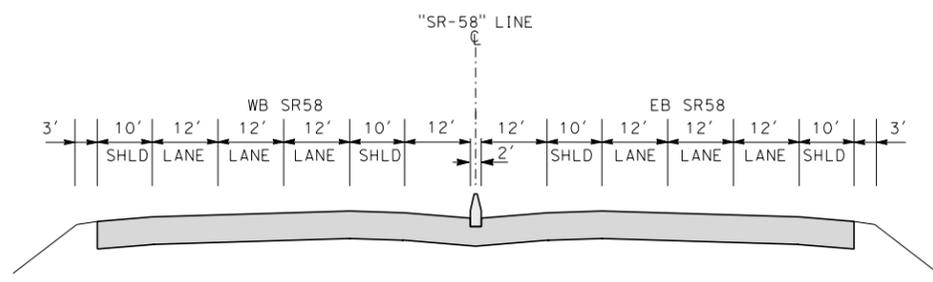
PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTUN AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301



LEGEND

- PROPOSED CONSTRUCTION
- DETOUR CONSTRUCTION
- REMOVAL
- TRAFFIC FLOW



**ALTERNATIVE A
 STAGE 2B CONSTRUCTION**
 SCALE: 1" = 400'
SC-12

LAST REVISION DATE PLOTTED => 3/28/2012
 03-23-12 TIME PLOTTED => 10:51:30 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Caltrans		CHECKED BY	DESIGNED BY	DATE

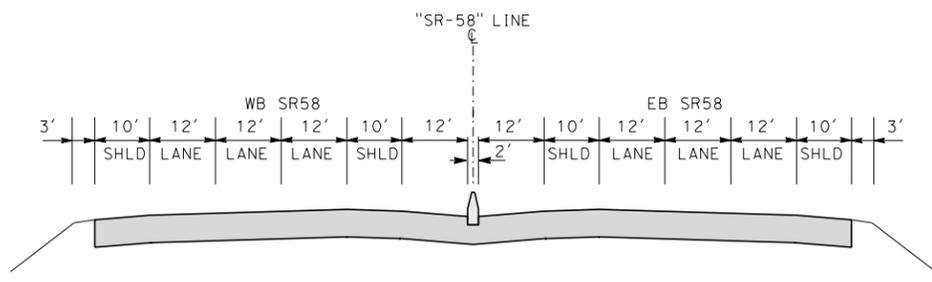
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		
REGISTERED CIVIL ENGINEER DATE					
PLANS APPROVAL DATE					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					
PARSONS 110 WEST A STREET, SUITE 1050 SAN DIEGO, CALIFORNIA 92101			THOMAS ROAD IMPROVEMENT PROGRAM 900 TRUXTUN AVENUE, SUITE 200 BAKERSFIELD, CALIFORNIA 93301		



DRAFT

LEGEND

- PROPOSED CONSTRUCTION
- DETOUR CONSTRUCTION
- REMOVAL
- TRAFFIC FLOW



**ALTERNATIVE A
STAGE 2B CONSTRUCTION**
SCALE: 1" = 400'

SC-13

LAST REVISION DATE PLOTTED => 3/28/2012 03-23-12 TIME PLOTTED => 10:52:21 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION CONSULTANT FUNCTIONAL SUPERVISOR CALCULATED/DESIGNED BY CHECKED BY REVISOR BY DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

LEGEND

- PROPOSED CONSTRUCTION
- DETOUR CONSTRUCTION
- REMOVAL
- TRAFFIC FLOW

REGISTERED CIVIL ENGINEER DATE

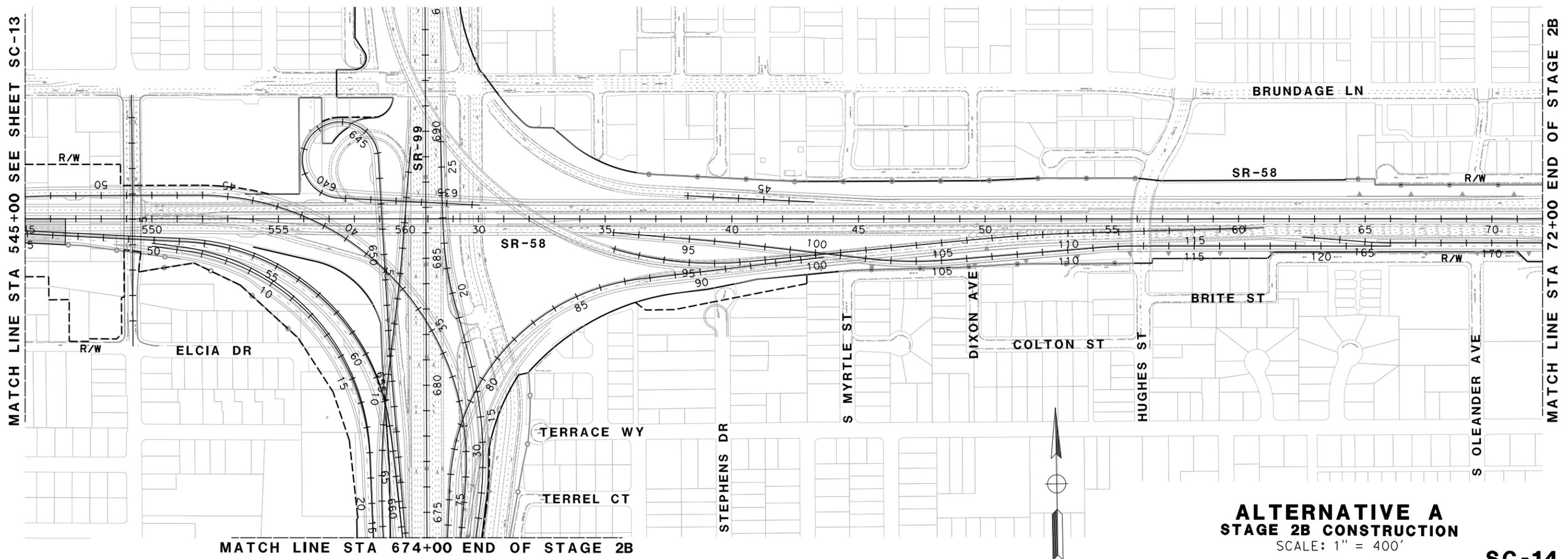
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTON AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE A
STAGE 2B CONSTRUCTION
SCALE: 1" = 400'

SC-14

LAST REVISION DATE PLOTTED => 3/28/2012
03-23-12 TIME PLOTTED => 10:55:08 AM

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTON AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT

CONSTRUCTION NOTES:

STAGE 3A

PART I
CONSTRUCT A DETOUR FOR REAL ROAD JUST WEST OF THE EXISTING ALIGNMENT FROM STOCKDALE HWY TO ELCIA DR.

PART II
SHIFT TRAFFIC TO THE DETOUR AND CONSTRUCT ALL OF THE NORTHBOUND LANES. THE SOUTHBOUND LANES SHOULD BE CONSTRUCTED UP TO A SAFE DISTANCE OF THE DETOUR.

PART III
SHIFT TRAFFIC TO THE NEWLY CONSTRUCTED NORTHBOUND LANES AND REMOVE DETOUR. COMPLETE CONSTRUCTION OF THE SOUTHBOUND LANES.

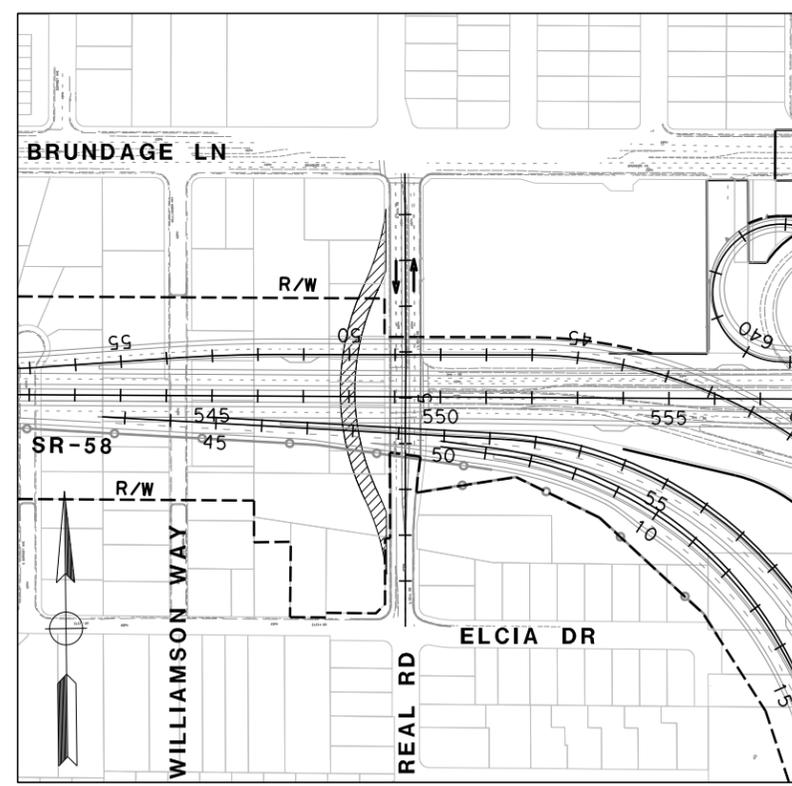
PART IV
REMOVE ALL DETOUR SIGNAGE AND LANE DELINEATION AND PREPARE BOTH DIRECTIONS TO RECEIVE PERMANENT TRAFFIC.

GENERAL NOTES:

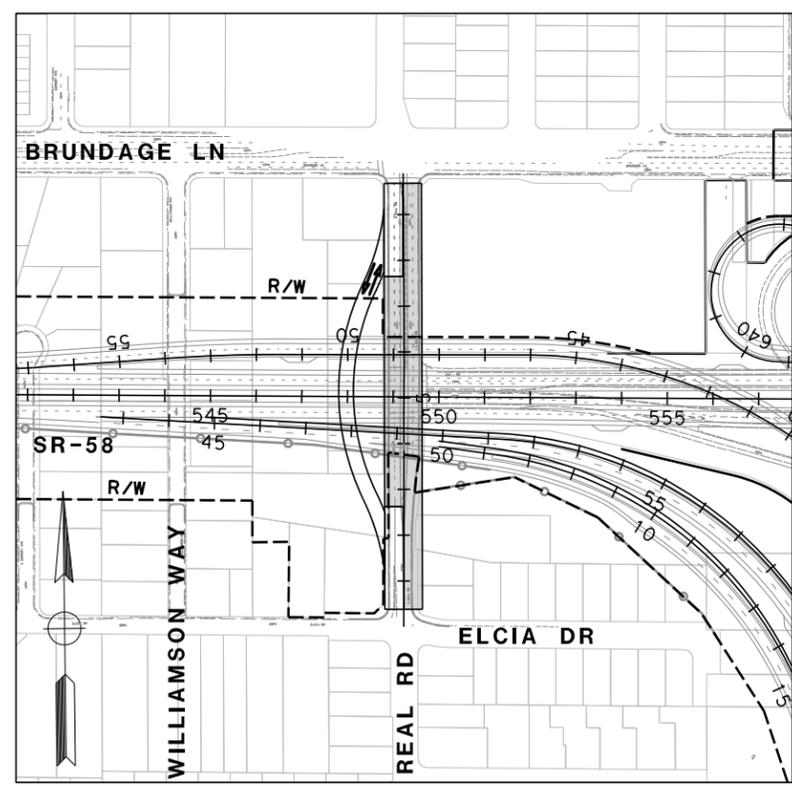
1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION

LEGEND

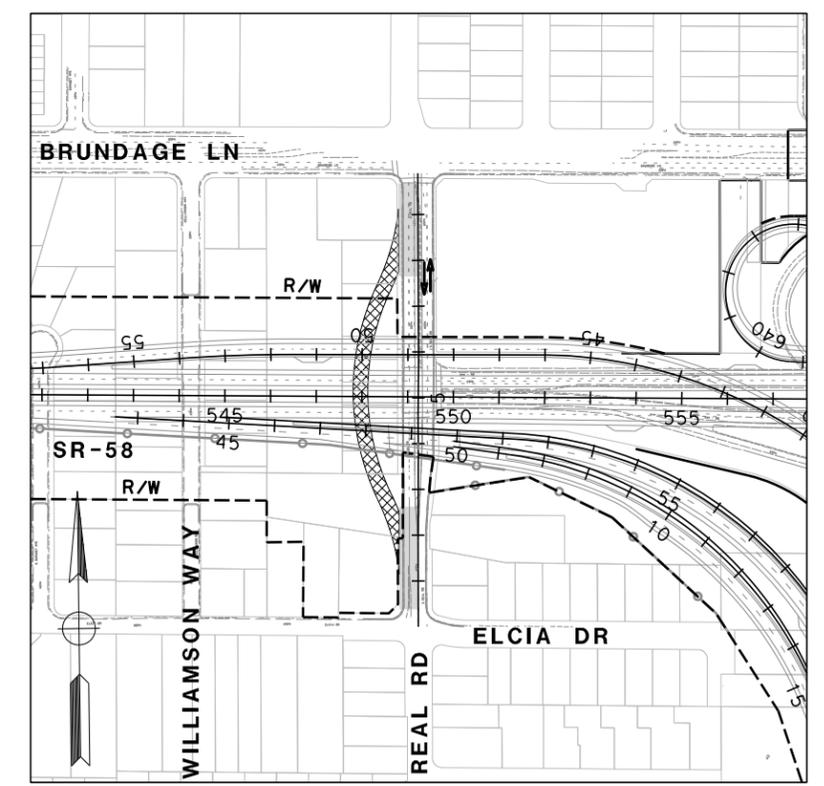
-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW



STAGE 3A PART I (REAL ROAD)



STAGE 3A PART II (REAL ROAD)



STAGE 3A PART III (REAL ROAD)

ALTERNATIVE A
STAGE 3A CONSTRUCTION
SCALE: 1" = 400'

SC-15

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans®
 REVISIONS: 03-23-12
 LAST REVISION: 03-23-12
 DATE PLOTTED: 3/28/2012
 TIME PLOTTED: 10:53:56 AM

CONSTRUCTION NOTES:

STAGE 3B

PERMANENTLY RE-ROUTE THE REAL RD EB TRAFFIC TO THE MING AVE EXIT TO ACCESS SR-99 SB. LOCAL TRAFFIC WANTING TO ACCESS EB SR-58 CAN BE REROUTED THROUGH STOCKDALE HWY/BRUNDAGE LN TO H ST.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

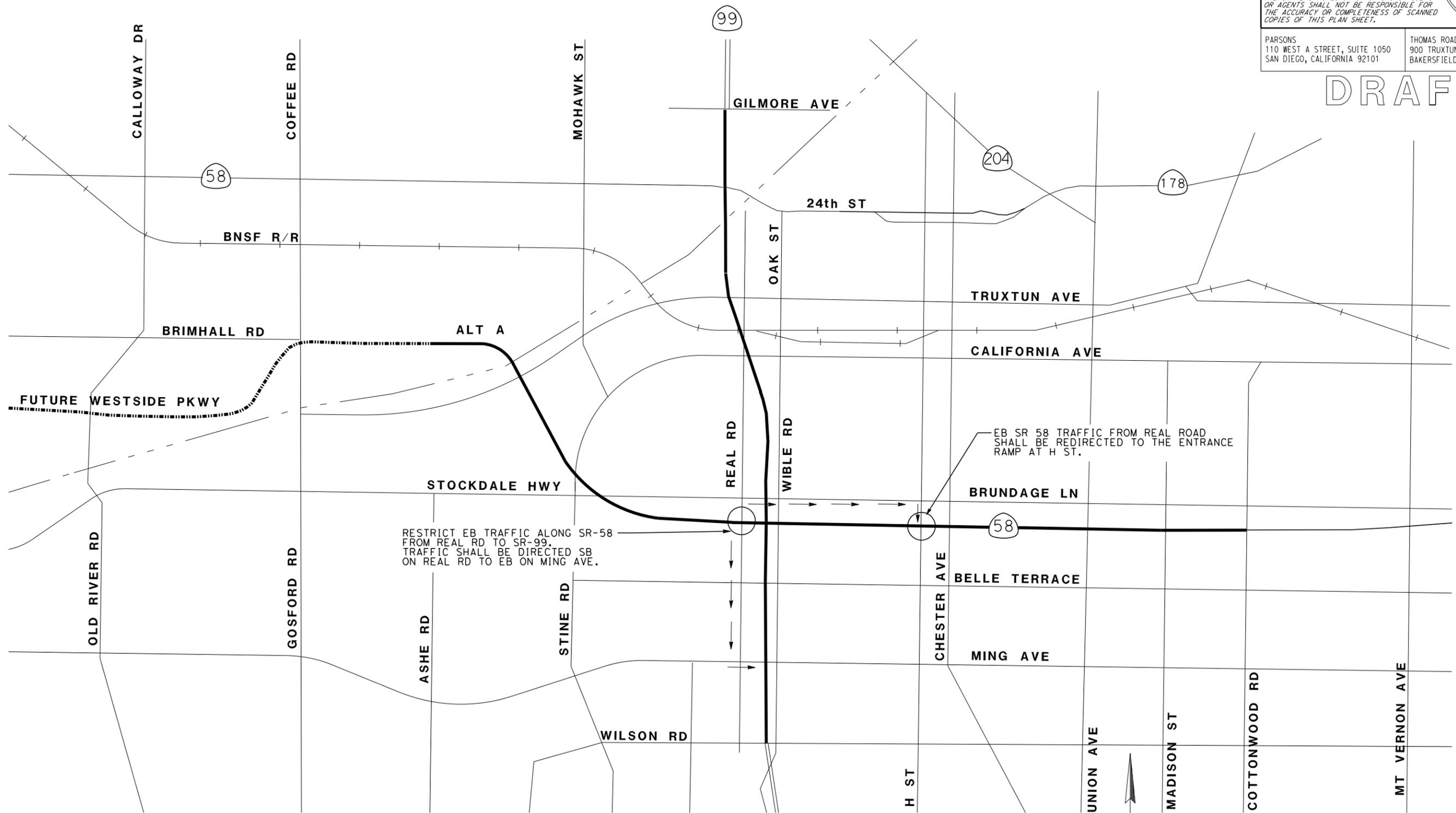
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT



RESTRICT EB TRAFFIC ALONG SR-58 FROM REAL RD TO SR-99. TRAFFIC SHALL BE DIRECTED SB ON REAL RD TO EB ON MING AVE.

EB SR 58 TRAFFIC FROM REAL ROAD SHALL BE REDIRECTED TO THE ENTRANCE RAMP AT H ST.



**ALTERNATIVE A
STAGE 3B DETOUR PLAN**

SC-16

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	CHECKED BY	REVISOR	DATE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER	DATE
PLANS APPROVAL DATE	

PARSONS 110 WEST A STREET, SUITE 1050 SAN DIEGO, CALIFORNIA 92101	THOMAS ROAD IMPROVEMENT PROGRAM 900 TRUXTUN AVENUE, SUITE 200 BAKERSFIELD, CALIFORNIA 93301
---	---



DRAFT

CONSTRUCTION NOTES:

STAGE 3C

CONSTRUCT THE E-S CONNECTOR AND SR-58 GRADE SEPARATIONS OVER S. REAL ROAD. COMPLETE SR-58 CONSTRUCTION UP TO THE GRADE SEPARATION AT SR-99. CONSTRUCT THE E-S CONNECTOR UP TO THE GORE OF THE W-S CONNECTOR. CONSTRUCT THE W-S CONNECTOR FROM THE GORE OF THE E-S CONNECTOR TO THE GORE OF SB SR-99.

OPEN TRAFFIC TO THE NEWLY CONSTRUCTED SR-58.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION

LEGEND

- PROPOSED CONSTRUCTION
- DETOUR CONSTRUCTION
- REMOVAL
- TRAFFIC FLOW

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
Et Caltrans	CHECKED BY	DATE	DATE



ALTERNATIVE A
STAGE 3C CONSTRUCTION
SCALE: 1" = 400'

SC-18

LAST REVISION DATE PLOTTED => 3/28/2012 03-23-12 TIME PLOTTED => 10:55:54 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Caltrans		CHECKED BY	DESIGNED BY	REVISION

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

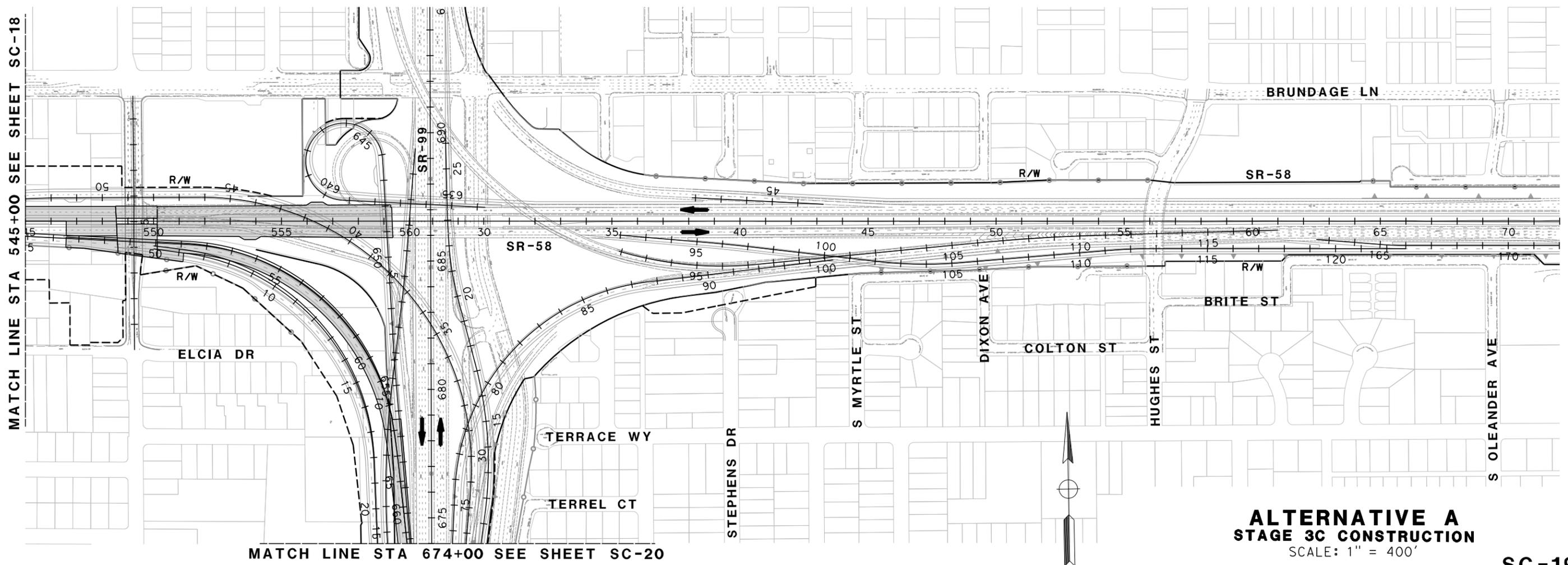
PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTON AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE A
STAGE 3C CONSTRUCTION
SCALE: 1" = 400'

SC-19

LAST REVISION DATE PLOTTED => 3/28/2012 03-23-12 TIME PLOTTED => 10:56:41 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Stantec		CHECKED BY	DATE	REVISOR

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

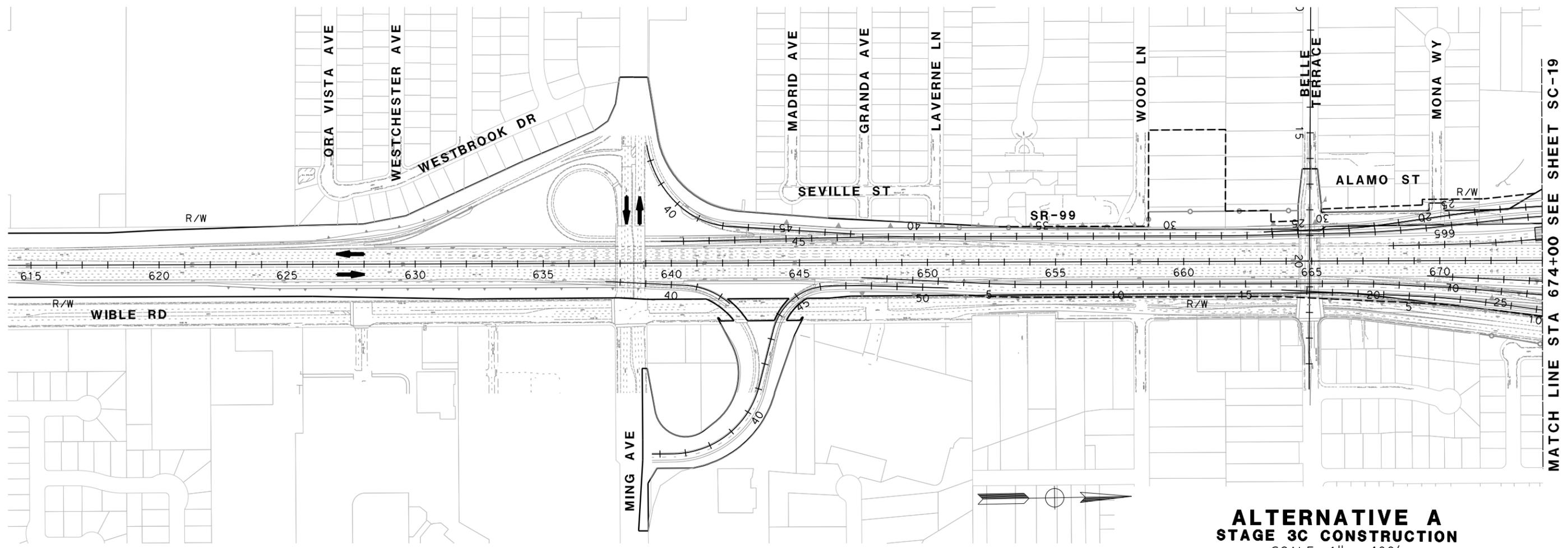
PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

LEGEND

- PROPOSED CONSTRUCTION
- DETOUR CONSTRUCTION
- REMOVAL
- TRAFFIC FLOW

DRAFT



ALTERNATIVE A
STAGE 3C CONSTRUCTION
 SCALE: 1" = 400'
SC-20

LAST REVISION DATE PLOTTED => 3/28/2012
 03-23-12 TIME PLOTTED => 10:51:27 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Caltrans		CHECKED BY	DESIGNED BY	DATE

CONSTRUCTION NOTES:

STAGE 3D

CONSTRUCT A PORTION OF THE N-W CONNECTOR FROM THE GORE OF WB SR-58 TO JUST EAST OF THE NB SR-99 OUTSIDE SHOULDER. THE CONSTRUCTION SHALL INCLUDE THE GRADE SEPARATION OVER SR-99 AND SR-58. CONSTRUCT THE REMAINING PORTION OF THE COFFEE ROAD EB ENTRANCE AND WB EXIT RAMP TO THE C-D ROAD UNDER WEEKEND CLOSURE.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE A
STAGE 3D CONSTRUCTION
SCALE: 1" = 400'

SC-21

LAST REVISION DATE PLOTTED => 3/28/2012 03-23-12 TIME PLOTTED => 10:58:15 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Caltrans		CHECKED BY	DESIGNED BY	REVISION

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

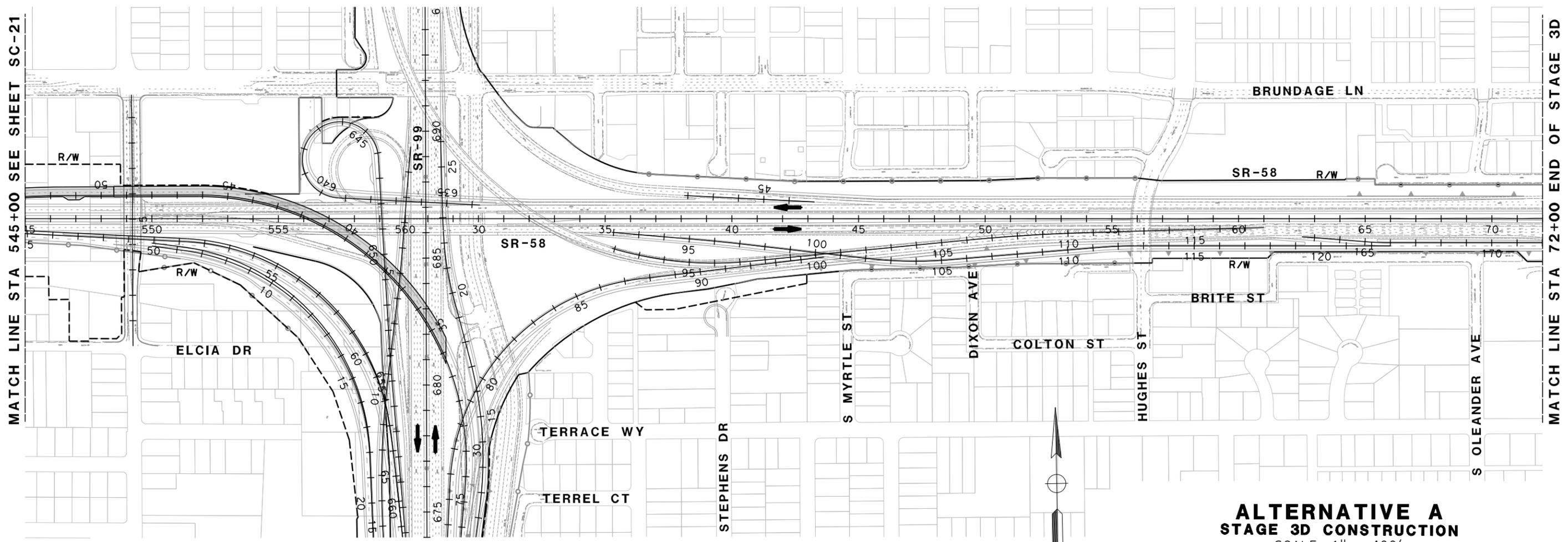
PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTON AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE A
STAGE 3D CONSTRUCTION
SCALE: 1" = 400'

SC-22

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER	DATE
PLANS APPROVAL DATE	
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>	
PARSONS 110 WEST A STREET, SUITE 1050 SAN DIEGO, CALIFORNIA 92101	THOMAS ROAD IMPROVEMENT PROGRAM 900 TRUXTON AVENUE, SUITE 200 BAKERSFIELD, CALIFORNIA 93301



DRAFT

CONSTRUCTION NOTES:

STAGE 4A
 SHIFT BOTH DIRECTIONS OF SR-99 TRAFFIC TOWARD THE MEDIAN FROM JUST NORTH OF WILSON AVE TO JUST NORTH OF BRUNDAGE LANE.

STAGE 4B
 ADVANCE WARNING NOTIFICATION AND SIGNAGE SHOULD BE ESTABLISHED FOR THE CONSTRUCTION OF THE BELLE TERRACE AVE GRADE SEPARATION OVER SR-99. DURING THE CONSTRUCTION OF THE BELLE TERRACE AVE SEPARATION AN ALTERNATIVE DETOUR CAN BE PROVIDED VIA WIBLE RD. (EAST) AND REAL RD. (WEST) TO BRUNDAGE LN/STOCKDALE HWY.

SHIFT THE WB TRAFFIC TO THE SOUTHERN HALF OF THE BRIDGE. SECURE TEMPORARY BARRIERS ALONG THE RELOCATED WB TRAFFIC. PROTECT SR-99 FOR THE REMOVAL OF THE EXISTING STRUCTURE.

CONSTRUCT THE NORTH HALF OF THE BRIDGE. SHIFT THE TEMPORARY BARRIERS TO ALLOW FOR CONSTRUCTION OF THE SOUTHERN BRIDGE HALF. SHIFT THE TRAFFIC AND CONSTRUCT THE SOUTHERN HALF OF THE BRIDGE. REMOVE THE DETOUR AND REASSIGN TRAFFIC AS PROPOSED.

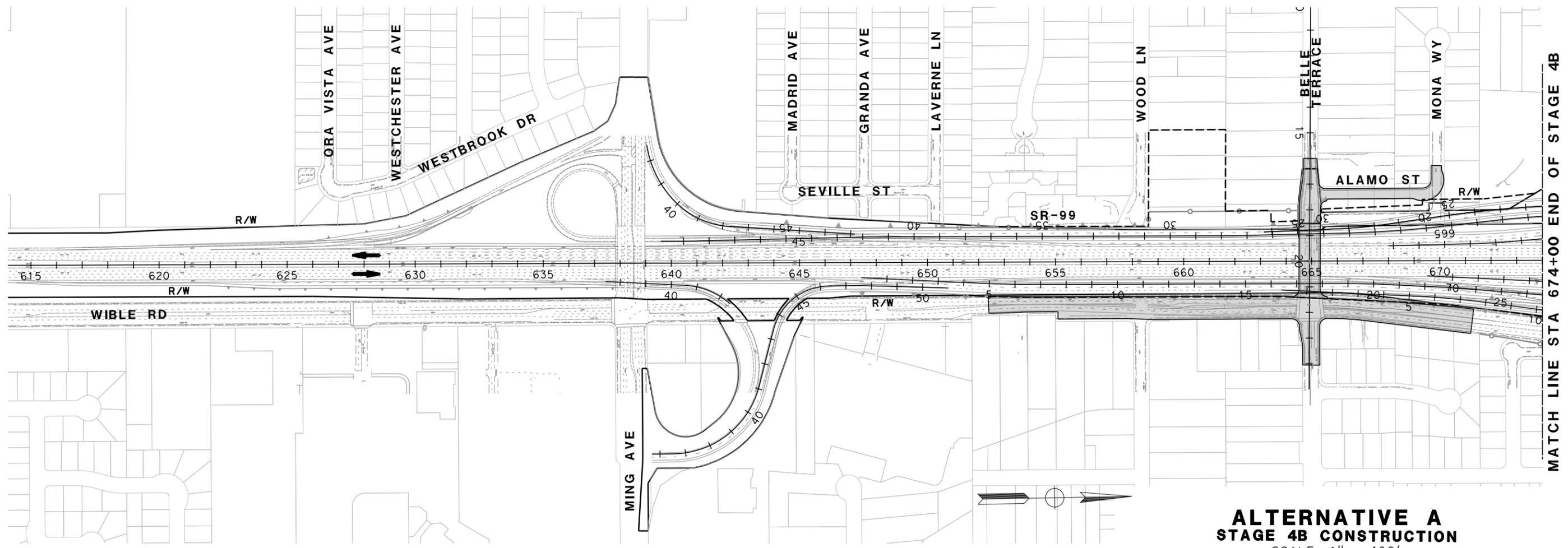
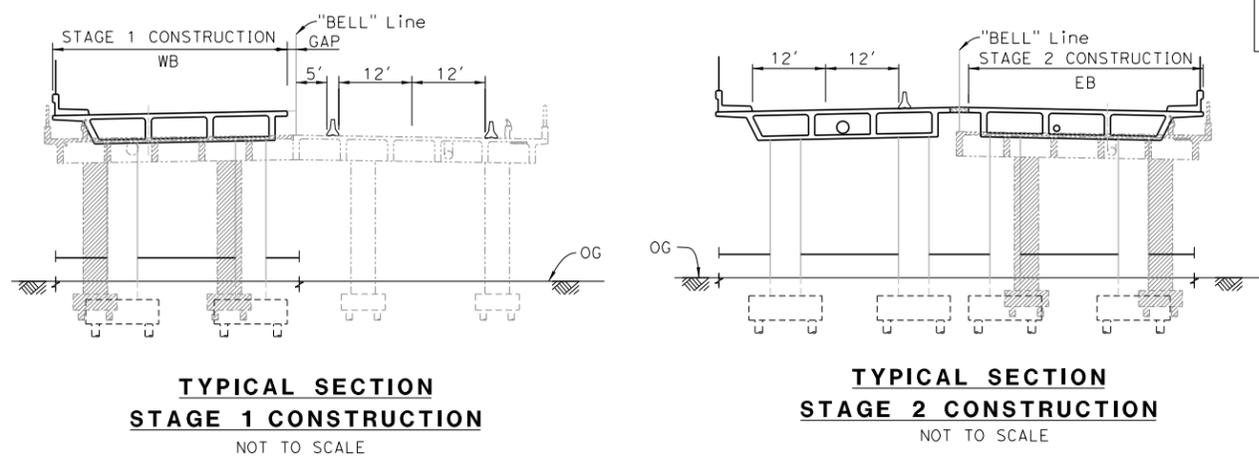
RELOCATE ALAMO ST. AT MONA WAY AND MAINTAIN LOCAL ACCESS.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

- PROPOSED CONSTRUCTION
- DETOUR CONSTRUCTION
- REMOVAL
- TRAFFIC FLOW



ALTERNATIVE A
STAGE 4B CONSTRUCTION
 SCALE: 1" = 400'

SC-23

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	CHECKED BY
Et Caltrans			

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTON AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT

CONSTRUCTION NOTES:

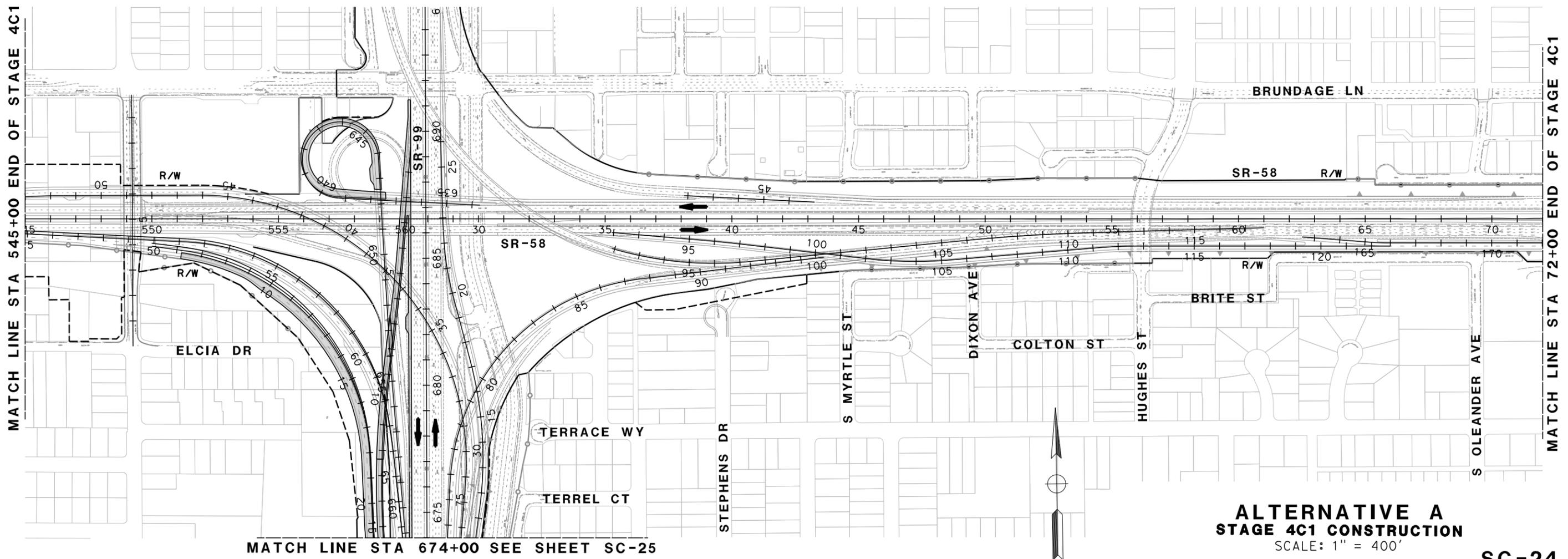
STAGE 4C
PART I
CONSTRUCT THE MING AVE CONNECTOR EXIT RAMP, THE SB MING AVE C-D ROAD, THE LOOP PORTION OF THE W-S CONNECTOR AND THE SR-99 SB AUXILIARY LANE AND WIDENING.
CONSTRUCT AN ENTRANCE RAMP DETOUR TO THE EAST OF THE EXISTING MING AVE SB ENTRANCE RAMP AND SHIFT TRAFFIC ONTO THE DETOUR. CONSTRUCT THE PROPOSED SB ENTRANCE RAMP. RELOCATE TRAFFIC TO THE PROPOSED RAMP AND REMOVE THE DETOUR.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

- PROPOSED CONSTRUCTION
- DETOUR CONSTRUCTION
- REMOVAL
- TRAFFIC FLOW



ALTERNATIVE A
STAGE 4C1 CONSTRUCTION
SCALE: 1" = 400'
SC-24

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Caltrans		CHECKED BY	DATE	

LAST REVISION DATE PLOTTED => 3/28/2012
03-23-12 TIME PLOTTED => 11:00:40 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Stantec		CHECKED BY	DATE	REVISION

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

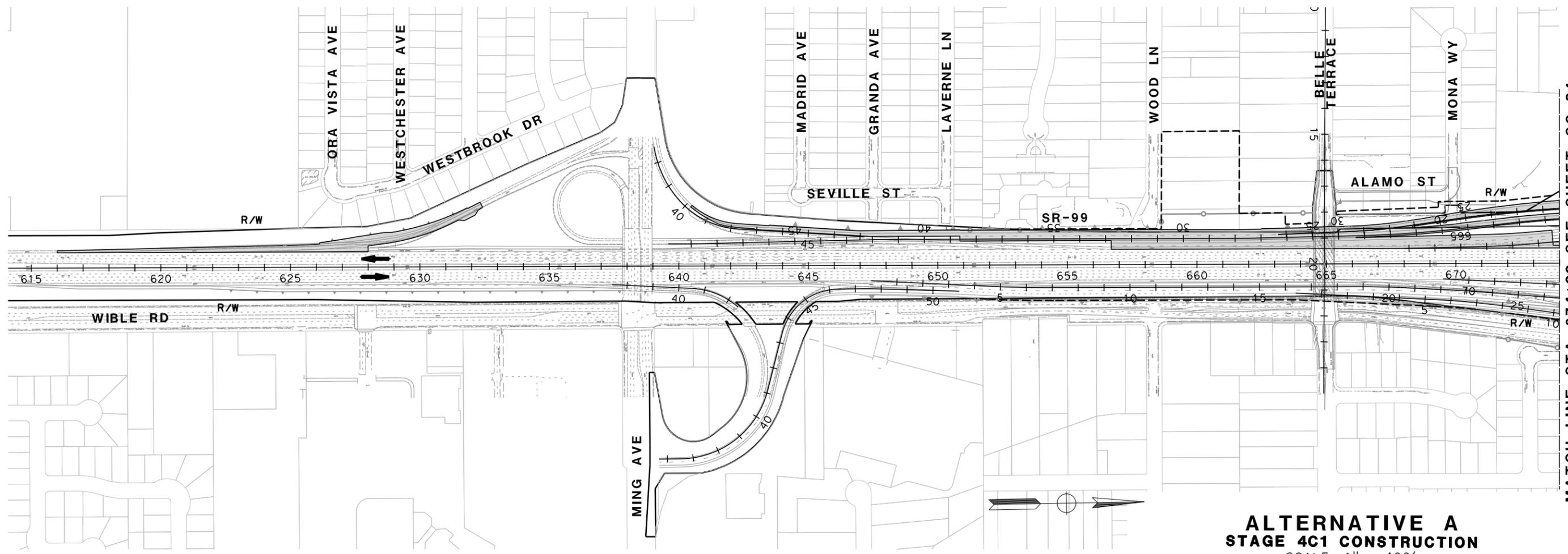
PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

LEGEND

- PROPOSED CONSTRUCTION
- DETOUR CONSTRUCTION
- REMOVAL
- TRAFFIC FLOW

DRAFT



MATCH LINE STA 674+00 SEE SHEET SC-24

ALTERNATIVE A
STAGE 4C1 CONSTRUCTION
SCALE: 1" = 400'

SC-25

LAST REVISION DATE PLOTTED => 3/28/2012
03-23-12 TIME PLOTTED => 11:01:30 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Caltrans		CHECKED BY		

CONSTRUCTION NOTES:

STAGE 4C

PART II

CLOSE THE EXISTING MING AVE SB EXIT RAMP AND DETOUR TRAFFIC TO THE SB MING AVE C-D ROAD. CONSTRUCT THE REMAINDER OF THE SB MING AVE C-D ROAD. CONSTRUCT THE REMAINDER OF THE SB SR-99 AUXILIARY LANES AND WIDENING.

COMPLETE CONSTRUCTION OF THE SB MING RD EXIT UNDER NIGHT TIME OPERATIONS.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

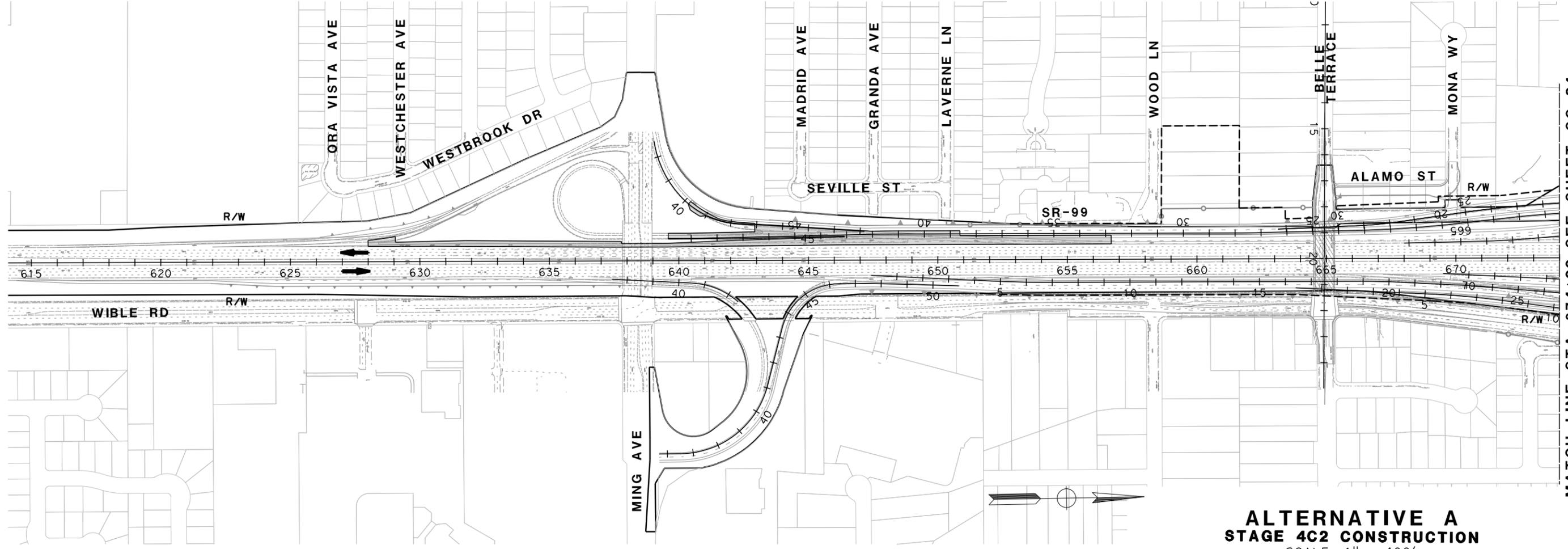
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT



MATCH LINE STA 674+00 SEE SHEET SC-24

**ALTERNATIVE A
STAGE 4C2 CONSTRUCTION**
SCALE: 1" = 400'

SC-26

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Stantec		CHECKED BY	DESIGNED BY	DATE

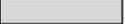
CONSTRUCTION NOTES:

STAGE 5A
 PART I
 PERMANENTLY CLOSE THE SR-99 NB EXIT RAMP TO WIBLE ROAD. PLACE ADVANCE NOTICE OF THE CLOSURE AT THE MING AVE EXIT.
 CONSTRUCT THE NB SR-99 AUXILIARY LANES AND RETAINING WALLS, CONSTRUCT THE N-E CONNECTOR AND A TEMPORARY TIE IN TO THE EXISTING ALIGNMENT PRIOR TO THE MERGE OF THE S-E CONNECTOR. CONSTRUCT THE NB MING AVE. C-D ROAD UP TO THE PROPOSED BRIDGE.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

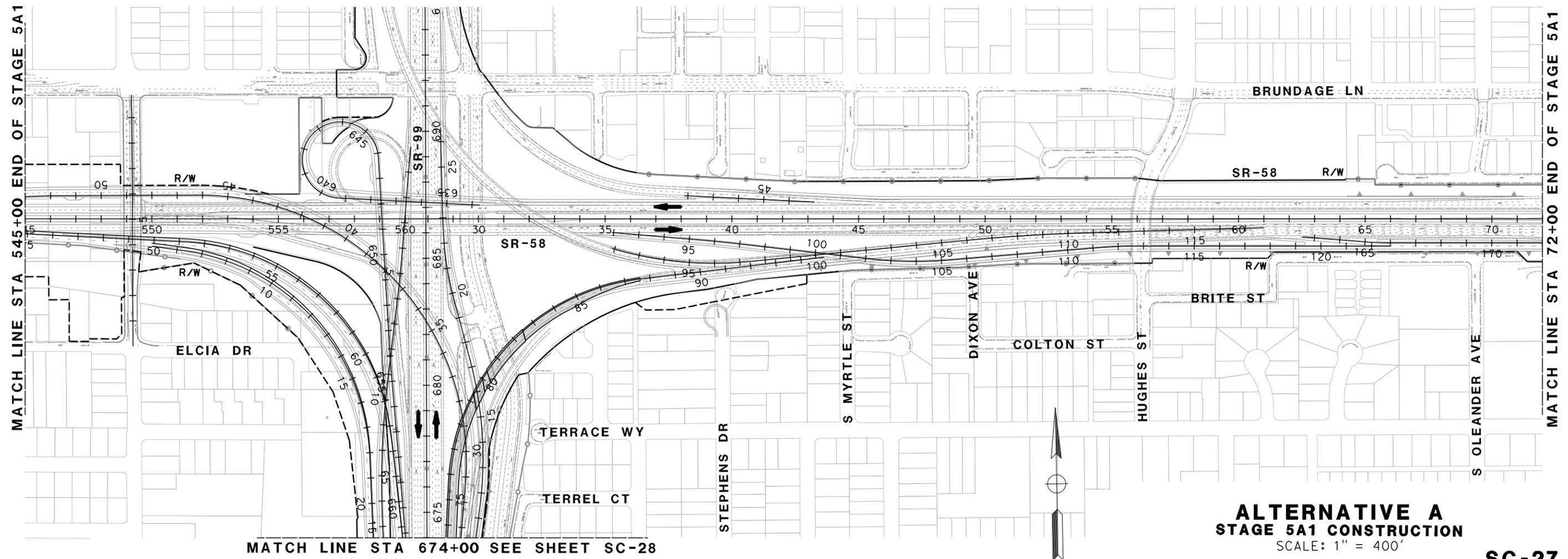
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTON AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE A
STAGE 5A1 CONSTRUCTION
 SCALE: 1" = 400'

SC-27

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

REGISTERED CIVIL ENGINEER DATE _____

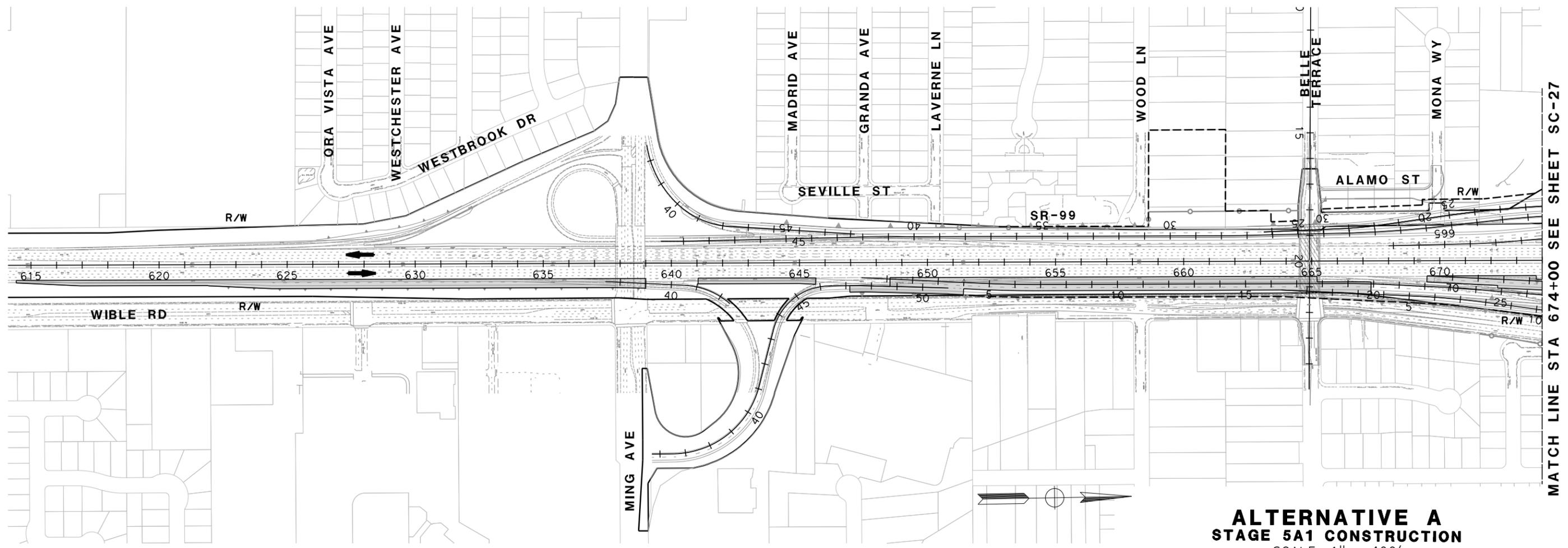
PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT



MATCH LINE STA 674+00 SEE SHEET SC-27

ALTERNATIVE A
STAGE 5A1 CONSTRUCTION
 SCALE: 1" = 400'

SC-28

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

CONSTRUCTION NOTES:

STAGE 5A2

CONSTRUCT THE NB SR-99 ENTRANCE AND EXIT TO MING AVE UNDER NIGHT TIME OR WEEKEND CLOSURES. THE MING AVE EXIT RAMP TRAFFIC CAN BE REROUTED TO THE N-E CONNECTOR NORTH OF MING AVE. THE MING AVE ENTRANCE RAMP TRAFFIC CAN BE DETOURED THROUGH WIBLE RD TO THE WIBLE RD ENTRANCE RAMP.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTUN AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

DRAFT



**ALTERNATIVE A
 STAGE 5A2 DETOUR PLAN**

SC-29

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Caltrans		CHECKED BY	DESIGNED BY	DATE

CONSTRUCTION NOTES:

STAGE 5A

PART II
 CONSTRUCT THE NB SR-99 ENTRANCE AND EXIT TO MING AVE UNDER NIGHT TIME OR WEEKEND CLOSURES.
 THE MING AVE EXIT RAMP TRAFFIC CAN BE REROUTED TO THE N-E CONNECTOR NORTH OF MING AVE.
 THE MING AVE ENTRANCE RAMP TRAFFIC CAN BE DETOURED THROUGH WIBLE RD TO THE WIBLE RD ENTRANCE RAMP.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

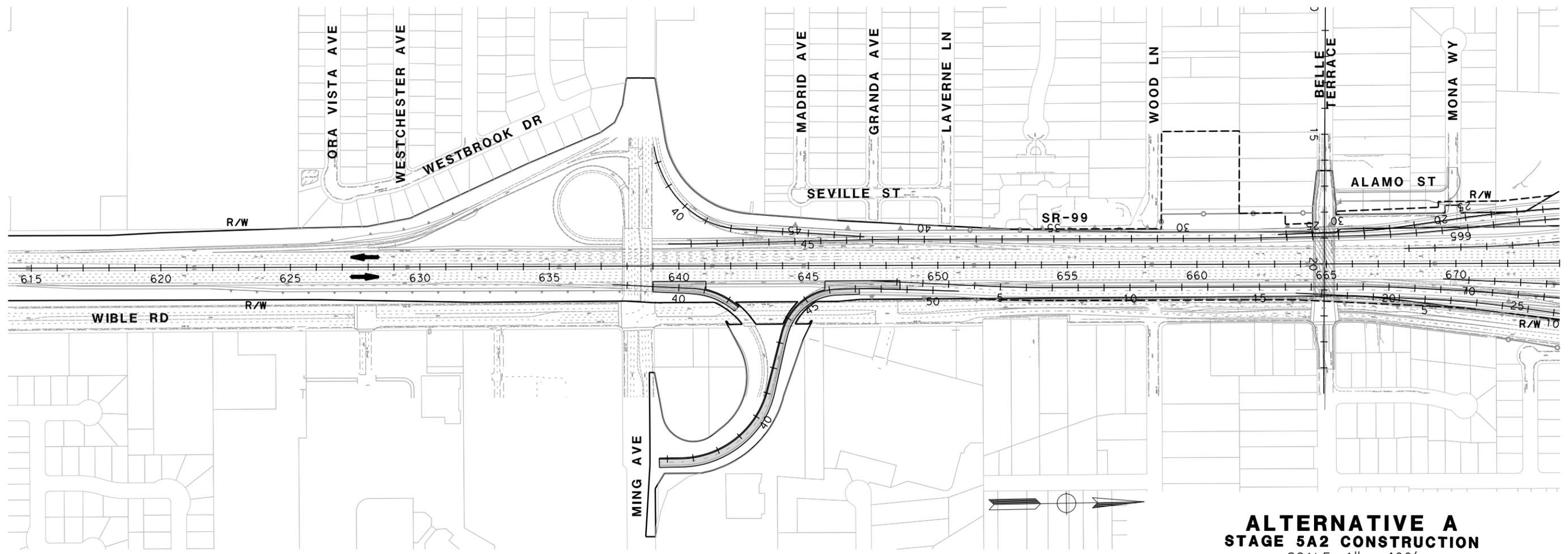
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTUN AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE A
STAGE 5A2 CONSTRUCTION
 SCALE: 1" = 400'

SC-30

LAST REVISION DATE PLOTTED => 3/28/2012
 03-23-12 TIME PLOTTED => 11:05:21 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

CONSTRUCTION NOTES:

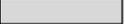
STAGE 5B

SHIFT TRAFFIC TO THE NEW N-E ALIGNMENT. REMOVE THE EXISTING WIBLE ROAD CONNECTOR, INCLUDING THE BRIDGE. REMOVE THE OLD N-E CONNECTOR UP TO THE TIE-IN. CONTINUE CONSTRUCTION OF THE N-W CONNECTOR UP TO SR-99.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

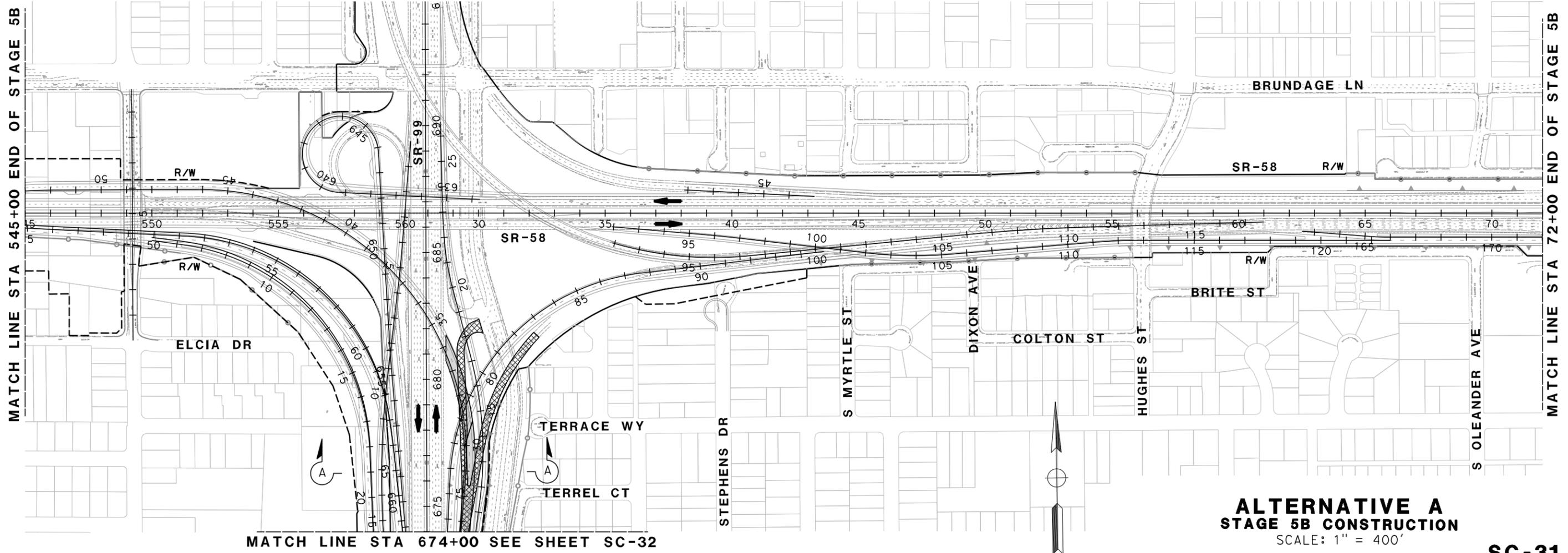
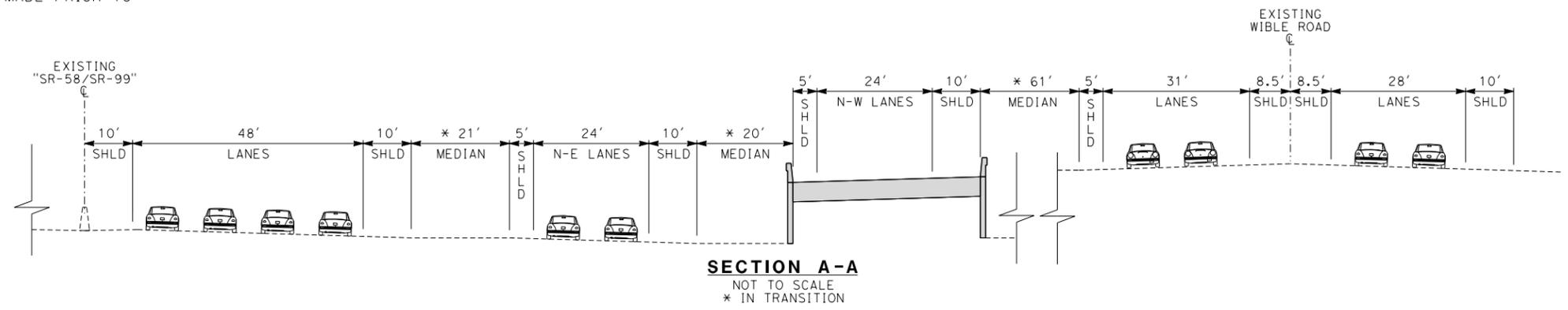
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____
 PLANS APPROVAL DATE _____
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTON AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE A
STAGE 5B CONSTRUCTION
 SCALE: 1" = 400'

SC-31

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Caltrans		CHECKED BY	DESIGNED BY	REVISION

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

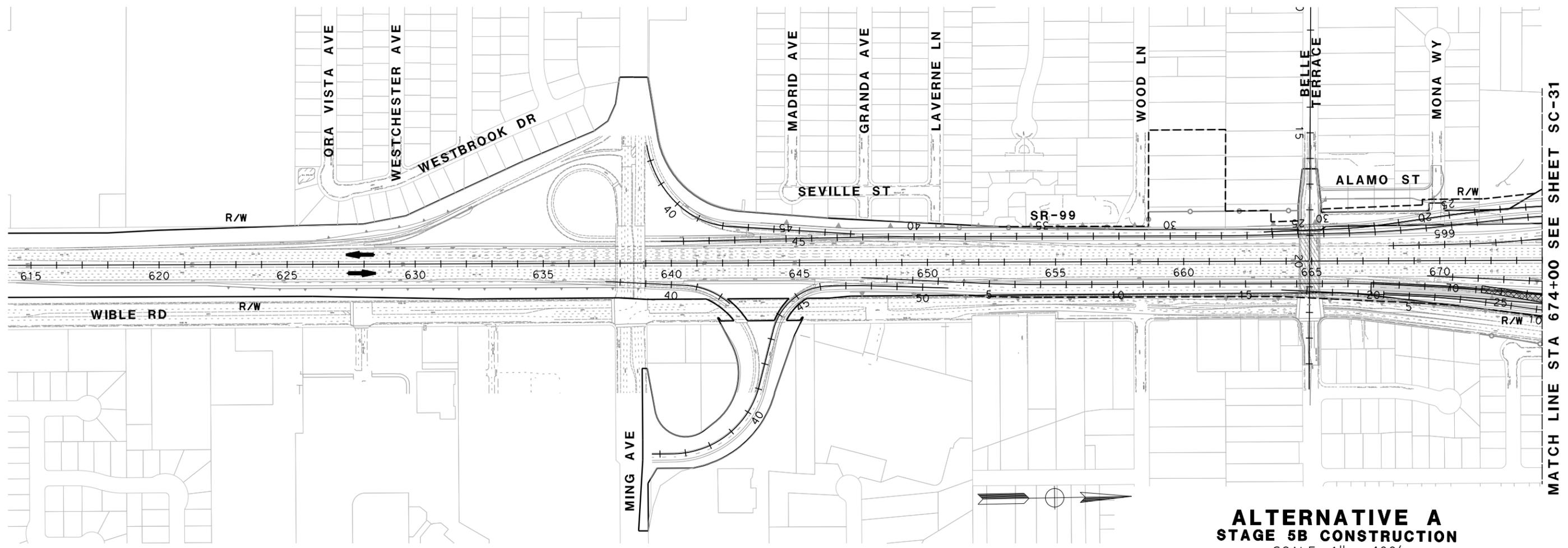
PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTON AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

LEGEND

- PROPOSED CONSTRUCTION
- DETOUR CONSTRUCTION
- REMOVAL
- TRAFFIC FLOW

DRAFT



ALTERNATIVE A
STAGE 5B CONSTRUCTION
SCALE: 1" = 400'

SC-32

MATCH LINE STA 674+00 SEE SHEET SC-31

LAST REVISION DATE PLOTTED => 3/28/2012 03-23-12 TIME PLOTTED => 11:07:05 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
St. Cattrans		CHECKED BY	DATE	

CONSTRUCTION NOTES:

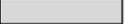
STAGE 5C

REMOVE THE SR-99 NB ENTRANCE RAMP FROM WIBLE ROAD. DIRECT TRAFFIC TO THE ENTRANCE AT CALIFORNIA AVE.
CONSTRUCT THE NB ENTRANCE RAMP FROM THE MING AVE C-D.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

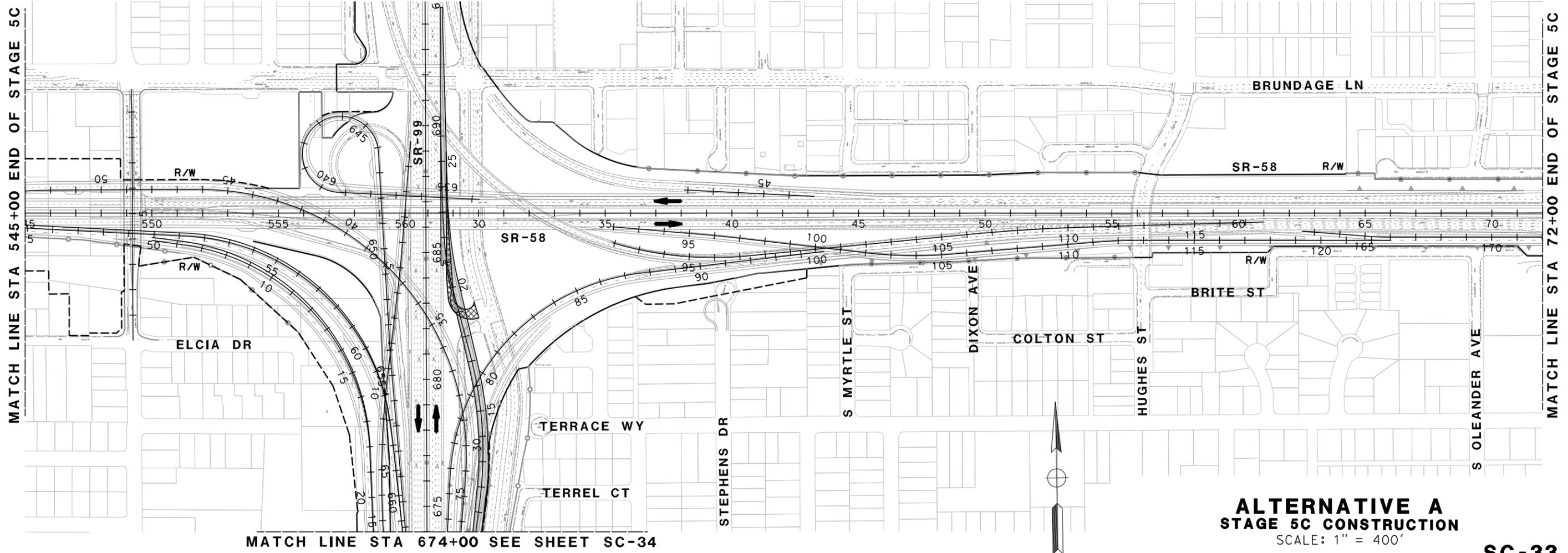
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTON AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301



DRAFT



ALTERNATIVE A
STAGE 5C CONSTRUCTION
SCALE: 1" = 400'

SC-33

LAST REVISION DATE PLOTTED => 3/28/2012
03-23-12 TIME PLOTTED => 11:46:19 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

REGISTERED CIVIL ENGINEER DATE _____

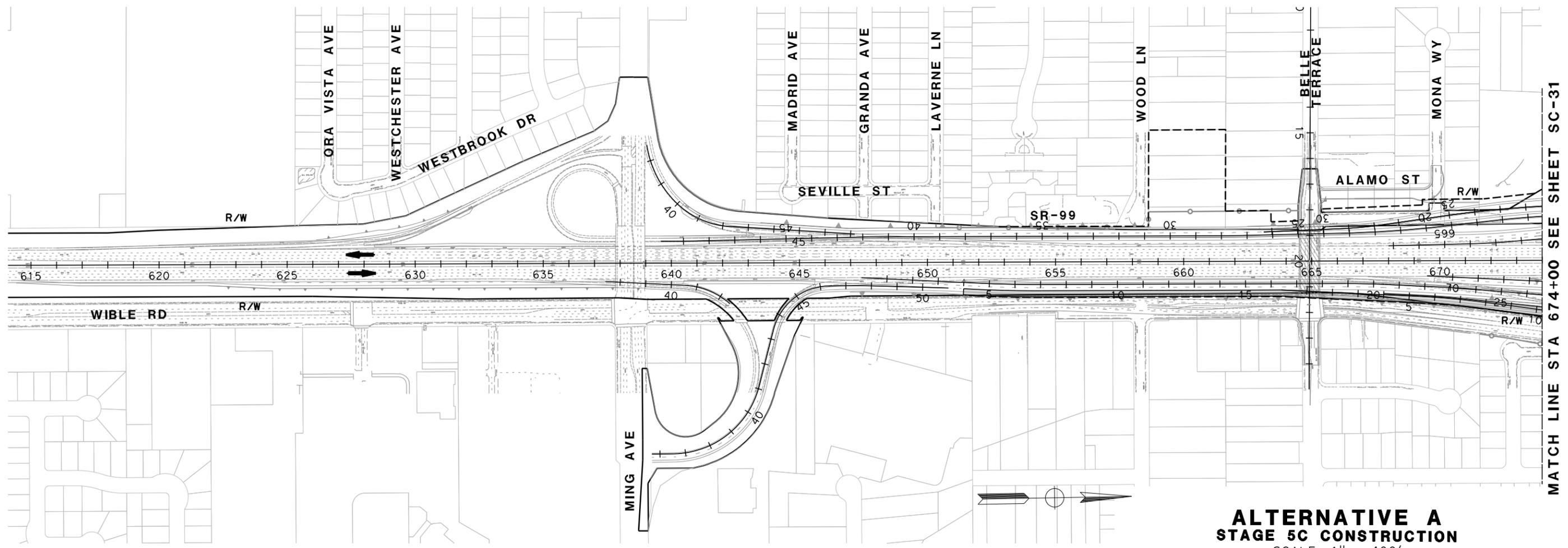
PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT



MATCH LINE STA 674+00 SEE SHEET SC-31

ALTERNATIVE A
STAGE 5C CONSTRUCTION
 SCALE: 1" = 400'
SC-34

LAST REVISION DATE PLOTTED => 3/28/2012 03-23-12 TIME PLOTTED => 11:08:40 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Et Caltrans		CHECKED BY	DATE	

CONSTRUCTION NOTES:

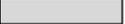
STAGE 6A

CONSTRUCT ALL SOUND WALLS NORTH AND SOUTH OF SR-58 EAST OF SR-99, EXCEPT THOSE BETWEEN CHESTER AVE. AND UNION AVE.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

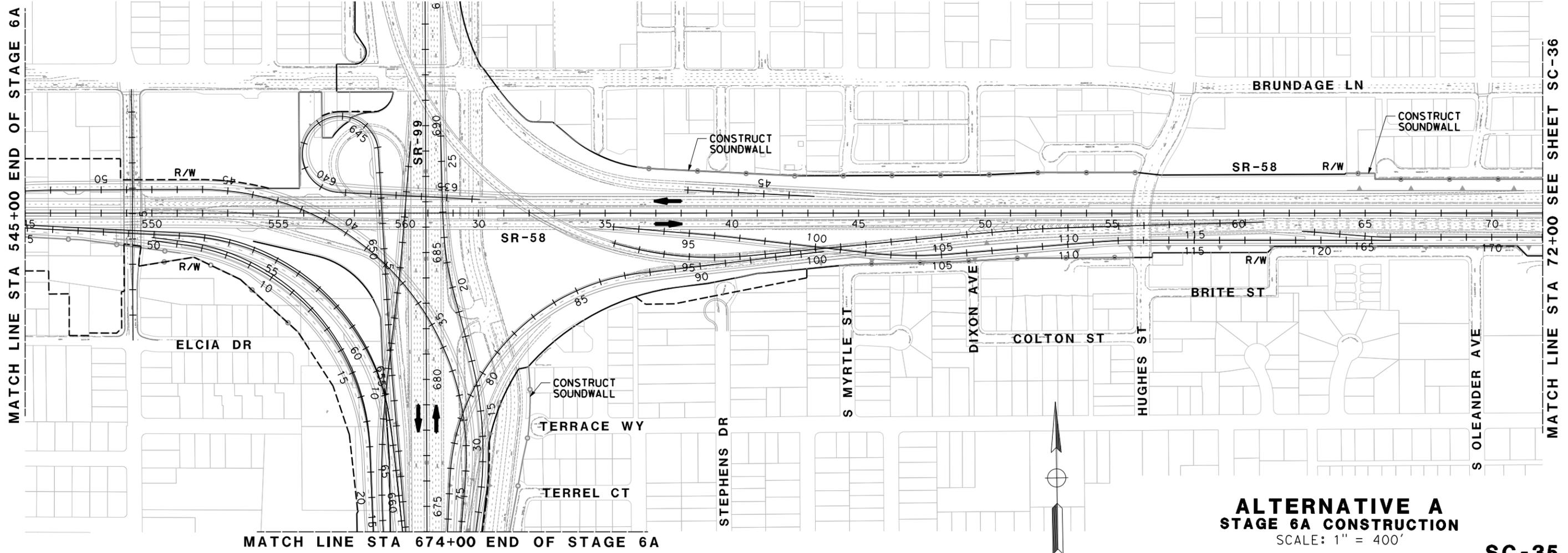
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTON AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE A
STAGE 6A CONSTRUCTION
SCALE: 1" = 400'

SC-35

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Stantec
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED/DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

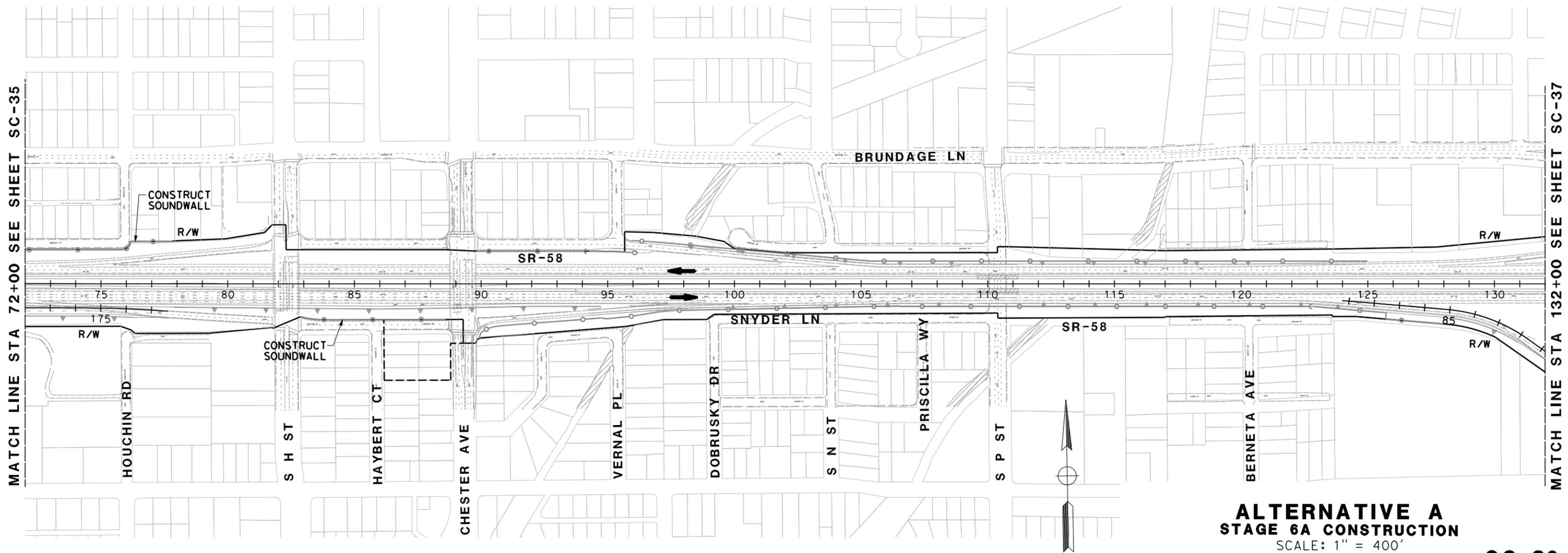
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

REGISTERED CIVIL ENGINEER DATE _____
 PLANS APPROVAL DATE _____
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.
 PARSONS 110 WEST A STREET, SUITE 1050 SAN DIEGO, CALIFORNIA 92101
 THOMAS ROAD IMPROVEMENT PROGRAM 900 TRUXTON AVENUE, SUITE 200 BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE A
STAGE 6A CONSTRUCTION
 SCALE: 1" = 400'

SC-36

LAST REVISION DATE PLOTTED => 3/28/2012
 03-23-12 TIME PLOTTED => 11:10:20 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED/DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

REGISTERED CIVIL ENGINEER DATE _____

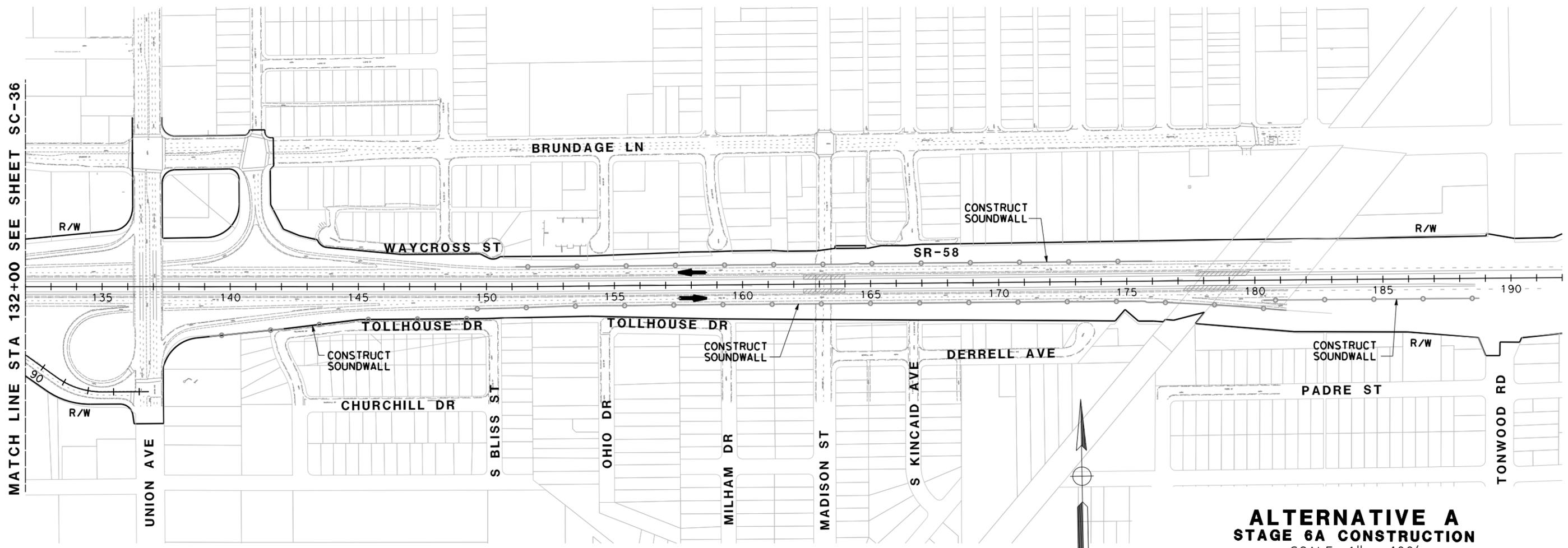
PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT



**ALTERNATIVE A
 STAGE 6A CONSTRUCTION**
 SCALE: 1" = 400'

SC-37

LAST REVISION DATE PLOTTED => 3/28/2012
 03-23-12 TIME PLOTTED => 11:11:09 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISOR BY
 DATE REVISOR

CONSTRUCTION NOTES:

STAGE 6B

CONSTRUCT THE INSIDE MEDIAN WIDENING OF SR-58 FROM JUST EAST OF SR-99 TO JUST EAST OF CHESTER AVE.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

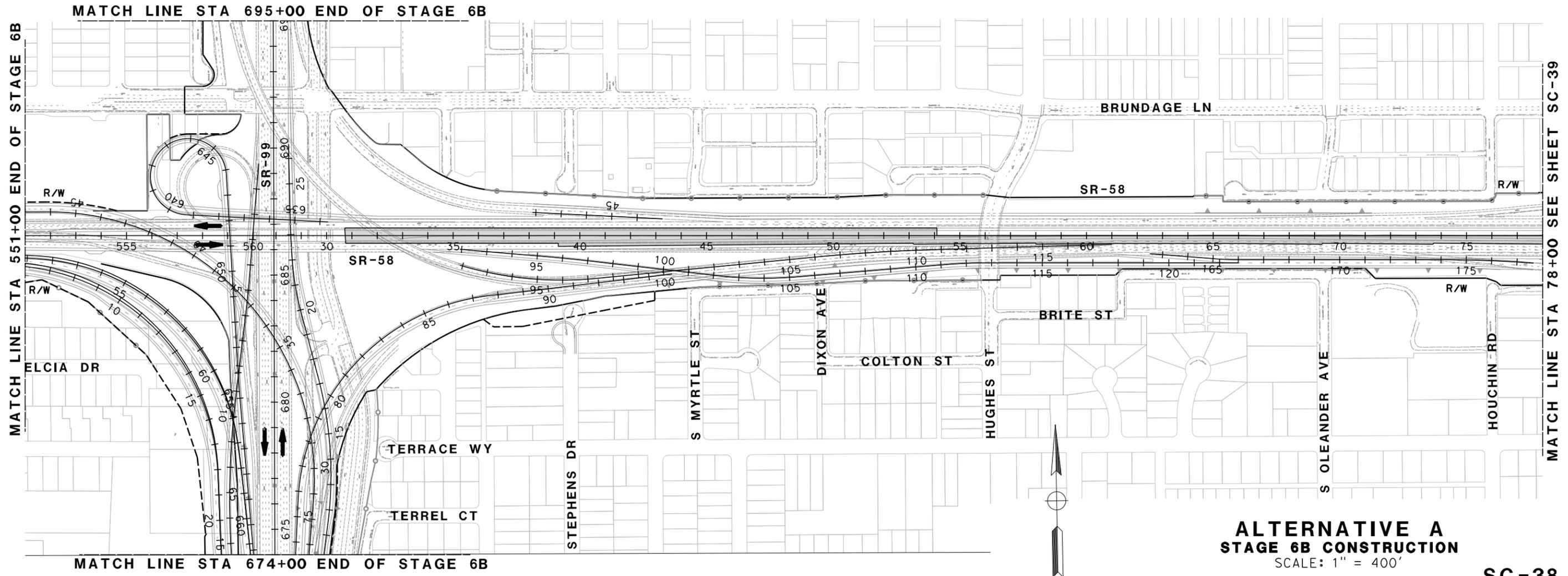
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTON AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

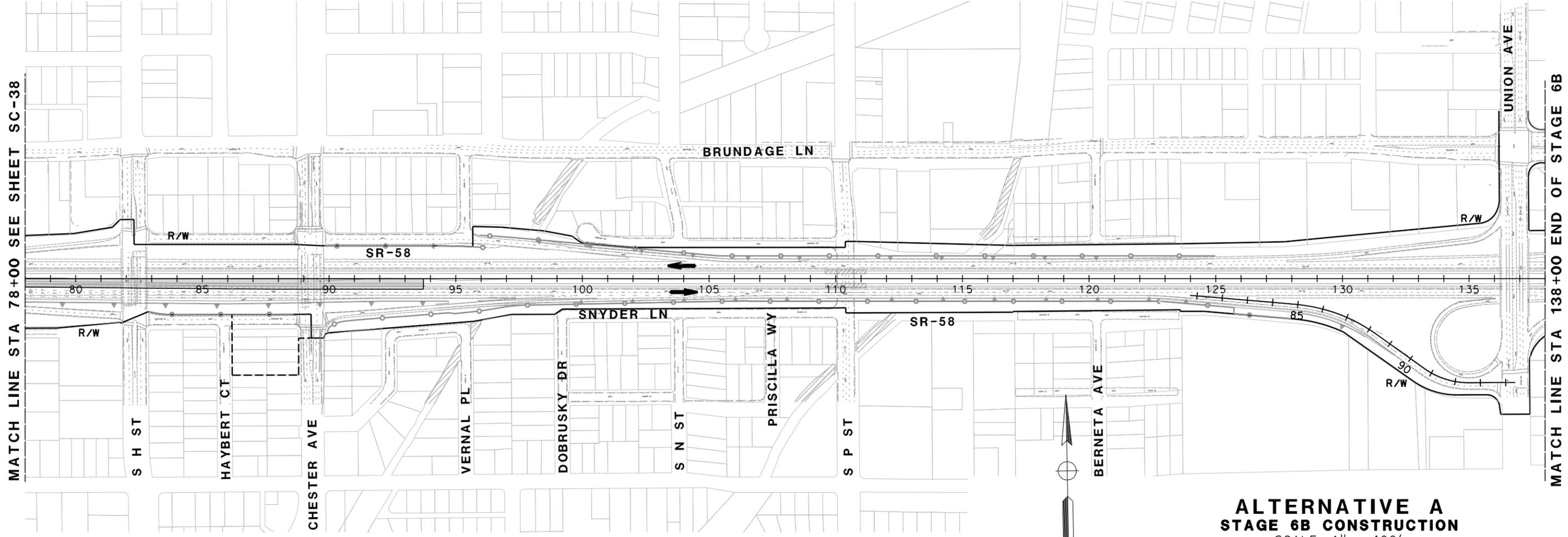
DRAFT



ALTERNATIVE A
STAGE 6B CONSTRUCTION
 SCALE: 1" = 400'

SC-38

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Stantec		CHECKED BY	DATE	REVISOR



LEGEND

- PROPOSED CONSTRUCTION
- DETOUR CONSTRUCTION
- REMOVAL
- TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT

MATCH LINE STA 78+00 SEE SHEET SC-38

MATCH LINE STA 138+00 END OF STAGE 6B

**ALTERNATIVE A
STAGE 6B CONSTRUCTION**
SCALE: 1" = 400'

SC-39

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

CONSTRUCTION NOTES:

STAGE 6C

PART I

CLOSE AND REMOVE THE EB H ST EXIT RAMP. DELAY WIDENING OF EB UNION AVE EXIT. DETOUR TRAFFIC TO THE UNION AVE EXIT RAMP. DETOURED TRAFFIC TRAVELING NORTH WILL BE DIRECTED THROUGH UNION AVE TO BRUNDAGE LANE AND BACK TO H ST. DETOURED TRAFFIC TRAVELING SOUTH WILL BE DIRECTED THROUGH S. UNION AVE TO BELLE TERRACE AND BACK TO S. H ST. COMPLETE THE CONSTRUCTION OF THE H ST C-D ROAD AND SR-58 EXIT TO H ST. REOPEN THE EB EXIT TO H ST.

PART II

CLOSE AND WIDEN THE EB UNION AVE EXIT. PLACE ADVANCE WARNING SIGNS PRIOR TO THE H ST EXIT AND AT THE LOCAL ROADS. TRAFFIC SHOULD BE DETOURED IN REVERSE ORDER OF THE H ST EXIT RAMP CLOSURE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301



DRAFT



**ALTERNATIVE A
STAGE 6C DETOUR PLAN**

SC-40

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
St. Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISOR BY
 DATE REVISOR

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____
 PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

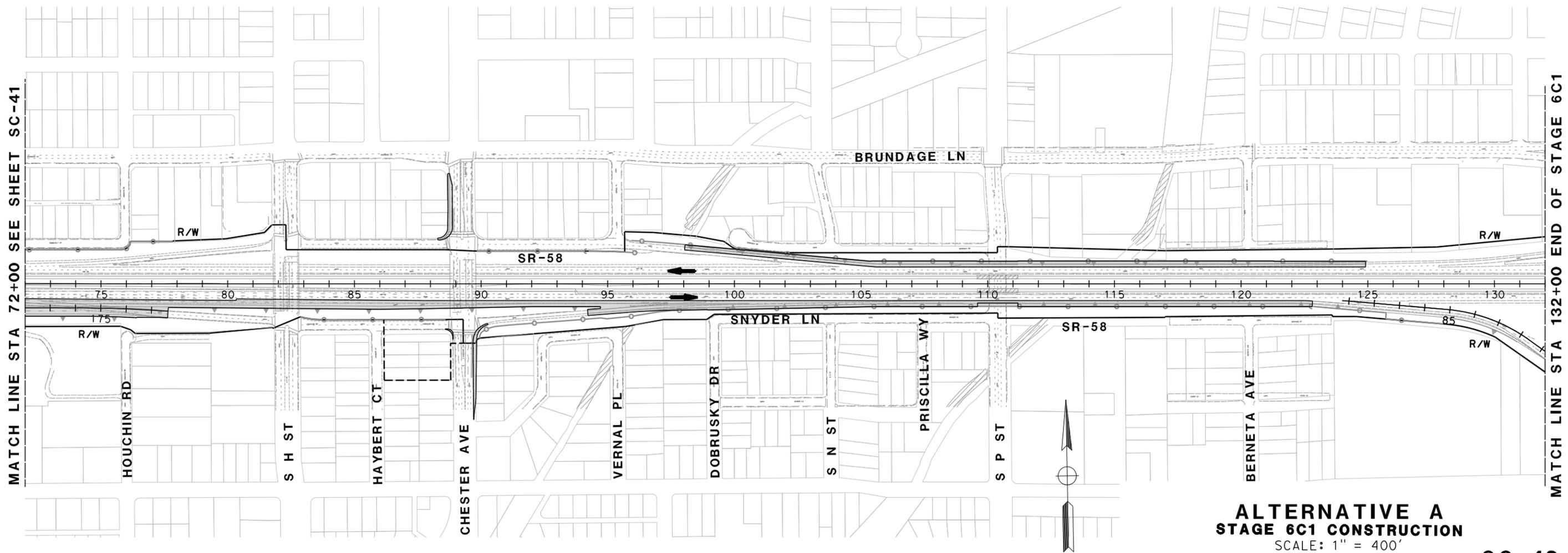
PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTON AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

LEGEND

- PROPOSED CONSTRUCTION
- DETOUR CONSTRUCTION
- REMOVAL
- TRAFFIC FLOW

DRAFT



ALTERNATIVE A
STAGE 6C1 CONSTRUCTION
 SCALE: 1" = 400'
SC-42

LAST REVISION DATE PLOTTED => 3/28/2012
 03-23-12 TIME PLOTTED => 11:15:46 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Stantec		CHECKED BY	DESIGNED BY	DATE

CONSTRUCTION NOTES:

STAGE 6C

PART II
CLOSE AND WIDEN THE EB UNION AVE EXIT. PLACE ADVANCE WARNING SIGNS PRIOR TO THE H ST EXIT AND AT THE LOCAL ROADS. TRAFFIC SHOULD BE DETOURED IN REVERSE ORDER OF THE H ST EXIT RAMP CLOSURE.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

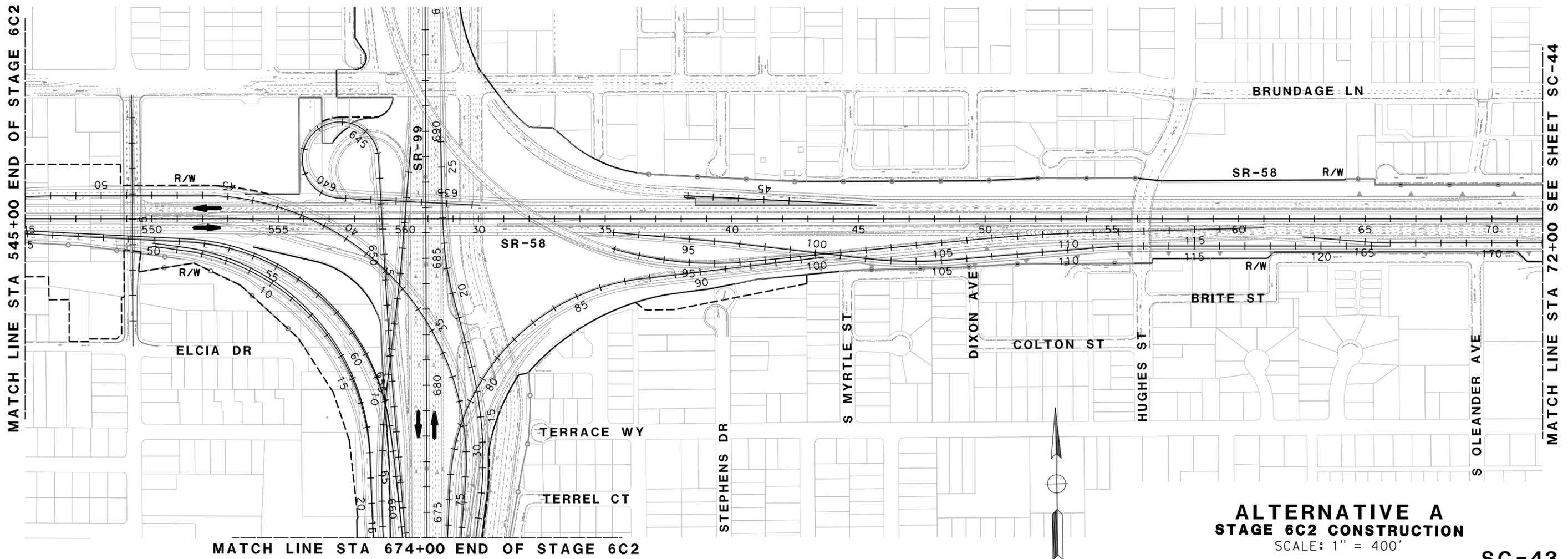
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTON AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE A
STAGE 6C2 CONSTRUCTION
SCALE: 1" = 400'

SC-43

LAST REVISION DATE PLOTTED => 3/28/2012 03-23-12 TIME PLOTTED => 11:16:35 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

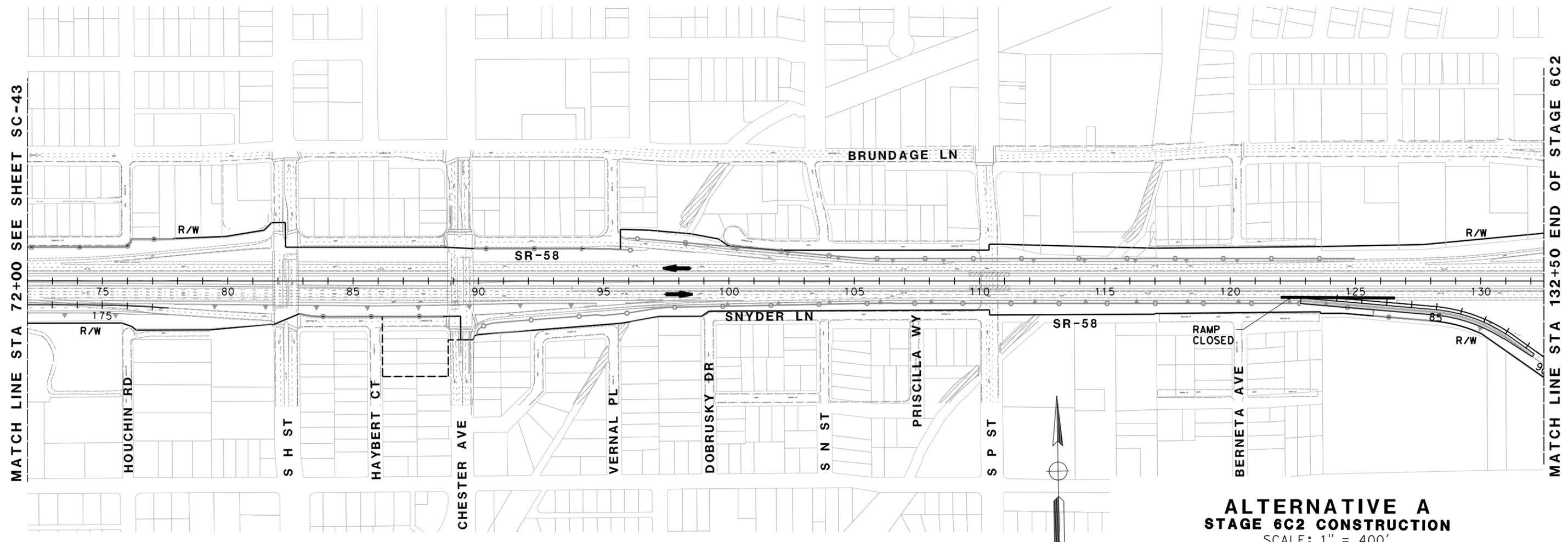
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301



DRAFT



MATCH LINE STA 72+00 SEE SHEET SC-43

MATCH LINE STA 132+50 END OF STAGE 6C2

**ALTERNATIVE A
 STAGE 6C2 CONSTRUCTION**
 SCALE: 1" = 400'

SC-44

LAST REVISION DATE PLOTTED => 3/28/2012
 03-23-12 TIME PLOTTED => 11:17:30 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

CONSTRUCTION NOTES:

STAGE 6D
 PART I

CONSTRUCT A DETOUR FOR THE N-E AND S-E CONNECTORS BETWEEN EB SR-58 EAST AND THE EXISTING N-E/S-E CONNECTOR MERGE.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

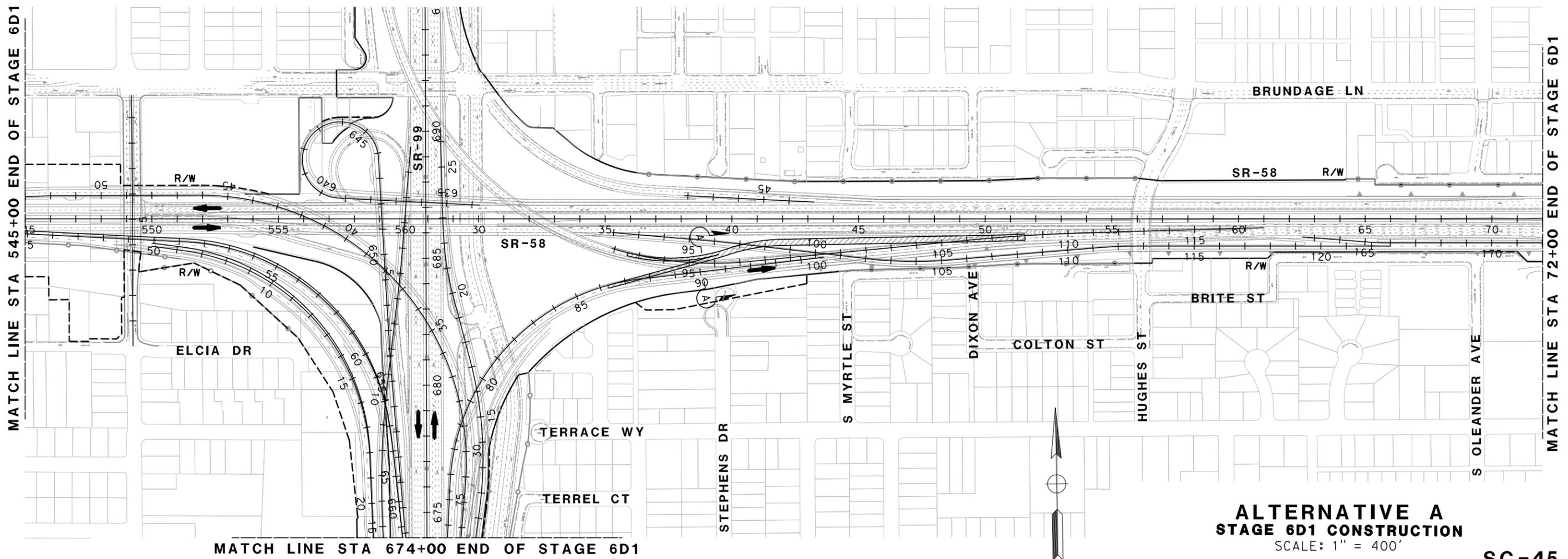
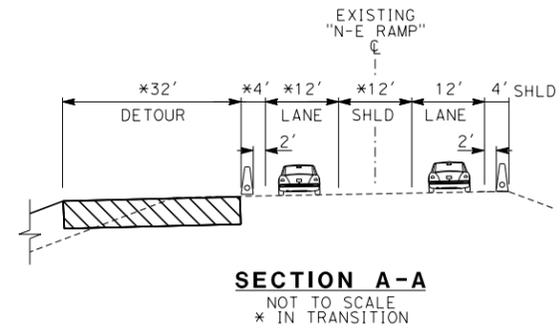
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTON AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

DRAFT



**ALTERNATIVE A
 STAGE 6D1 CONSTRUCTION**
 SCALE: 1" = 400'

SC-45

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

CONSTRUCTION NOTES:

STAGE 6D

PART II

SHIFT TRAFFIC TO THE DETOUR. CONSTRUCT THE PROPOSED N-E/S-E BRIDGE AND A PORTION OF THE N-E CONNECTOR THAT DOES NOT CONFLICT WITH THE DETOUR.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

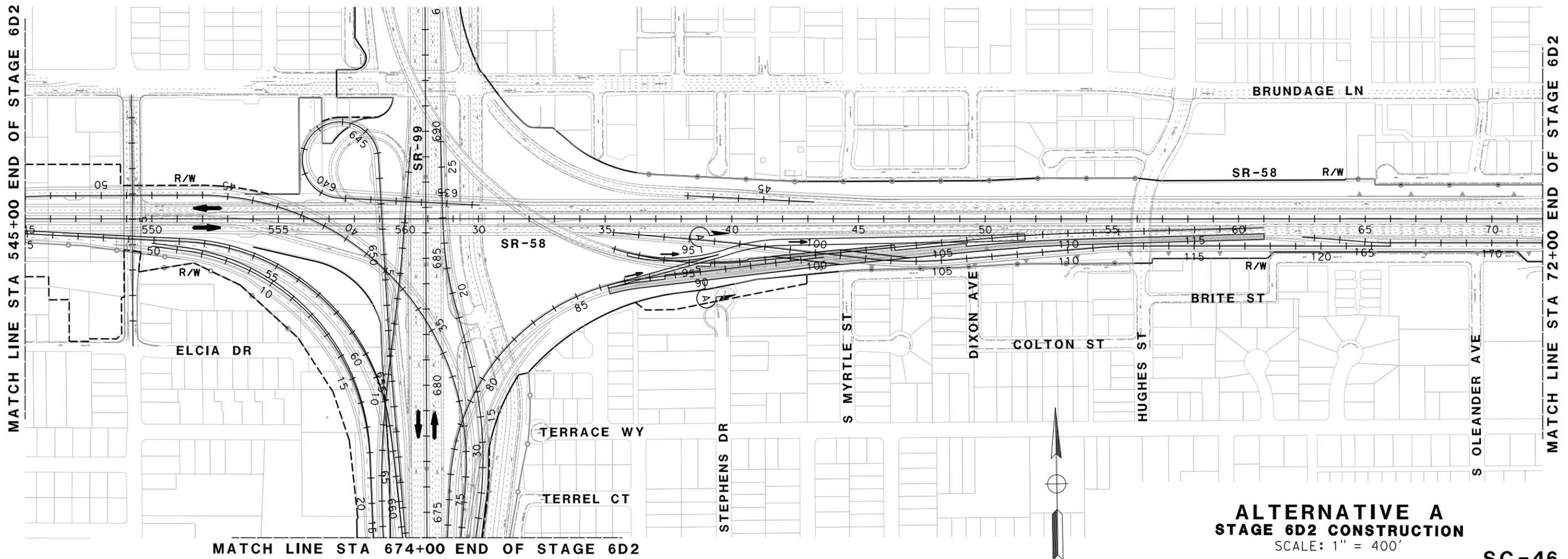
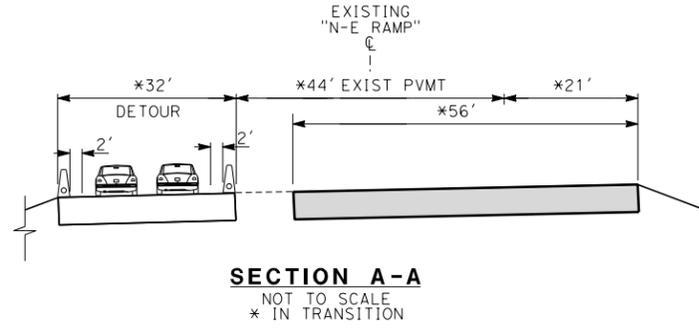
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTON AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

DRAFT



**ALTERNATIVE A
 STAGE 6D2 CONSTRUCTION**
 SCALE: 1" = 400'

SC-46

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
Et Caltrans		CHECKED BY	DATE REVISED

CONSTRUCTION NOTES:

STAGE 6D
PART III

SHIFT THE N-E TRAFFIC TO THE NEWLY CONSTRUCTED N-E ALIGNMENT AND BRIDGE. REMOVE THE N-E DETOUR. CONSTRUCT THE PROPOSED ROAD PREVIOUSLY BLOCKED BY THE N-E DETOUR. CONSTRUCT THE PROPOSE S-E OUTSIDE LANE ADJACENT TO THE S-E DETOUR.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

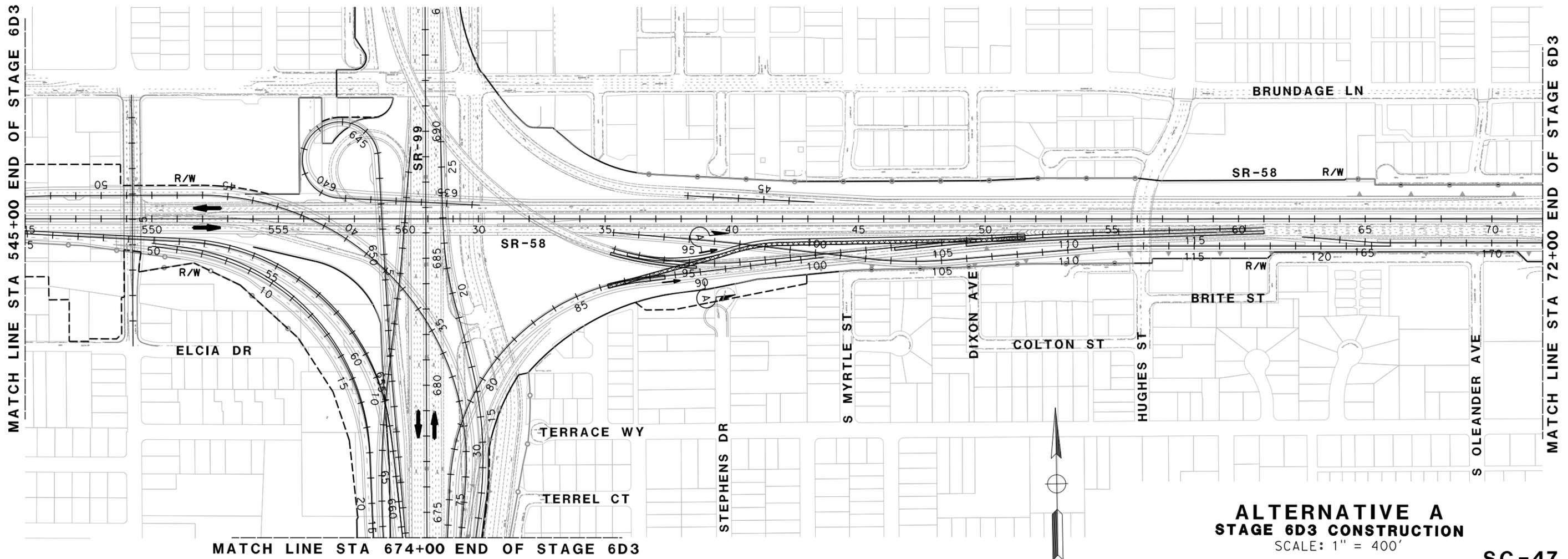
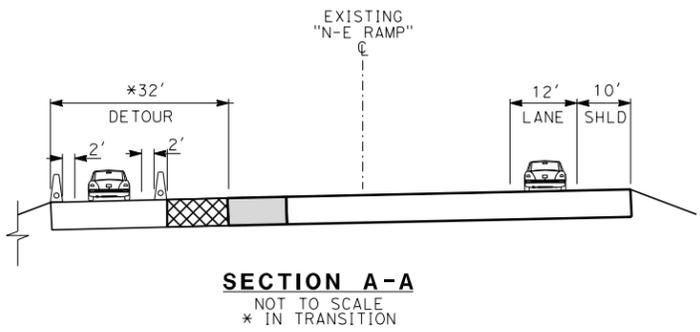
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTON AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301



DRAFT



**ALTERNATIVE A
STAGE 6D3 CONSTRUCTION**
SCALE: 1" = 400'

SC-47

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____
 PLANS APPROVAL DATE _____
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTON AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

DRAFT

CONSTRUCTION NOTES:

STAGE 6D

PART IV

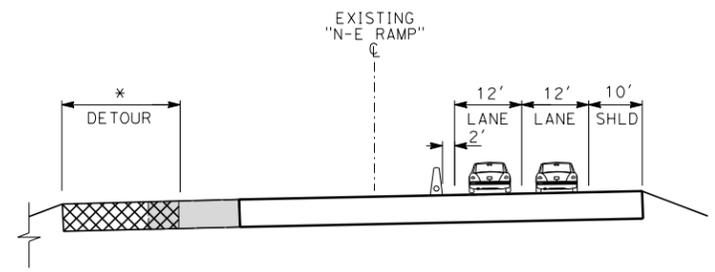
SHIFT THE S-E TRAFFIC ONTO THE PROPOSED OUTSIDE LANE AND REMOVE THE DETOUR.
 CONSTRUCT THE REMAINING PORTIONS OF THE S-E ALIGNMENT.

GENERAL NOTES:

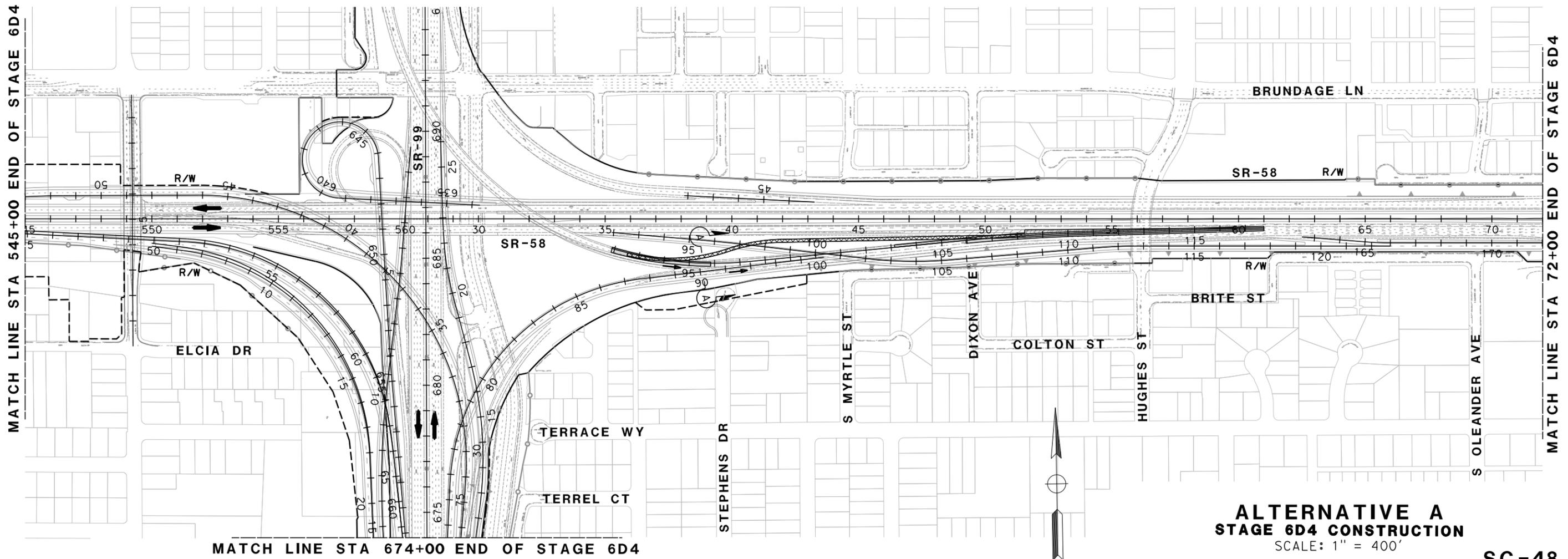
1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW



SECTION A-A
 NOT TO SCALE
 * IN TRANSITION



ALTERNATIVE A
STAGE 6D4 CONSTRUCTION
 SCALE: 1" = 400'

SC-48

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	CHECKED BY
REVISOR	DATE	REVISOR	DATE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Caltrans		CHECKED BY	DESIGNED BY	DATE

CONSTRUCTION NOTES:

STAGE 6E
 CONSTRUCT THE SR-58 EB EXIT RAMP TO H ST.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

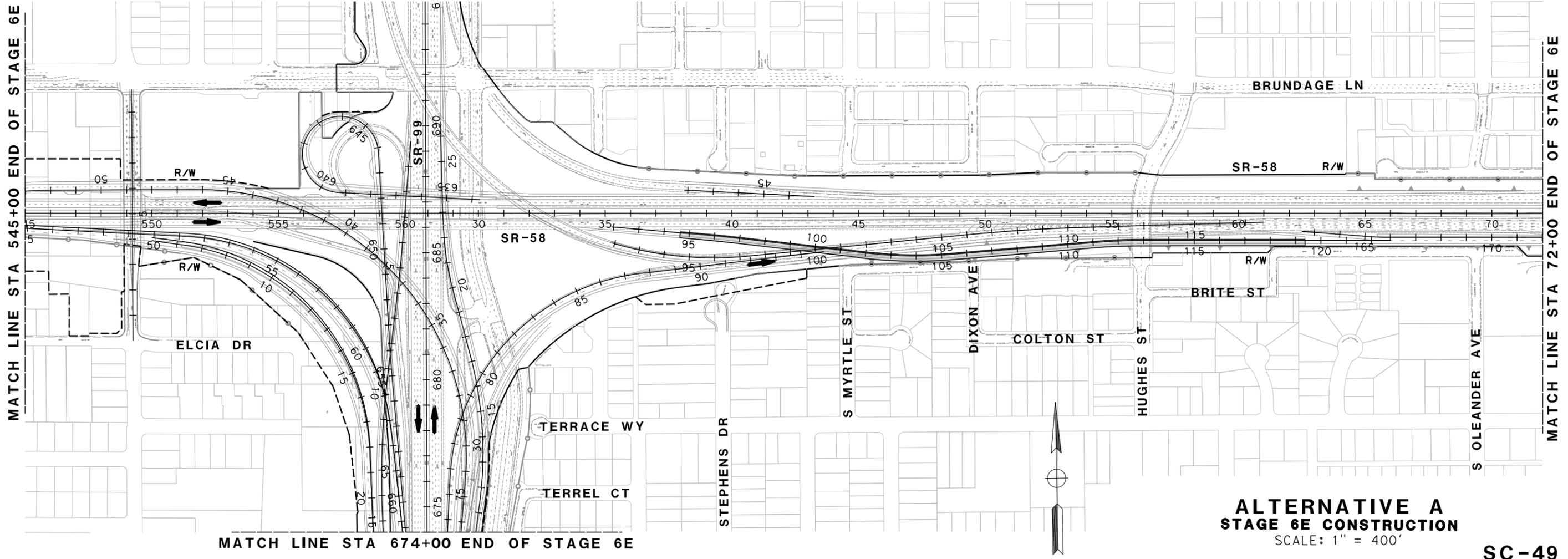
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTON AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301



DRAFT



**ALTERNATIVE A
 STAGE 6E CONSTRUCTION**
 SCALE: 1" = 400'

SC-49

LAST REVISION DATE PLOTTED => 3/28/2012
 03-23-12 TIME PLOTTED => 11:21:47 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Caltrans		CHECKED BY	DESIGNED BY	DATE

CONSTRUCTION NOTES:

STAGE 7
COMPLETE THE CONSTRUCTION OF THE W-S CONNECTOR.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

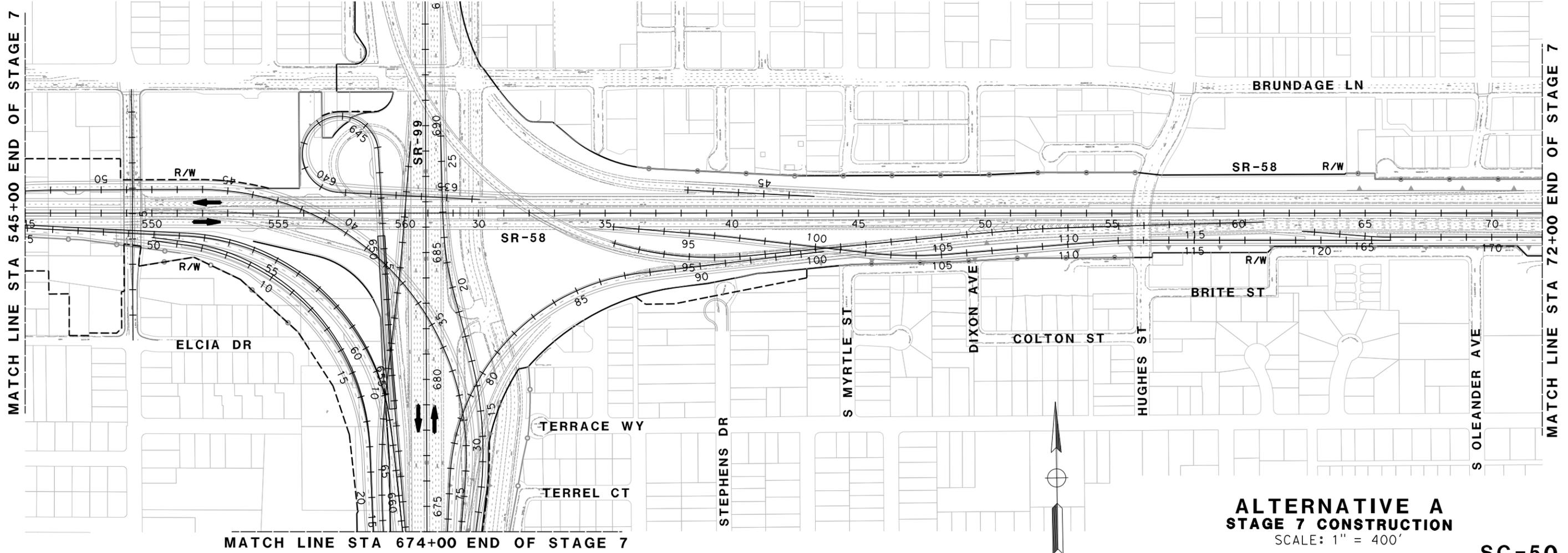
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTON AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301



DRAFT



**ALTERNATIVE A
STAGE 7 CONSTRUCTION**
SCALE: 1" = 400'

SC-50

LAST REVISION DATE PLOTTED => 3/28/2012 03-23-12 TIME PLOTTED => 11:22:36 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

CONSTRUCTION NOTES:

STAGE 8

CONSTRUCT IMPROVEMENTS TO THE SB EXIT RAMP TO ROSEDALE HWY AND SB SR-99 AUXILIARY LANE.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

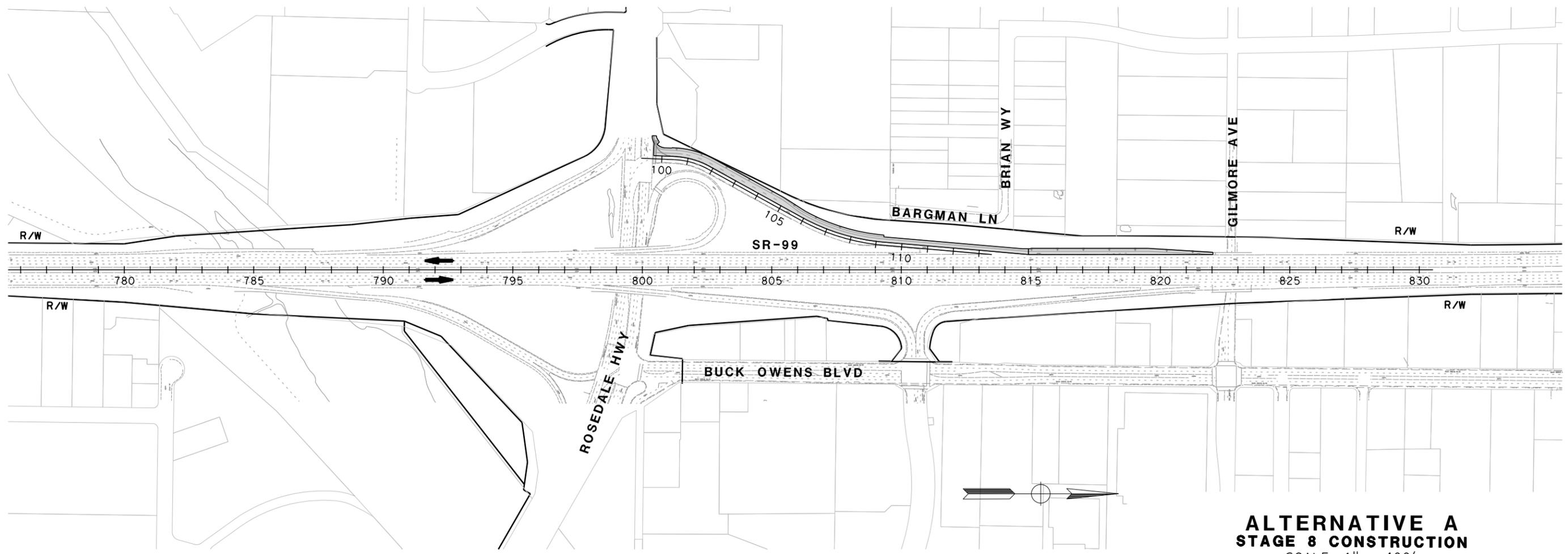
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTON AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

DRAFT



**ALTERNATIVE A
 STAGE 8 CONSTRUCTION**
 SCALE: 1" = 400'

SC-51

APPENDIX A2:
CONSTRUCTION STAGING AND DETOUR PLAN SHEETS

ALTERNATIVE B

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

CONSTRUCTION NOTES:

STAGE 1A

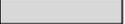
TO CREATE A BUFFER ZONE BETWEEN CONSTRUCTION AND TRAFFIC, SHIFT THE WESTSIDE PARKWAY (WSP) WB TRAFFIC ONTO THE EXISTING SHOULDER BETWEEN THE CALLOWAY DRIVE ENTRANCE RAMP AND THE WB EXIT RAMP TO COFFEE ROAD. THE EB TRAFFIC WILL BE SHIFTED SIMILARLY FROM THE COFFEE ROAD EXIT RAMP TO THE MOHAWK STREET CROSSING.

CONSTRUCT ALL INSIDE MEDIAN WIDENING WITHIN THE LIMITS OF THE SHIFTED TRAFFIC.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

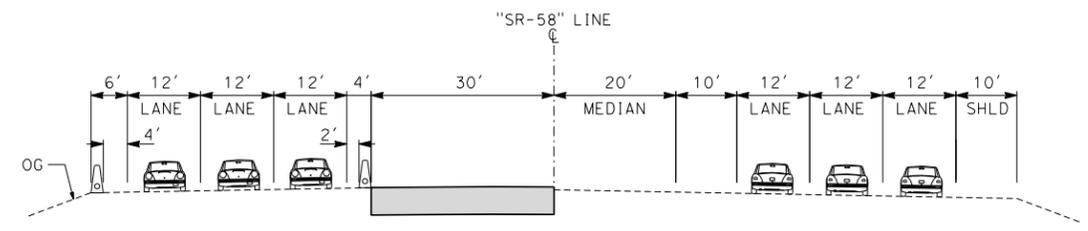
REGISTERED CIVIL ENGINEER DATE _____
 PLANS APPROVAL DATE _____
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



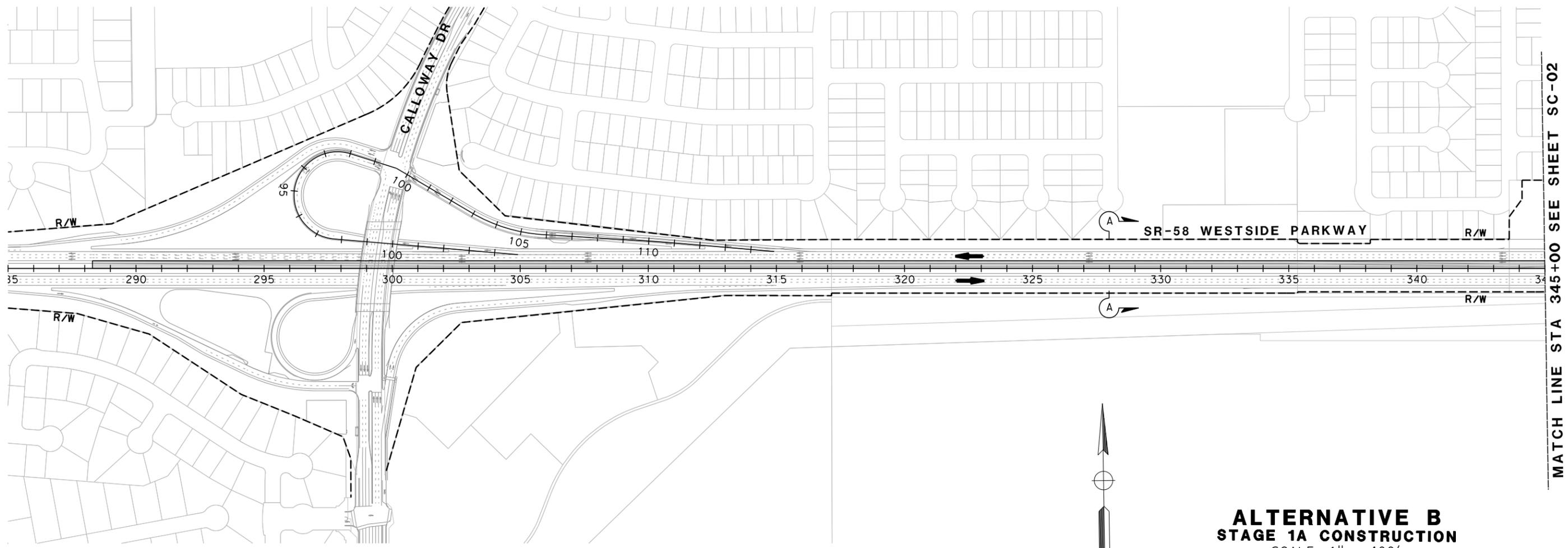
PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTON AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

DRAFT



SECTION A-A
 NOT TO SCALE



MATCH LINE STA 345+00 SEE SHEET SC-02



ALTERNATIVE B
STAGE 1A CONSTRUCTION
 SCALE: 1" = 400'

SC-01

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISOR BY
 DATE REVISOR

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

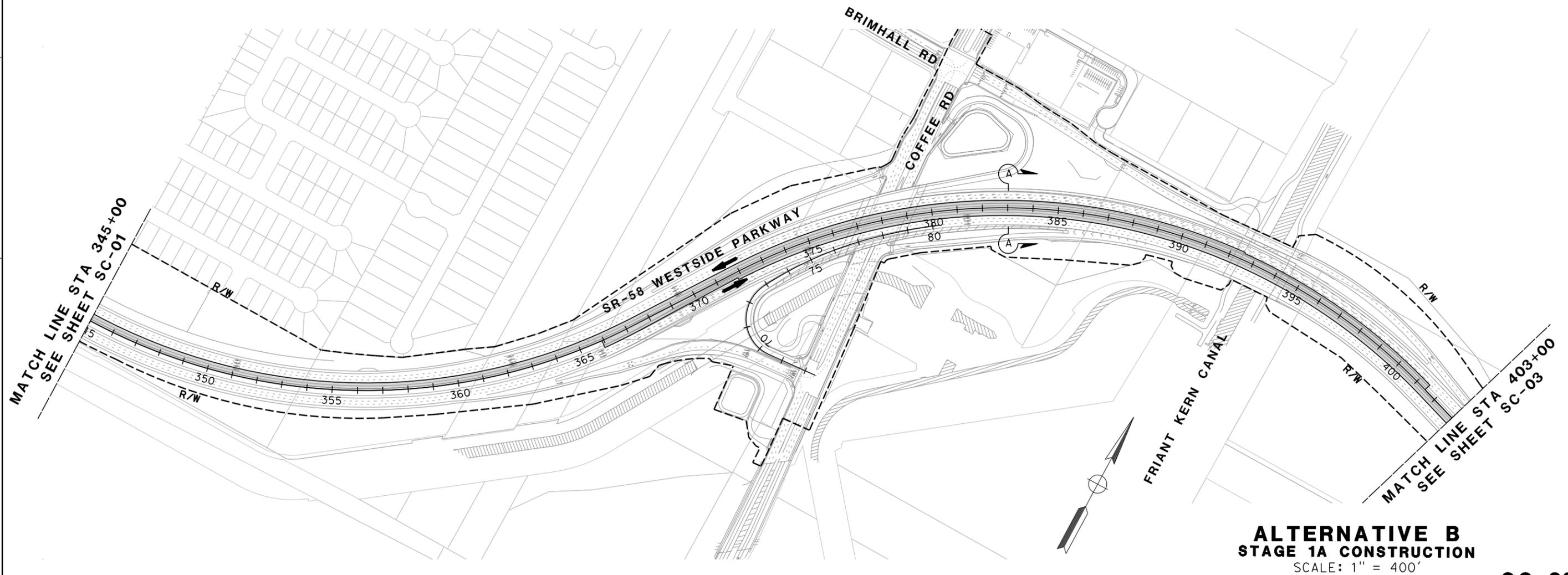
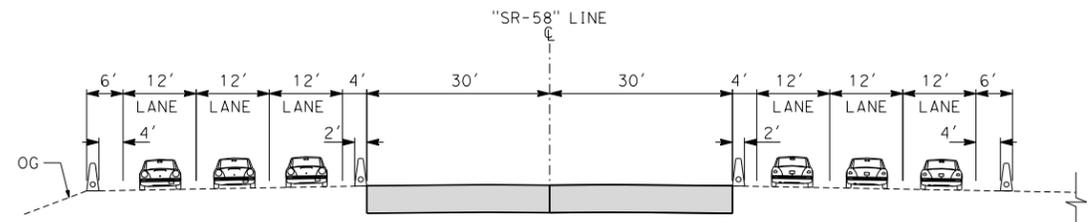
REGISTERED CIVIL ENGINEER DATE
 PLANS APPROVAL DATE
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101
 THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTON AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

DRAFT

- LEGEND**
- PROPOSED CONSTRUCTION
 - DETOUR CONSTRUCTION
 - REMOVAL
 - TRAFFIC FLOW



ALTERNATIVE B
STAGE 1A CONSTRUCTION
 SCALE: 1" = 400'
SC-02

LAST REVISION DATE PLOTTED => 3/28/2012
 03-23-12 TIME PLOTTED => 10:17:51 AM

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____
 PLANS APPROVAL DATE _____
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTUN AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

DRAFT

CONSTRUCTION NOTES:

STAGE 1B

SHIFT WSP TRAFFIC TO THE INSIDE LANES FOR BOTH EB AND WB MOVEMENTS. CONSTRUCT ALL OUTSIDE WIDENING ON WSP INCLUDING THE WESTBOUND EXIT RAMP TO CALLOWAY DRIVE, THE EASTBOUND ENTRANCE RAMP TO COFFEE ROAD, AND THE EASTBOUND EXIT RAMP TO MOHAWK STREET.

CONSTRUCTION OF WB EXIT RAMP TO CALLOWAY NB

PART I MOVE THE RAMP EXIT TRAFFIC BACK TO THE ORIGINAL LANES (PRIOR TO STAGE 1A DETOUR) AND CONSTRUCT THE OUTSIDE WIDENING.

PART II MOVE TRAFFIC TO PROPOSED AND CONSTRUCT INSIDE (RAMP GORE AND WIDENING)

RESTRIPING OF EB EXIT RAMP TO MOHAWK.

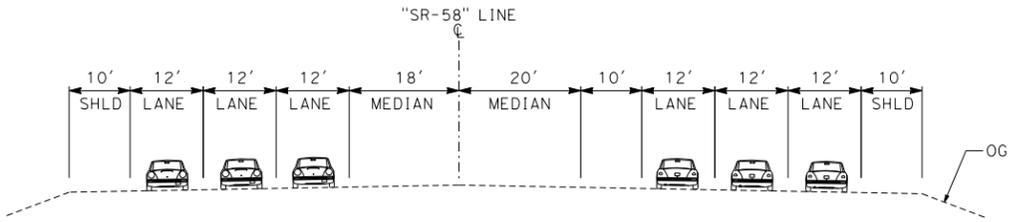
PROVIDE NIGHT TIME RAMP CLOSURE AND DETOUR TRAFFIC TO TRUXTUN AVENUE. RESURFACE AND RESTRIPE EXISTING RAMP.

LEGEND

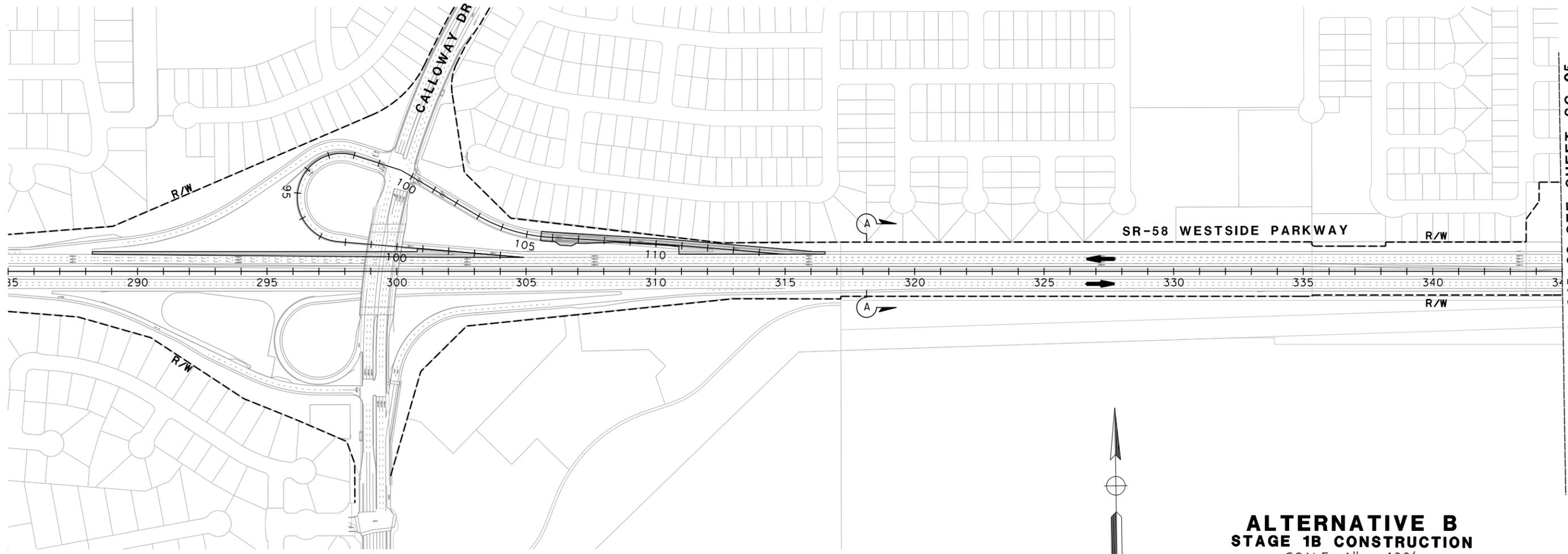
- PROPOSED CONSTRUCTION
- DETOUR CONSTRUCTION
- REMOVAL
- TRAFFIC FLOW

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION



SECTION A-A
NOT TO SCALE



MATCH LINE STA 345+00 SEE SHEET SC-05

ALTERNATIVE B
STAGE 1B CONSTRUCTION
 SCALE: 1" = 400'

SC-04

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et-Caltrans®



UNIT 0000

PROJECT NUMBER & PHASE

EA 06-48460

LAST REVISION DATE PLOTTED => 3/28/2012
 03-23-12 TIME PLOTTED => 10:19:00 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED/DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____
 PLANS APPROVAL DATE _____

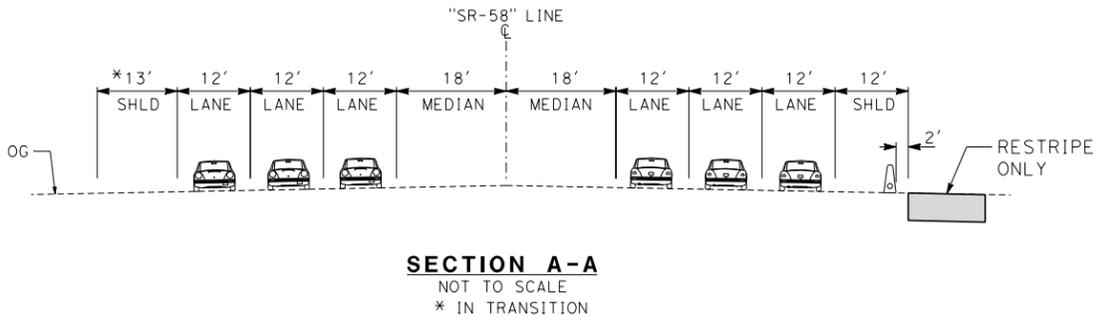
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

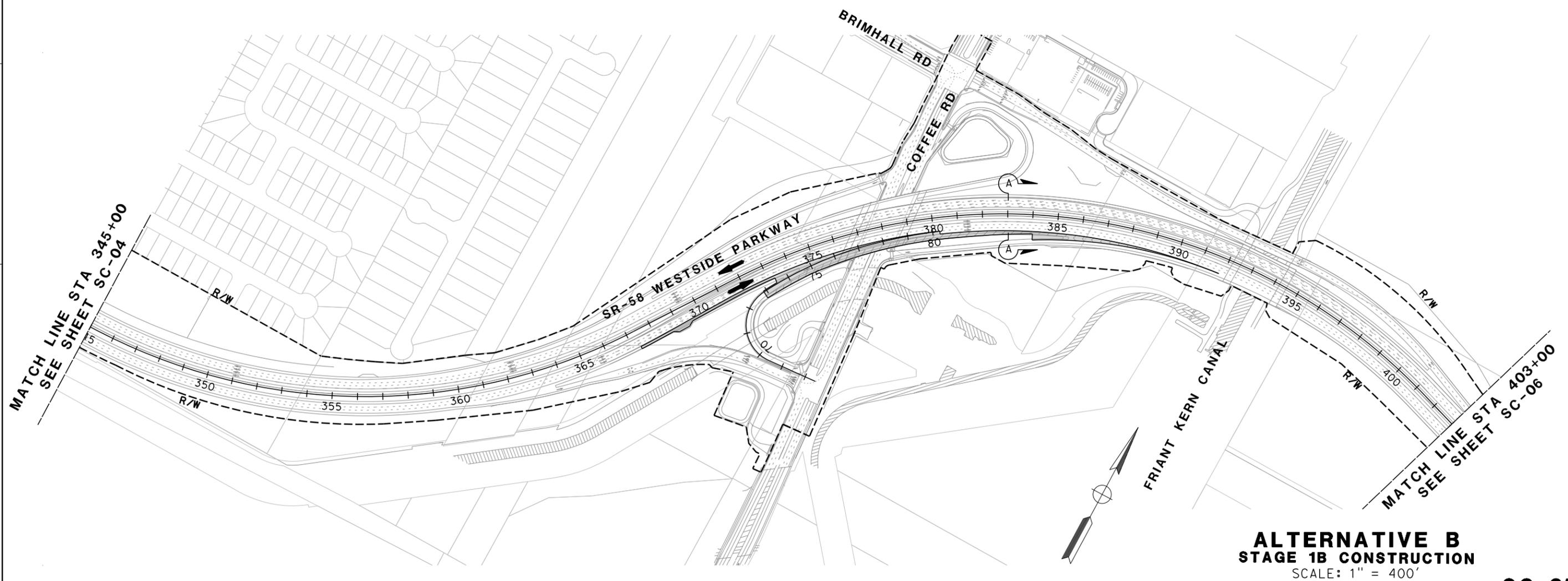
THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTON AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW



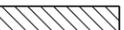
DRAFT



LAST REVISION DATE PLOTTED => 3/28/2012
 03-23-12 TIME PLOTTED => 10:19:33 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISOR BY
 DATE REVISED

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

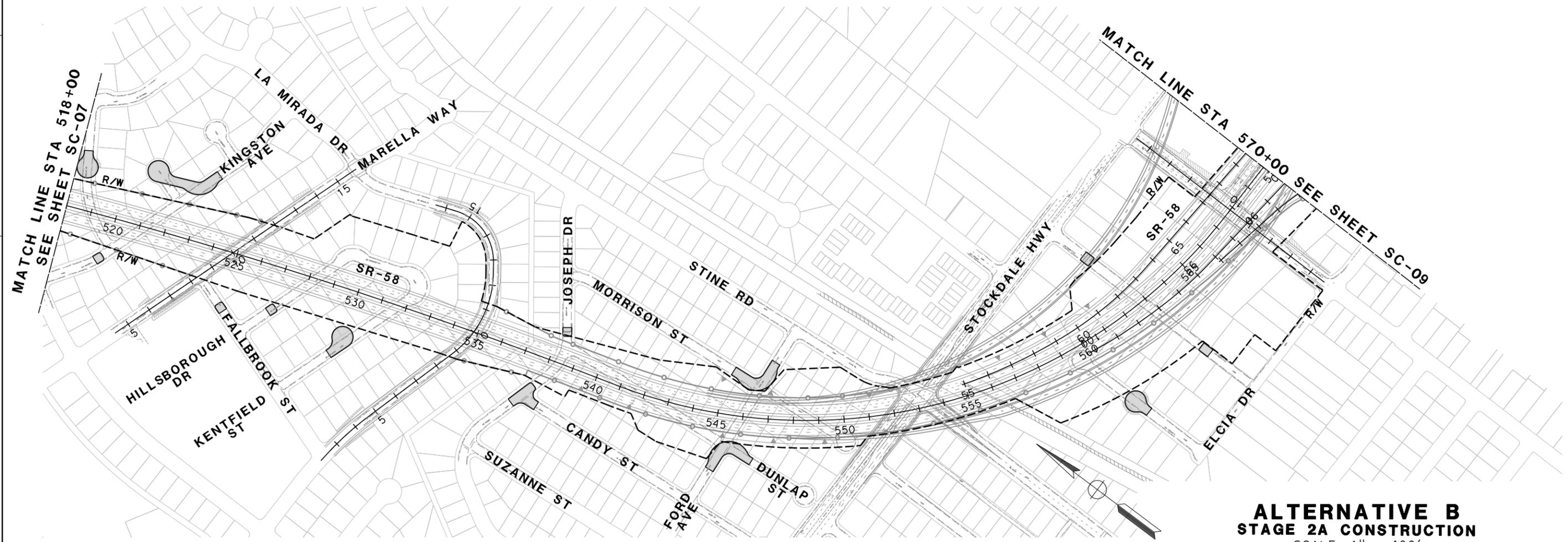
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTON AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301



DRAFT



ALTERNATIVE B
STAGE 2A CONSTRUCTION
 SCALE: 1" = 400'
SC-08

LAST REVISION DATE PLOTTED => 3/28/2012
 03-23-12 TIME PLOTTED => 10:21:16 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
Caltrans		CHECKED BY	DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

LEGEND

- PROPOSED CONSTRUCTION
- DETOUR CONSTRUCTION
- REMOVAL
- TRAFFIC FLOW



DRAFT



ALTERNATIVE B
STAGE 2A CONSTRUCTION
SCALE: 1" = 400'

SC-09

LAST REVISION DATE PLOTTED => 3/28/2012 03-23-12 TIME PLOTTED => 10:21:50 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Caltrans		CHECKED BY	DATE	

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

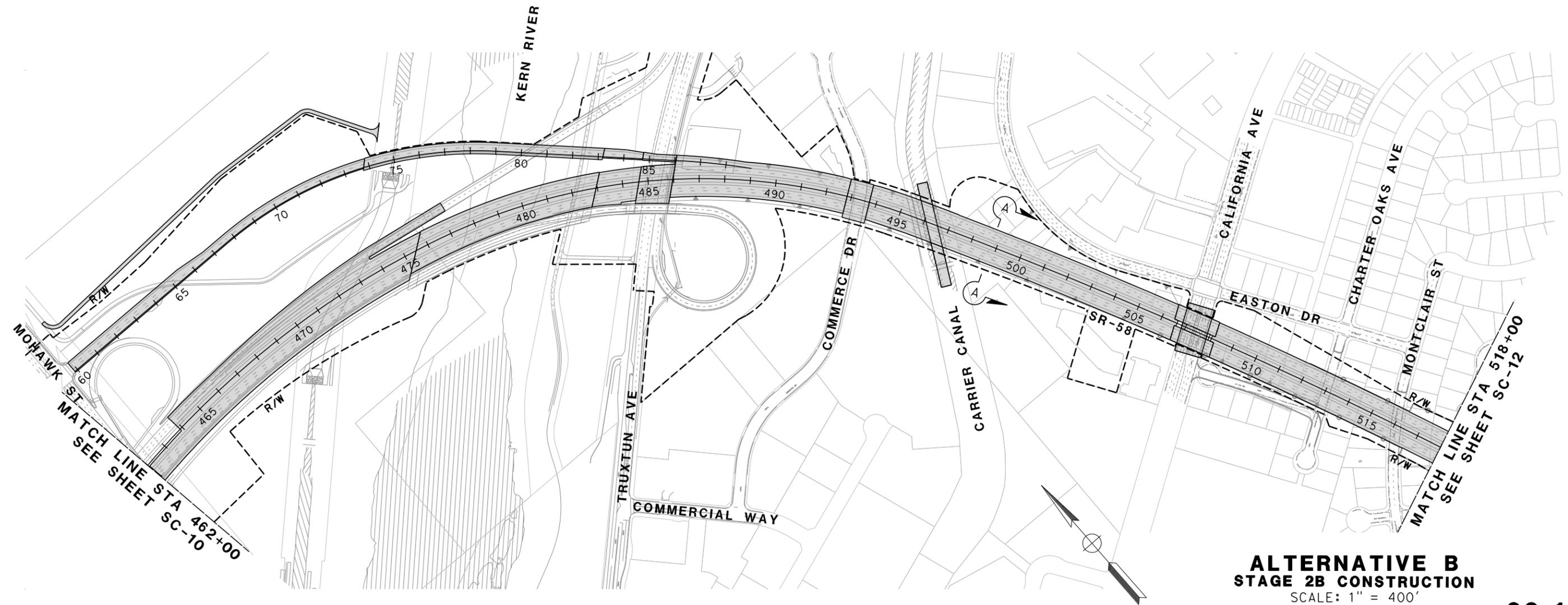
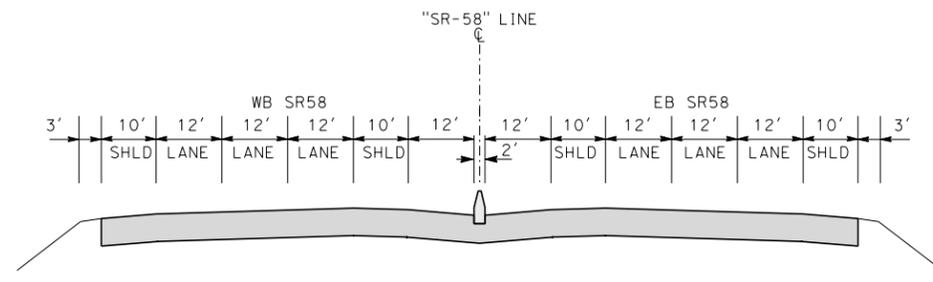
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE B
STAGE 2B CONSTRUCTION
SCALE: 1" = 400'

SC-11

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT FUNCTIONAL SUPERVISOR
 REVISOR BY
 DATE REVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

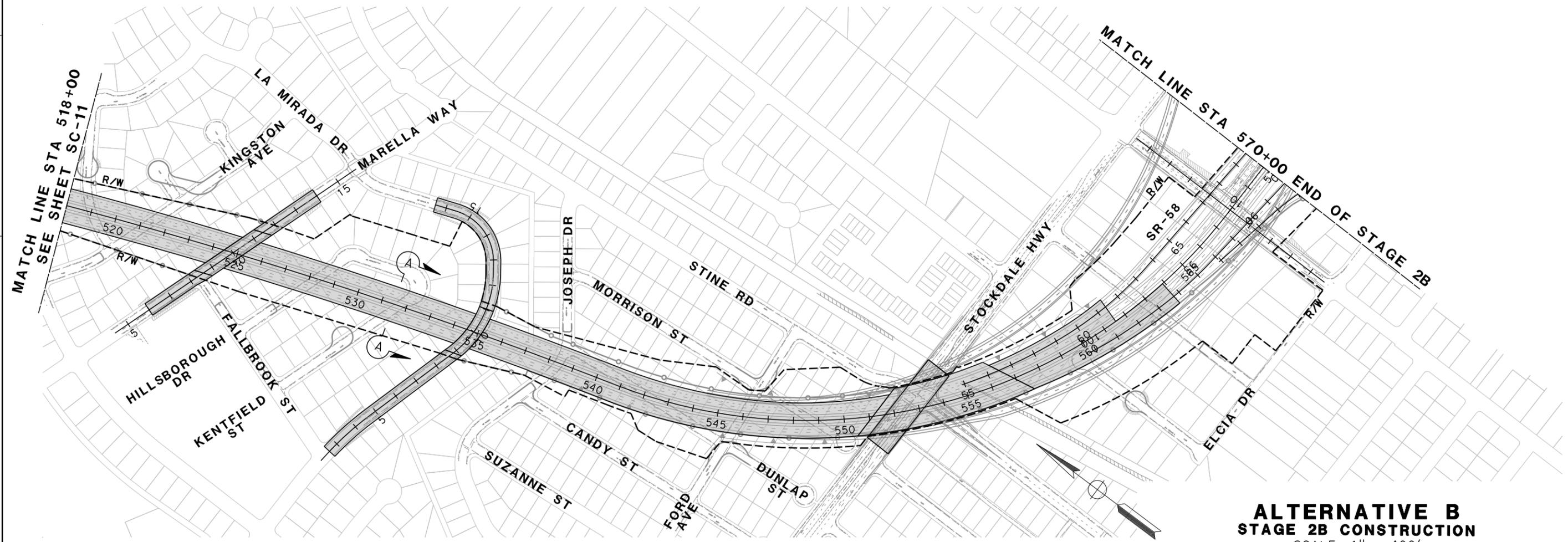
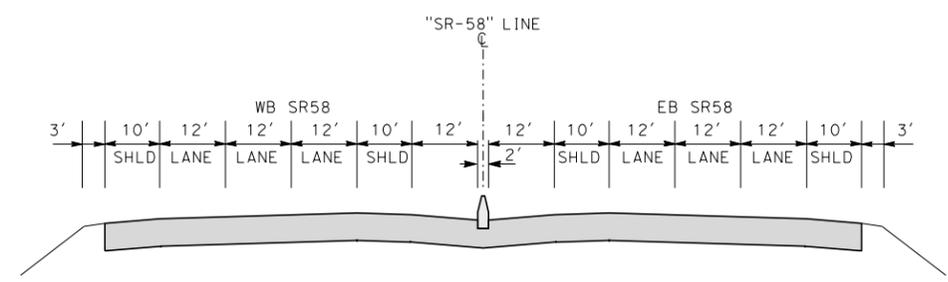
REGISTERED CIVIL ENGINEER DATE
 PLANS APPROVAL DATE
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101
 THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTON AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

DRAFT

- LEGEND**
- PROPOSED CONSTRUCTION
 - DETOUR CONSTRUCTION
 - REMOVAL
 - TRAFFIC FLOW



**ALTERNATIVE B
 STAGE 2B CONSTRUCTION**
 SCALE: 1" = 400'

SC-12

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTON AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT

CONSTRUCTION NOTES:

STAGE 3A

PART I
CONSTRUCT A DETOUR FOR REAL ROAD JUST WEST OF THE EXISTING ALIGNMENT FROM STOCKDALE HWY TO ELCIA DR.

PART II
SHIFT TRAFFIC TO THE DETOUR AND CONSTRUCT ALL OF THE NORTHBOUND LANES. THE SOUTHBOUND LANES SHOULD BE CONSTRUCTED UP TO A SAFE DISTANCE OF THE DETOUR.

PART III
SHIFT TRAFFIC TO THE NEWLY CONSTRUCTED NORTHBOUND LANES AND REMOVE THE DETOUR. COMPLETE CONSTRUCTION OF THE SOUTHBOUND LANES.

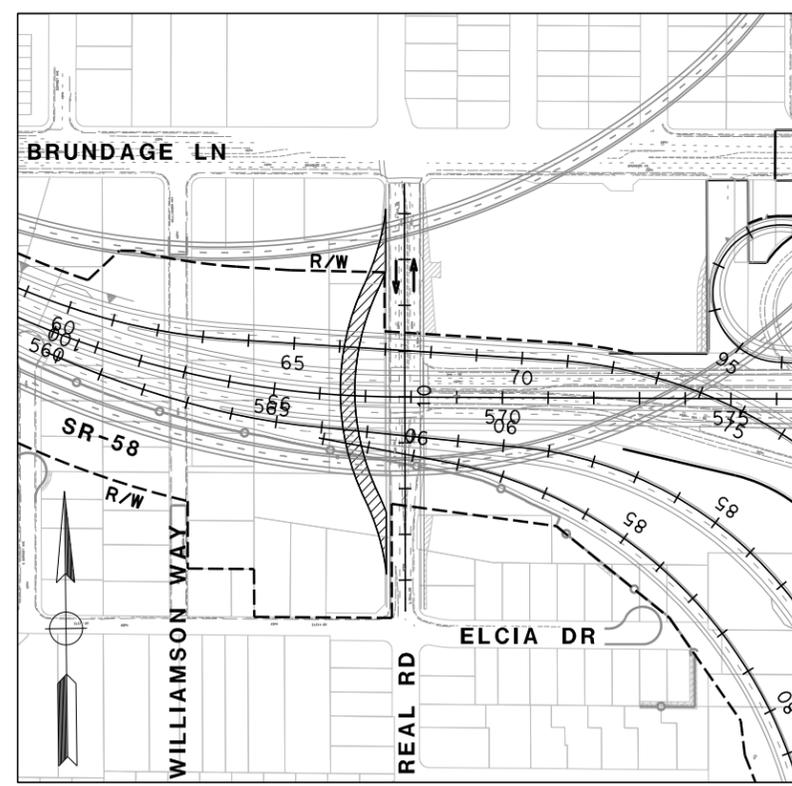
PART IV
REMOVE ALL DETOUR SIGNAGE AND LANE DELINEATION AND PREPARE BOTH DIRECTIONS TO RECEIVE PERMANENT TRAFFIC.

GENERAL NOTES:

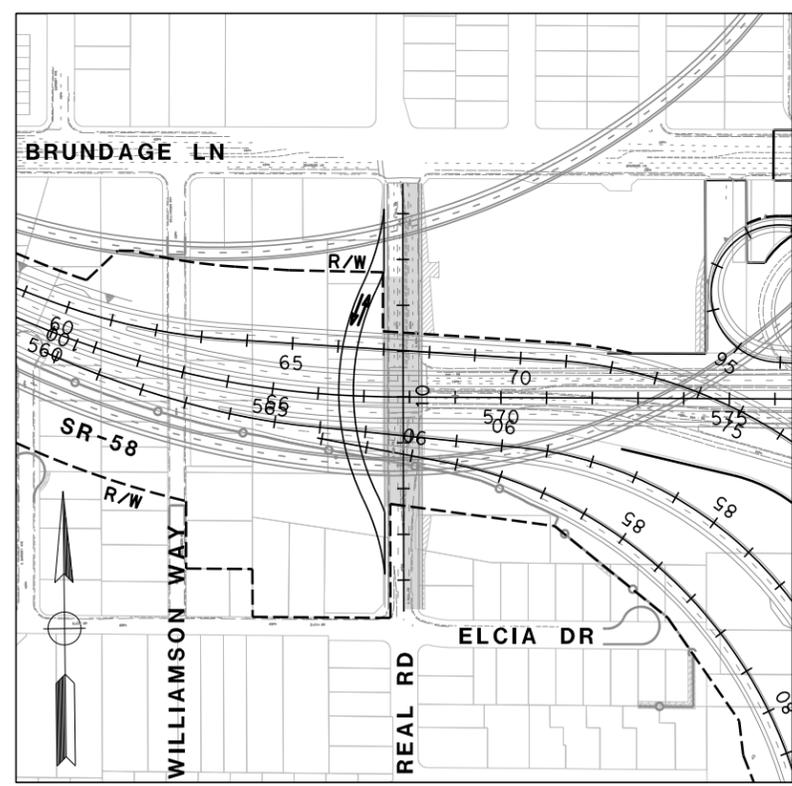
1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION

LEGEND

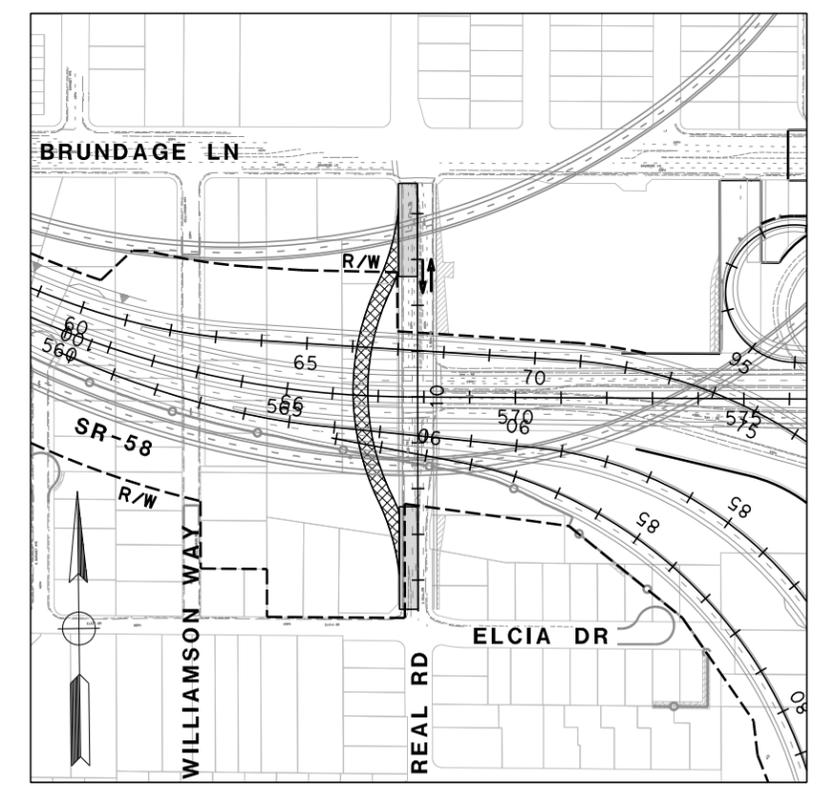
- PROPOSED CONSTRUCTION
- DETOUR CONSTRUCTION
- REMOVAL
- TRAFFIC FLOW



STAGE 3A PART I (REAL ROAD)



STAGE 3A PART II (REAL ROAD)

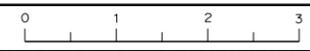


STAGE 3A PART III (REAL ROAD)

ALTERNATIVE B
STAGE 3A CONSTRUCTION
SCALE: 1" = 400'

SC-13

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGNED BY	REVISOR
Et Caltrans	CHECKED BY	DATE
CONSULTANT FUNCTIONAL SUPERVISOR	DESIGNED BY	REVISOR
CONSULTANT FUNCTIONAL SUPERVISOR	CHECKED BY	DATE



LAST REVISION DATE PLOTTED => 3/28/2012
03-23-12 TIME PLOTTED => 10:24:09 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
Caltrans		CHECKED BY	DATE

CONSTRUCTION NOTES:

STAGE 3B

PERMANENTLY RE-ROUTE THE REAL RD EB TRAFFIC TO THE MING AVE EXIT TO ACCESS SR-99 SB. LOCAL TRAFFIC WANTING TO ACCESS EB SR-58 CAN BE REROUTED THROUGH STOCKDALE HWY/BRUNDAGE LN TO H ST.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

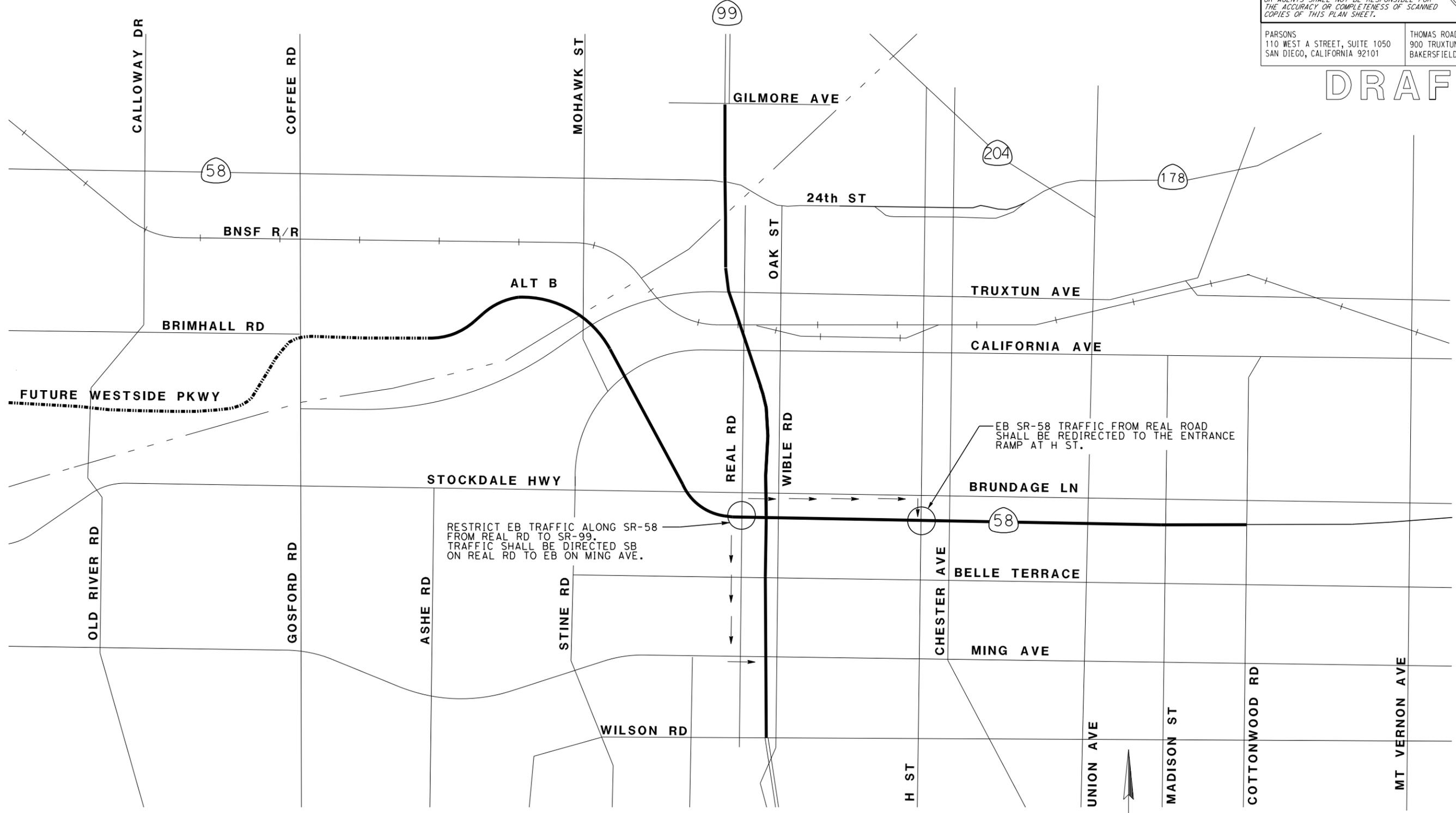
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT



RESTRICT EB TRAFFIC ALONG SR-58 FROM REAL RD TO SR-99. TRAFFIC SHALL BE DIRECTED SB ON REAL RD TO EB ON MING AVE.

EB SR-58 TRAFFIC FROM REAL ROAD SHALL BE REDIRECTED TO THE ENTRANCE RAMP AT H ST.

**ALTERNATIVE B
STAGE 3B DETOUR PLAN**

SC-14

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____
 PLANS APPROVAL DATE _____
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTON AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

DRAFT

CONSTRUCTION NOTES:

STAGE 3B

PART I

CONSTRUCT A CROSS-OVER DETOUR FOR THE WB SR-58 TRAFFIC TO SB SR-99/REAL RD TO BE RELOCATED TO THE EB LANES.

PART II

PERMANENTLY RE-ROUTE THE REAL RD EB TRAFFIC TO THE MING AVE EXIT TO ACCESS SR-99 SB. LOCAL TRAFFIC WANTING TO ACCESS EB SR-58 CAN BE REROUTED THROUGH STOCKDALE HWY TO H ST. SHIFT THE SR-58 WB TRAFFIC ONTO THE DETOUR. CONSTRUCT THE NORTHERN HALF OF THE GRADE SEPARATION STRUCTURE AT THE W-S CONNECTOR. WIDEN THE WB SR-58 SEPARATION STRUCTURE OVER SR-99.

PART III

SHIFT THE WB TRAFFIC BACK TO THE WB SR-58 LANES AND REMOVE THE DETOUR. CONSTRUCT THE SOUTHERN HALF OF THE GRADE SEPARATION STRUCTURE AT THE W-S CONNECTOR.

GENERAL NOTES:

1. THE CROSS SECTIONS REPRESENTED ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION

LEGEND

- PROPOSED CONSTRUCTION
- DETOUR CONSTRUCTION
- REMOVAL
- TRAFFIC FLOW



ALTERNATIVE B
STAGE 3B CONSTRUCTION
 SCALE: 1" = 400'

SC-15

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
Caltrans		CHECKED BY	DATE REVISED

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

CONSTRUCTION NOTES:

STAGE 3C
 CONSTRUCT THE E-S CONNECTOR AND SR-58 GRADE SEPARATIONS OVER S. REAL ROAD.
 COMPLETE SR-58 CONSTRUCTION UP TO THE GRADE SEPARATION AT SR-99.
 CONSTRUCT THE E-S CONNECTOR UP TO THE GORE OF THE W-S CONNECTOR.
 CONSTRUCT THE W-S CONNECTOR FROM THE GORE OF THE E-S CONNECTOR
 TO THE GORE OF SB SR-99.
 OPEN TRAFFIC TO THE NEWLY CONSTRUCTED SR-58.

GENERAL NOTES:

1. THE CROSS SECTIONS REPRESENTED ARE PROVIDED FOR CONSTRUCTION STAGING ONLY.
 FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM
 BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL
 EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE
 WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO
 CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

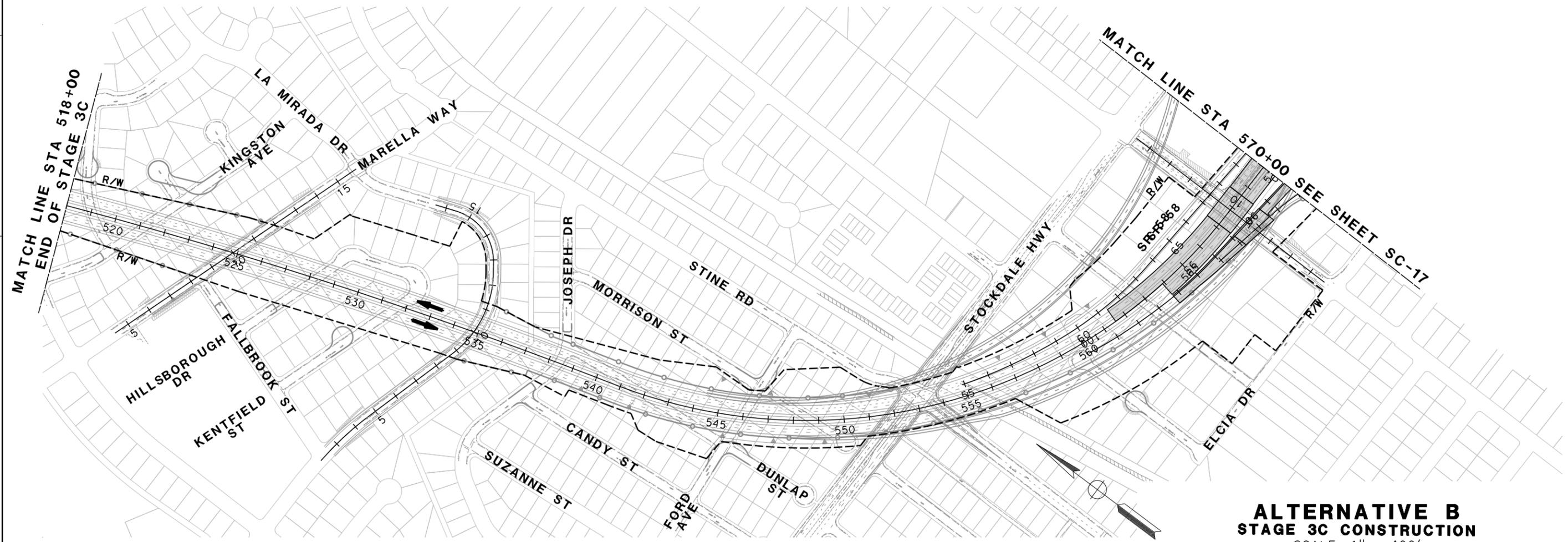
REGISTERED CIVIL ENGINEER DATE _____
 PLANS APPROVAL DATE _____
 THE STATE OF CALIFORNIA OR ITS OFFICERS
 OR AGENTS SHALL NOT BE RESPONSIBLE FOR
 THE ACCURACY OR COMPLETENESS OF SCANNED
 COPIES OF THIS PLAN SHEET.



PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTON AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE B
STAGE 3C CONSTRUCTION
 SCALE: 1" = 400'

SC-16

LAST REVISION DATE PLOTTED => 3/28/2012
 03-23-12 TIME PLOTTED => 10:25:18 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
Stantec		CHECKED BY	DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTON AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

LEGEND

- PROPOSED CONSTRUCTION
- DETOUR CONSTRUCTION
- REMOVAL
- TRAFFIC FLOW

DRAFT



ALTERNATIVE B
STAGE 3C CONSTRUCTION
SCALE: 1" = 400'

SC-17

LAST REVISION DATE PLOTTED => 3/28/2012 03-23-12 TIME PLOTTED => 10:25:53 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

CONSTRUCTION NOTES:

STAGE 3D

CONSTRUCT A PORTION OF THE N-W CONNECTOR FROM THE GORE OF WB SR-58 TO JUST EAST OF THE NB SR-99 OUTSIDE SHOULDER. THE CONSTRUCTION SHALL INCLUDE THE GRADE SEPARATION OVER SR-99 AND SR-58.

CONSTRUCT THE REMAINING PORTION OF THE COFFEE ROAD EB ENTRANCE AND WB EXIT RAMPS TO THE C-D ROAD UNDER WEEKEND CLOSURE.

GENERAL NOTES:

1. THE CROSS SECTIONS REPRESENTED ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

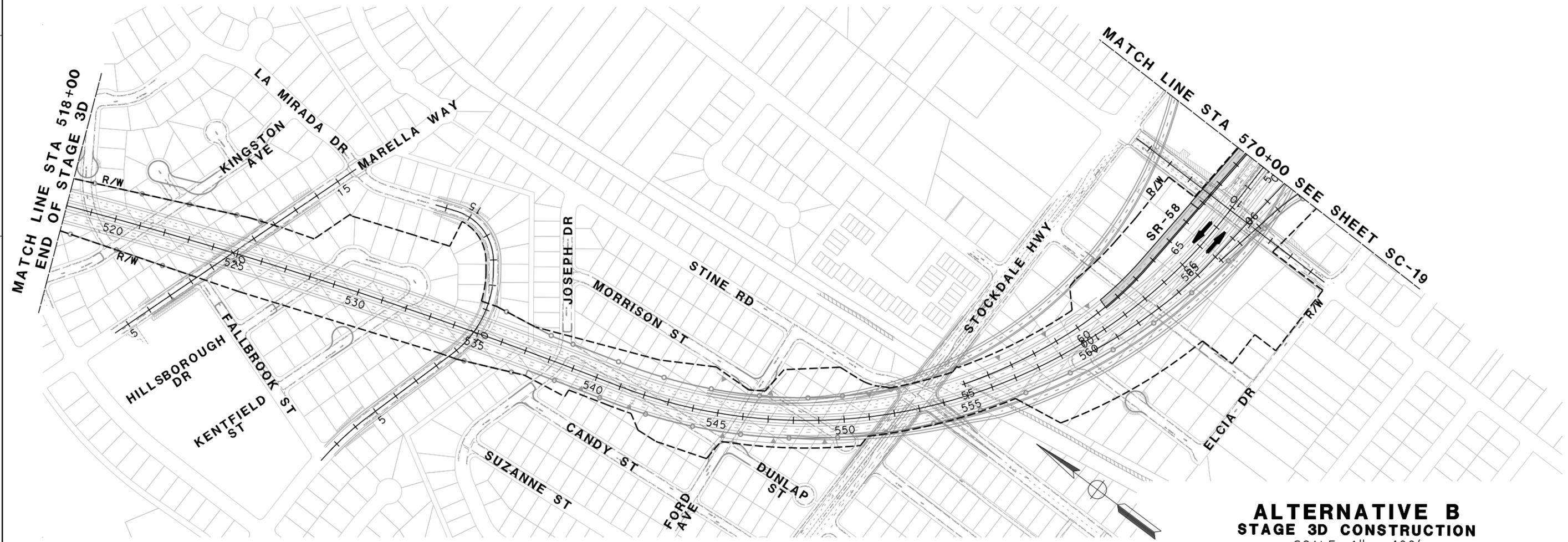
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTON AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE B
STAGE 3D CONSTRUCTION
 SCALE: 1" = 400'

SC-18

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
Caltrans		CHECKED BY	DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTON AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

LEGEND

- PROPOSED CONSTRUCTION
- DETOUR CONSTRUCTION
- REMOVAL
- TRAFFIC FLOW



DRAFT



ALTERNATIVE B
STAGE 3D CONSTRUCTION
SCALE: 1" = 400'

SC-19

LAST REVISION DATE PLOTTED => 3/28/2012
03-23-12 TIME PLOTTED => 10:27:01 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
Et Caltrans		CHECKED BY	DATE

CONSTRUCTION NOTES:

STAGE 4A

SHIFT BOTH DIRECTIONS OF SR-99 TRAFFIC TOWARD THE MEDIAN FROM JUST NORTH OF WILSON AVE TO JUST NORTH OF BRUNDAGE LANE.

STAGE 4B

ADVANCE WARNING NOTIFICATION AND SIGNAGE SHOULD BE ESTABLISHED FOR THE CONSTRUCTION OF THE BELLE TERRACE AVE GRADE SEPARATION OVER SR-99. DURING THE CONSTRUCTION OF THE BELLE TERRACE AVE SEPARATION AN ALTERNATIVE DETOUR CAN BE PROVIDED VIA WIBLE RD. (EAST) AND REAL RD. (WEST) TO BRUNDAGE LN/STOCKDALE HWY. SHIFT THE WB TRAFFIC TO THE SOUTHERN HALF OF THE BRIDGE, SECURE TEMPORARY BARRIERS ALONG THE RELOCATED WB TRAFFIC. PROTECT SR-99 FOR THE REMOVAL OF THE EXISTING STRUCTURE.

CONSTRUCT THE NORTH HALF OF THE BRIDGE. SHIFT THE TEMPORARY BARRIERS TO ALLOW FOR CONSTRUCTION OF THE SOUTHERN BRIDGE HALF. SHIFT THE TRAFFIC AND CONSTRUCT THE SOUTHERN HALF OF THE BRIDGE. REMOVE THE DETOUR AND REASSIGN TRAFFIC AS PROPOSED.

RELOCATE ALAMO ST. AT MONA WAY AND MAINTAIN LOCAL ACCESS.

GENERAL NOTES:

1. THE CROSS SECTIONS REPRESENTED ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTON AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE B
STAGE 4B CONSTRUCTION
SCALE: 1" = 400'

SC-20

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____
 PLANS APPROVAL DATE _____
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



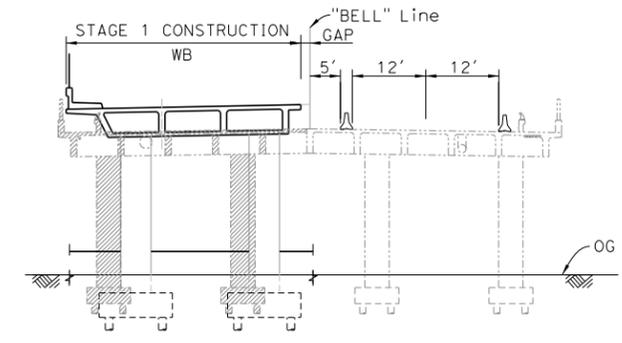
PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTON AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

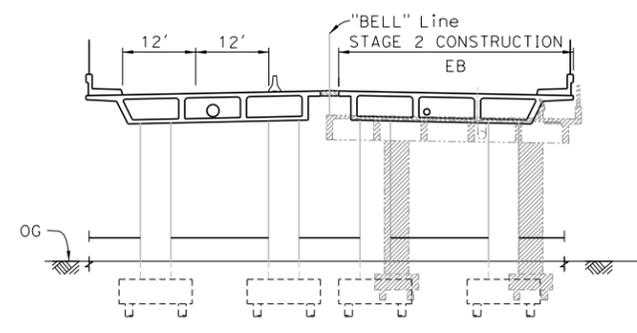
DRAFT

LEGEND

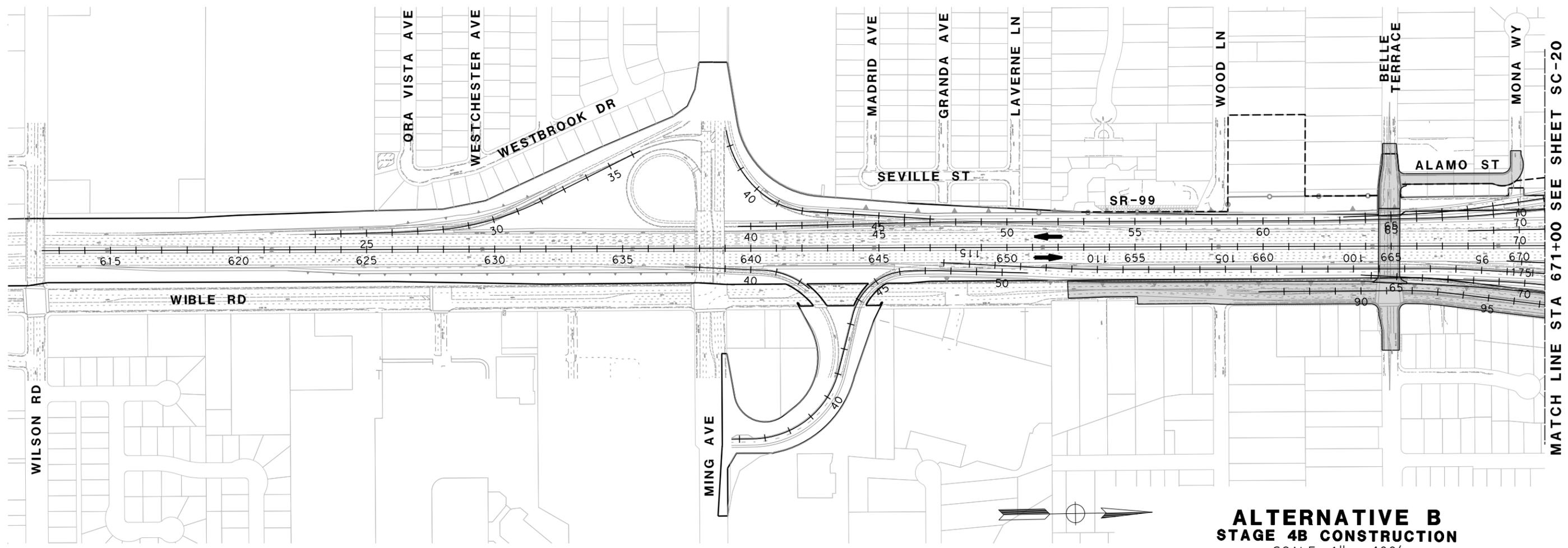
- PROPOSED CONSTRUCTION
- DETOUR CONSTRUCTION
- REMOVAL
- TRAFFIC FLOW



**TYPICAL SECTION
 STAGE 1 CONSTRUCTION**
 NOT TO SCALE



**TYPICAL SECTION
 STAGE 2 CONSTRUCTION**
 NOT TO SCALE



MATCH LINE STA 671+00 SEE SHEET SC-20

**ALTERNATIVE B
 STAGE 4B CONSTRUCTION**
 SCALE: 1" = 400'

SC-21

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Caltrans		CHECKED BY		

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

CONSTRUCTION NOTES:

STAGE 4C

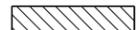
PART I
 CONSTRUCT THE MING AVE CONNECTOR EXIT RAMP, THE SB MING AVE C-D ROAD, THE LOOP PORTION OF THE W-S CONNECTOR AND THE SR-99 SB AUXILIARY LANE AND WIDENING.

CONSTRUCT AN ENTRANCE RAMP DETOUR TO THE EAST OF THE EXISTING MING AVE SB ENTRANCE RAMP AND SHIFT TRAFFIC ONTO THE DETOUR. CONSTRUCT THE PROPOSED SB ENTRANCE RAMP. RELOCATE TRAFFIC TO THE PROPOSED RAMP AND REMOVE THE DETOUR.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

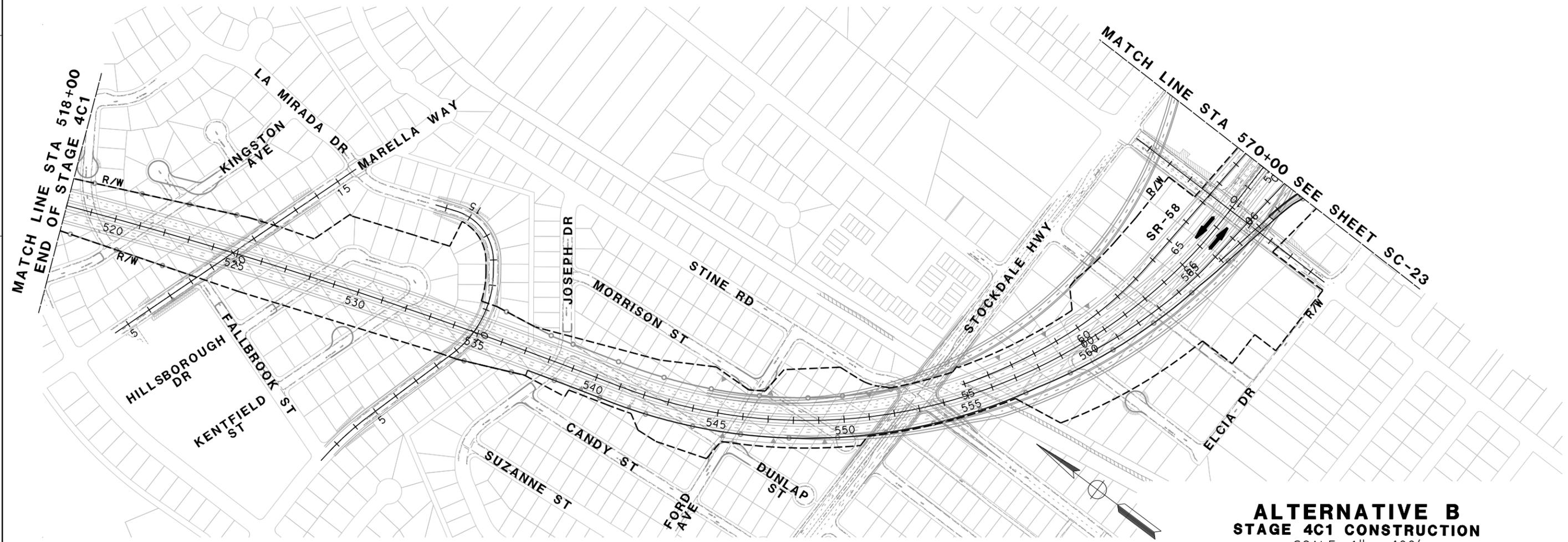
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTON AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE B
STAGE 4C1 CONSTRUCTION
 SCALE: 1" = 400'

SC-22

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
St. Cattrans
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____
 PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTON AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW



DRAFT



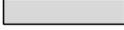
ALTERNATIVE B
STAGE 4C1 CONSTRUCTION
 SCALE: 1" = 400'
SC-23

LAST REVISION DATE PLOTTED => 3/28/2012
 03-23-12 TIME PLOTTED => 10:29:22 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Caltrans		CHECKED BY	DESIGNED BY	REVISION

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

REGISTERED CIVIL ENGINEER DATE _____

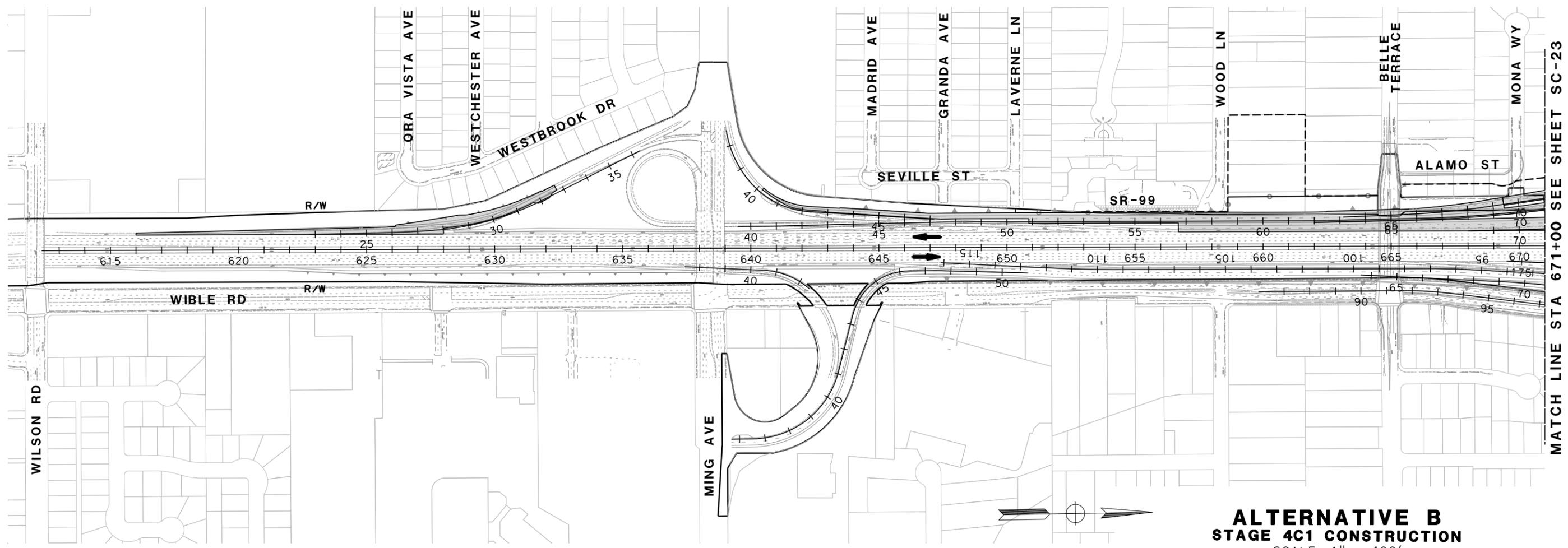
PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTON AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT



MATCH LINE STA 671+00 SEE SHEET SC-23

ALTERNATIVE B
STAGE 4C1 CONSTRUCTION
SCALE: 1" = 400'

SC-24

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Caltrans		CHECKED BY		

CONSTRUCTION NOTES:

STAGE 4C

PART II

CLOSE THE EXISTING MING AVE SB EXIT RAMP AND DETOUR TRAFFIC TO THE SB MING AVE C-D ROAD. CONSTRUCT THE REMAINDER OF THE SB MING AVE C-D ROAD. CONSTRUCT THE REMAINDER OF THE SB SR-99 AUXILIARY LANES AND WIDENING.

COMPLETE CONSTRUCTION OF THE SB MING RD EXIT UNDER NIGHT TIME OPERATIONS.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

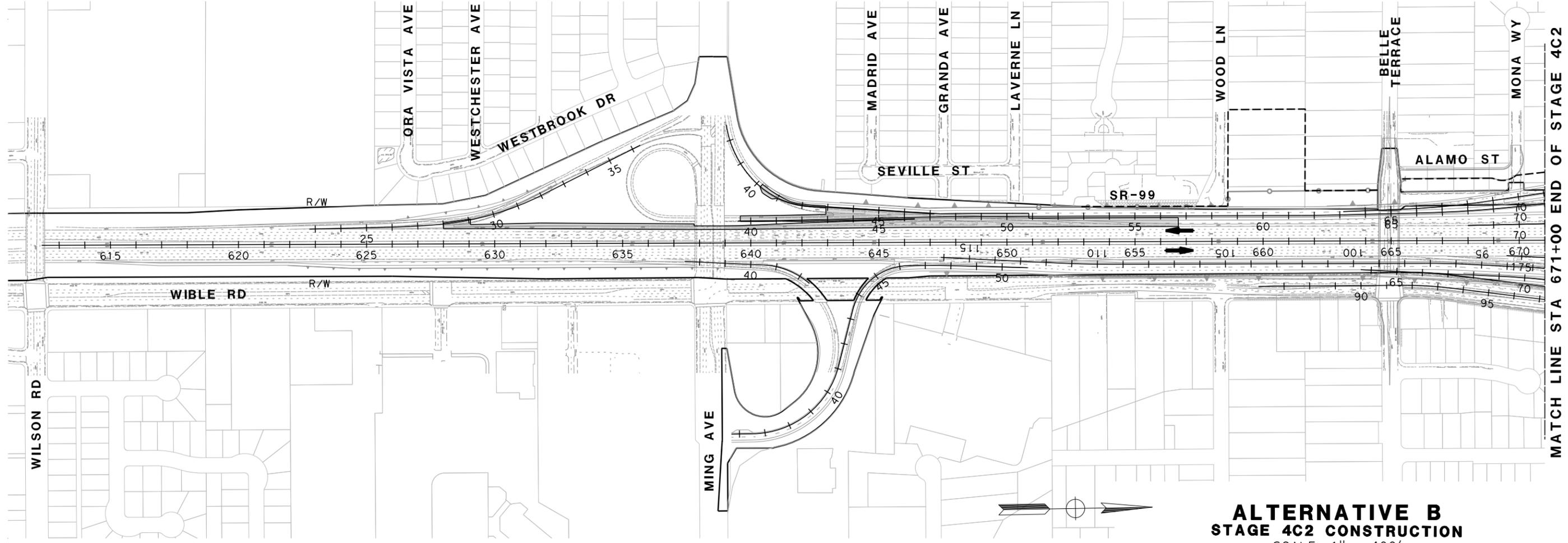
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTON AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE B
STAGE 4C2 CONSTRUCTION
SCALE: 1" = 400'

SC-25

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR BY
Caltrans		CHECKED BY	DATE REVISED

CONSTRUCTION NOTES:

STAGE 5A
 PART I
 PERMANENTLY CLOSE THE SR-99 NB EXIT RAMP TO WIBLE ROAD. PLACE ADVANCE NOTICE OF THE CLOSURE AT THE MING AVE EXIT.
 CONSTRUCT THE NB SR-99 AUXILIARY LANES AND RETAINING WALLS. CONSTRUCT THE N-E CONNECTOR AND A TEMPORARY TIE IN TO THE EXISTING ALIGNMENT PRIOR TO THE MERGE OF THE S-E CONNECTOR. CONSTRUCT THE NB MING AVE C-D ROAD UP TO THE PROPOSED BRIDGE.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

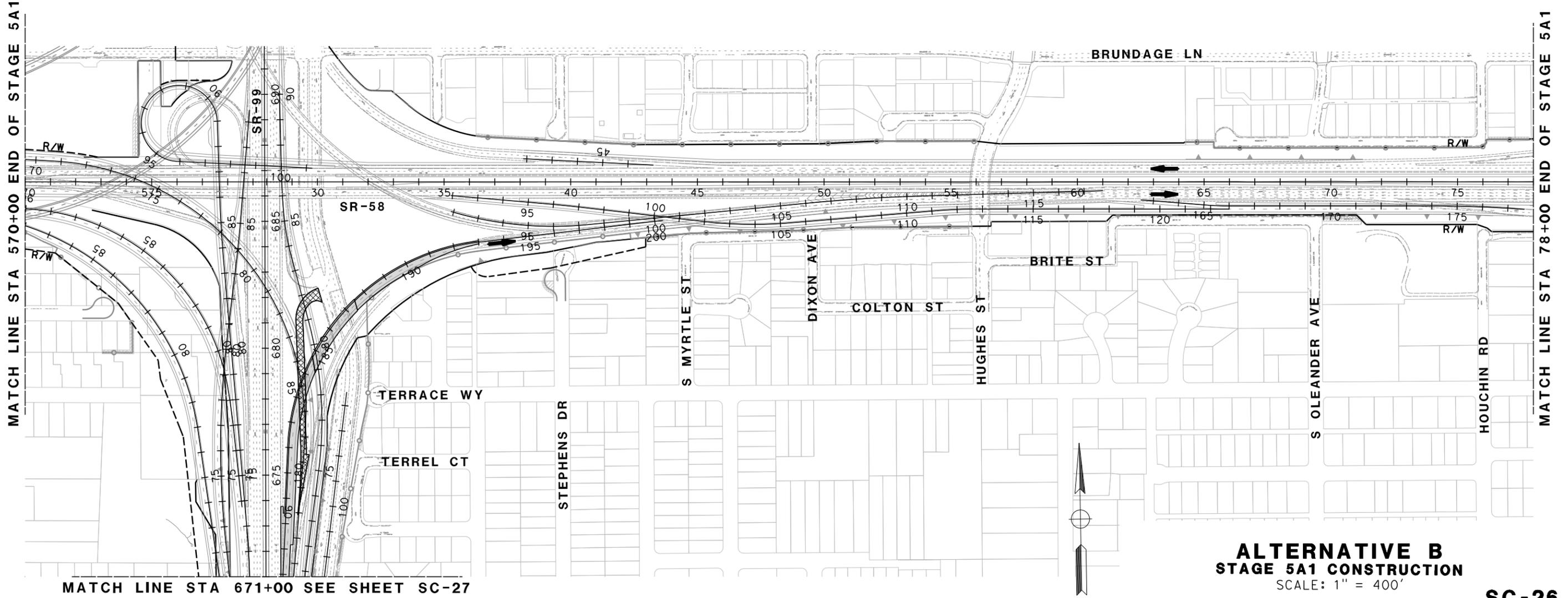
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTON AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301



DRAFT



ALTERNATIVE B
STAGE 5A1 CONSTRUCTION
 SCALE: 1" = 400'

SC-26

LAST REVISION DATE PLOTTED => 3/28/2012
 03-23-12 TIME PLOTTED => 10:31:04 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Caltrans		CHECKED BY	DESIGNED BY	REVISION

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

REGISTERED CIVIL ENGINEER DATE _____

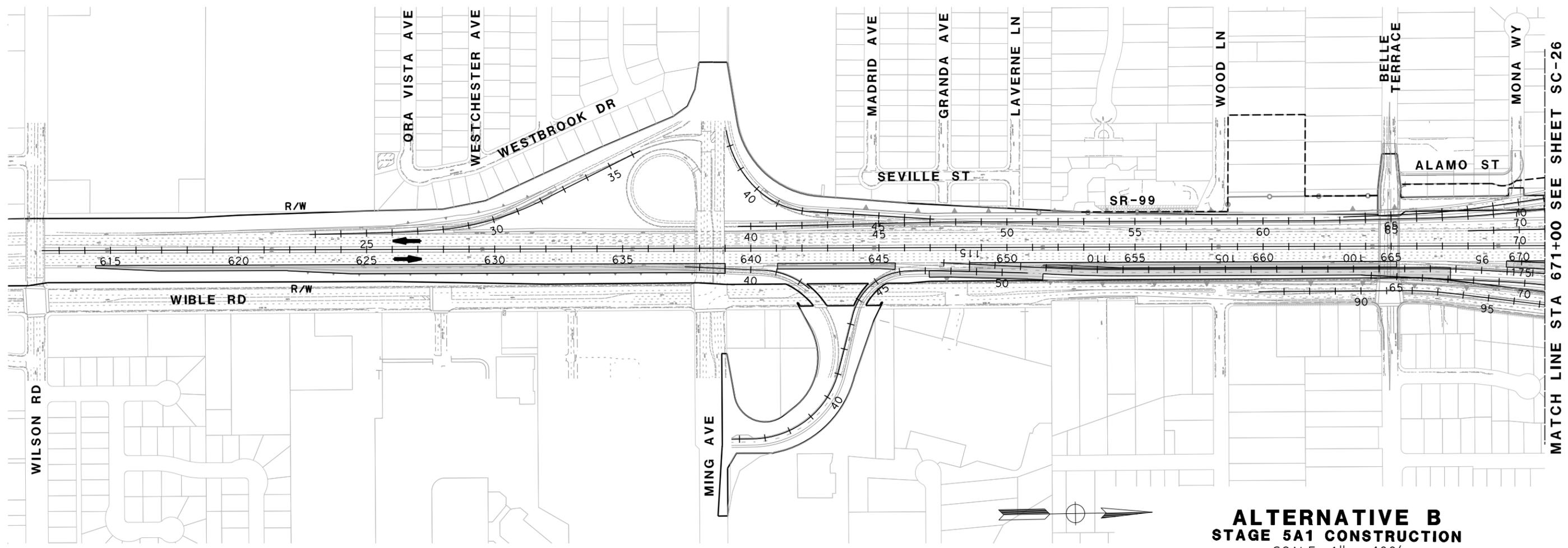
PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTON AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT



MATCH LINE STA 671+00 SEE SHEET SC-26

ALTERNATIVE B
STAGE 5A1 CONSTRUCTION
SCALE: 1" = 400'

SC-27

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Caltrans		CHECKED BY	DESIGNED BY	DATE

CONSTRUCTION NOTES:

STAGE 5A
PART II

CONSTRUCT THE NB SR-99 ENTRANCE AND EXIT TO MING AVE UNDER NIGHT TIME OR WEEKEND CLOSURES. THE MING AVE EXIT RAMP TRAFFIC CAN BE REROUTED TO THE N-E CONNECTOR NORTH OF MING AVE. THE MING AVE ENTRANCE RAMP TRAFFIC CAN BE DETOURED THROUGH WIBLE RD TO THE WIBLE RD ENTRANCE RAMP.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

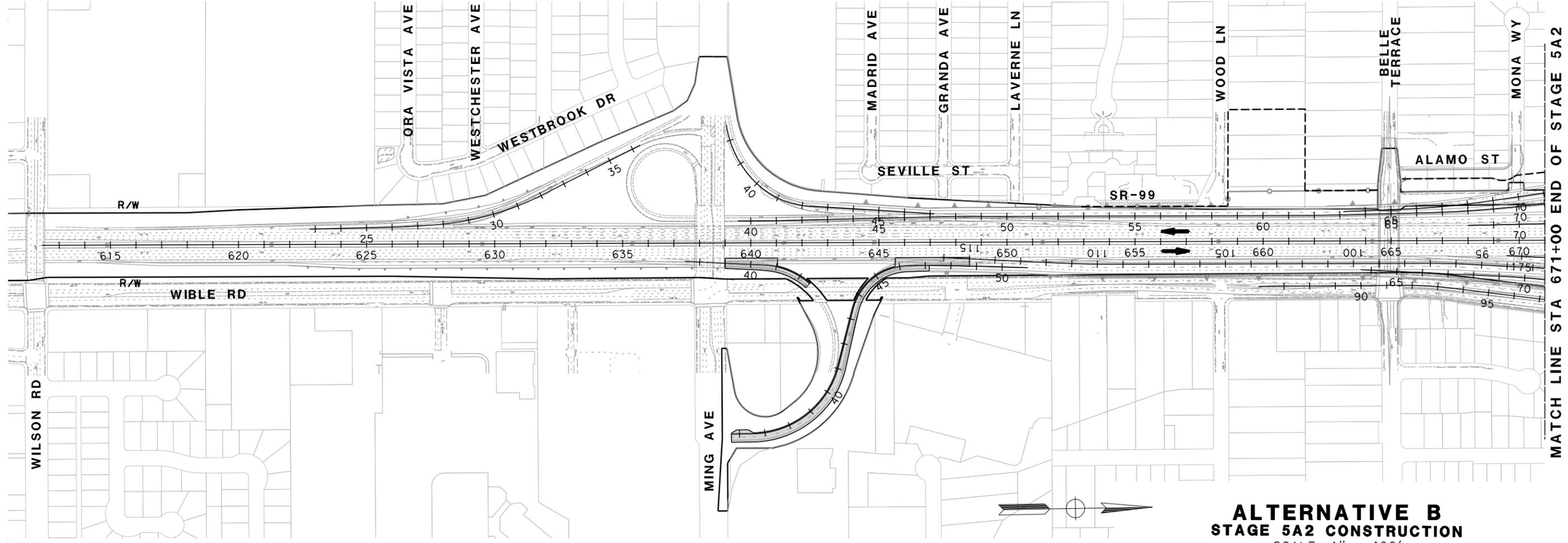
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTON AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301



DRAFT



ALTERNATIVE B
STAGE 5A2 CONSTRUCTION
SCALE: 1" = 400'

SC-29

LAST REVISION DATE PLOTTED => 3/28/2012
03-23-12 TIME PLOTTED => 10:32:10 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

CONSTRUCTION NOTES:

STAGE 5B
 SHIFT TRAFFIC TO THE NEW N-E ALIGNMENT.
 REMOVE THE EXISTING WIBLE ROAD CONNECTOR, INCLUDING THE BRIDGE. REMOVE THE OLD N-E CONNECTOR UP TO THE TIE-IN. CONTINUE CONSTRUCTION OF THE N-W CONNECTOR UP TO SR-99.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

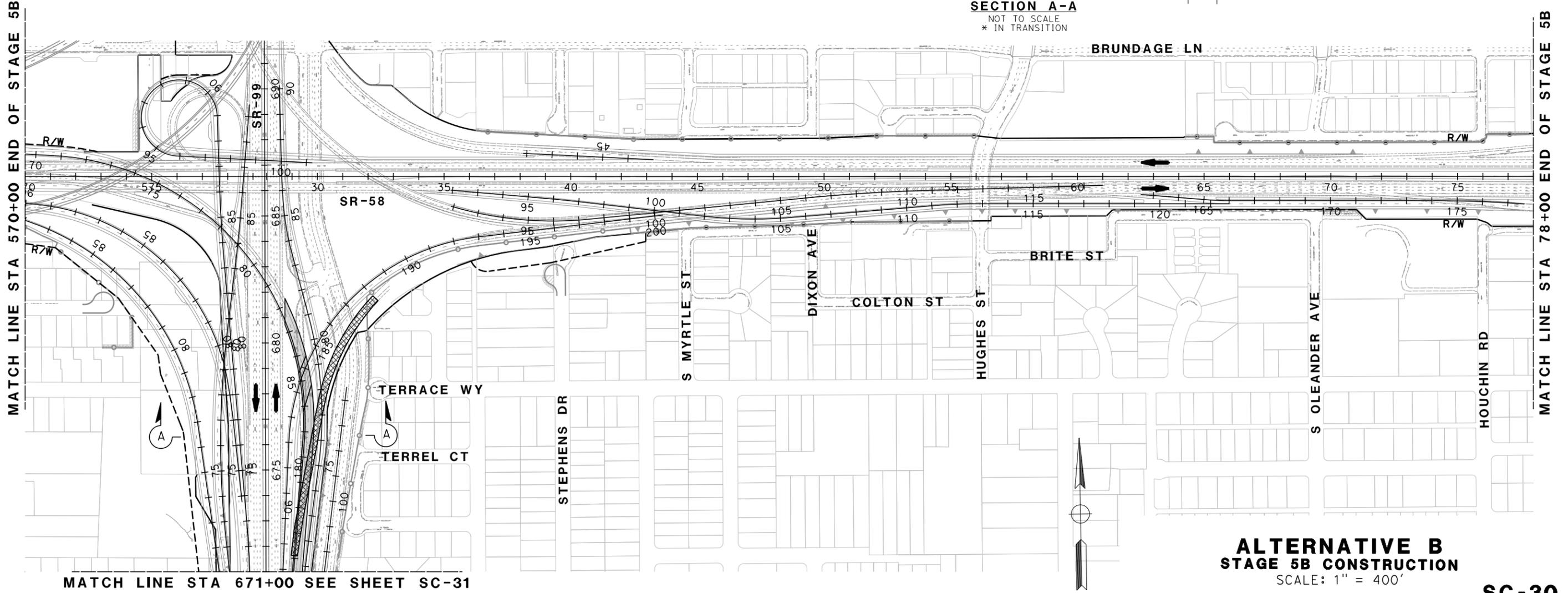
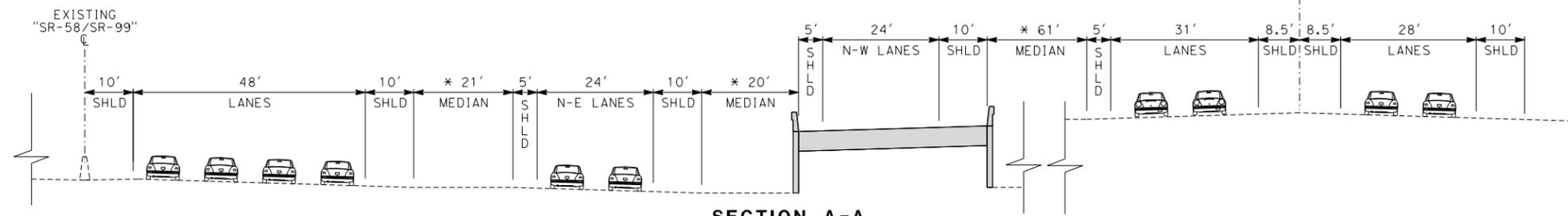
LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____
 PLANS APPROVAL DATE _____
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.
 PARSONS 110 WEST A STREET, SUITE 1050 SAN DIEGO, CALIFORNIA 92101
 THOMAS ROAD IMPROVEMENT PROGRAM 900 TRUXTON AVENUE, SUITE 200 BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE B
STAGE 5B CONSTRUCTION
 SCALE: 1" = 400'

SC-30

LAST REVISION DATE PLOTTED => 3/28/2012 03-23-12 TIME PLOTTED => 10:32:46 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Stantec		CHECKED BY	DESIGNED BY	DATE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

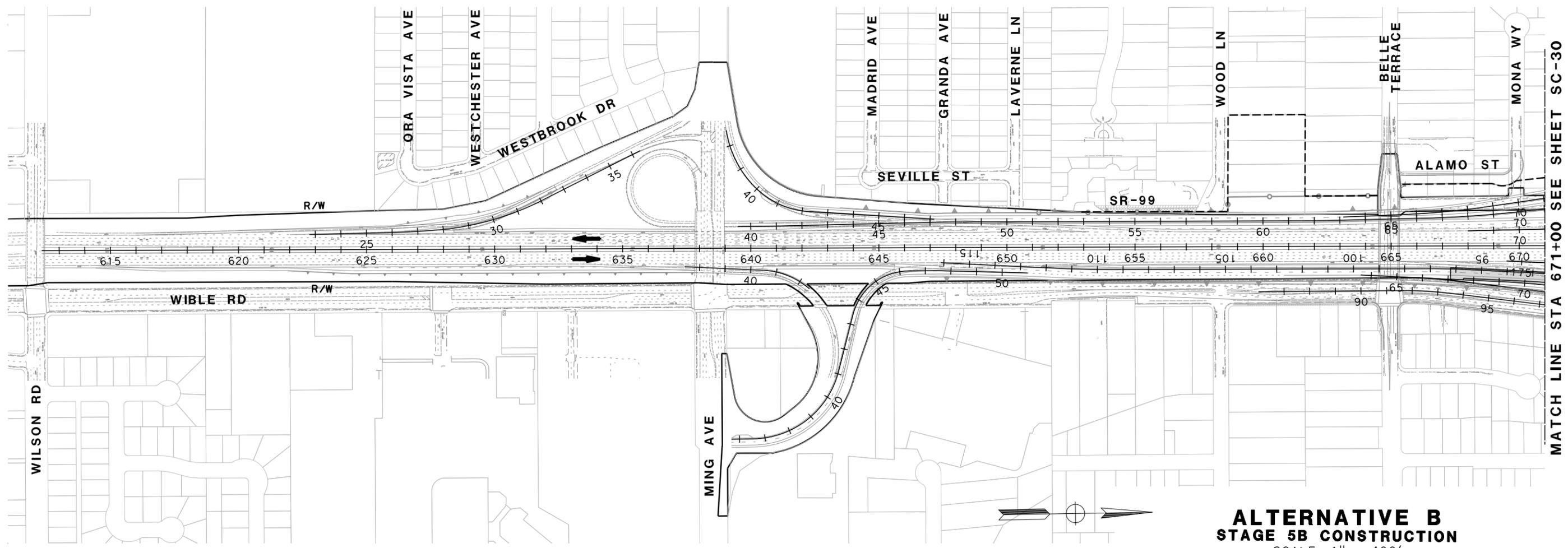
PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTON AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

LEGEND

- PROPOSED CONSTRUCTION
- DETOUR CONSTRUCTION
- REMOVAL
- TRAFFIC FLOW

DRAFT



MATCH LINE STA 671+00 SEE SHEET SC-30

ALTERNATIVE B
STAGE 5B CONSTRUCTION
SCALE: 1" = 400'

SC-31

LAST REVISION DATE PLOTTED => 3/28/2012
03-23-12 TIME PLOTTED => 10:33:19 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
Caltrans		CHECKED BY	DATE

CONSTRUCTION NOTES:

STAGE 5C
 REMOVE THE SR-99 NB ENTRANCE RAMP FROM WIBLE ROAD. DIRECT TRAFFIC TO THE ENTRANCE AT CALIFORNIA AVE.
 CONSTRUCT THE NB ENTRANCE RAMP FROM THE MING AVE C-D.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

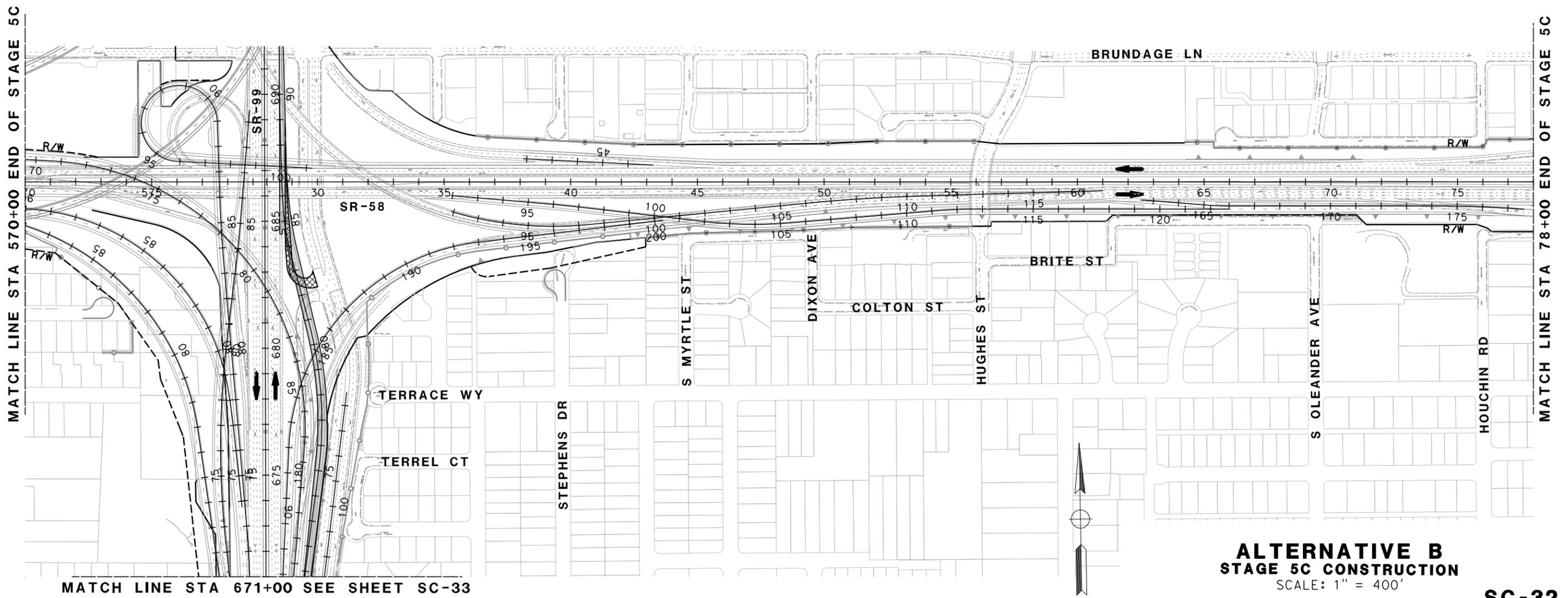
PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTON AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE B
STAGE 5C CONSTRUCTION
 SCALE: 1" = 400'

SC-32

LAST REVISION DATE PLOTTED => 3/28/2012 03-23-12 TIME PLOTTED => 10:33:54 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Stantec		CHECKED BY	DESIGNED BY	DATE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

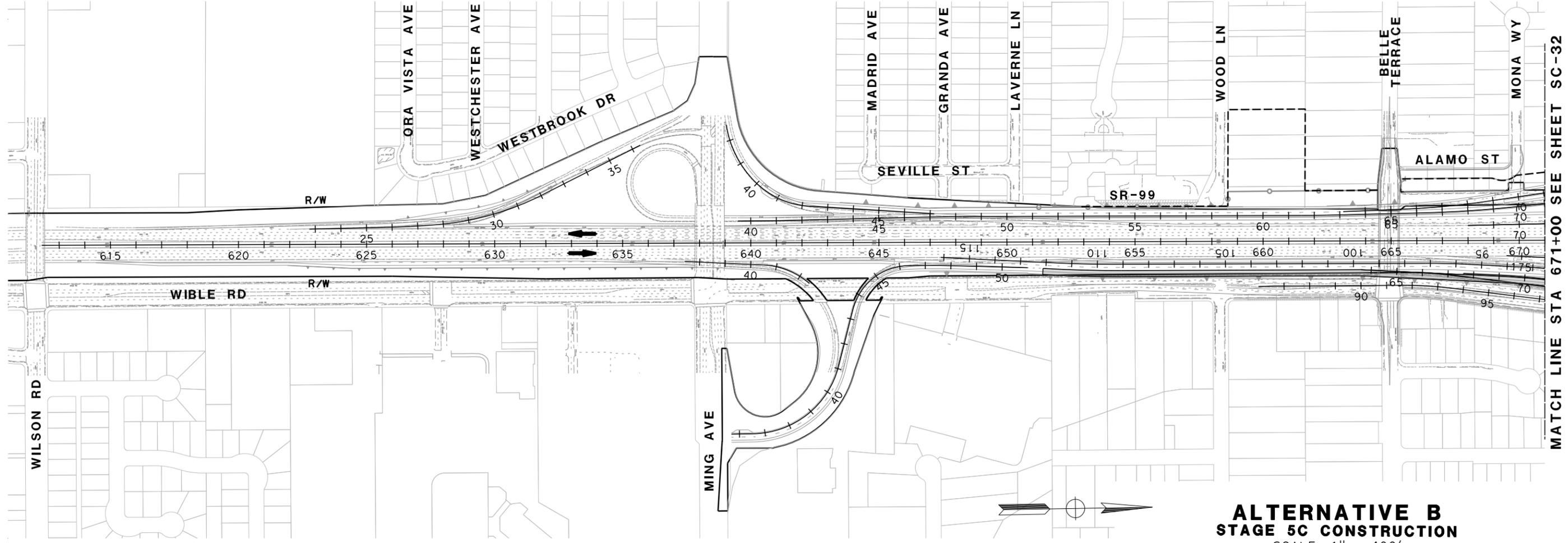
PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTON AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

LEGEND

- PROPOSED CONSTRUCTION
- DETOUR CONSTRUCTION
- REMOVAL
- TRAFFIC FLOW

DRAFT



ALTERNATIVE B
STAGE 5C CONSTRUCTION
SCALE: 1" = 400'

SC-33

LAST REVISION DATE PLOTTED => 3/28/2012
03-23-12 TIME PLOTTED => 10:34:29 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

CONSTRUCTION NOTES:

STAGE 6A

CONSTRUCT ALL SOUNDWALLS NORTH AND SOUTH OF SR-58 EAST OF SR-99, EXCEPT THOSE BETWEEN CHESTER AVE AND UNION AVE.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

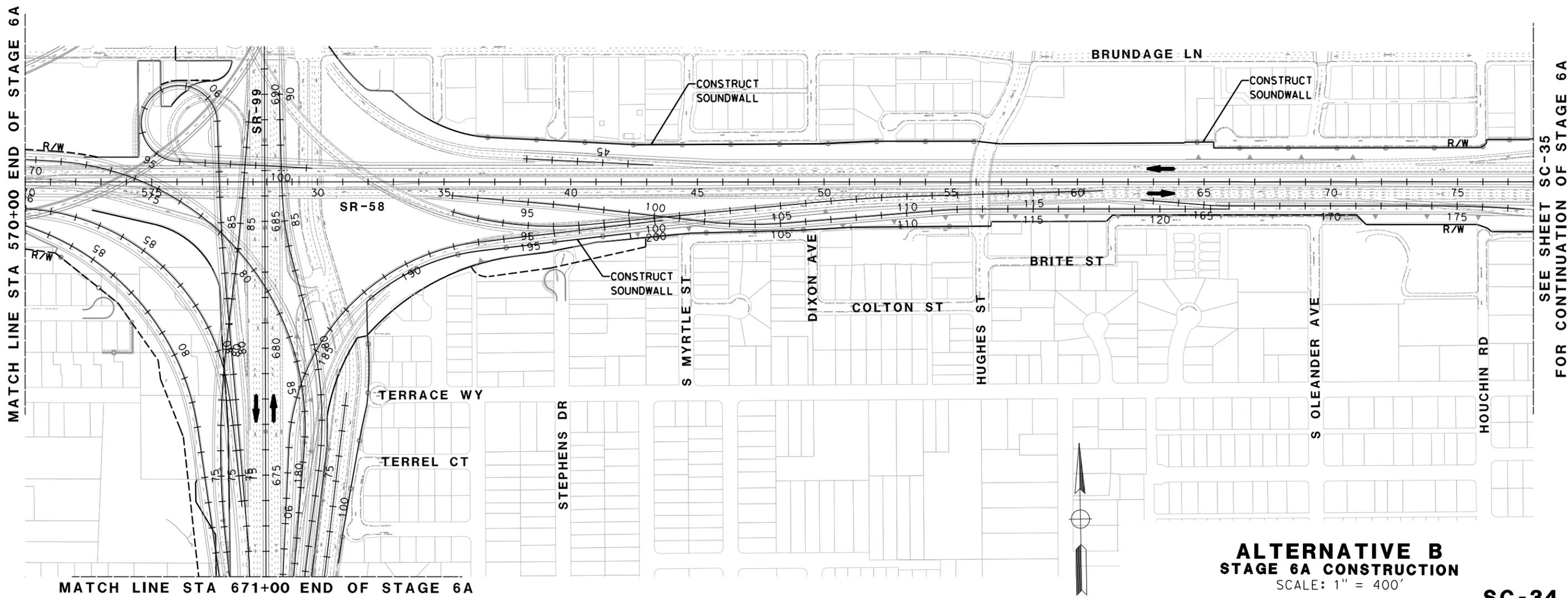
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTON AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301



DRAFT



MATCH LINE STA 570+00 END OF STAGE 6A

MATCH LINE STA 671+00 END OF STAGE 6A

SEE SHEET SC-35 FOR CONTINUATION OF STAGE 6A

ALTERNATIVE B
STAGE 6A CONSTRUCTION
 SCALE: 1" = 400'

SC-34

LAST REVISION DATE PLOTTED => 3/28/2012 03-23-12 TIME PLOTTED => 10:35:03 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED/DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

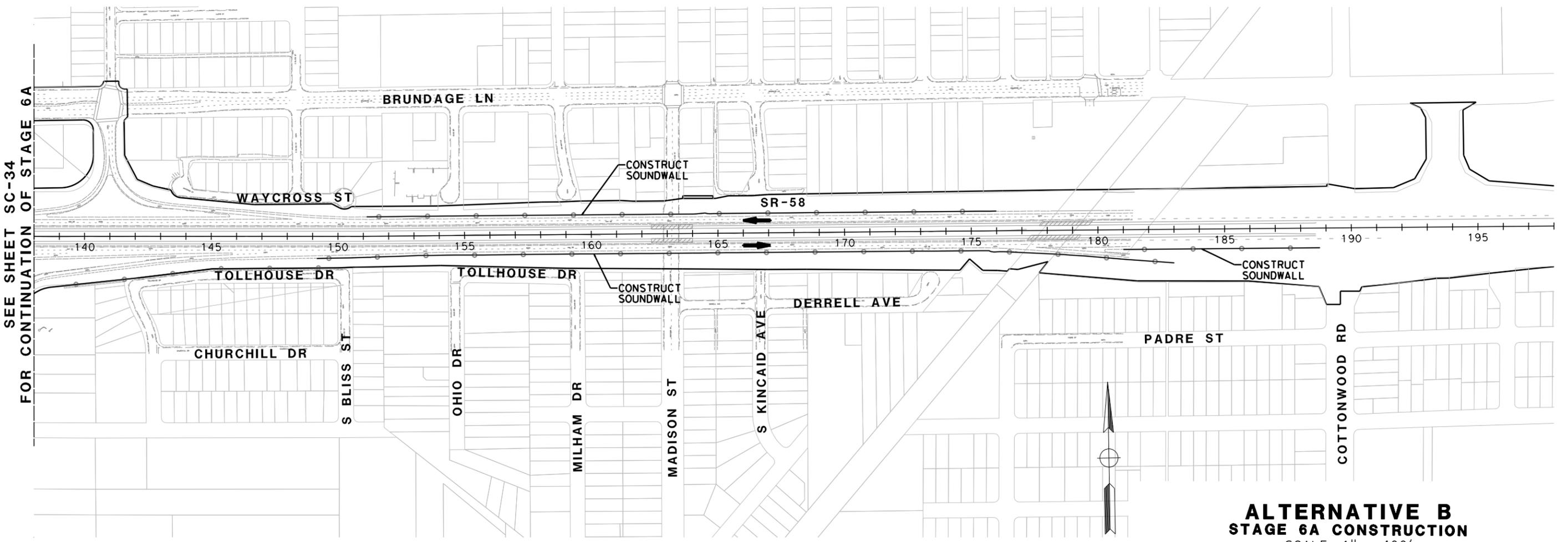
PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT



SEE SHEET SC-34 FOR CONTINUATION OF STAGE 6A

ALTERNATIVE B
STAGE 6A CONSTRUCTION
 SCALE: 1" = 400'

SC-35

LAST REVISION DATE PLOTTED => 3/28/2012 03-23-12 TIME PLOTTED => 10:35:36 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
Et-Caltans		CHECKED BY	DATE REVISED

CONSTRUCTION NOTES:

STAGE 6B
 CONSTRUCT THE INSIDE MEDIAN WIDENING OF SR-58 FROM JUST EAST OF SR-99 TO JUST EAST OF CHESTER AVE.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

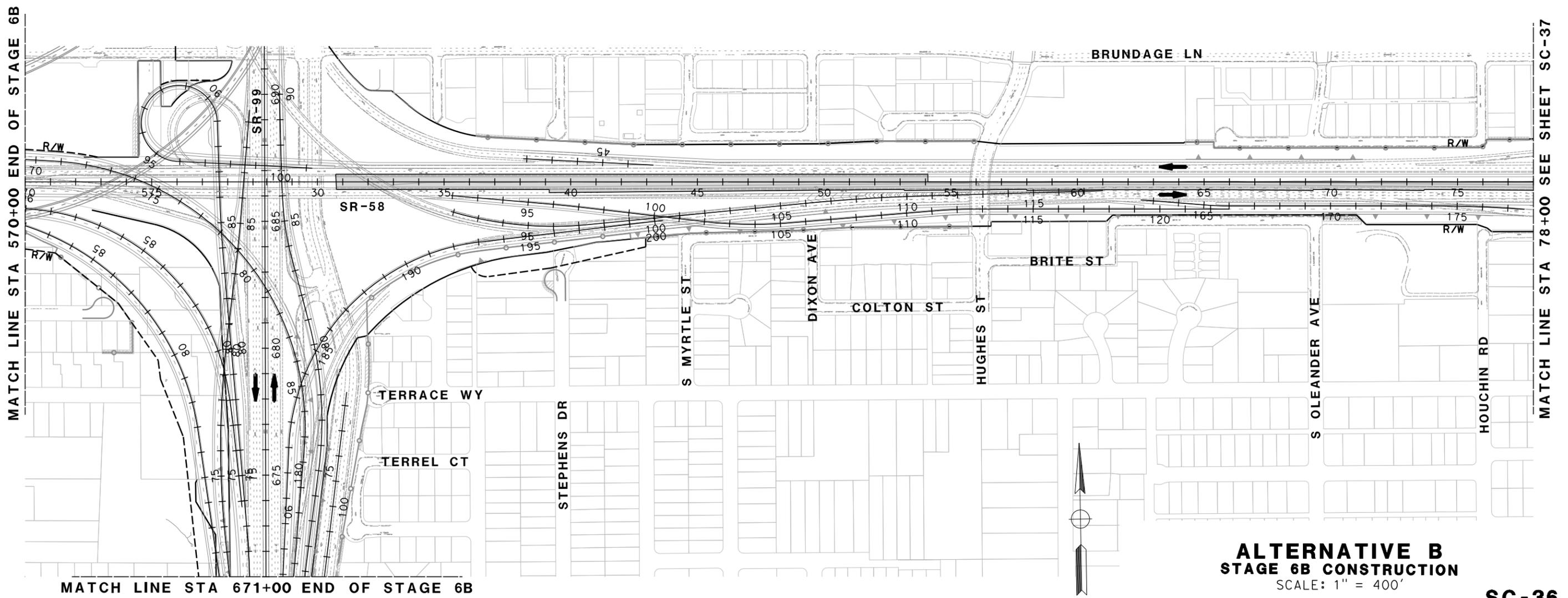
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTON AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301



DRAFT

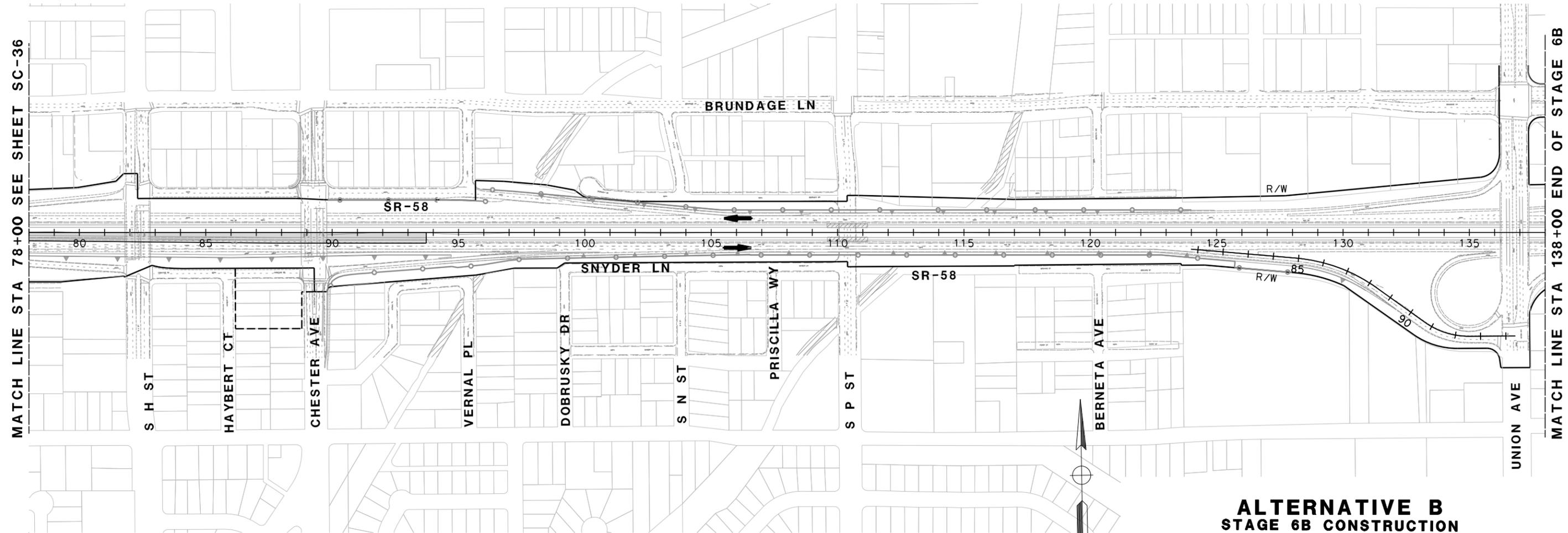


ALTERNATIVE B
STAGE 6B CONSTRUCTION
 SCALE: 1" = 400'

SC-36

LAST REVISION DATE PLOTTED => 3/28/2012
 03-23-12 TIME PLOTTED => 10:36:10 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Stantec		CHECKED BY	DESIGNED BY	REVISION



LEGEND

- PROPOSED CONSTRUCTION
- DETOUR CONSTRUCTION
- REMOVAL
- TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT

MATCH LINE STA 78+00 SEE SHEET SC-36

MATCH LINE STA 138+00 END OF STAGE 6B

ALTERNATIVE B
STAGE 6B CONSTRUCTION
SCALE: 1" = 400'

SC-37

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

CONSTRUCTION NOTES:

STAGE 6C

PART I

CLOSE AND REMOVE THE EB H ST EXIT RAMP. DELAY WIDENING OF EB UNION AVE EXIT. DETOUR TRAFFIC TO THE UNION AVE EXIT RAMP. DETOURED TRAFFIC TRAVELING NORTH WILL BE DIRECTED THROUGH UNION AVE TO BRUNDAGE LANE AND BACK TO H ST. DETOURED TRAFFIC TRAVELING SOUTH WILL BE DIRECTED THROUGH S. UNION AVE. TO BELLE TERRACE AND BACK TO S. H ST. COMPLETE THE CONSTRUCTION OF THE H ST C-D ROAD AND SR-58 EXIT TO H ST. REOPEN THE EB EXIT TO H ST.

PART II

CLOSE AND WIDEN THE EB UNION AVE EXIT. PLACE ADVANCE WARNING SIGNS PRIOR TO THE H ST EXIT AND AT THE LOCAL ROADS. TRAFFIC SHOULD BE DETOURED IN REVERSE ORDER OF THE H ST EXIT RAMP CLOSURE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____
 PLANS APPROVAL DATE _____
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTUN AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

DRAFT



**ALTERNATIVE B
 STAGE 6C DETOUR PLAN**

SC-38

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISOR BY
 DATE REVISED

CONSTRUCTION NOTES:

STAGE 6C

PART I
 SHIFT SR-58 TRAFFIC (BOTH SIDES) INTO THE NEWLY WIDENED MEDIAN. CONSTRUCT THE OUTSIDE WIDENING OF SR-58 (BOTH SIDES) EAST OF SR-99. WIDEN THE OUTSIDE OF THE S. P ST BRIDGE (NORTH AND SOUTH). CONSTRUCT THE RETAINING WALLS AND REMAINING SOUND WALLS BETWEEN CHESTER AVE AND UNION AVE (EXCLUDING THE WALL AT THE EB UNION AVE EXIT RAMP).

CLOSE AND REMOVE THE EB H ST EXIT RAMP. DELAY WIDENING OF EB UNION AVE EXIT RAMP TO REDUCE ADDITIONAL DELAY THAT MAY BE CAUSED BY THE H ST EXIT CLOSURE. DETOUR TRAFFIC TO THE UNION AVE EXIT RAMP. DETOURED TRAFFIC TRAVELING NORTH WILL BE DIRECTED THROUGH UNION AVE TO BRUNDAGE LANE AND BACK TO H ST. DETOURED TRAFFIC TRAVELING SOUTH WILL BE DIRECTED THROUGH S. UNION AVE TO BELLE TERRACE AND BACK TO S. H ST.

COMPLETE THE CONSTRUCTION OF THE H ST C-D ROAD AND SR-58 EXIT TO H ST. REOPEN THE EB EXIT TO H ST.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTON AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE B
STAGE 6C1 CONSTRUCTION
 SCALE: 1" = 400'

SC-39

LAST REVISION DATE PLOTTED => 3/28/2012 03-23-12 TIME PLOTTED => 10:37:55 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

REGISTERED CIVIL ENGINEER DATE _____

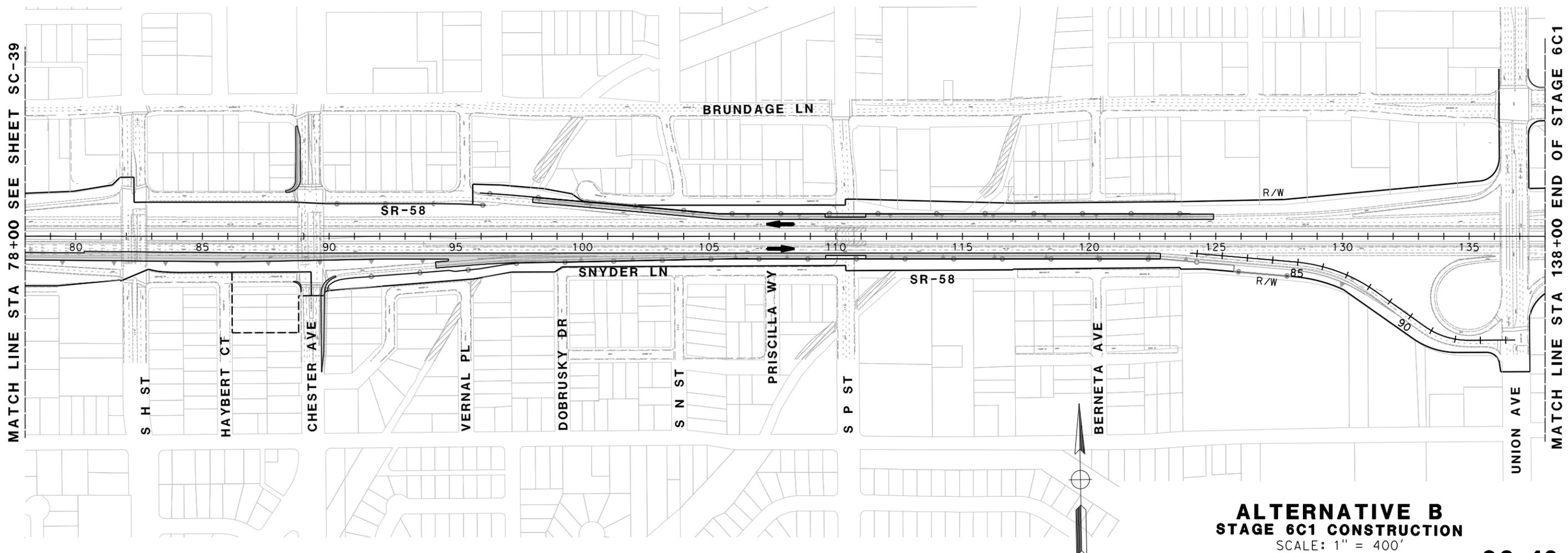
PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE B
STAGE 6C1 CONSTRUCTION
 SCALE: 1" = 400'
SC-40

LAST REVISION DATE PLOTTED => 3/28/2012
 03-23-12 TIME PLOTTED => 10:36:28 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
Et- Caltrans		CHECKED BY	DATE REVISED

CONSTRUCTION NOTES:

STAGE 6C

PART II
CLOSE AND WIDEN THE EB UNION AVE EXIT. PLACE ADVANCE WARNING SIGNS PRIOR TO THE H ST EXIT AND AT THE LOCAL ROADS. TRAFFIC SHOULD BE DETOURED IN REVERSE ORDER OF THE H ST EXIT RAMP CLOSURE.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

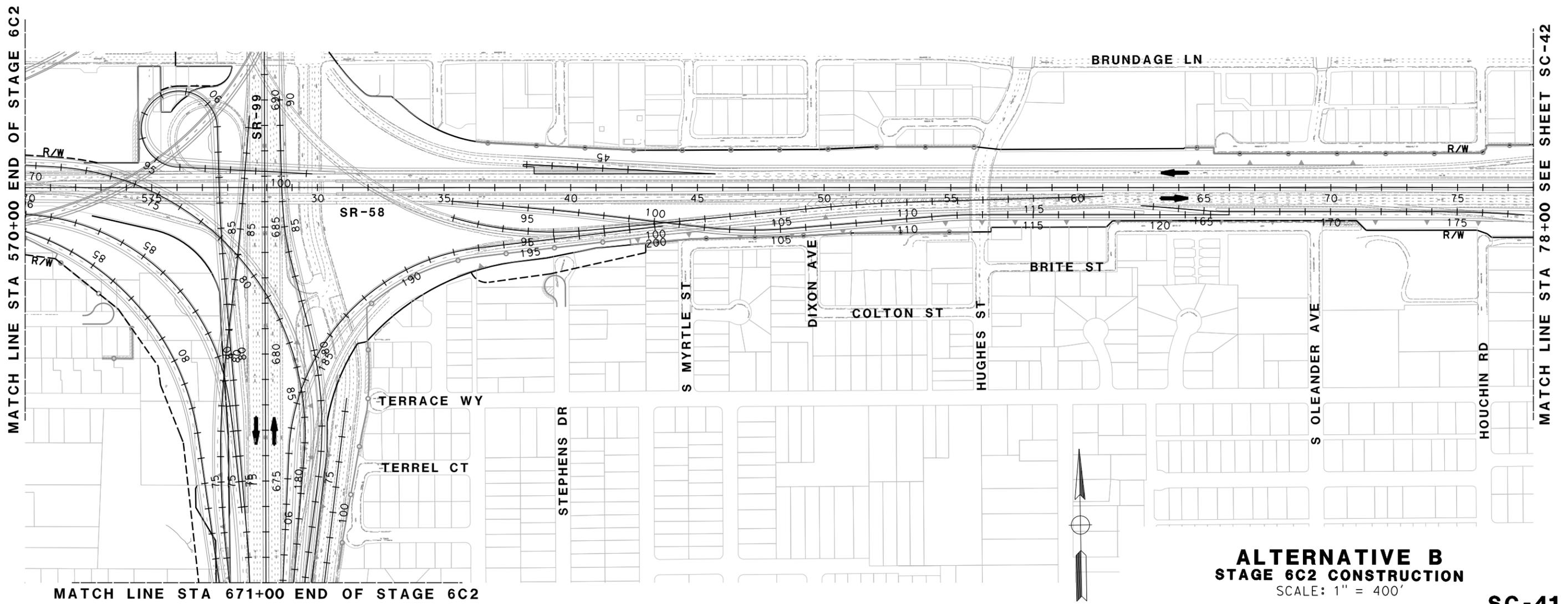
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTON AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301



DRAFT



ALTERNATIVE B
STAGE 6C2 CONSTRUCTION
SCALE: 1" = 400'

SC-41

LAST REVISION DATE PLOTTED => 3/28/2012 03-23-12 TIME PLOTTED => 10:39:04 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

REGISTERED CIVIL ENGINEER DATE _____

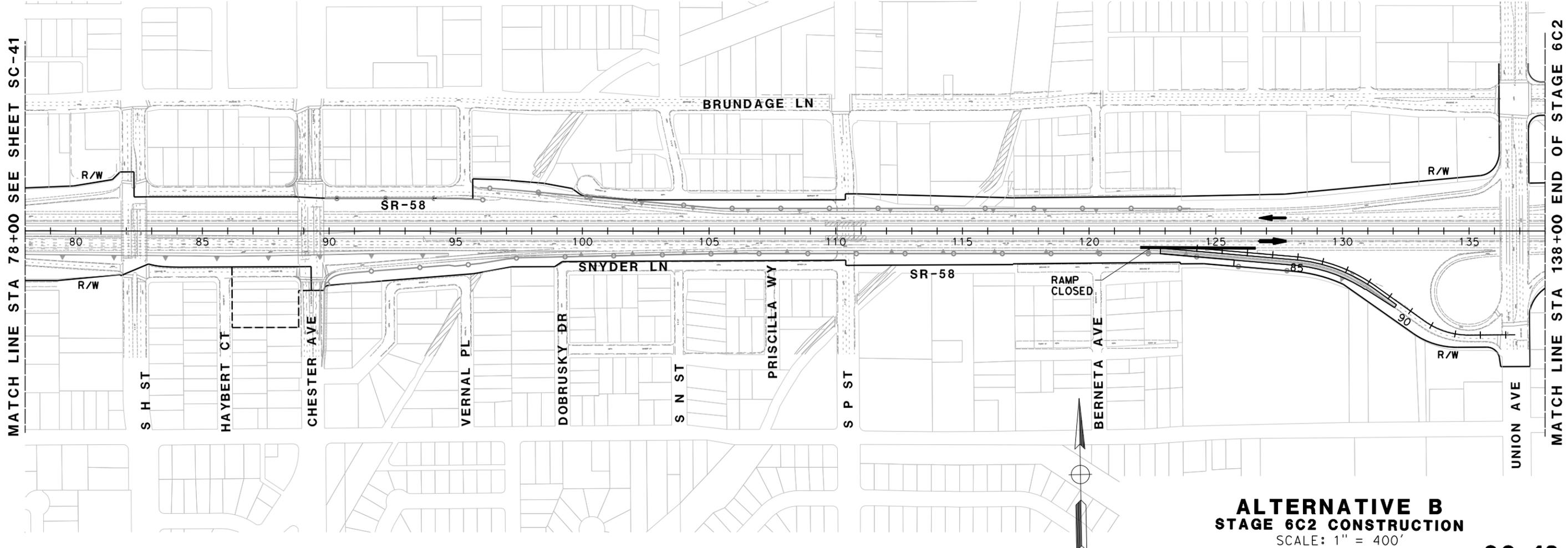
PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE B
STAGE 6C2 CONSTRUCTION
 SCALE: 1" = 400'
SC-42

LAST REVISION DATE PLOTTED => 3/28/2012
 03-23-12 TIME PLOTTED => 10:39:38 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

CONSTRUCTION NOTES:

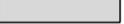
STAGE 6D
 PART I

CONSTRUCT A DETOUR FOR THE N-E AND S-E CONNECTORS BETWEEN EB SR-58 EAST AND THE EXISTING N-E/S-E CONNECTOR MERGE.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

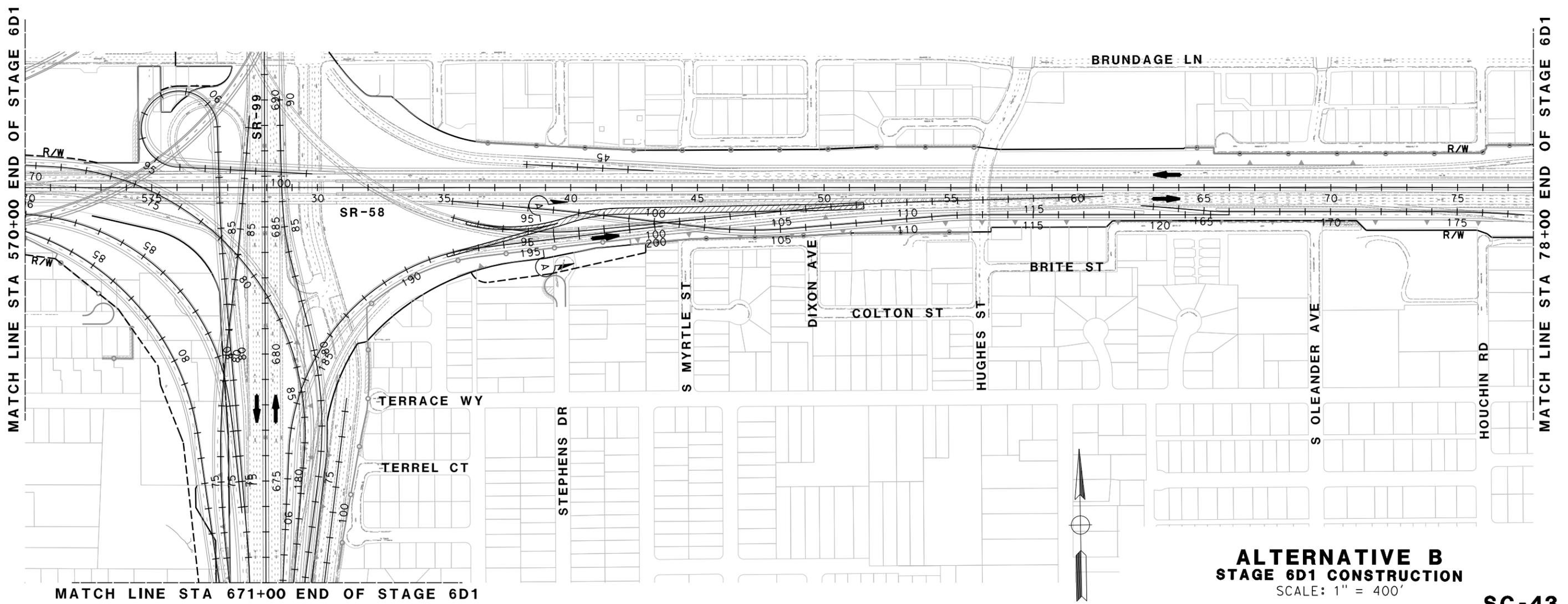
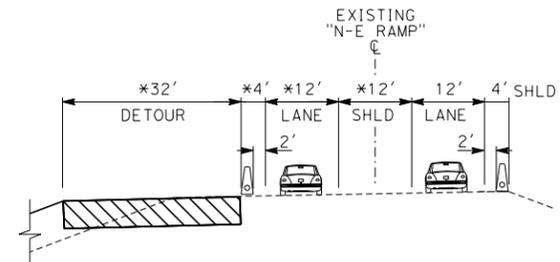
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTON AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE B
STAGE 6D1 CONSTRUCTION
 SCALE: 1" = 400'

SC-43

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

CONSTRUCTION NOTES:

STAGE 6D
 PART II

SHIFT TRAFFIC TO THE DETOUR. CONSTRUCT THE PROPOSED N-E/S-E BRIDGE AND A PORTION OF THE N-E CONNECTOR THAT DOES NOT CONFLICT WITH THE DETOUR.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

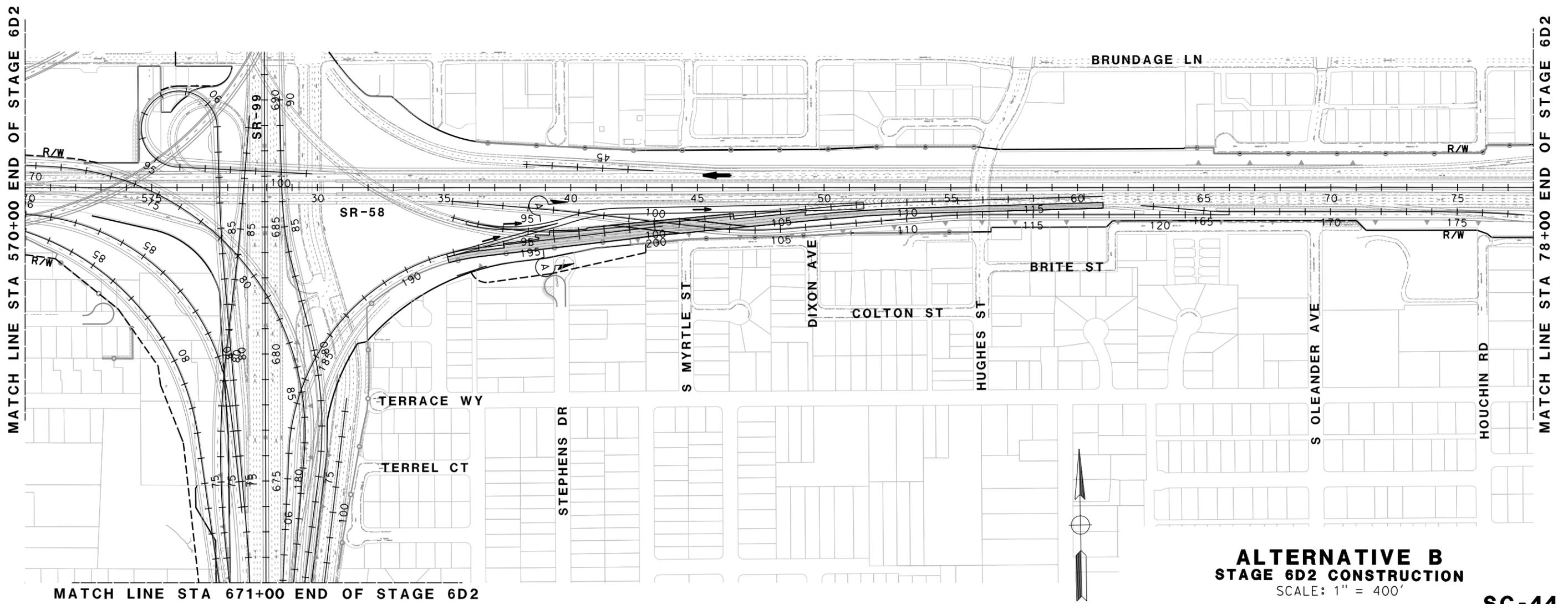
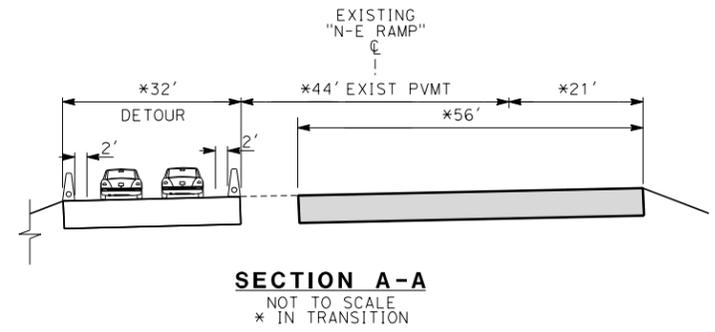
PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTON AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE B
STAGE 6D2 CONSTRUCTION
 SCALE: 1" = 400'

SC-44

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

CONSTRUCTION NOTES:

STAGE 6D
 PART III

SHIFT THE N-E TRAFFIC TO THE NEWLY CONSTRUCTED N-E ALIGNMENT AND BRIDGE. REMOVE THE N-E DETOUR. CONSTRUCT THE PROPOSED ALIGNMENTS PREVIOUSLY BLOCKED BY THE N-E DETOUR. CONSTRUCT THE PROPOSE S-E OUTSIDE LANE ADJACENT TO THE S-E DETOUR.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

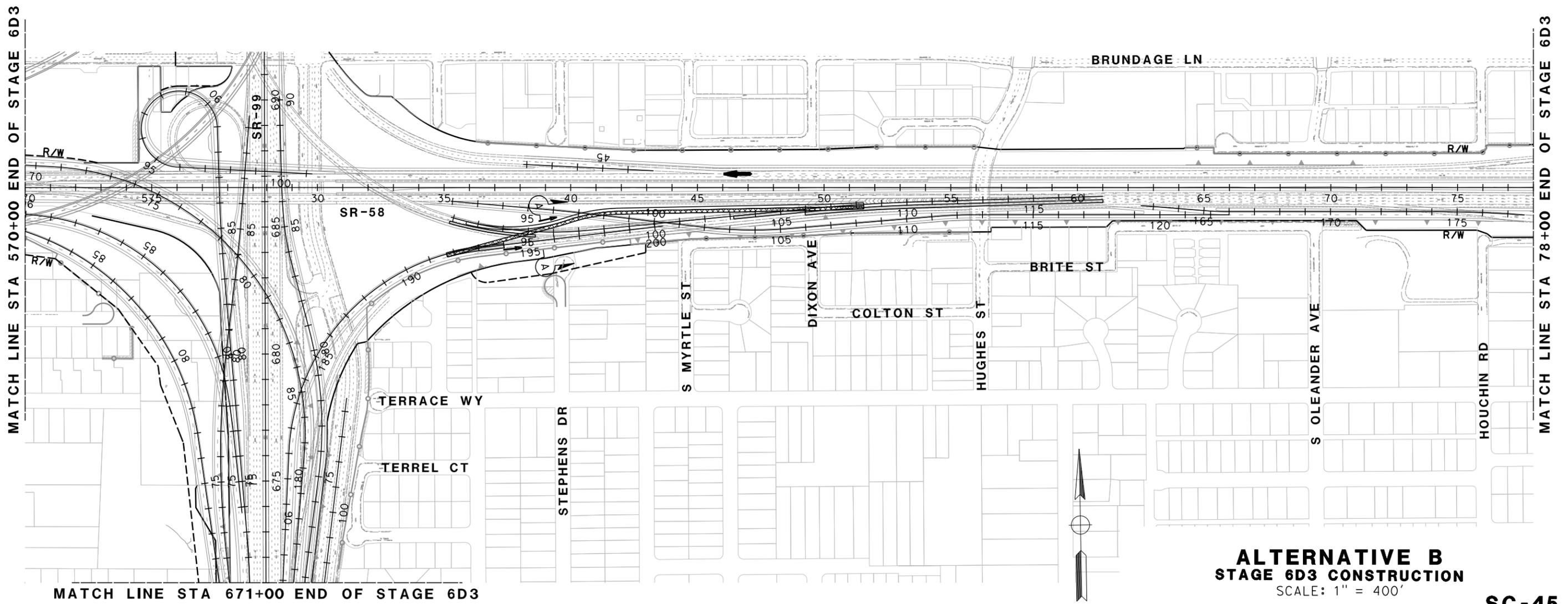
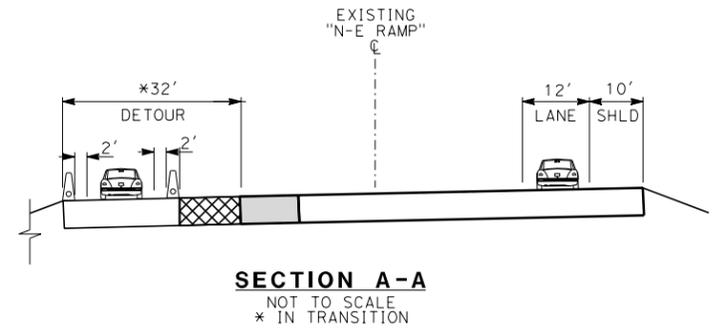
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTON AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE B
STAGE 6D3 CONSTRUCTION
 SCALE: 1" = 400'

SC-45

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

CONSTRUCTION NOTES:

STAGE 6D
 PART IV

SHIFT THE S-E TRAFFIC ONTO THE PROPOSED OUTSIDE LANE AND REMOVE THE DETOUR.
 CONSTRUCT THE REMAINING PORTIONS OF THE S-E ALIGNMENT.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

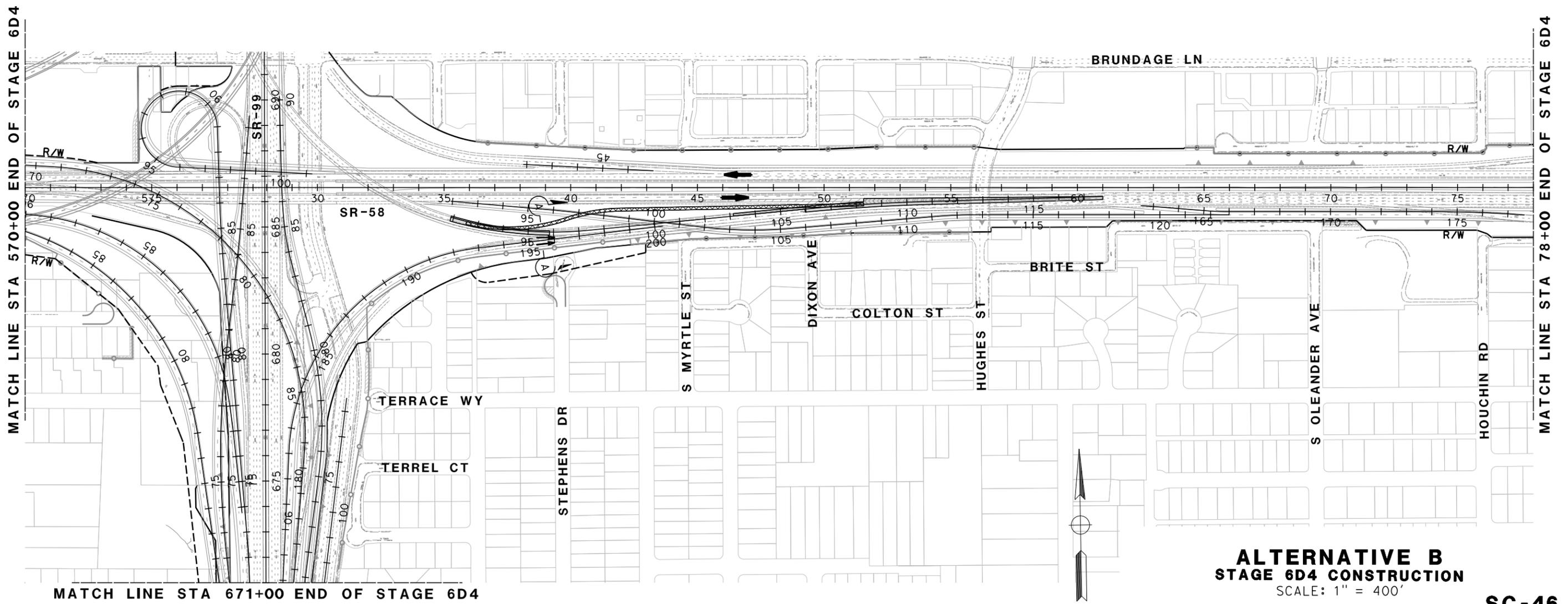
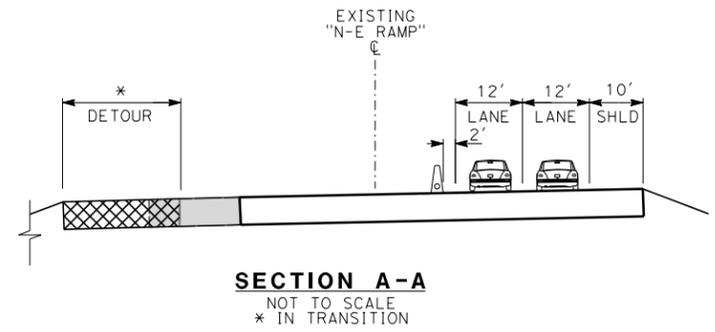
PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTON AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE B
STAGE 6D4 CONSTRUCTION
 SCALE: 1" = 400'

SC-46

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISOR BY
 DATE REVISED

CONSTRUCTION NOTES:

STAGE 6E
 CONSTRUCT THE SR-58 EB EXIT RAMP TO H ST.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

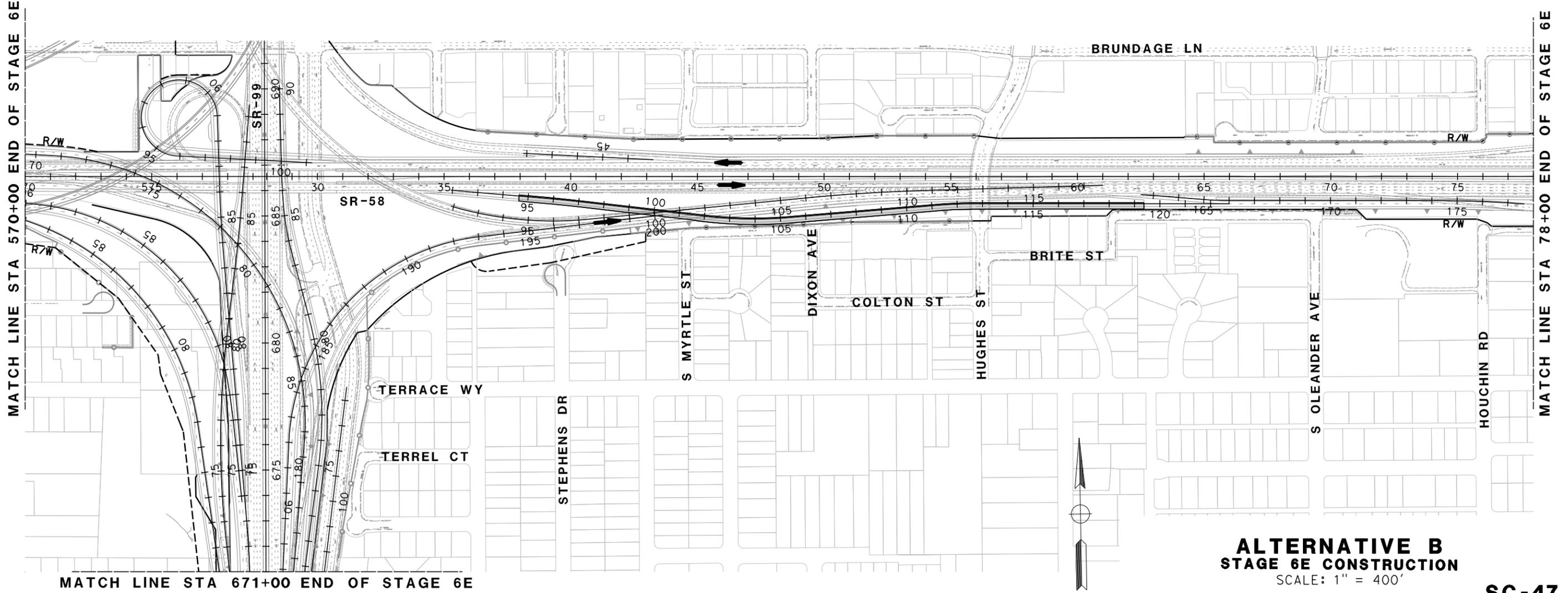
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTON AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301



DRAFT



ALTERNATIVE B
STAGE 6E CONSTRUCTION
 SCALE: 1" = 400'

SC-47

LAST REVISION DATE PLOTTED => 3/28/2012
 03-23-12 TIME PLOTTED => 10:42:29 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Caltrans		CHECKED BY	DESIGNED BY	DATE

CONSTRUCTION NOTES:

STAGE 7
COMPLETE THE CONSTRUCTION OF THE W-S CONNECTOR.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

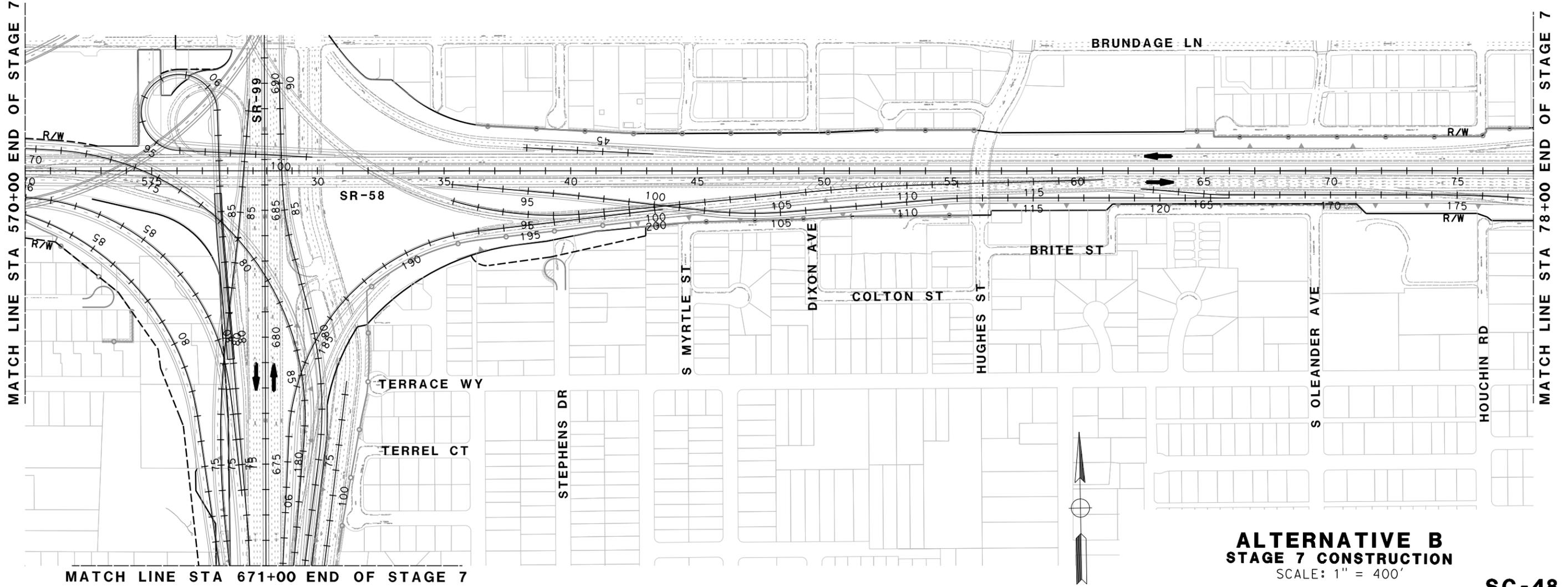
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTON AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE B
STAGE 7 CONSTRUCTION
SCALE: 1" = 400'

SC-48

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Caltrans		CHECKED BY	DESIGNED BY	DATE

CONSTRUCTION NOTES:

STAGE 8

CONSTRUCT IMPROVEMENTS TO THE SB EXIT RAMP TO ROSEDALE HWY AND SB SR-99 AUXILIARY LANE.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

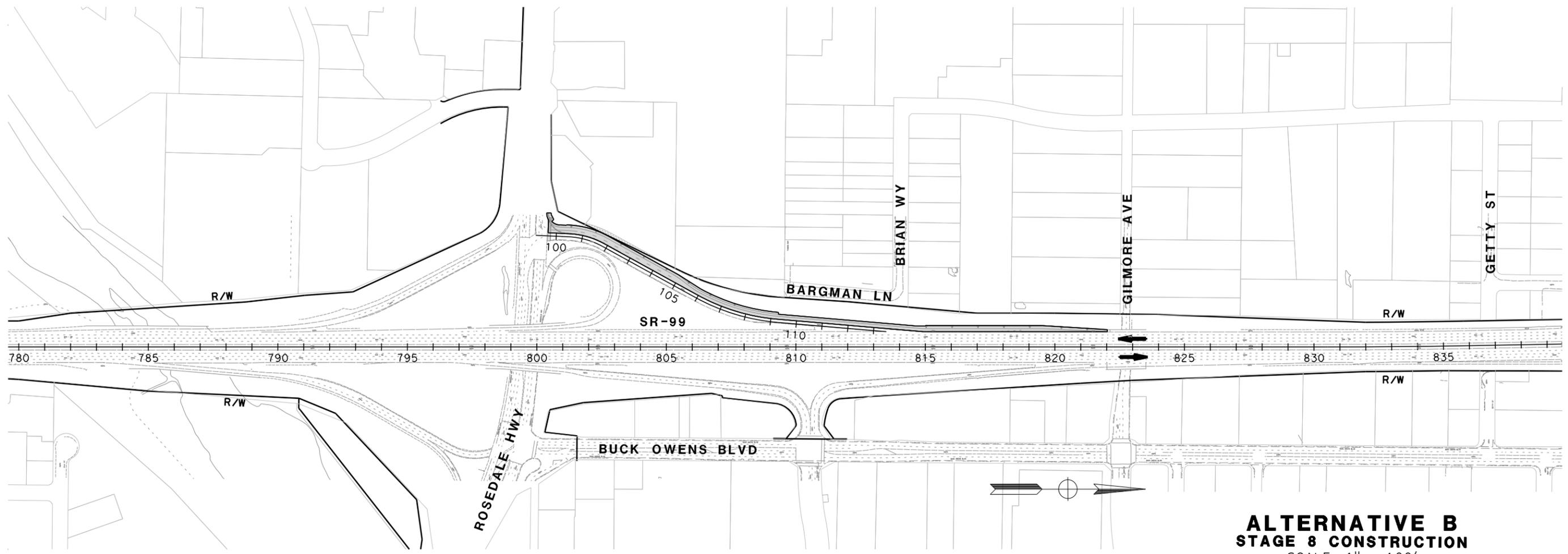
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTON AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301



DRAFT



**ALTERNATIVE B
STAGE 8 CONSTRUCTION**
SCALE: 1" = 100'

SC-49

APPENDIX A3:
CONSTRUCTION STAGING AND DETOUR PLAN SHEETS

ALTERNATIVE C

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

CONSTRUCTION NOTES:

STAGE 1A

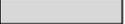
TO CREATE A BUFFER ZONE BETWEEN CONSTRUCTION AND TRAFFIC, SHIFT THE WESTSIDE PARKWAY (WSP) WB TRAFFIC ONTO THE EXISTING SHOULDER BETWEEN THE CALLOWAY DRIVE ENTRANCE RAMP AND THE WB EXIT RAMP TO COFFEE ROAD. THE EB TRAFFIC WILL BE SHIFTED SIMILARLY FROM THE COFFEE ROAD EXIT RAMP AND MOHAWK STREET CROSSING.

CONSTRUCT ALL INSIDE MEDIAN WIDENING WITHIN THE LIMITS OF THE SHIFTED TRAFFIC.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

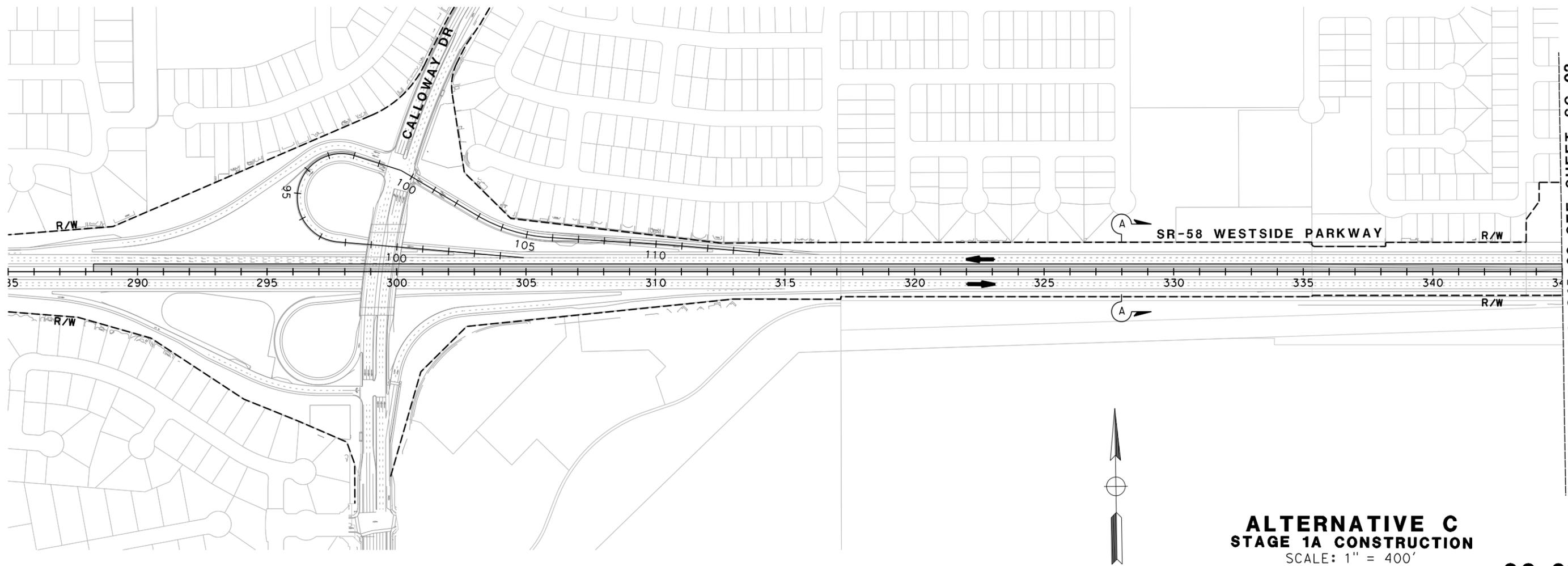
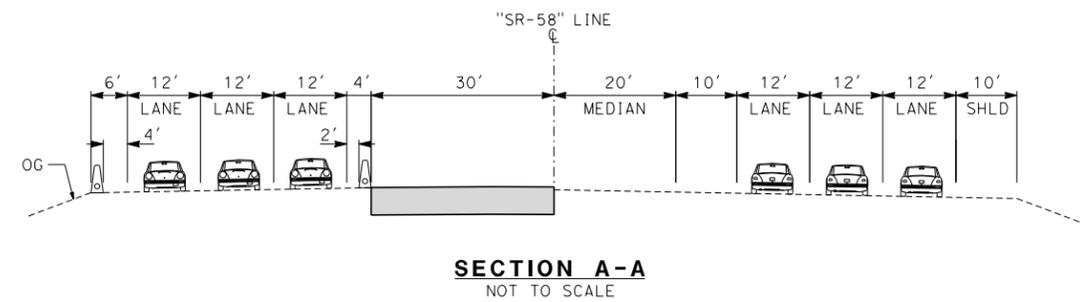
PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTON AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE C
STAGE 1A CONSTRUCTION
 SCALE: 1" = 400'

SC-01

MATCH LINE STA 345+00 SEE SHEET SC-02

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Et Caltrans®		CHECKED BY	DATE	

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

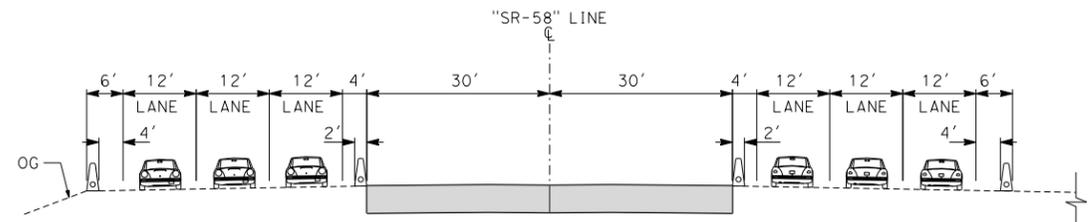


PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

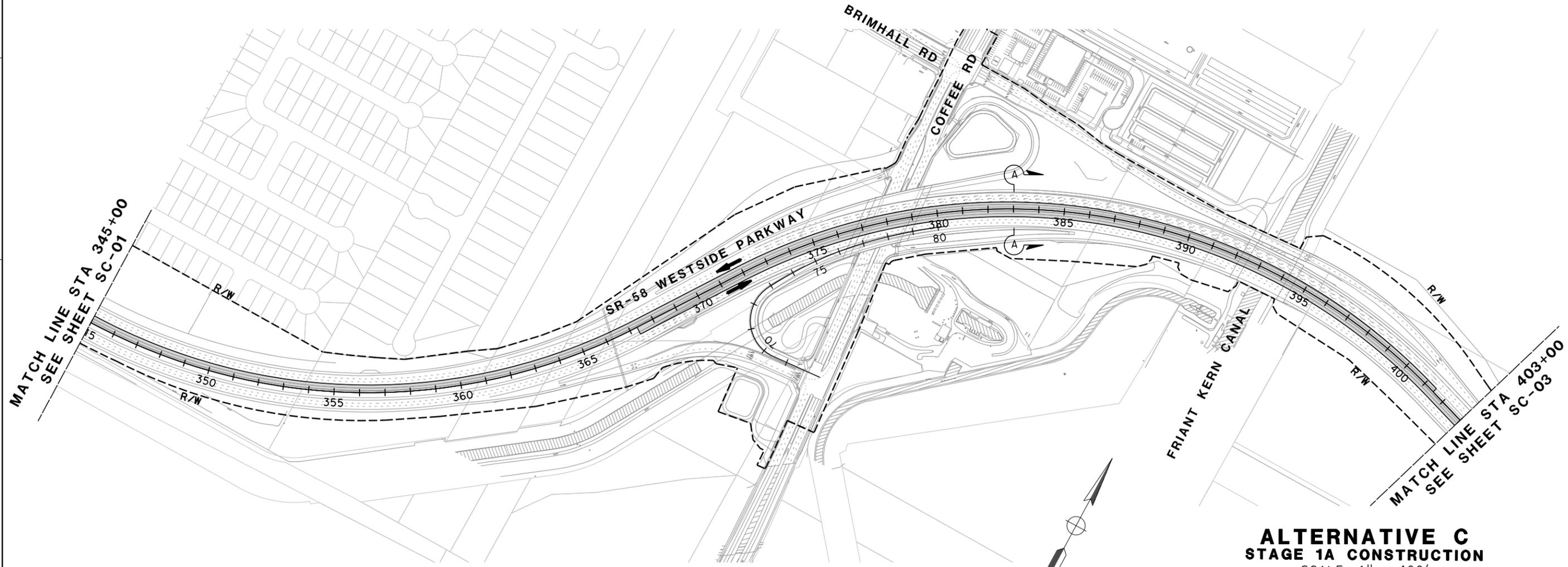
THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTON AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT

- LEGEND**
- PROPOSED CONSTRUCTION
 - DETOUR CONSTRUCTION
 - REMOVAL
 - TRAFFIC FLOW



SECTION A-A
NOT TO SCALE



ALTERNATIVE C
STAGE 1A CONSTRUCTION
SCALE: 1" = 400'

SC-02

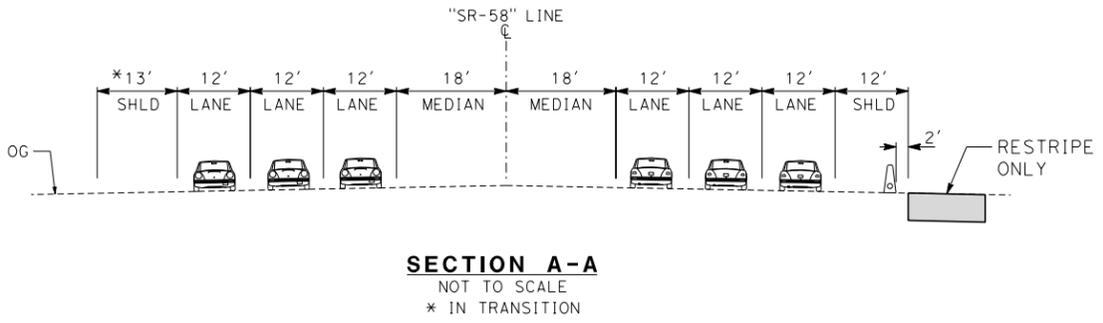
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

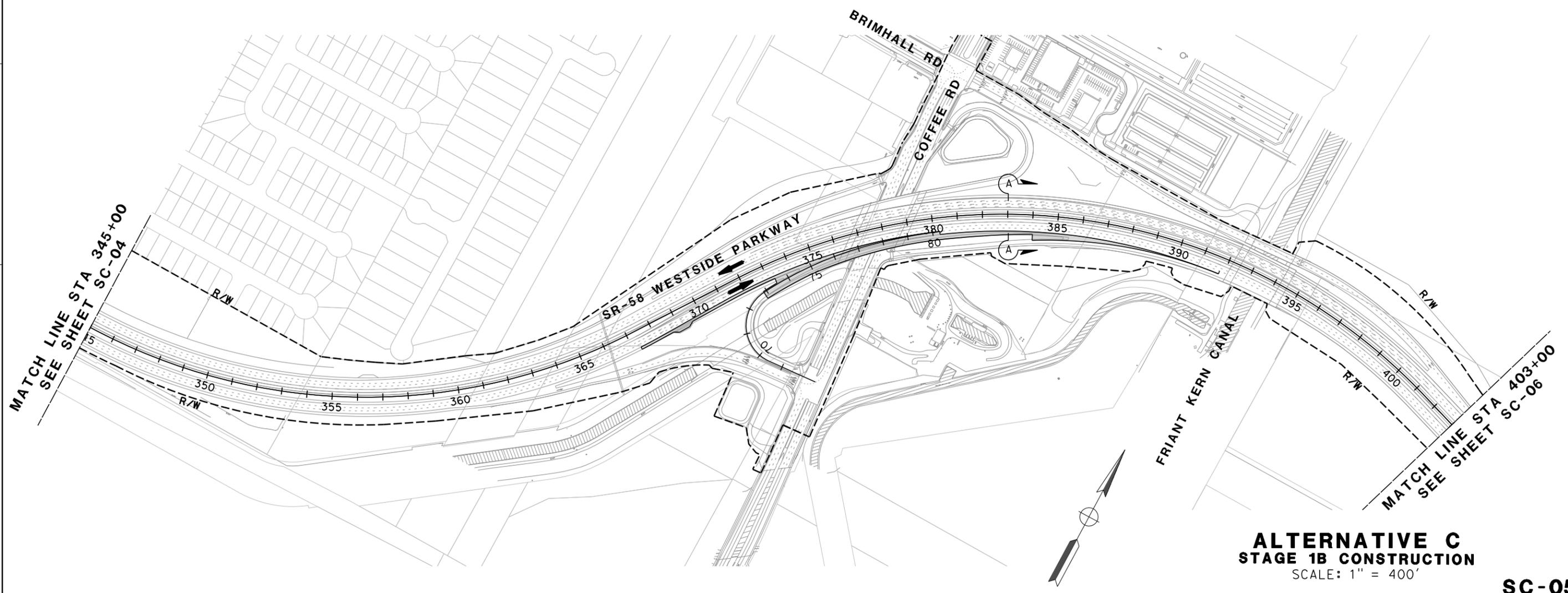
REGISTERED CIVIL ENGINEER DATE _____
 PLANS APPROVAL DATE _____
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.
 PARSONS 110 WEST A STREET, SUITE 1050 SAN DIEGO, CALIFORNIA 92101
 THOMAS ROAD IMPROVEMENT PROGRAM 900 TRUXTON AVENUE, SUITE 200 BAKERSFIELD, CALIFORNIA 93301

LEGEND

- PROPOSED CONSTRUCTION
- DETOUR CONSTRUCTION
- REMOVAL
- TRAFFIC FLOW



DRAFT



LAST REVISION DATE PLOTTED => 3/28/2012
 03-23-12 TIME PLOTTED => 9:49:51 AM

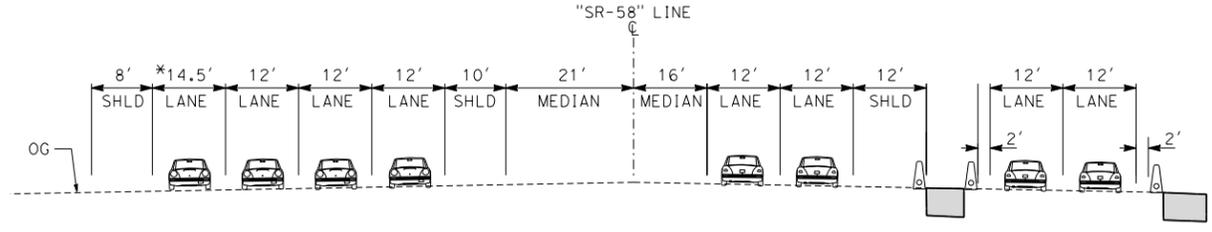
SC-05

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	CHECKED BY	REVISOR	DATE
Et-Caltans					

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		
REGISTERED CIVIL ENGINEER DATE					
PLANS APPROVAL DATE					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					
PARSONS 110 WEST A STREET, SUITE 1050 SAN DIEGO, CALIFORNIA 92101			THOMAS ROAD IMPROVEMENT PROGRAM 900 TRUXTON AVENUE, SUITE 200 BAKERSFIELD, CALIFORNIA 93301		

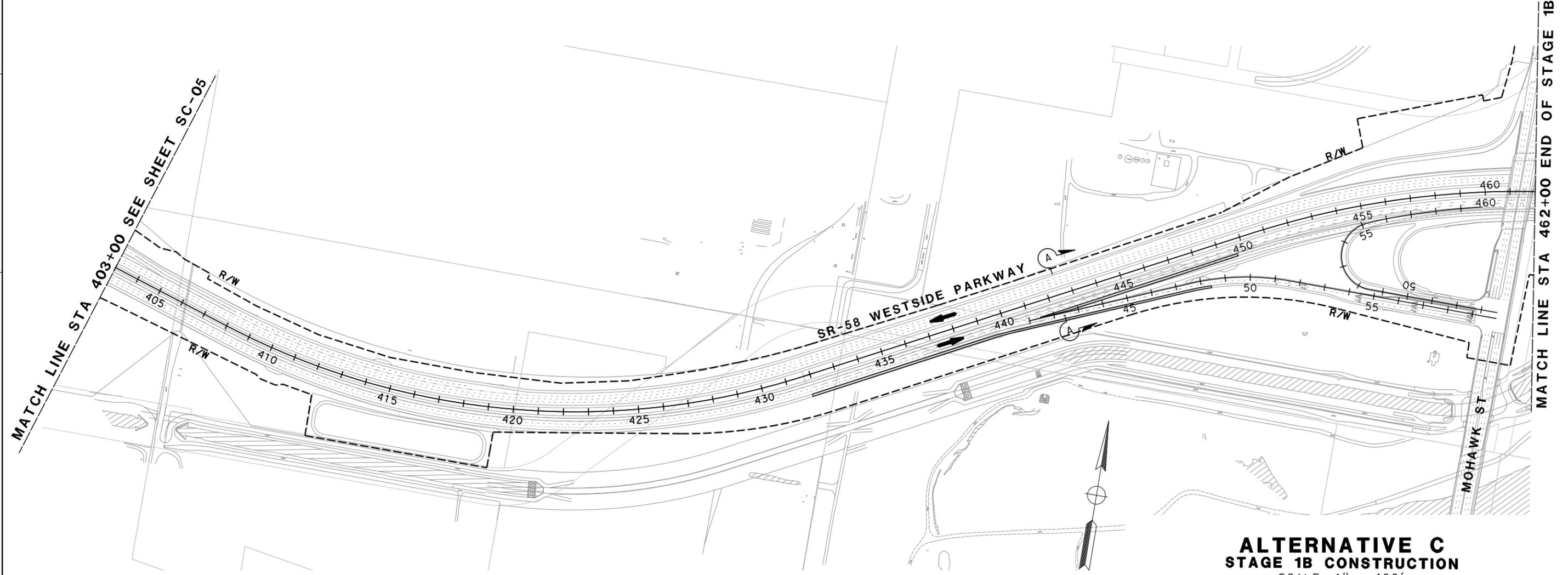
LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW



SECTION A-A
NOT TO SCALE
* IN TRANSITION

DRAFT



ALTERNATIVE C
STAGE 1B CONSTRUCTION
SCALE: 1" = 400'

SC-06

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Caltrans		CHECKED BY	DATE	

CONSTRUCTION NOTES:

STAGE 2A

MAINTAIN FREEWAY TRAFFIC AS DETERMINED IN STAGE 1B. LOCAL TRAFFIC THAT PREVIOUSLY TRAVELED OAKDALE TO REACH PALM STREET SHALL BE DETOURED TO VERDE STREET AND WETHERLEY DRIVE. LOCAL TRAFFIC THAT PREVIOUSLY TRAVELLED ACCESS ROAD TO REACH PALM STREET SHALL BE REROUTED TO BANK STREET AND WETHERLEY DRIVE. CHESTER LANE THROUGH TRAFFIC SHALL BE DETOURED TO CALIFORNIA AVENUE OR PALM STREET.

PERMANENTLY CLOSE AND CUL-DE-SAC OR DEAD-END THE FOLLOWING STREETS, AS SHOWN IN THE PLANS: COMMERCE DRIVE, CHESTER LANE, BANK STREET, STEPHENS DRIVE, EASTON DRIVE, OAKDALE DRIVE AND ACCESS ROAD BETWEEN WETHERLEY DRIVE AND OAKDALE DRIVE.

CONSTRUCT THE FOLLOWING STORMPONDS AND CULVERT: STORMPOND ALONG COMMERCE DRIVE, CULVERT AT SR-58 STA. 500+00, STORMPOND ALONG EASTON DRIVE AND THE STORMPOND AND MAINTENANCE ROAD ALONG THE SR-99 SOUTHBOUND EXIT TO CALIFORNIA AVENUE.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

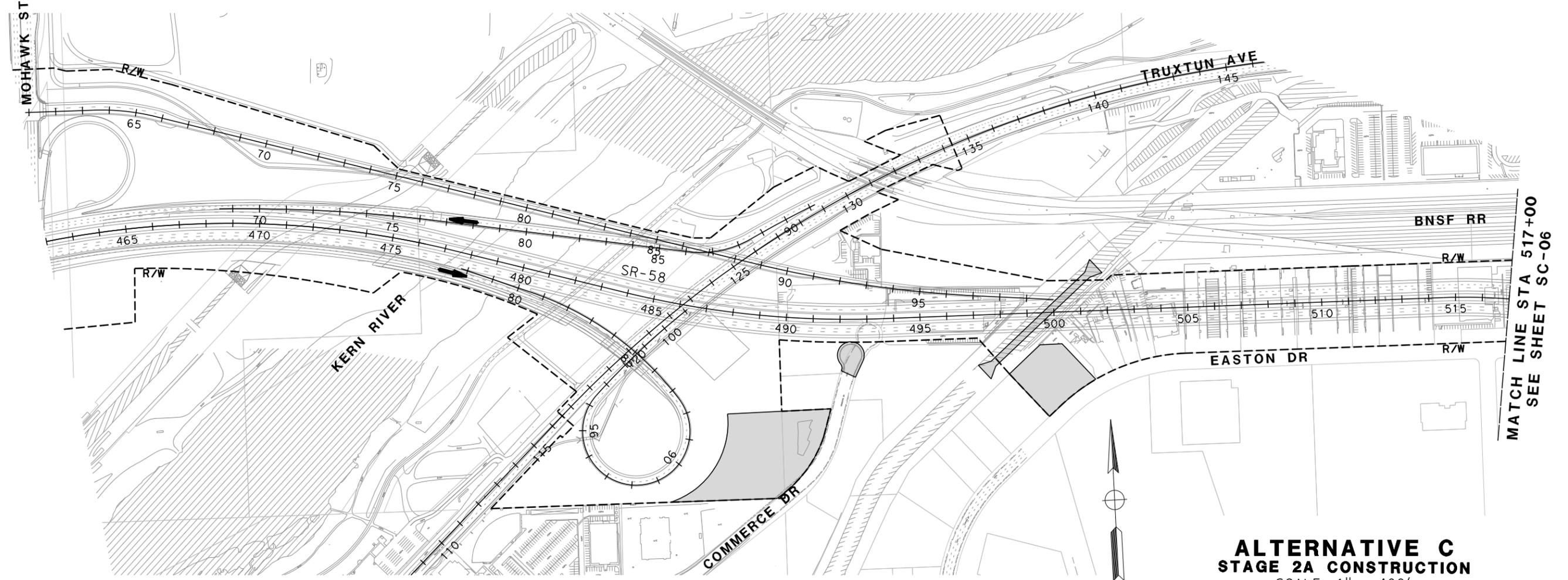
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301



DRAFT



MATCH LINE STA 517+00
SEE SHEET SC-06

ALTERNATIVE C
STAGE 2A CONSTRUCTION
SCALE: 1" = 400'

SC-07

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
Caltrans		CHECKED BY	DATE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

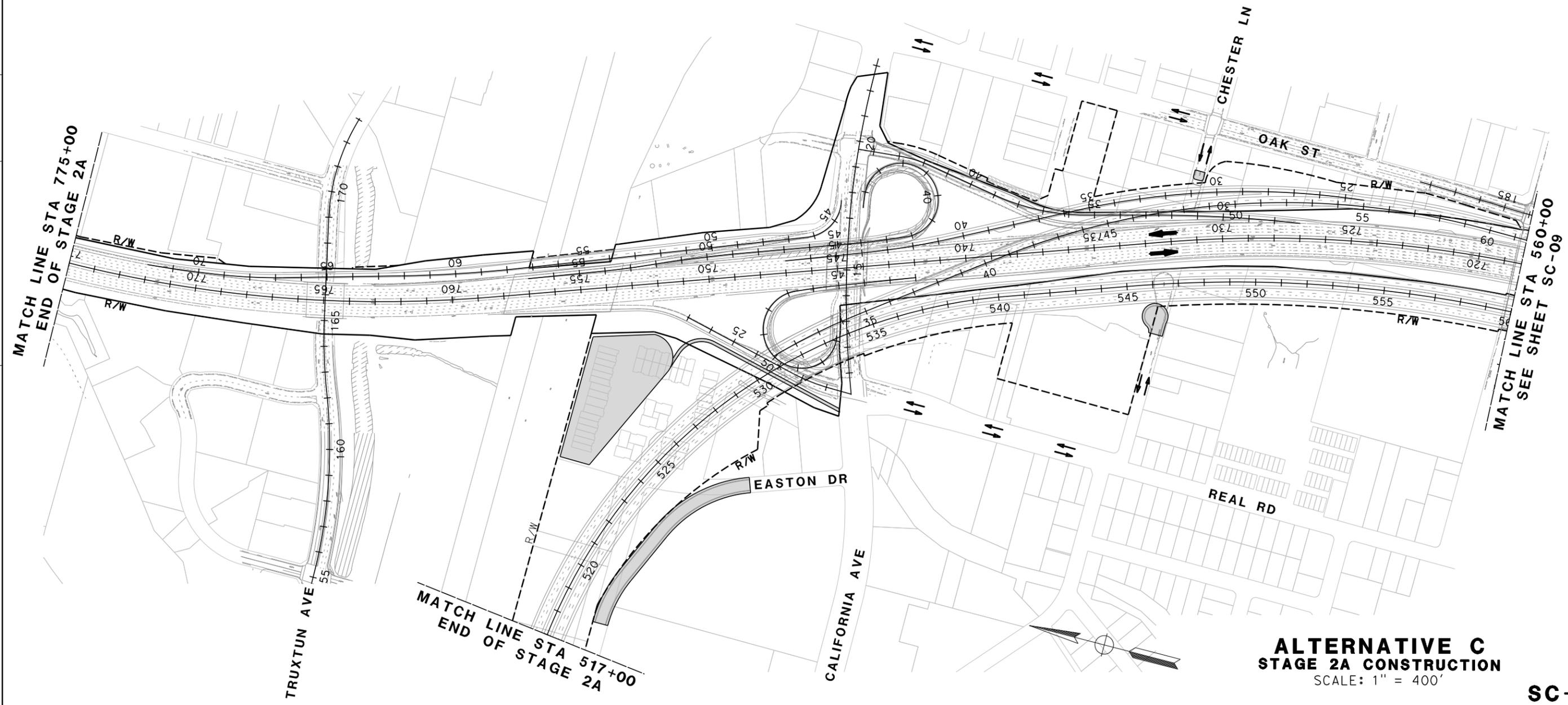
REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS 110 WEST A STREET, SUITE 1050 SAN DIEGO, CALIFORNIA 92101	THOMAS ROAD IMPROVEMENT PROGRAM 900 TRUXTUN AVENUE, SUITE 200 BAKERSFIELD, CALIFORNIA 93301
---	---

DRAFT



ALTERNATIVE C
STAGE 2A CONSTRUCTION
SCALE: 1" = 400'

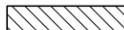
SC-08

LAST REVISION DATE PLOTTED => 3/28/2012
03-23-12 TIME PLOTTED => 9:51:58 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR BY
Et Caltrans		CHECKED BY	DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

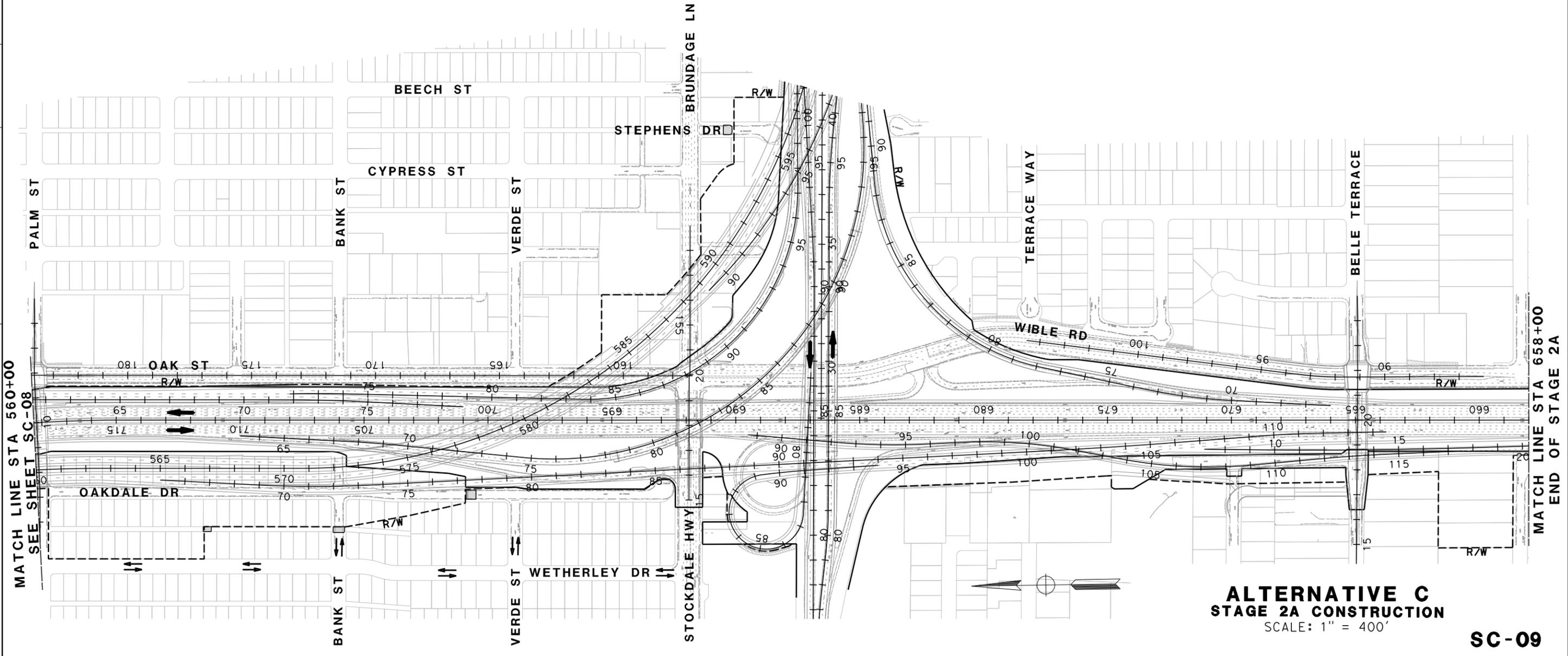
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301



DRAFT



**ALTERNATIVE C
STAGE 2A CONSTRUCTION**
SCALE: 1" = 400'

SC-09

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT

CONSTRUCTION NOTES:

STAGE 2B

SR-58 WORKS EAST OF THE KERNS RIVER BRIDGE CAN PROCEED IN PARALLEL WITH EB SR-58 WORKS NORTH OF THE BRIDGE.

PART I

MAINTAIN SR-58 TRAFFIC ON STAGE 1B DETOUR.

CONSTRUCT EB SR-58 FROM THE END OF STAGE 1B WORKS TO THE BRIDGE OVER KERNS RIVER.

CONSTRUCT THE EB RAMP EXIT TO TRUXTUN AVE. THE WORKS SHALL INCLUDE ROAD WIDENING AND BRIDGE CONSTRUCTION.

CONSTRUCT THE NEW EB ENTRANCE RAMP AT MOHAWK.

PART II

SHIFT EB SR-58 TRAFFIC ONTO NEW CONSTRUCTION AT SR-58. PLACE 'ROAD END' SIGNS BEFORE THE SR-58 KERNS BRIDGE AND DIRECT ALL TRAFFIC TO EXIT TRUXTUN AVE EXIT RAMP.

COMPLETE FINISHING WORKS OF THE NEW EB ENTRANCE RAMP AT MOHAWK ST.

RESTRIPE THE OUTSIDE SHOULDER OF EXIT RAMP TO TRUXTUN AVE.

PART III

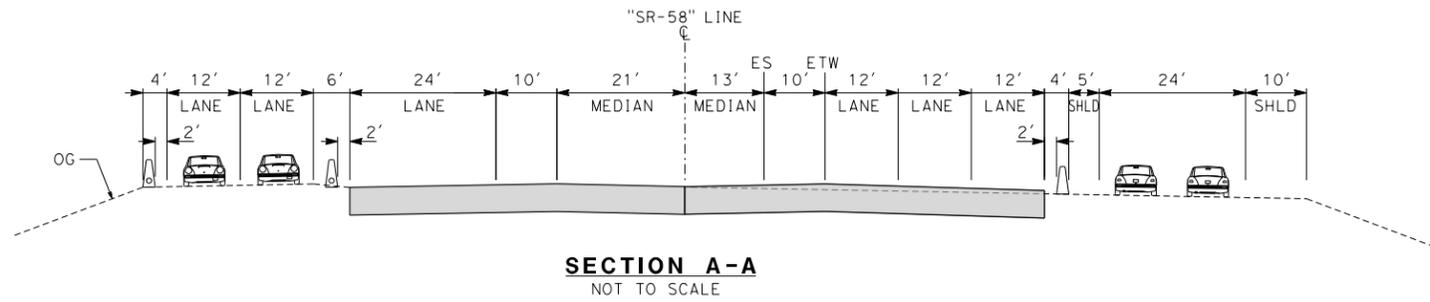
CONTINUE THE CONSTRUCTION WORKS OF SR-58, INCLUSIVE OF THE FOLLOWING BRIDGES: KERN RIVER, CALIFORNIA AVE., TRUXTUN AVE., PALM ST. AND THE WB SR-58 EXIT RAMP TO MOHAWK ST.

REMOVE THE OLD EB ENTRANCE RAMP AT MOHAWK ST.

RESTRIPE THE WB SR-58 ENTRANCE RAMP FROM TRUXTUN AVE.

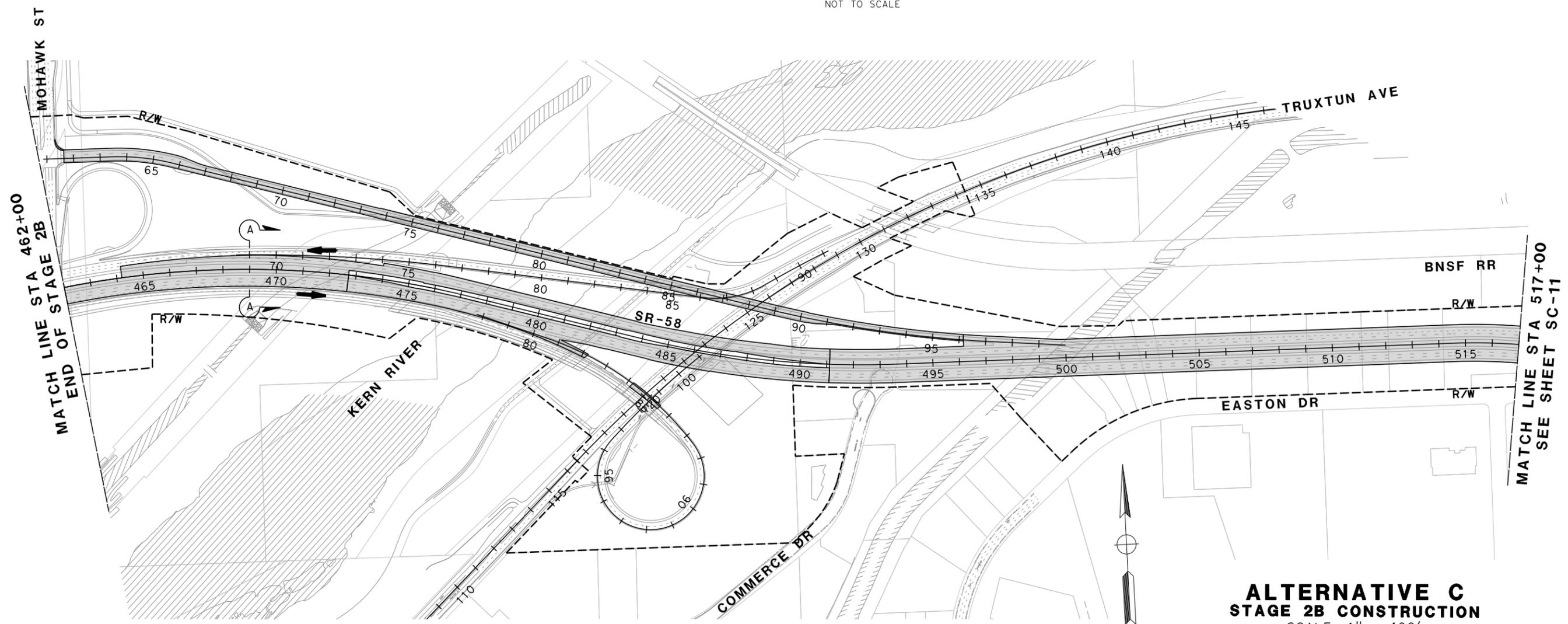
GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.



LEGEND

- PROPOSED CONSTRUCTION
- DETOUR CONSTRUCTION
- REMOVAL
- TRAFFIC FLOW



ALTERNATIVE C
STAGE 2B CONSTRUCTION
SCALE: 1" = 400'

SC-10

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	CHECKED BY
Et-Caltans			

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

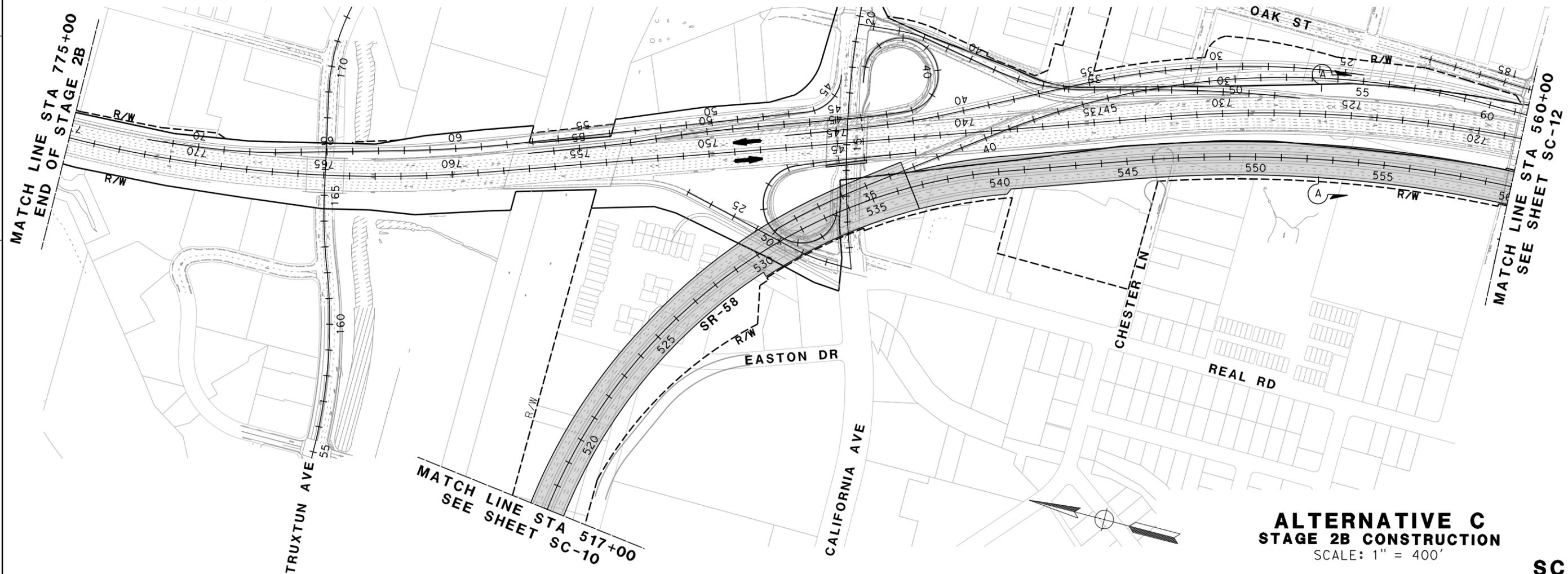
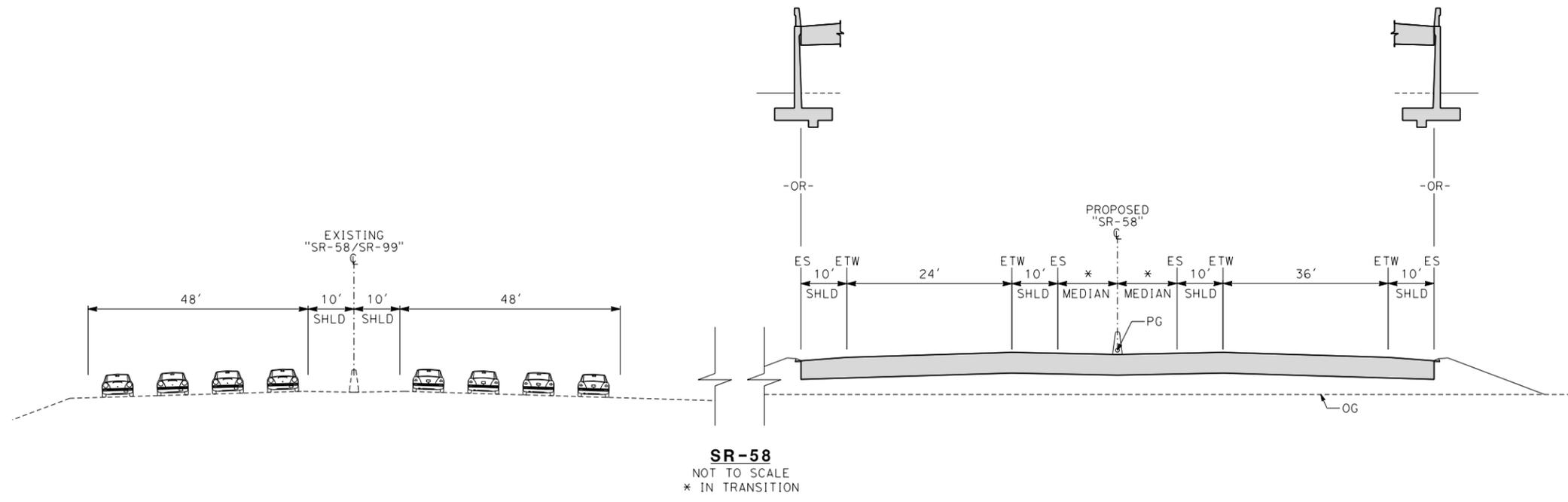
REGISTERED CIVIL ENGINEER DATE _____
 PLANS APPROVAL DATE _____
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101
 THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTUN AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

DRAFT

- LEGEND**
- PROPOSED CONSTRUCTION
 - DETOUR CONSTRUCTION
 - REMOVAL
 - TRAFFIC FLOW



ALTERNATIVE C
STAGE 2B CONSTRUCTION
 SCALE: 1" = 400'

SC-11

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____
 PLANS APPROVAL DATE _____
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



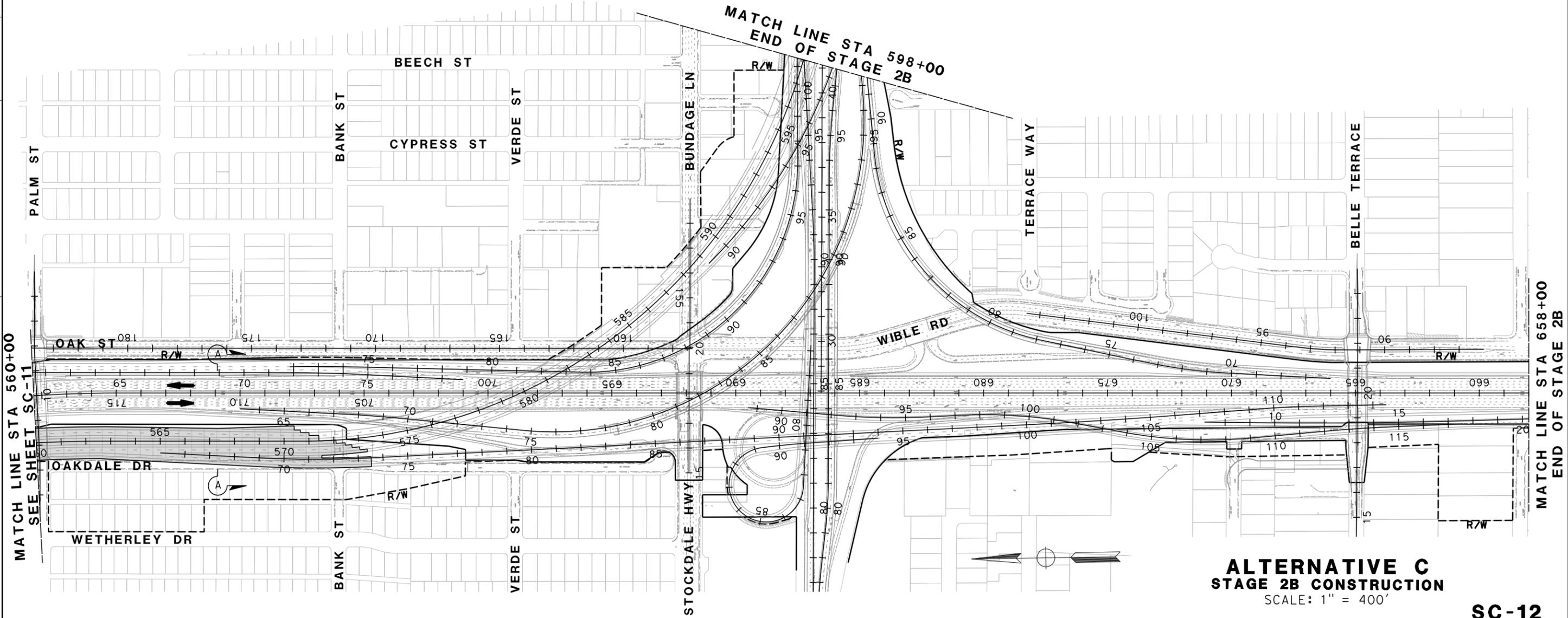
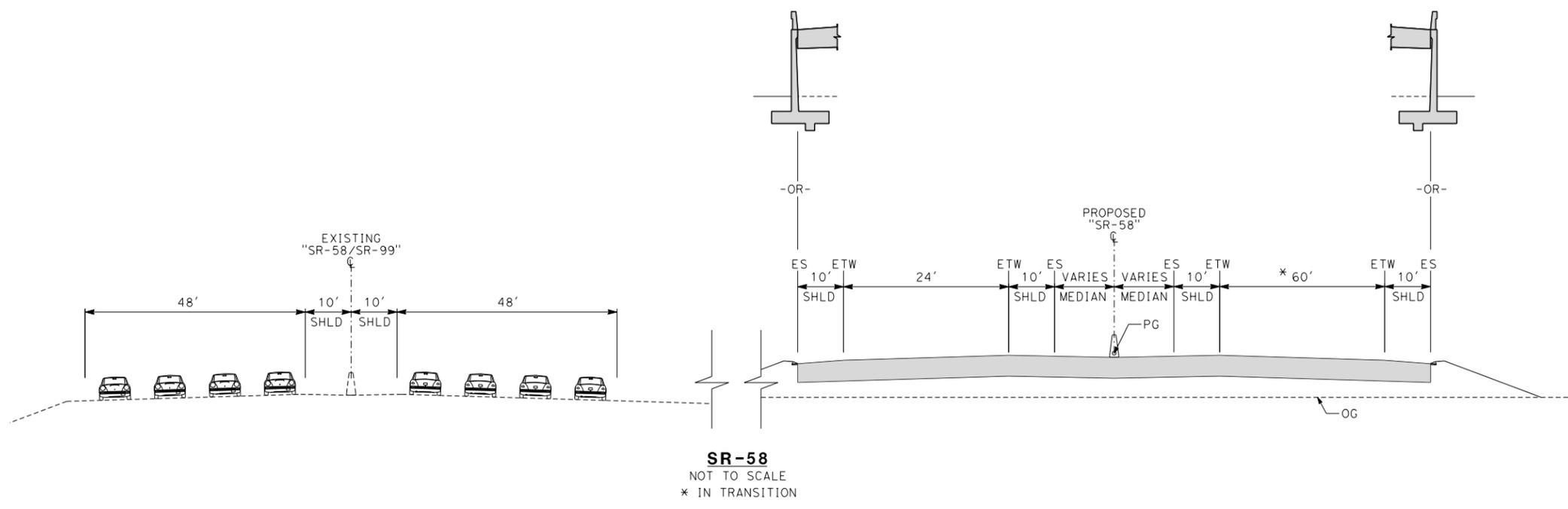
PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTUN AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

DRAFT

LEGEND

	PROPOSED CONSTRUCTION
	DETOUR CONSTRUCTION
	REMOVAL



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
Caltrans		CHECKED BY	DATE

CONSTRUCTION NOTES:

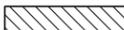
STAGE 3A
PART I (FROM SR-99 TO CHESTER AVE)

SHIFT EB AND WB SR-58 ONTO THE EXISTING OUTSIDE SHOULDER. CONSTRUCT THE MEDIAN FROM HUGHES LN. TO 900FT EAST OF CHESTER AVE. CONSTRUCT THE W-N CONNECTOR/WB REAL ROAD RAMP FROM THE EXISTING TIE-IN TO JUST EAST OF HUGHES LN.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

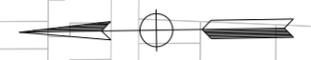
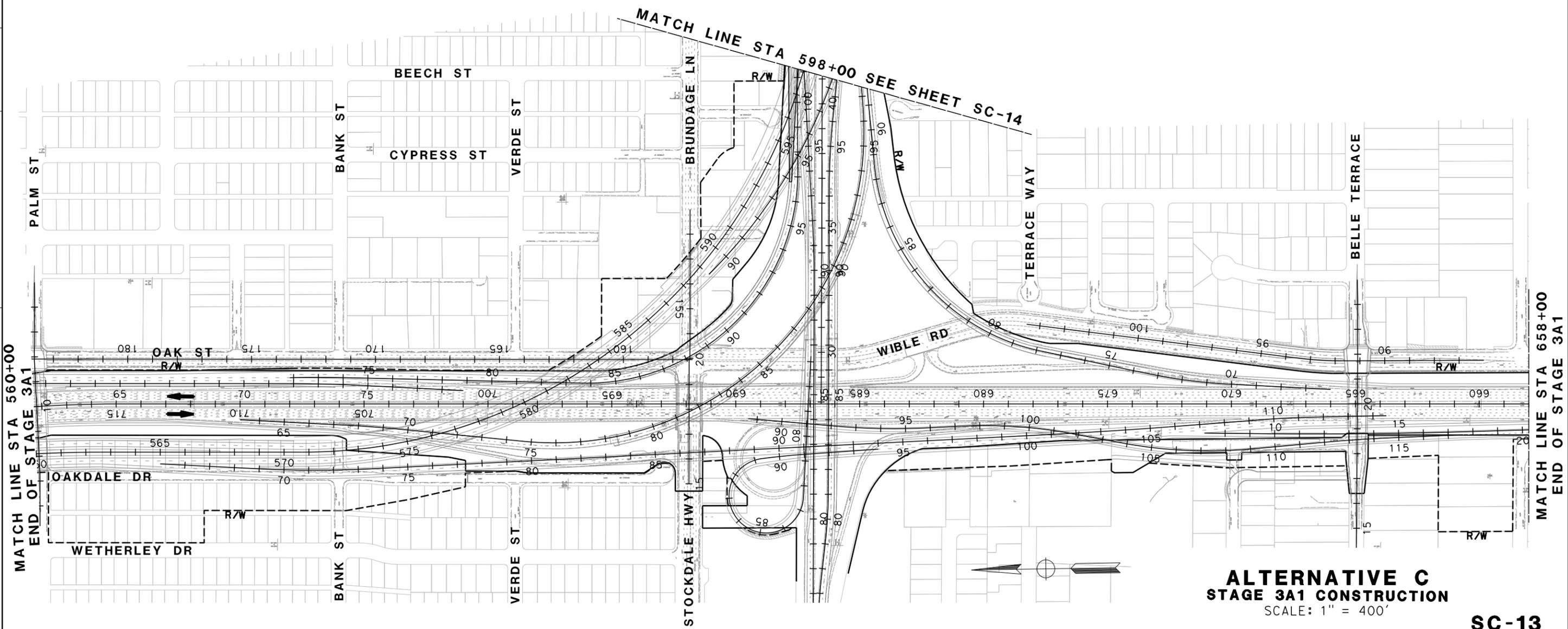
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301



DRAFT



ALTERNATIVE C
STAGE 3A1 CONSTRUCTION
SCALE: 1" = 400'

SC-13

LAST REVISION DATE PLOTTED => 3/28/2012 03-23-12 TIME PLOTTED => 9:55:39 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	CHECKED BY
REVISOR	DESIGNER	DATE	DATE
REVISION	DATE	BY	REASON



LEGEND

- PROPOSED CONSTRUCTION
- DETOUR CONSTRUCTION
- REMOVAL
- TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE C
STAGE 3A1 CONSTRUCTION
SCALE: 1" = 400'

SC-14

LAST REVISION DATE PLOTTED => 3/28/2012
03-23-12 TIME PLOTTED => 9:56:20 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Caltrans		CHECKED BY	DATE	REVISOR

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

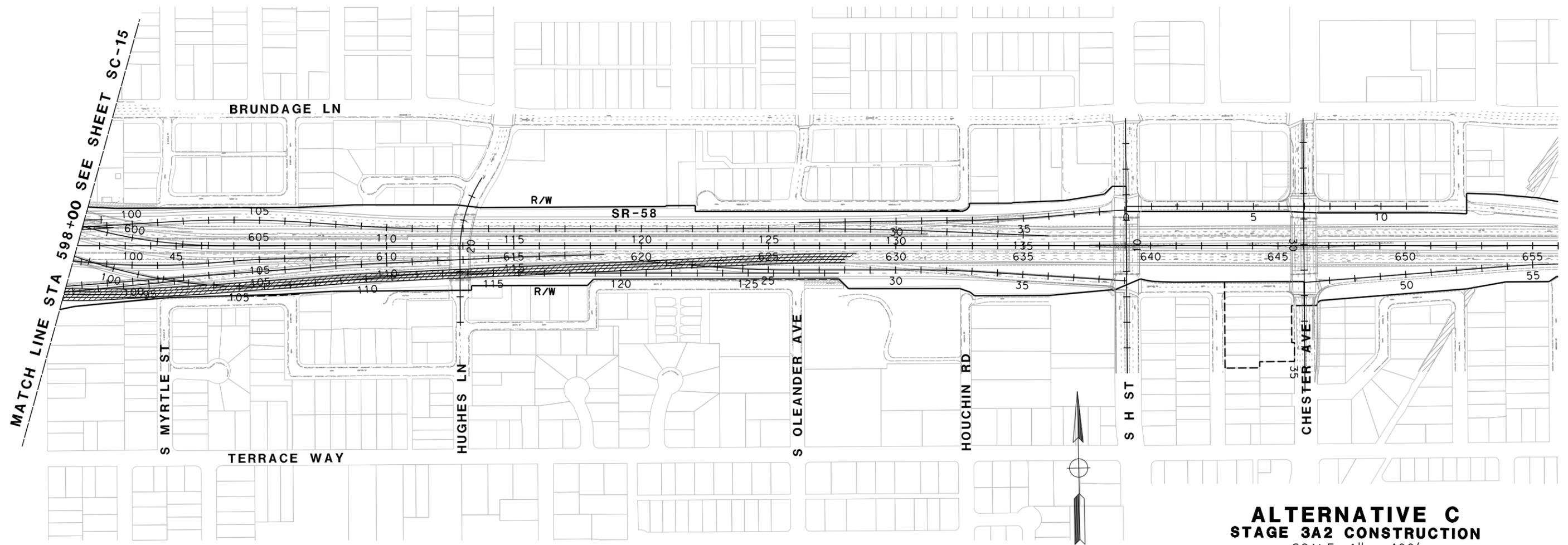
REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS 110 WEST A STREET, SUITE 1050 SAN DIEGO, CALIFORNIA 92101	THOMAS ROAD IMPROVEMENT PROGRAM 900 TRUXTUN AVENUE, SUITE 200 BAKERSFIELD, CALIFORNIA 93301
---	---

DRAFT



ALTERNATIVE C
STAGE 3A2 CONSTRUCTION
SCALE: 1" = 400'

SC-16

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Stantec		CHECKED BY	DATE	

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

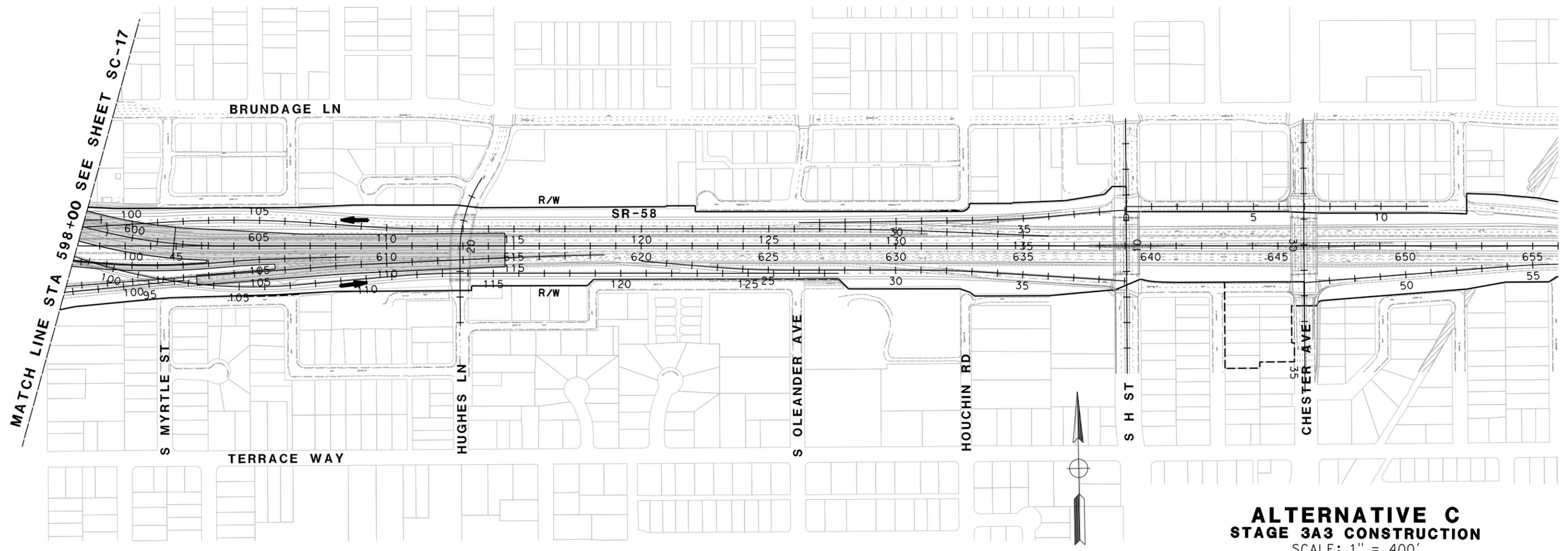
REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS 110 WEST A STREET, SUITE 1050 SAN DIEGO, CALIFORNIA 92101	THOMAS ROAD IMPROVEMENT PROGRAM 900 TRUXTUN AVENUE, SUITE 200 BAKERSFIELD, CALIFORNIA 93301
---	---

DRAFT



ALTERNATIVE C
STAGE 3A3 CONSTRUCTION
SCALE: 1" = 400'

SC-18

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



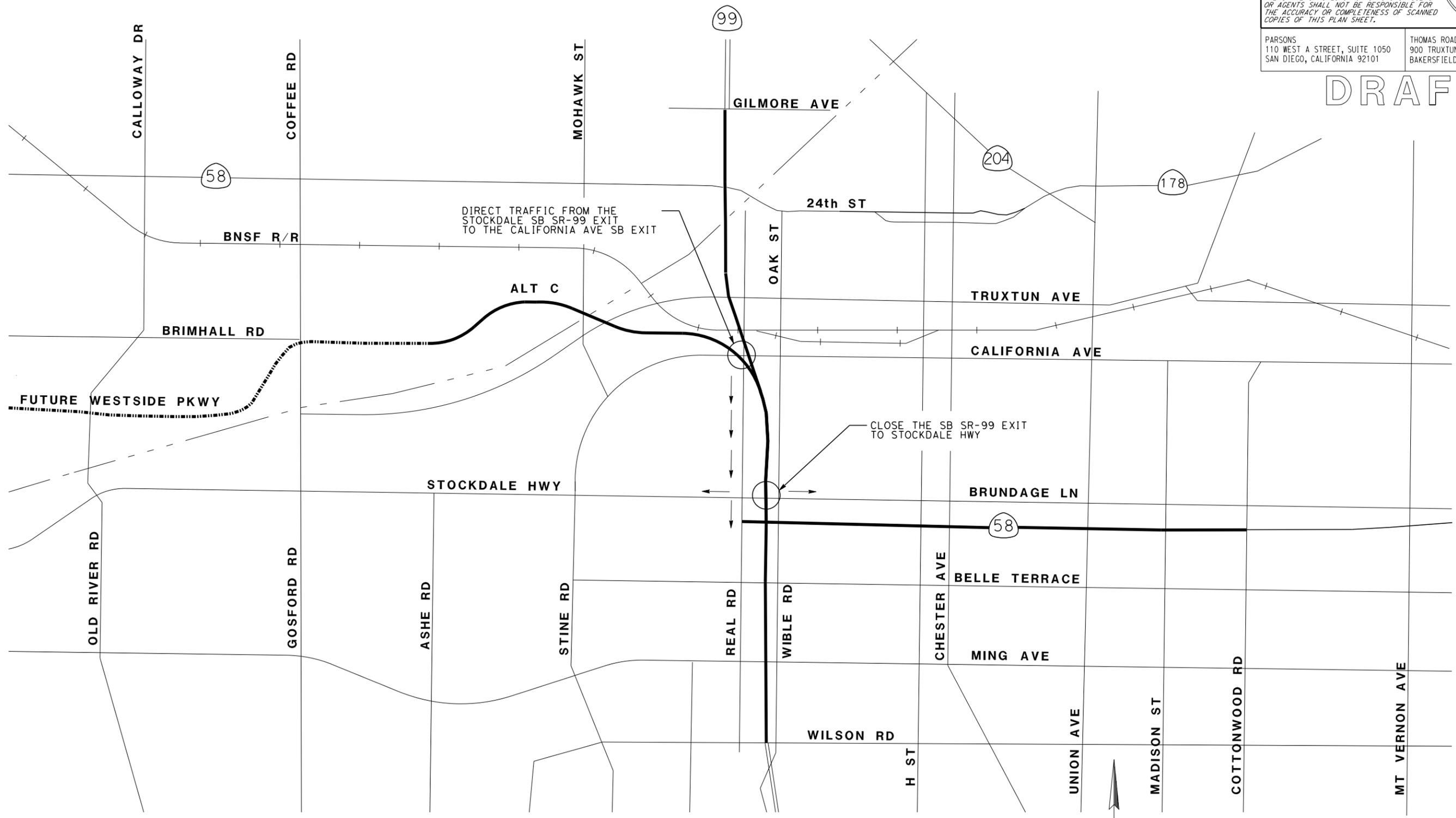
PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT

CONSTRUCTION NOTES:

STAGE 3B
DETOUR SB SR-99 STOCKDALE HWY EXIT TO THE CALIFORNIA AVE EXIT.
THE EXITING TRAFFIC SHALL BE ROUTED TO REAL ROAD WHERE IT INTERSECTS STOCKDALE HWY.



**ALTERNATIVE C
STAGE 3B DETOUR PLAN**

SC-19

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	REVISOR	DATE
Caltrans	DESIGNED BY	CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR		

LAST REVISION DATE PLOTTED => 3/28/2012
03-23-12 TIME PLOTTED => 10:34:52 AM

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT

LEGEND

- PROPOSED CONSTRUCTION
- DETOUR CONSTRUCTION
- REMOVAL
- TRAFFIC FLOW

CONSTRUCTION NOTES:

STAGE 3B

MAINTAIN WB TRAFFIC ON THE W-N CONNECTOR AND THE WB REAL ROAD RAMP.

DETOUR SB SR-99 STOCKDALE HWY EXIT TO THE CALIFORNIA AVE EXIT. THE EXITING TRAFFIC CAN BE DETOURED THROUGH THE LOCAL ROADS AS SHOWN IN THE DETOUR LAYOUT.

ADVANCE WARNING NOTIFICATION AND SIGNAGE SHOULD BE ESTABLISHED FOR THE CONSTRUCTION OF THE STOCKDALE HWY. BRIDGE OVER THE E-S CONNECTOR. DETOUR STOCKDALE HWY WB TRAFFIC TO THE SOUTHERN HALF OF THE BRIDGE FROM WIBLE RD TO REAL RD. THE LANE CONFIGURATION WILL BE REDUCED FROM A 2X2 TO A 1X1 AND MAY REQUIRE REMOVAL OF EXISTING MEDIANS.

PERMANENTLY CLOSE AND REMOVE THE SB SR-99 EXIT RAMP TO STOCKDALE HWY. SECURE TEMPORARY BARRIERS ALONG THE RELOCATED WB TRAFFIC AND REMOVE THE NORTH HALF OF THE EXISTING STOCKDALE BRIDGE.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

PART I

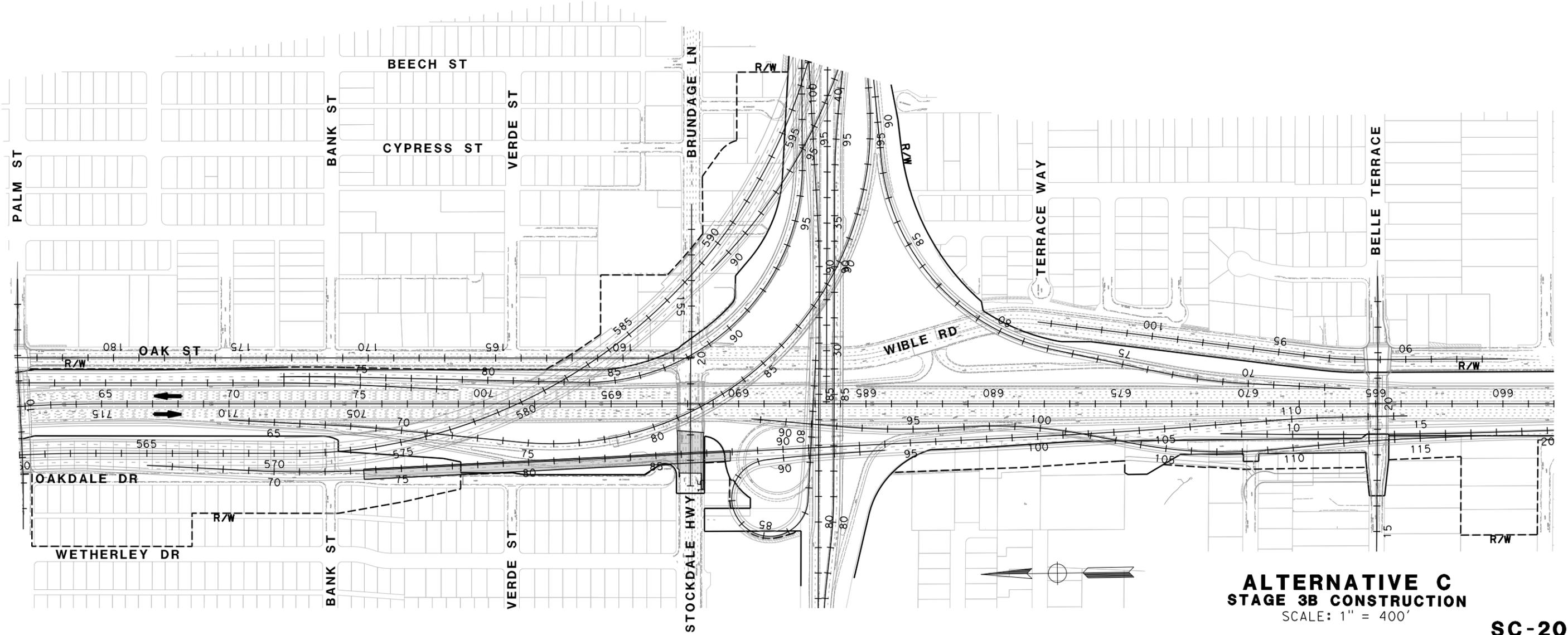
BEGIN CONSTRUCTION OF THE E-S CONNECTOR NORTH OF THE STOCKDALE BRIDGE CONSTRUCTION (SEE STAGE 2B FOR CONNECTION). CONSTRUCT THE NORTH HALF OF THE STOCKDALE BRIDGE.

PART II

SHIFT THE STOCKDALE HWY. TRAFFIC TO THE NEWLY CONSTRUCTED NORTH HALF OF THE BRIDGE. CONSTRUCT THE SOUTHERN HALF OF THE BRIDGE. REMOVE DETOUR AND REASSIGN TRAFFIC AS PROPOSED.

PART III

CONTINUE THE CONSTRUCTION OF THE E-S CONNECTOR TO JUST SOUTH OF STOCKDALE HWY.



ALTERNATIVE C
STAGE 3B CONSTRUCTION
SCALE: 1" = 400'

SC-20

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	CHECKED BY
Et-Caltans			

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISOR BY
 DATE REVISOR

CONSTRUCTION NOTES:

STAGE 4A

SHIFT SB SR-99 TRAFFIC TOWARD THE MEDIAN FROM JUST NORTH OF WILSON AVE. TO JUST NORTH OF CALIFORNIA AVE. SHIFT NB SR-99 TRAFFIC TOWARD THE MEDIAN FROM MING AVE. TO ROSEDALE HWY.

CONSTRUCT THE SB SR-99 OUTSIDE WIDENING. THE S-W CONNECTOR RAMP SHALL REMAIN OPEN WITH A MINIMUM RAMP WIDTH OF 12FT. RAMP WORK AT THE EXIT GORE SHALL BE PERFORMED AS NIGHT TIME WORK.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

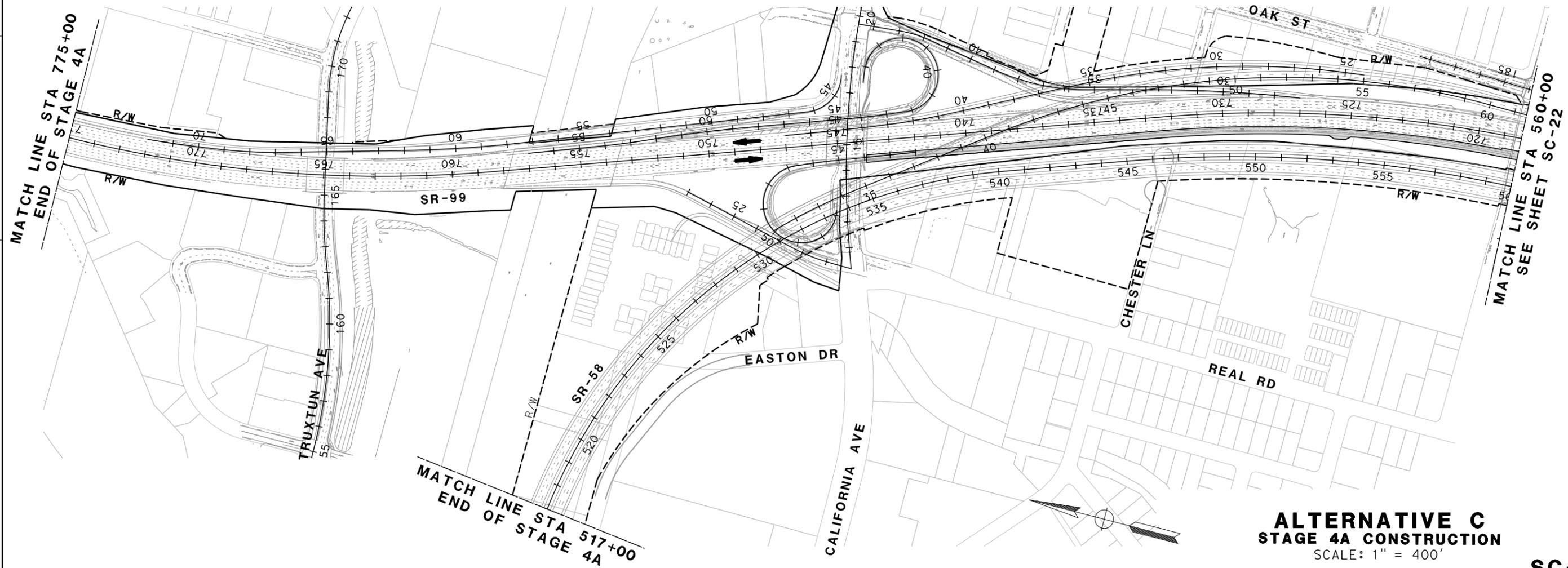
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301



DRAFT



ALTERNATIVE C
STAGE 4A CONSTRUCTION
 SCALE: 1" = 400'

SC-21

LAST REVISION | DATE PLOTTED => 3/28/2012
 03-23-12 | TIME PLOTTED => 10:00:35 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
St. Cattrans		CHECKED BY	DATE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

REGISTERED CIVIL ENGINEER DATE _____

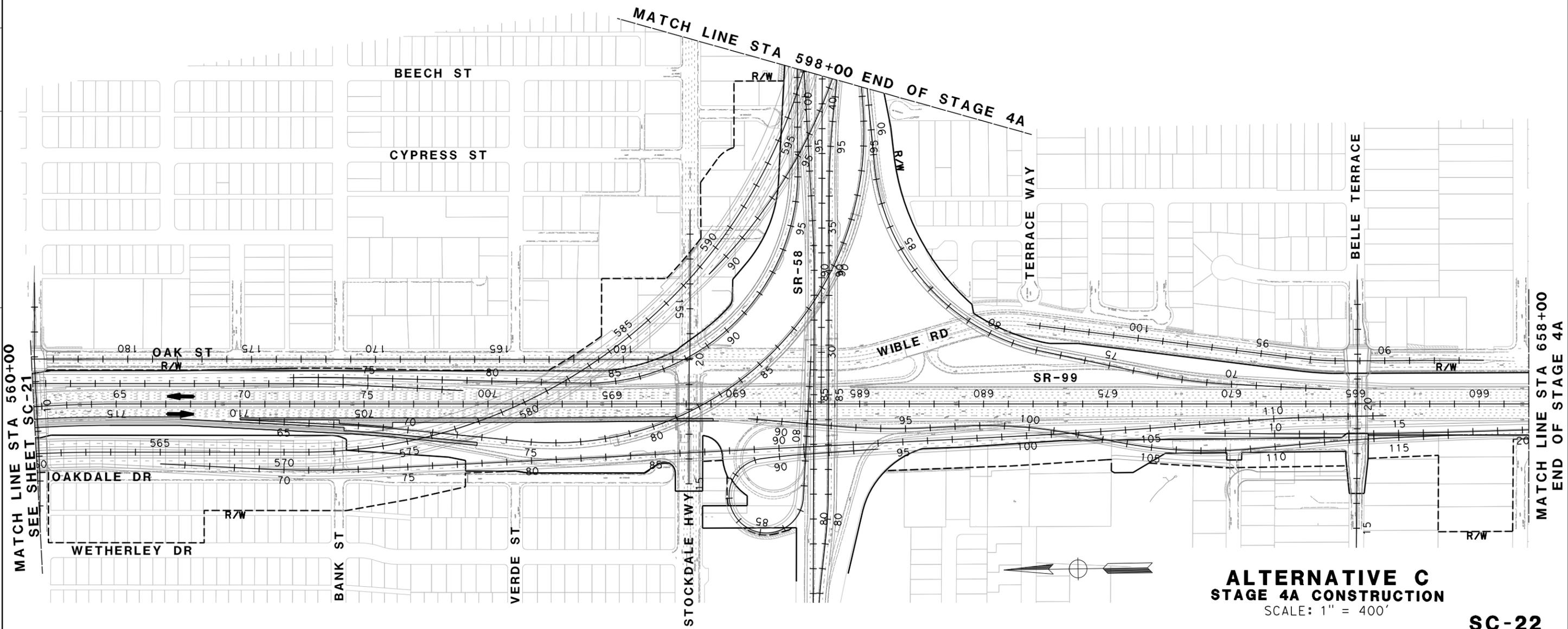
PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE C
STAGE 4A CONSTRUCTION
SCALE: 1" = 400'

SC-22

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISOR BY
 DATE REVISED

CONSTRUCTION NOTES:

STAGE 4B

ADVANCE WARNING NOTIFICATION AND SIGNAGE SHOULD BE ESTABLISHED FOR THE CONSTRUCTION OF THE BELLE TERRACE AVE AND PALM ST BRIDGES OVER SR-99. DURING THE CONSTRUCTION OF THE PALM STREET BRIDGE AN ALTERNATIVE DETOUR CAN BE PROVIDED VIA OAK ST. TO CALIFORNIA AVE (EAST OF SR-99) AND VIA REAL RD. TO CALIFORNIA AVE. (WEST OF SR-99). THE BELLE TERRACE AVE. BRIDGE WILL HAVE A SIMILAR ALTERNATIVE DETOUR VIA WIBLE RD. (EAST) AND REAL RD. (WEST) TO BRUNDAGE LN./STOCKDALE HWY.

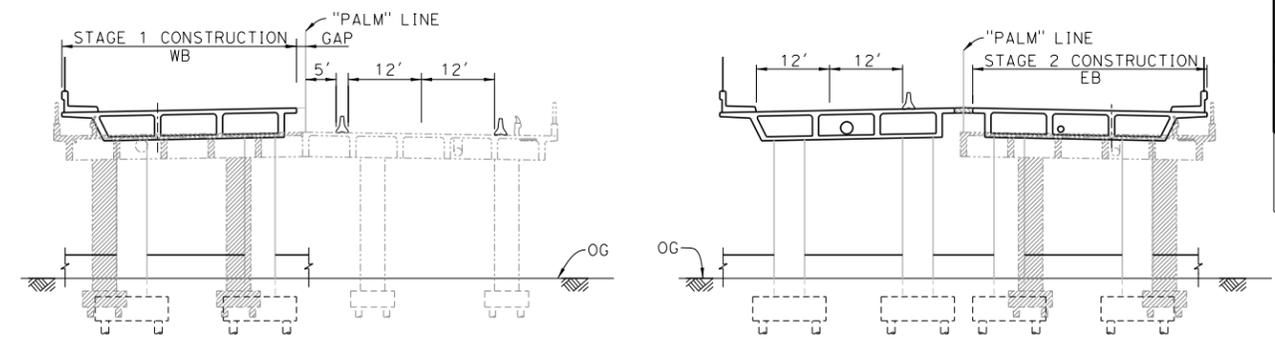
SHIFT THE WB TRAFFIC TO THE SOUTHERN HALF OF THE BRIDGE. SECURE TEMPORARY BARRIERS ALONG THE RELOCATED WB TRAFFIC. PROTECT SR-99 FOR THE REMOVAL OF THE EXISTING STRUCTURE.

CONSTRUCT THE NORTHERN BRIDGE HALVES. SHIFT THE TEMPORARY BARRIERS TO ALLOW FOR CONSTRUCTION OF THE SOUTHERN BRIDGE HALVES. SHIFT THE TRAFFIC AND CONSTRUCT THE SOUTHERN HALF OF THE BRIDGES. REMOVE THE DETOUR AND REASSIGN TRAFFIC AS PROPOSED.

RELOCATE ALAMO ST AT MONA WAY AND MAINTAIN LOCAL ACCESS.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

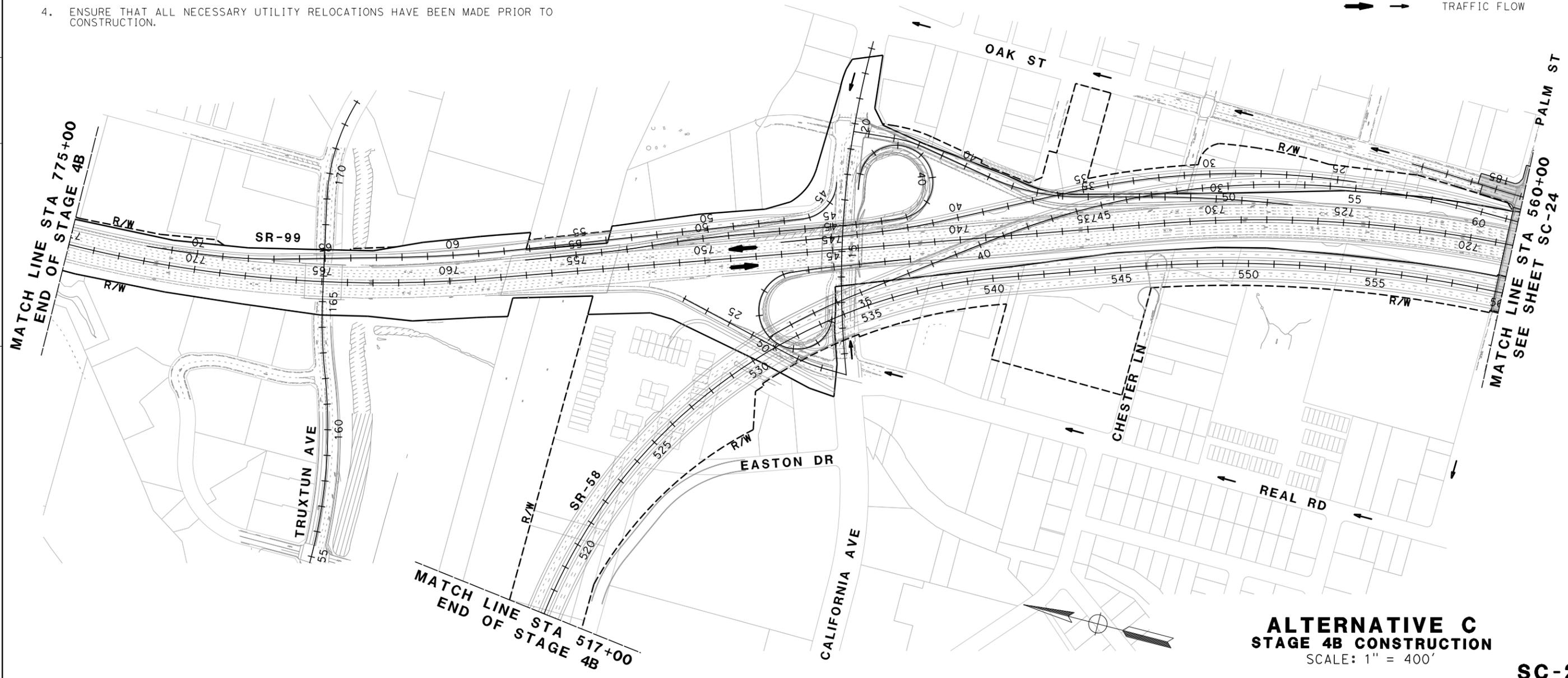


**TYPICAL SECTION
STAGE 1 CONSTRUCTION**

**TYPICAL SECTION
STAGE 2 CONSTRUCTION**

LEGEND

- PROPOSED CONSTRUCTION
- DETOUR CONSTRUCTION
- REMOVAL
- TRAFFIC FLOW



**ALTERNATIVE C
STAGE 4B CONSTRUCTION**
SCALE: 1" = 400'

SC-23

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

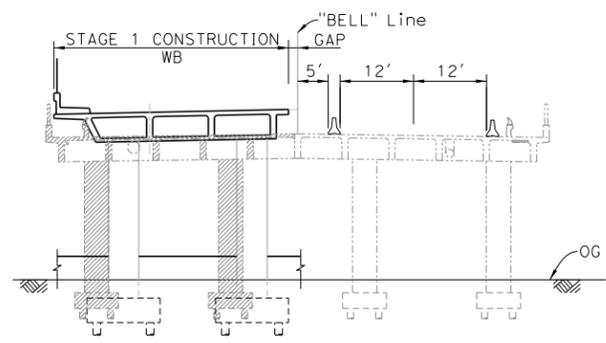
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

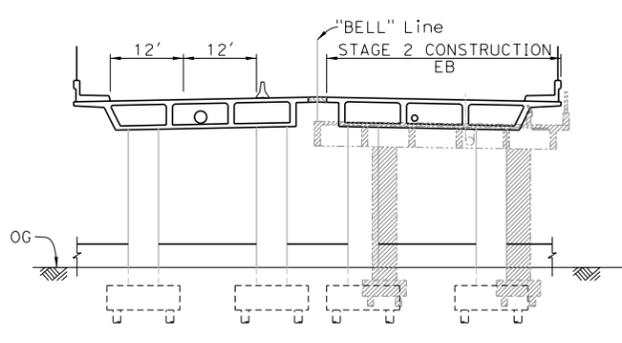
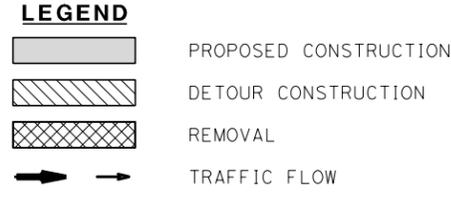
THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301



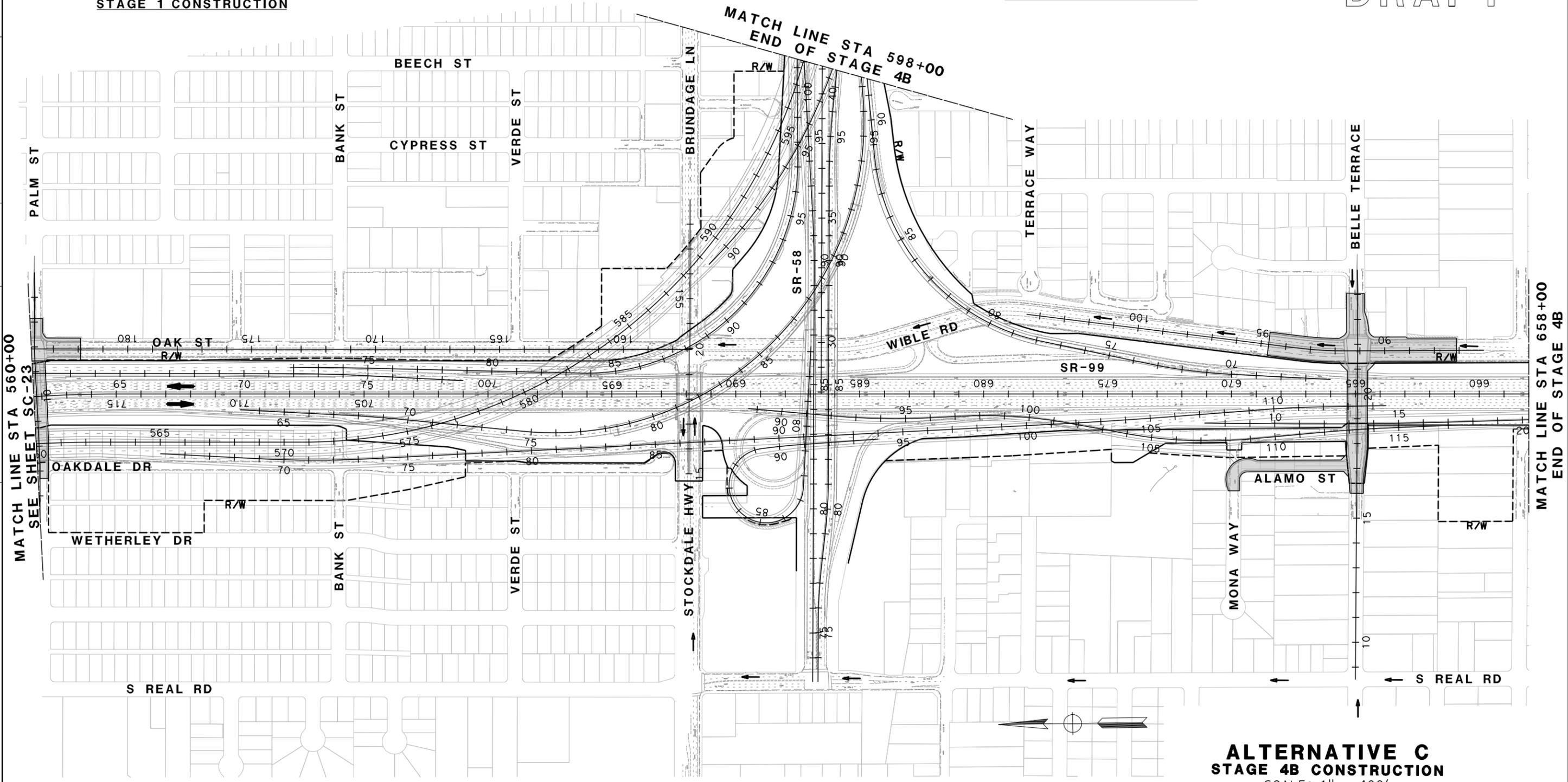
DRAFT



**TYPICAL SECTION
STAGE 1 CONSTRUCTION**



**TYPICAL SECTION
STAGE 2 CONSTRUCTION**



**ALTERNATIVE C
STAGE 4B CONSTRUCTION**
SCALE: 1" = 400'

SC-24

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - CONSULTANT FUNCTIONAL SUPERVISOR - CALCULATED-DESIGNED BY - CHECKED BY - REVISED BY - DATE REVISED



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT

CONSTRUCTION NOTES:

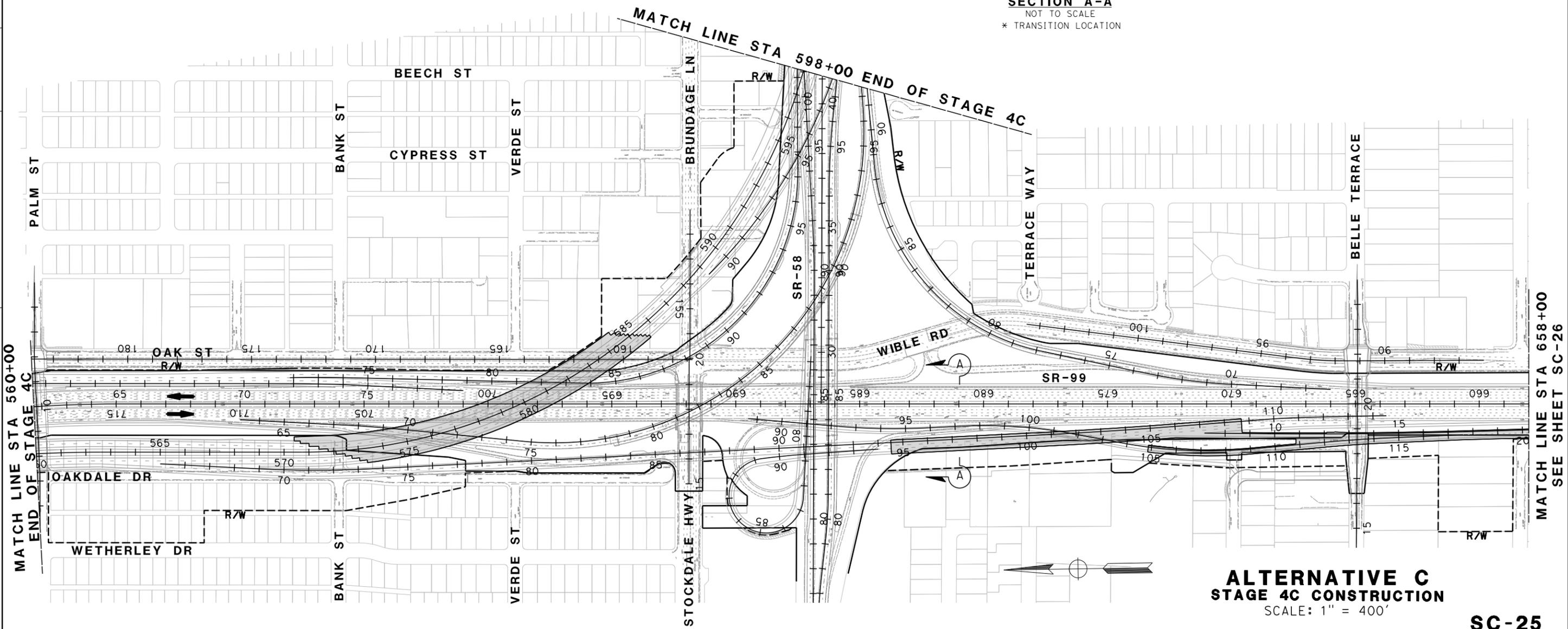
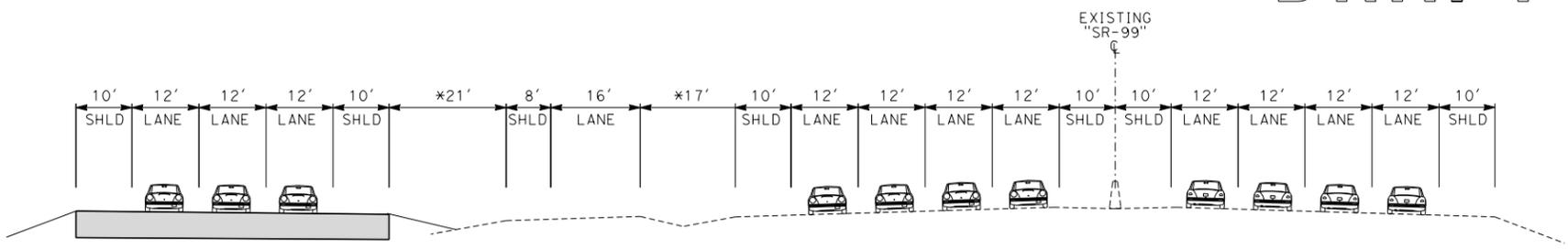
- STAGE 4C
CONSTRUCT SR-58 OVER SR-99 SEPARATION STRUCTURE.
- CONSTRUCT A DETOUR RAMP EAST OF THE SB ENTRANCE RAMP FROM MING AVE. SHIFT TRAFFIC TO THE DETOUR AND CONSTRUCT THE IMPROVEMENTS TO THE SB ENTRANCE RAMP FROM MING AVE.
- CONSTRUCT THE PIER/COLUMNS FOR THE SR-99 SB EXIT TO MING AVE, PRIOR TO CONSTRUCTING THE E-S CONNECTOR FROM JUST SOUTH OF THE EXISTING SB ENTRANCE RAMP FROM REAL RD TO THE SB EXIT GORE TO MING RD.
- CONSTRUCT THE SR-99 SB EXIT TO MING AVE, BEGINNING AT THE SOUTHERN END OF THE PROPOSED BRIDGE OVER THE E-S CONNECTOR.
- WIDEN THE EXISTING SB EXIT TO MING AVE.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

- PROPOSED CONSTRUCTION
- DETOUR CONSTRUCTION
- REMOVAL
- TRAFFIC FLOW



ALTERNATIVE C
STAGE 4C CONSTRUCTION
SCALE: 1" = 400'

SC-25

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CONSULTANT FUNCTIONAL SUPERVISOR
CALCULATED-DESIGNED BY
CHECKED BY
REVISED BY
DATE REVISED



LAST REVISION DATE PLOTTED => 3/28/2012
03-23-12 TIME PLOTTED => 10:03:23 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE
 PLANS APPROVAL DATE
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

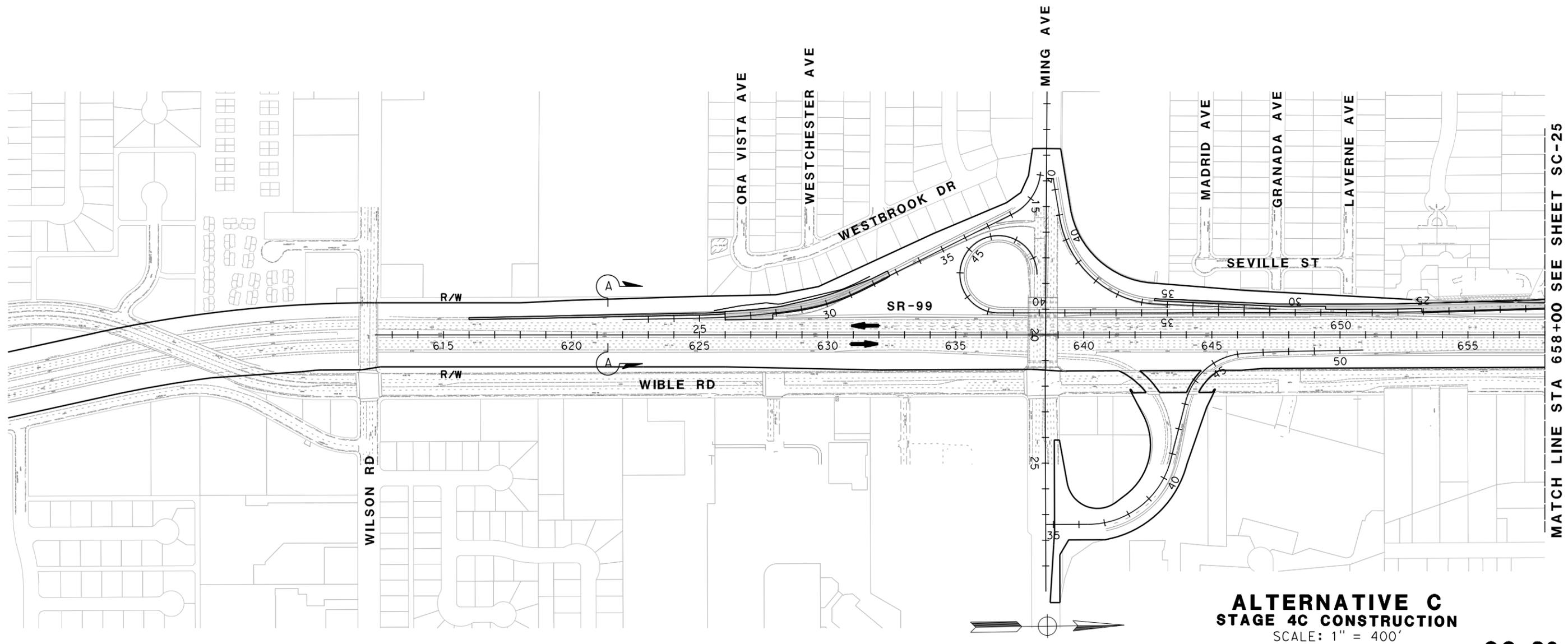
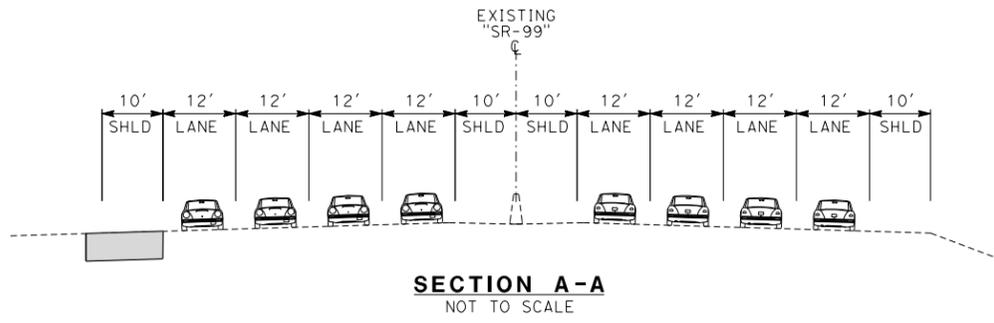


PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101
 THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTON AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

DRAFT

LEGEND

- PROPOSED CONSTRUCTION
- DETOUR CONSTRUCTION
- REMOVAL
- TRAFFIC FLOW



**ALTERNATIVE C
 STAGE 4C CONSTRUCTION**
 SCALE: 1" = 400'

SC-26

MATCH LINE STA 658+00 SEE SHEET SC-25

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISOR BY
 DATE REVISED

CONSTRUCTION NOTES:

STAGE 5A
 CONSTRUCT THE NB AUXILIARY LANE AND N-E CONNECTOR IMPROVEMENTS.
 PERMANENTLY CLOSE THE SR-99 NB EXIT AND ENTRANCE RAMP TO WIBLE ROAD.
 CONSTRUCT THE N-W CONNECTOR C-D ROAD AND THE W-N CONNECTOR.
 CONSTRUCT THE N-W CONNECTOR BRIDGE.
 CONSTRUCT THE W-N CONNECTOR BRIDGE.
 CONSTRUCT THE NEW NB EXIT RAMP TO CALIFORNIA AVE. MAINTAIN TRAFFIC ON THE EXISTING EXIT AND CONSTRUCT THE EAST SIDE OF THE RAMP.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

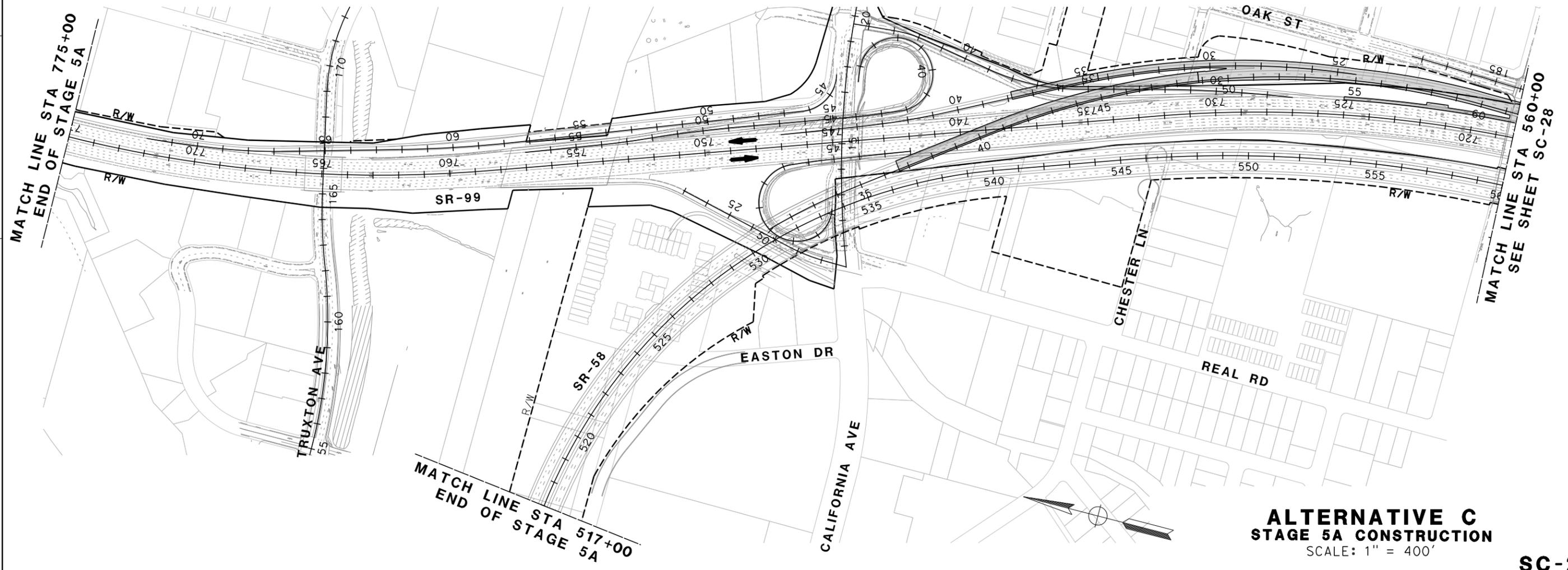
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTON AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE C
STAGE 5A CONSTRUCTION
 SCALE: 1" = 400'

SC-27

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Caltrans		CHECKED BY	DESIGNED BY	REVISION

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

REGISTERED CIVIL ENGINEER DATE _____

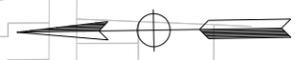
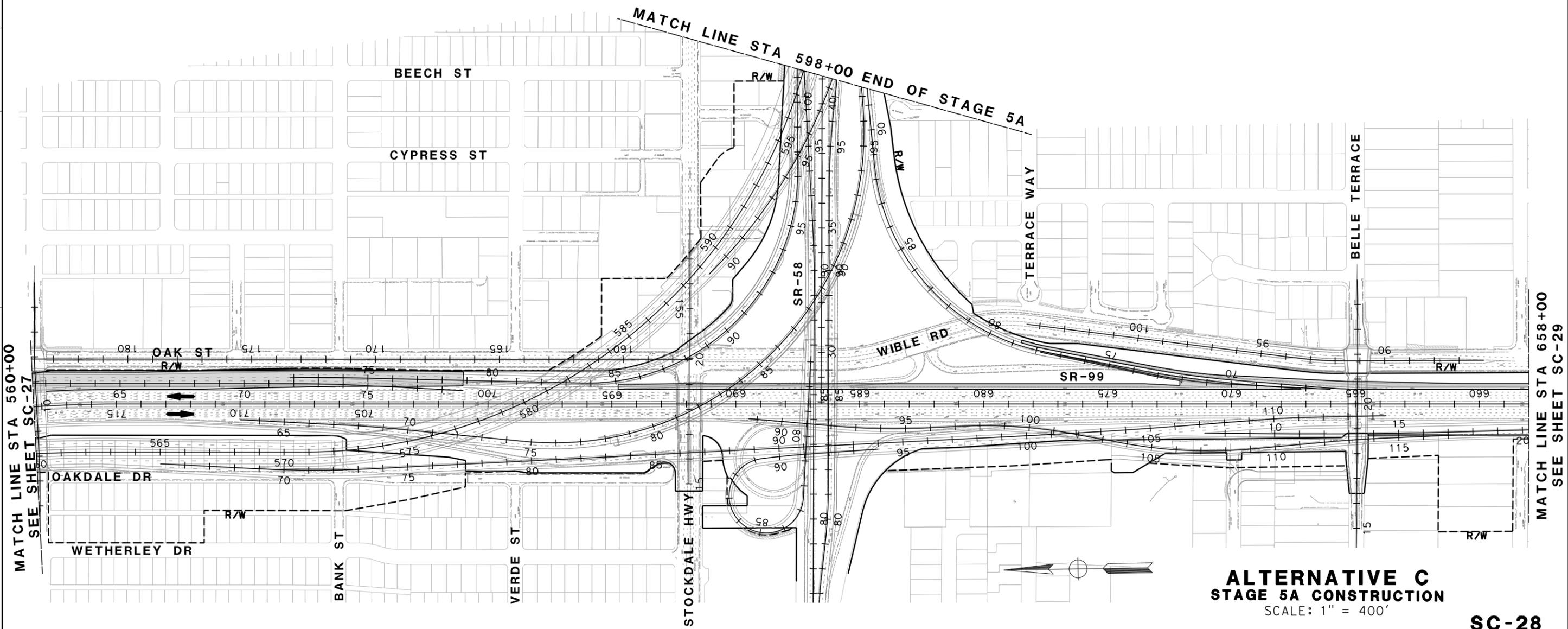
PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE C
STAGE 5A CONSTRUCTION
SCALE: 1" = 400'

SC-28

LAST REVISION DATE PLOTTED => 3/28/2012 03-23-12 TIME PLOTTED => 10:05:20 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
St. Catrans		CHECKED BY	DESIGNED BY	REVISION

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

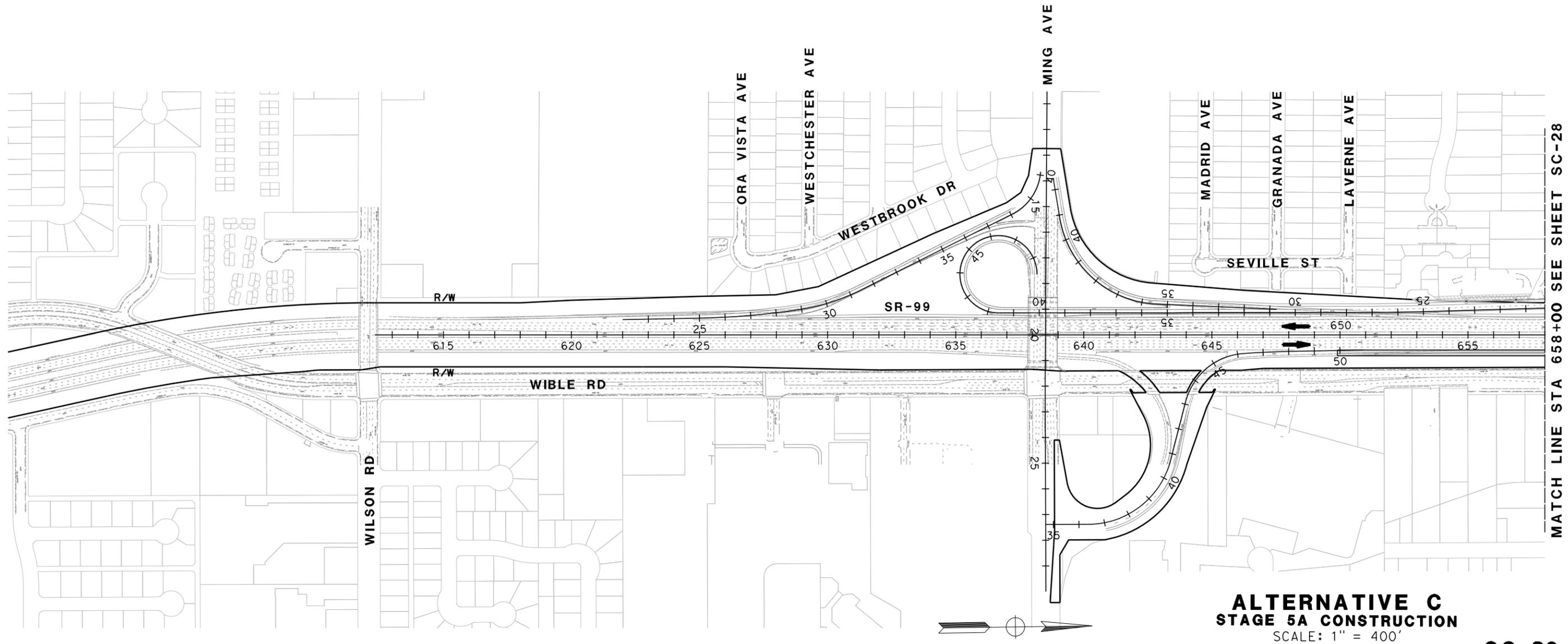
PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

DRAFT



MATCH LINE STA 658+00 SEE SHEET SC-28

**ALTERNATIVE C
STAGE 5A CONSTRUCTION**
SCALE: 1" = 400'

SC-29

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

CONSTRUCTION NOTES:

STAGE 5B
 CLOSE THE EXISTING NB EXIT RAMP TO CALIFORNIA AVE AND SHIFT TRAFFIC TO THE NEW EXIT. CONSTRUCT THE REMAINDER OF THE RAMP.
 CLOSE THE EXISTING CALIFORNIA AVE NB ENTRANCE RAMP AND DETOUR TRAFFIC THROUGH OAK ST-ROSEDALE HWY-BUCK OWENS BLVD AND TO THE SR-99 ENTRANCE RAMP AT SILLECT AVE.
 CONSTRUCT THE CALIFORNIA AVE NB ENTRANCE RAMP IMPROVEMENTS.
 CONSTRUCT THE NB AUXILIARY LANE BETWEEN CALIFORNIA AVE AND ROSEDALE HWY.
 CONSTRUCT THE CALIFORNIA AVE NB ON RAMP AND BRIDGE OVER THE RAILROAD.

GENERAL NOTES:

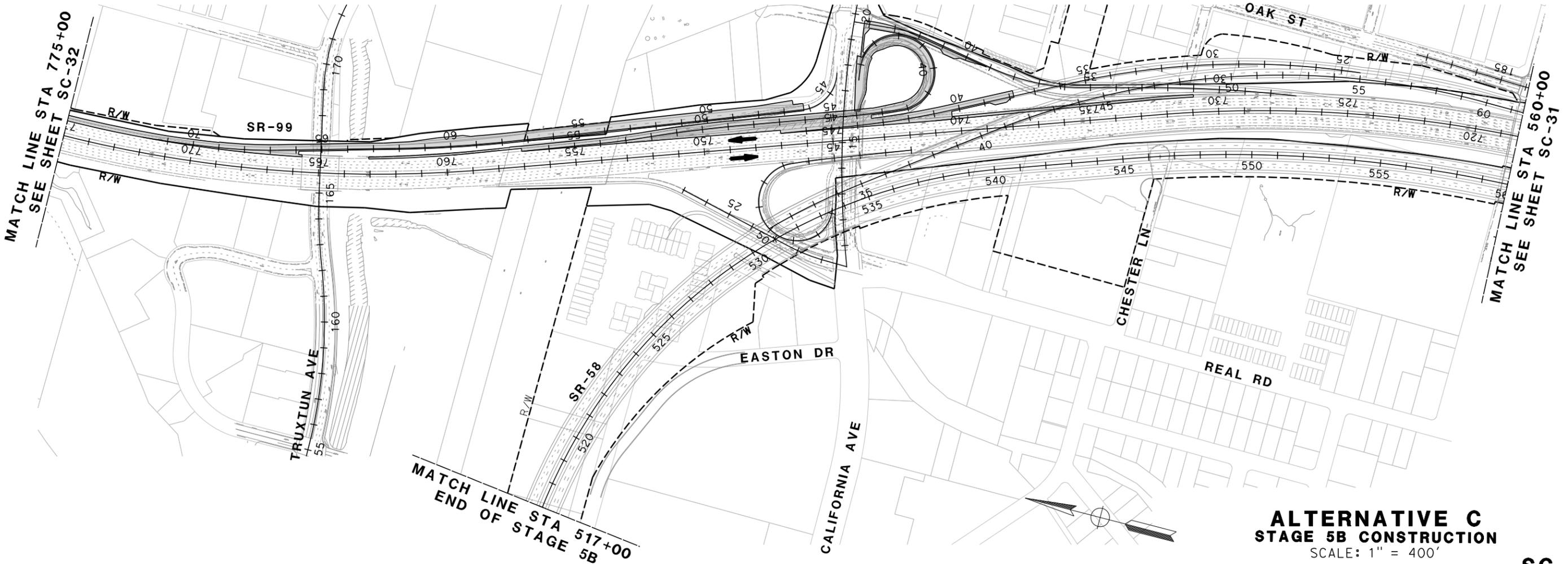
1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		
REGISTERED CIVIL ENGINEER DATE					
PLANS APPROVAL DATE					
					
PARSONS 110 WEST A STREET, SUITE 1050 SAN DIEGO, CALIFORNIA 92101			THOMAS ROAD IMPROVEMENT PROGRAM 900 TRUXTUN AVENUE, SUITE 200 BAKERSFIELD, CALIFORNIA 93301		

DRAFT



ALTERNATIVE C
STAGE 5B CONSTRUCTION
 SCALE: 1" = 400'

SC-30

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Stantec		CHECKED BY	DESIGNED BY	REVISION

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

REGISTERED CIVIL ENGINEER DATE _____

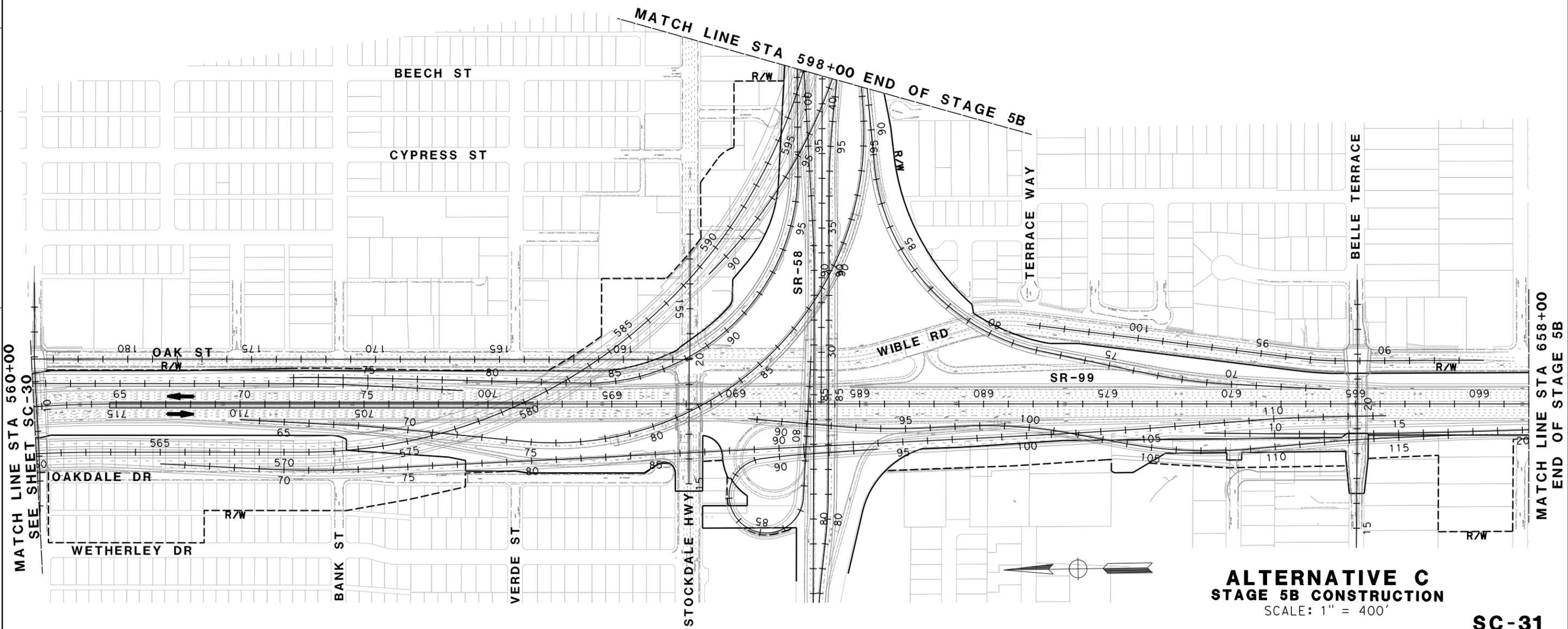
PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT

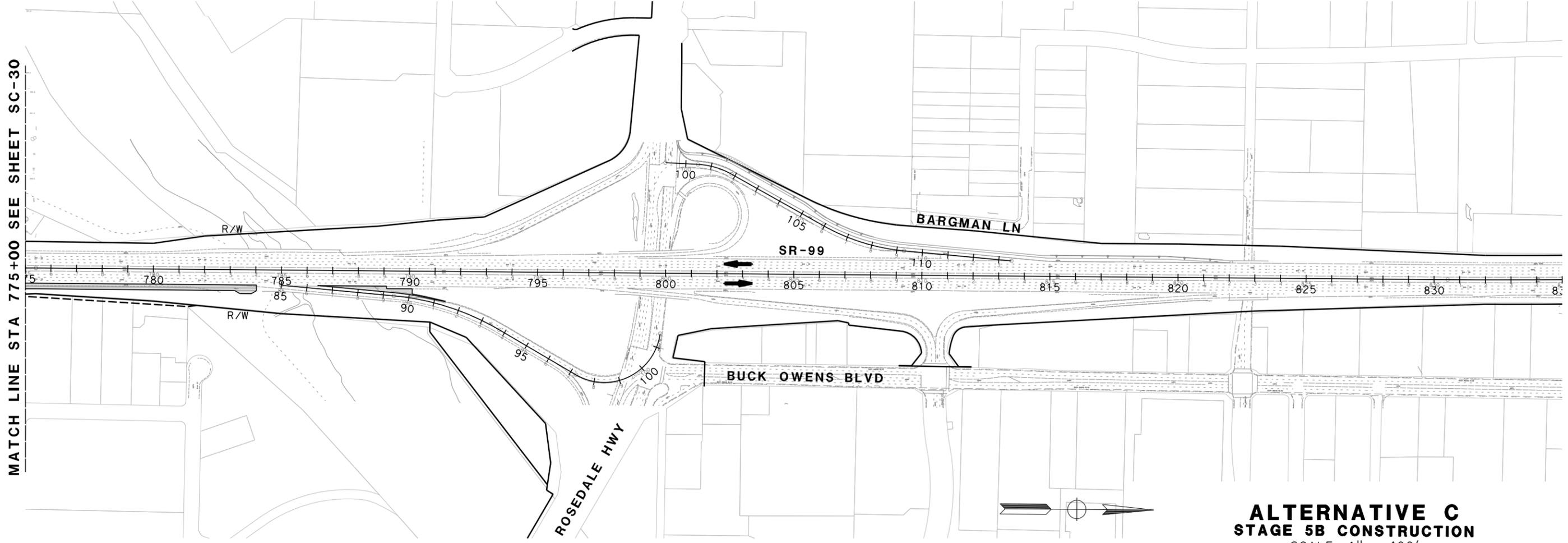


ALTERNATIVE C
STAGE 5B CONSTRUCTION
SCALE: 1" = 400'

SC-31

LAST REVISION DATE PLOTTED => 3/28/2012
03-23-12 TIME PLOTTED => 10:07:28 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Stantec		CHECKED BY	DESIGNED BY	DATE



LEGEND

- PROPOSED CONSTRUCTION
- DETOUR CONSTRUCTION
- REMOVAL
- TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT

MATCH LINE STA 775+00 SEE SHEET SC-30

ALTERNATIVE C
STAGE 5B CONSTRUCTION
SCALE: 1" = 400'

SC-32

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISOR BY
 DATE REVISED

CONSTRUCTION NOTES:

STAGE 6

SHIFT SR-99 TRAFFIC TO THE OUTSIDE AND CONSTRUCT THE MEDIAN BARRIERS.

PART I

CONSTRUCT THE H ST C-D ROAD BEGINNING AT THE GRADE SEPARATION OVER SR-58 AND ENDING AT THE EXISTING SR-58 EXIT RAMP TO H ST.

PART II

CLOSE AND REMOVE THE EB H ST EXIT RAMP. DELAY WIDENING OF EB UNION AVE EXIT RAMP TO REDUCE ADDITIONAL DELAY THAT MAY BE CAUSED BY THE H ST EXIT CLOSURE. DETOUR TRAFFIC TO THE UNION AVE EXIT RAMP. DETOURED TRAFFIC TRAVELING NORTH WILL BE DIRECTED THROUGH UNION AVE TO BRUNDAGE LANE AND BACK TO H ST. DETOURED TRAFFIC TRAVELING SOUTH WILL BE DIRECTED THROUGH S. UNION AVE TO BELLE TERRACE AND BACK TO S. H ST.

COMPLETE THE CONSTRUCTION OF THE H ST C-D ROAD AND SR-58 EXIT TO H ST. REOPEN THE EB EXIT TO H ST.

PART III

CLOSE AND WIDEN THE EB UNION AVE EXIT. PLACE ADVANCE WARNING SIGNS PRIOR TO THE H ST EXIT AND AT LOCAL ROADS. TRAFFIC SHOULD BE DETOURED IN REVERSE ORDER OF THE H ST EXIT RAMP CLOSURE.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

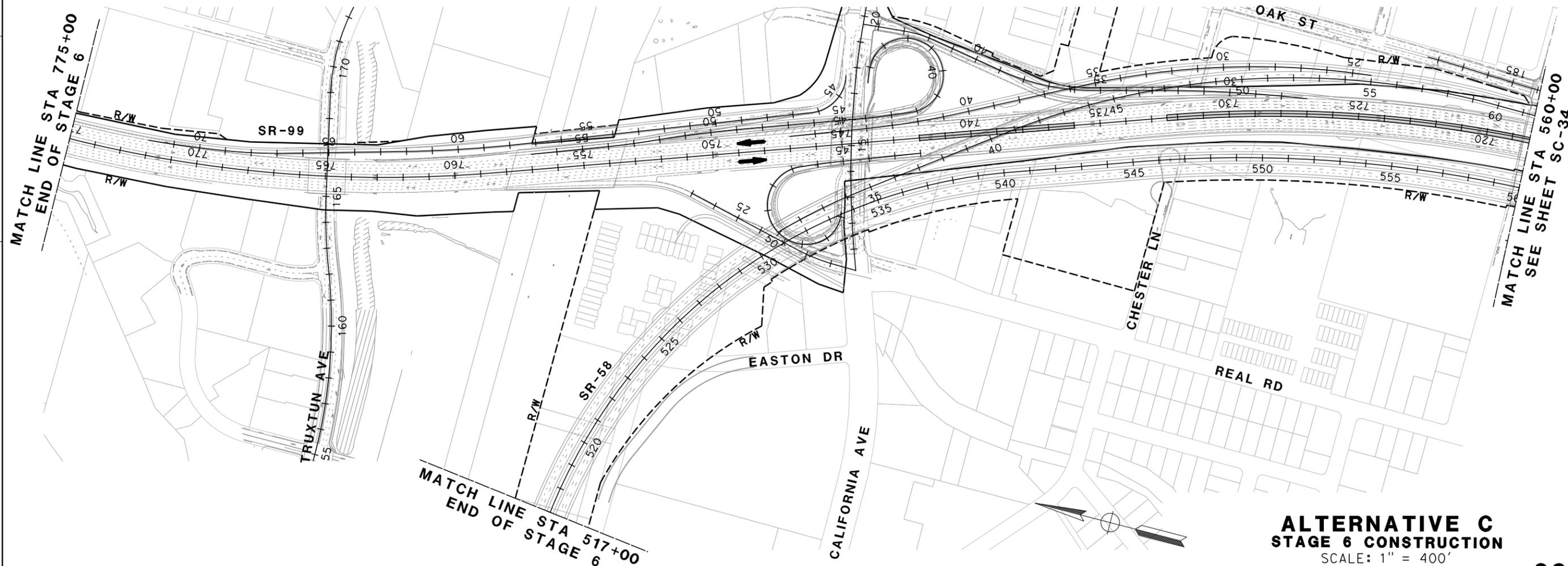
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301



DRAFT



ALTERNATIVE C
STAGE 6 CONSTRUCTION
 SCALE: 1" = 400'

SC-33

LAST REVISION DATE PLOTTED => 3/28/2012 03-23-12 TIME PLOTTED => 10:08:48 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Stantec		CHECKED BY	DESIGNED BY	REVISION

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

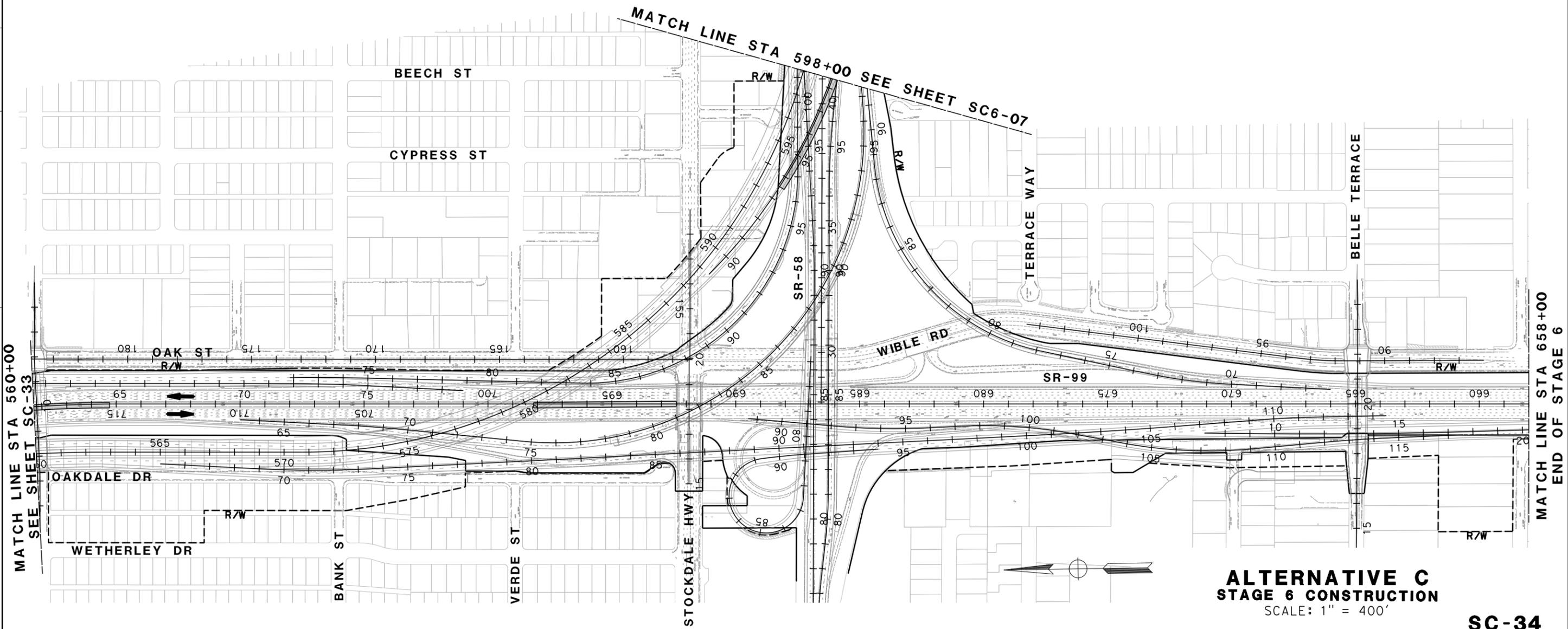
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301



DRAFT



ALTERNATIVE C
STAGE 6 CONSTRUCTION
SCALE: 1" = 400'

SC-34

LAST REVISION DATE PLOTTED => 3/28/2012
03-23-12 TIME PLOTTED => 10:09:27 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Stantec		CHECKED BY	DATE	

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

REGISTERED CIVIL ENGINEER DATE _____

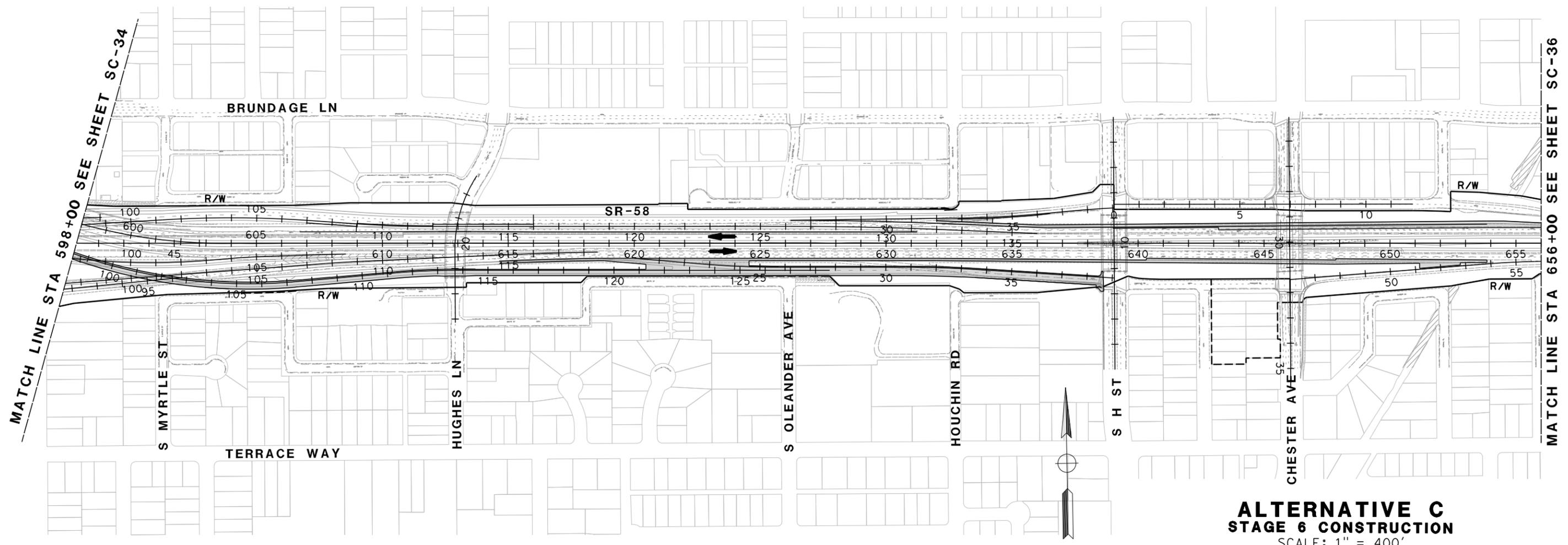
PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT



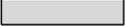
ALTERNATIVE C
STAGE 6 CONSTRUCTION
SCALE: 1" = 400'

SC-35

LAST REVISION DATE PLOTTED => 3/28/2012
03-23-12 TIME PLOTTED => 10:10:07 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED/DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE

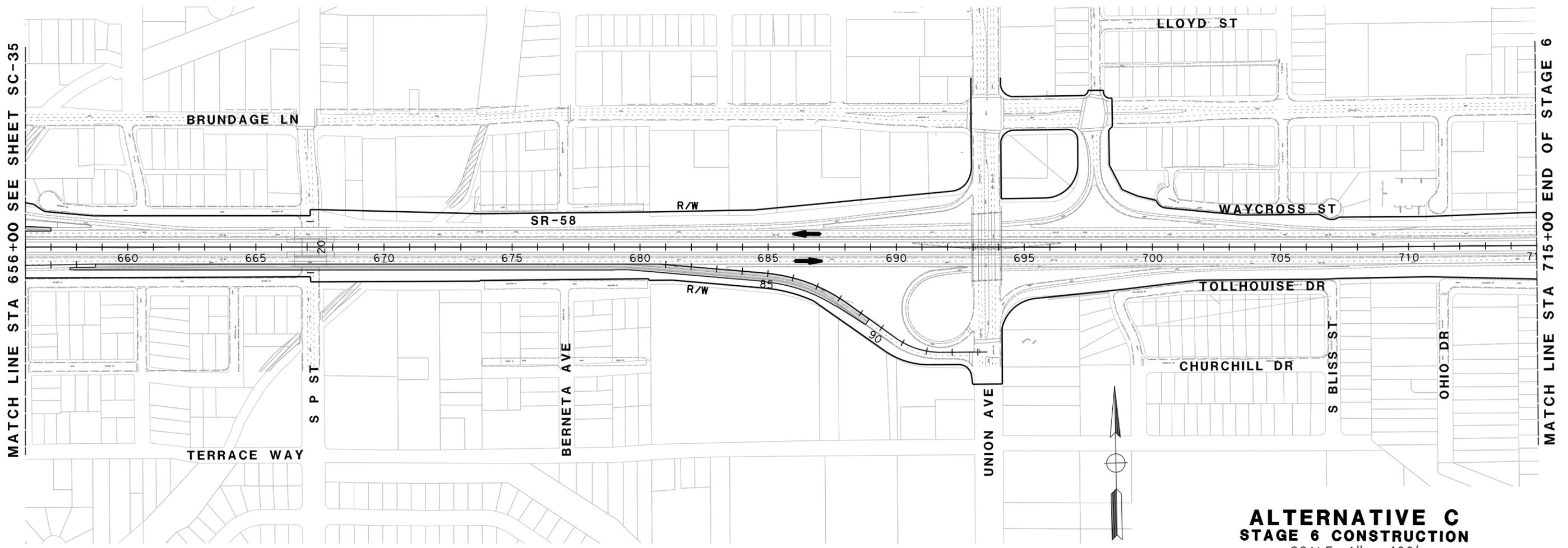
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE C
STAGE 6 CONSTRUCTION
 SCALE: 1" = 400'

SC-36

LAST REVISION DATE PLOTTED => 3/28/2012
 03-23-12 TIME PLOTTED => 10:24:08 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	REVISOR	DATE
Et Caltrans	DESIGNED BY	CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED BY	
DEPARTMENT OF TRANSPORTATION	REVISOR	DATE
	DESIGNED BY	CHECKED BY
	CALCULATED BY	
	REVISOR	DATE
	DESIGNED BY	CHECKED BY
	CALCULATED BY	

CONSTRUCTION NOTES:
 STAGE 7A - APPLY THIS DETOUR AS SHOWN.
 STAGE 7B & 7C - THIS DETOUR WILL BE APPLICABLE FOR EB AND WB MOVEMENT EXITING TO SR-99 SB. THE EB LANES WILL BE REOPENED FOR THROUGH TRAFFIC TO EB SR-58.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

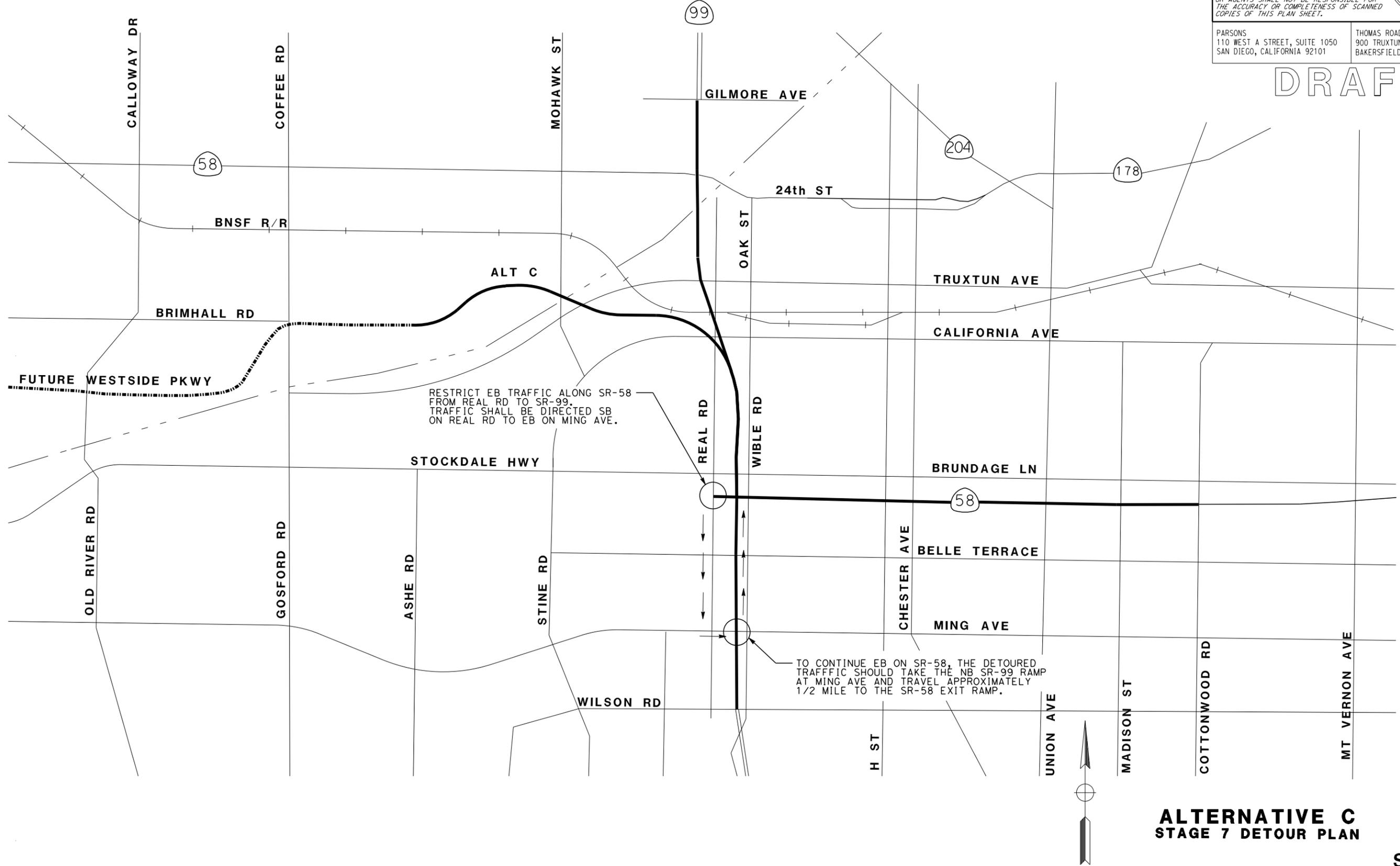
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301



DRAFT



**ALTERNATIVE C
STAGE 7 DETOUR PLAN**

SC-37

LAST REVISION DATE PLOTTED => 3/28/2012
03-23-12 TIME PLOTTED => 10:52:24 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

CONSTRUCTION NOTES:

STAGE 7A
 DETOUR EB REAL ROAD TRAFFIC TO THE SR-99 SB ON RAMP (DETOUR TO NB SR-99 AT MING AVE).
 CONSTRUCT A CROSS-OVER DETOUR FOR WB SR-58 TO REAL ROAD.
 CONSTRUCT A TEMPORARY DETOUR FOR THE W-S CONNECTOR TRAFFIC FROM THE EB LANES TO THE EXISTING CONNECTOR.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

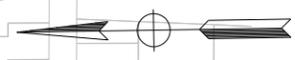
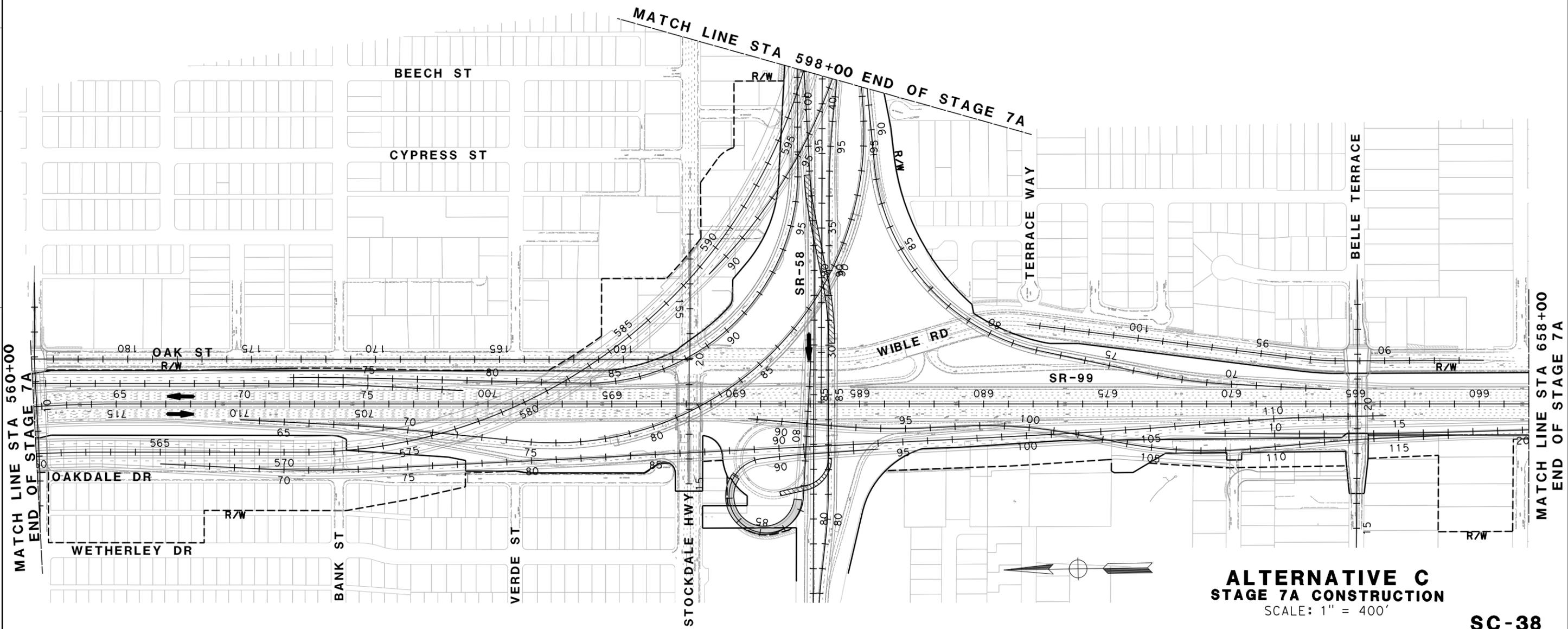
REGISTERED CIVIL ENGINEER DATE _____
 PLANS APPROVAL DATE _____
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTUN AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE C
STAGE 7A CONSTRUCTION
 SCALE: 1" = 400'

SC-38

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISOR BY
 DATE REVISED

CONSTRUCTION NOTES:

STAGE 7B
 PART I
 SHIFT TRAFFIC TO THE WB SR-58 DETOUR AND CONSTRUCT THE W-S CONNECTOR (NORTH) BRIDGE.
 WIDEN THE WB SR-58 SEPARATION STRUCTURE OVER SR-99.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

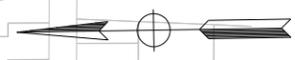
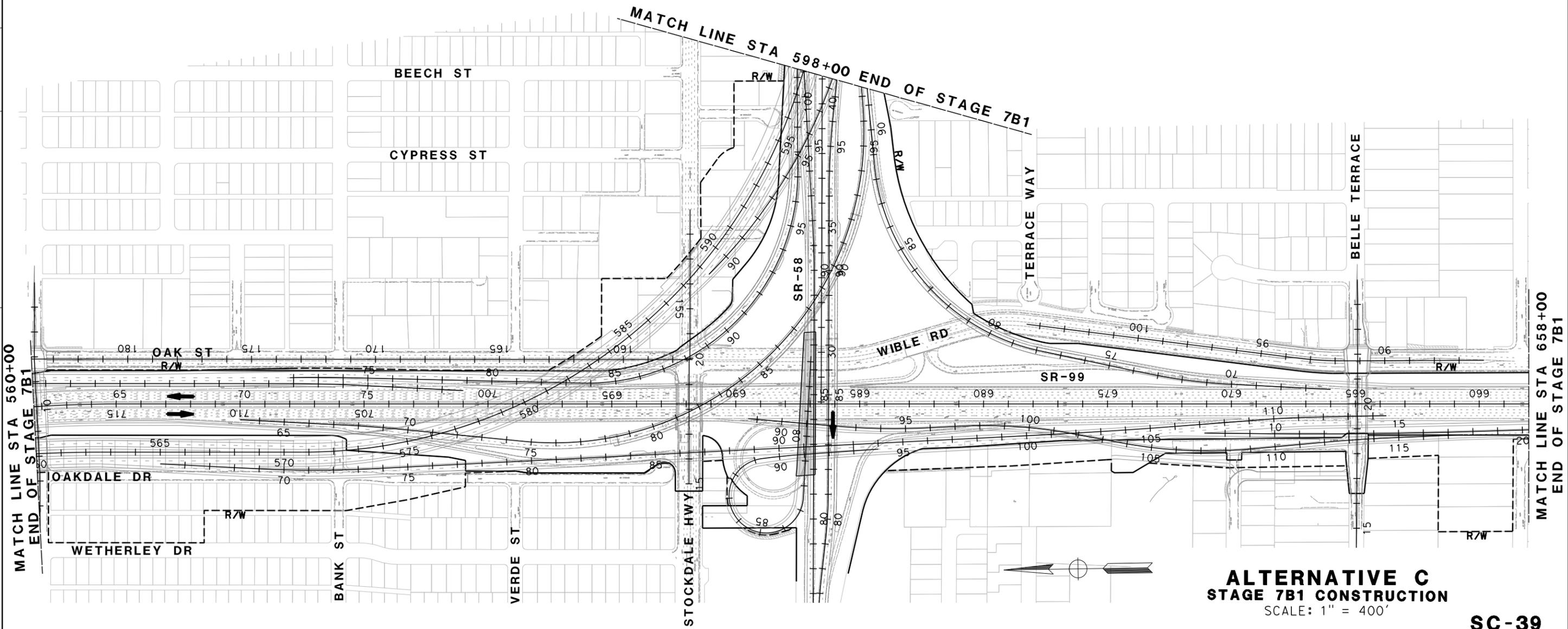
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTUN AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE C
STAGE 7B1 CONSTRUCTION
 SCALE: 1" = 400'

SC-39

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISOR BY
 DATE REVISED

CONSTRUCTION NOTES:

STAGE 7B
 PART II

SHIFT THE WB SR-58 TRAFFIC TO REAL ROAD AND W-S CONNECTOR TRAFFIC BACK ONTO THE SR-58 WB LANES. CLOSE OFF THE ACCESS TO THE W-S CONNECTOR. DETOUR THE W-S CONNECTOR TRAFFIC TO MING AVE. CLOSE THE EB LANES TO ALL TRAFFIC. CONSTRUCT THE W-S CONNECTOR (SOUTH) BRIDGE.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

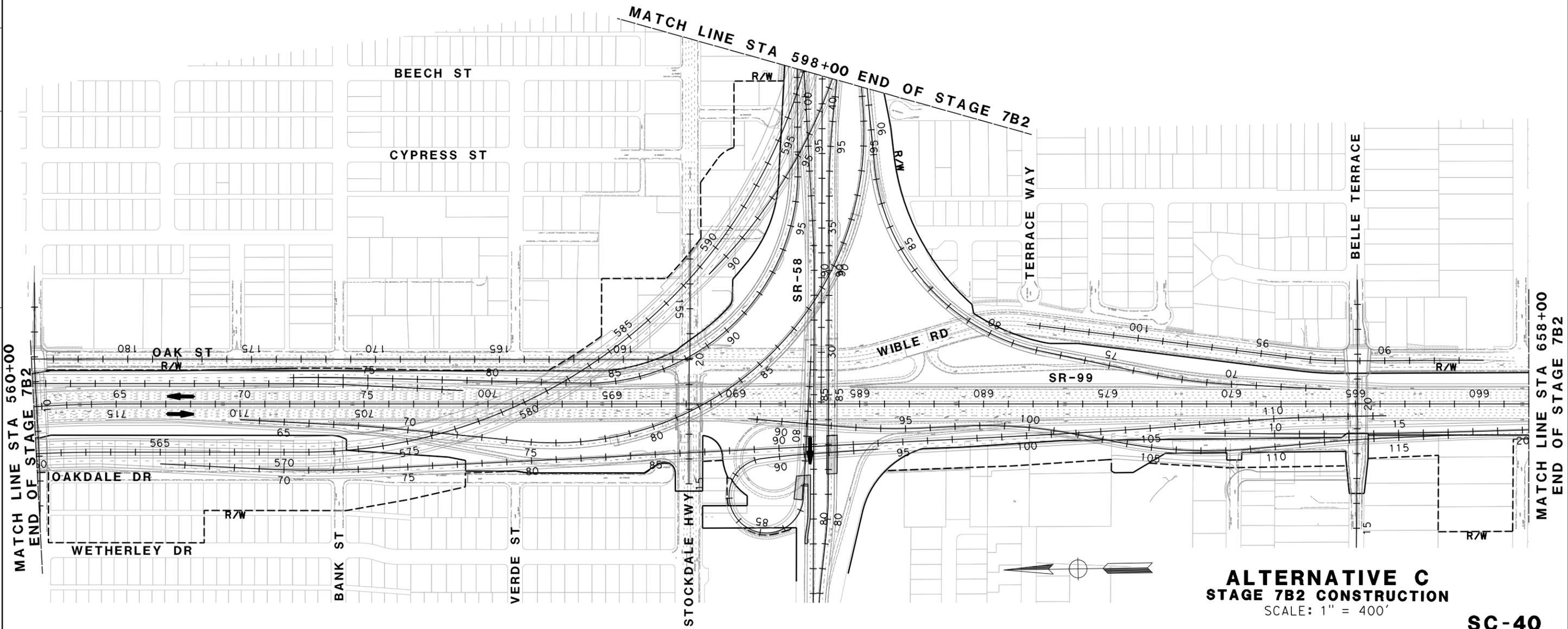
PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTUN AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE C
STAGE 7B2 CONSTRUCTION
 SCALE: 1" = 400'

SC-40

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

CONSTRUCTION NOTES:

STAGE 7B
 PART III
 PERMANENTLY REMOVE THE REAL ROAD E-S ENTRANCE RAMP.
 COMPLETE THE CONSTRUCTION OF THE W-S CONNECTOR.
 COMPLETE THE E-S CONNECTOR.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

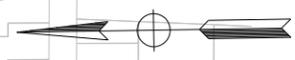
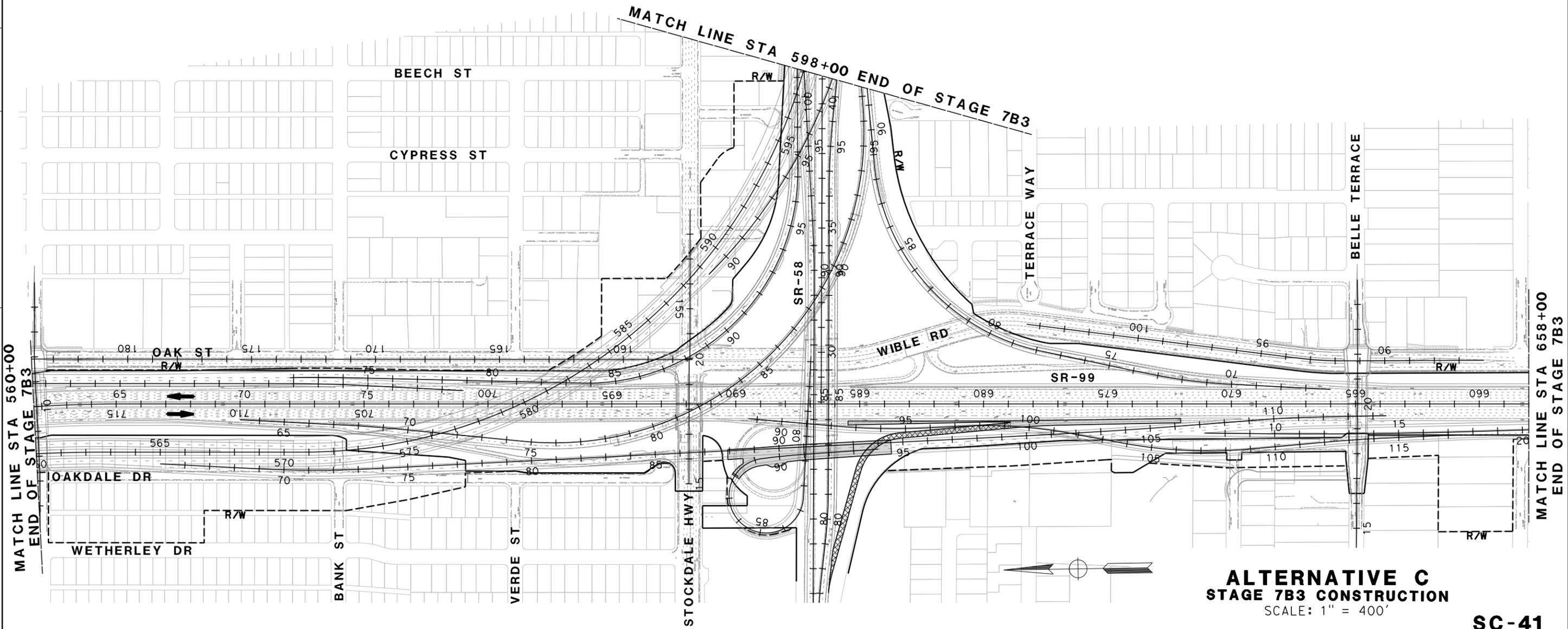
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTUN AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

DRAFT



ALTERNATIVE C
STAGE 7B3 CONSTRUCTION
 SCALE: 1" = 400'

SC-41

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____
 PLANS APPROVAL DATE _____
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTUN AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

DRAFT

CONSTRUCTION NOTES:

STAGE 7C

COMPLETE THE CONSTRUCTION OF THE SB EXIT RAMP TO MING AVE & SB AUXILIARY LANE BETWEEN SR-99 AND BELLE TERRACE.

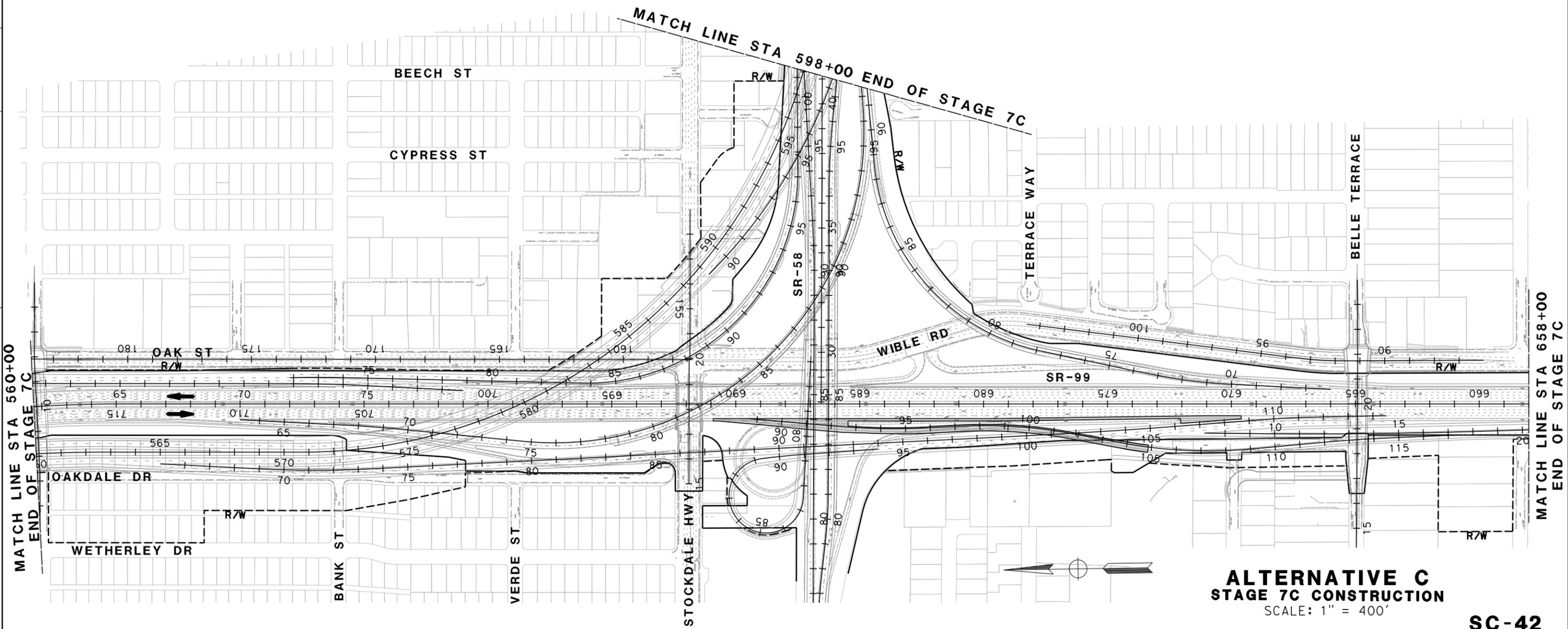
GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

- PROPOSED CONSTRUCTION
- DETOUR CONSTRUCTION
- REMOVAL
- TRAFFIC FLOW

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
Caltrans		CHECKED BY	DATE REVISED



ALTERNATIVE C
STAGE 7C CONSTRUCTION
 SCALE: 1" = 400'

SC-42

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____
 PLANS APPROVAL DATE _____
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PARSONS
 110 WEST A STREET, SUITE 1050
 SAN DIEGO, CALIFORNIA 92101
 THOMAS ROAD IMPROVEMENT PROGRAM
 900 TRUXTUN AVENUE, SUITE 200
 BAKERSFIELD, CALIFORNIA 93301

DRAFT

CONSTRUCTION NOTES:

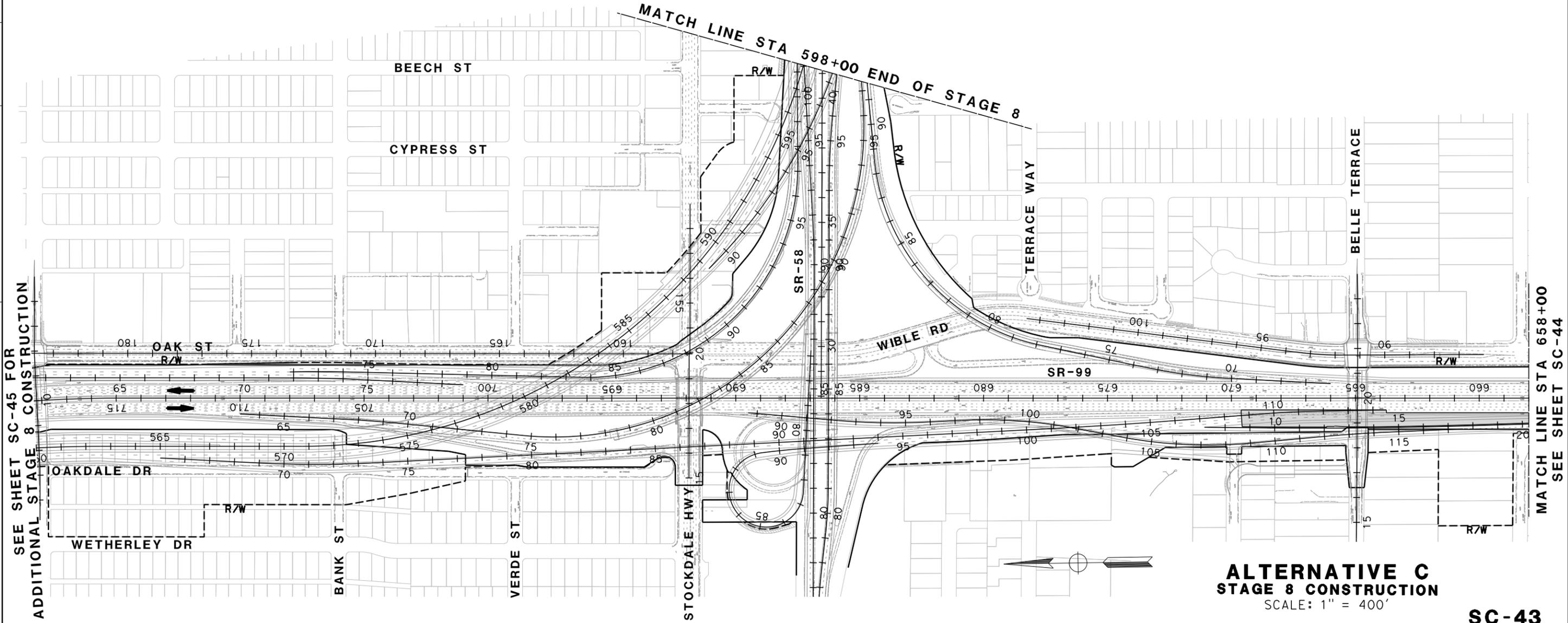
STAGE 8
 SHIFT SB SR-99 TO MEDIAN BETWEEN ROSEDALE HWY AND THE SB ENTRANCE RAMP CONNECTION FROM AIRPORT DRIVE.
 CONSTRUCT IMPROVEMENTS TO THE SB EXIT RAMP TO ROSEDALE HWY.
 CONSTRUCT THE SB AUXILIARY LANE BETWEEN THE ROSEDALE HWY EXIT RAMP AND GILMORE AVE.
 SHIFT TRAFFIC TO THE NEW SB SR-99 EXIT AT MING AVE AND CLOSE THE EXISTING RAMP EXIT.
 CONSTRUCT THE SB AUXILIARY LANE BETWEEN THE W-S ENTRANCE RAMP GORE TO THE MING AVE ENTRANCE RAMP GORE.
 COMPLETE THE CONSTRUCTION TO THE SB EXIT LOOP RAMP TO MING AVE. THE RAMP WILL BE REDUCED DOWN TO ONE LANE DURING NIGHT TIME CONSTRUCTION. ONCE THE PAVEMENT HAS BEEN CONSTRUCTED, REOPEN THE RAMP TO TWO LANES.
 CONSTRUCT THE NB SR99 MING AVE ENTRANCE RAMP.

GENERAL NOTES:

1. THE CROSS SECTIONS ARE PROVIDED FOR CONSTRUCTION STAGING ONLY. FOR ADDITIONAL DETAILS, REFER TO THE TYPICAL SECTIONS.
2. THE PLACEMENT OF ALL TEMPORARY BARRIERS SHALL ALLOW FOR A 2FT MINIMUM BUFFER ZONE BETWEEN THE FACE OF BARRIER AND EDGE OF TRAVEL LANE.
3. ALL DETOURED TRAFFIC SHALL MAINTAIN A MINIMUM LANE WIDTH OF 11FT. ALL EXTERIOR-DETOURED LANES AND SINGLE LANE RAMPS WILL MAINTAIN A MINIMUM LANE WIDTH OF 12FT.
4. ENSURE THAT ALL NECESSARY UTILITY RELOCATIONS HAVE BEEN MADE PRIOR TO CONSTRUCTION.

LEGEND

- PROPOSED CONSTRUCTION
- DETOUR CONSTRUCTION
- REMOVAL
- TRAFFIC FLOW



ALTERNATIVE C
STAGE 8 CONSTRUCTION
 SCALE: 1" = 400'

SC-43

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED-DRAWN BY
 CHECKED BY
 REVISOR BY
 DATE REVISOR BY

x
x
x
x
x

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Caltrans		CHECKED BY	DESIGNED BY	REVISION

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

LEGEND

-  PROPOSED CONSTRUCTION
-  DETOUR CONSTRUCTION
-  REMOVAL
-  TRAFFIC FLOW

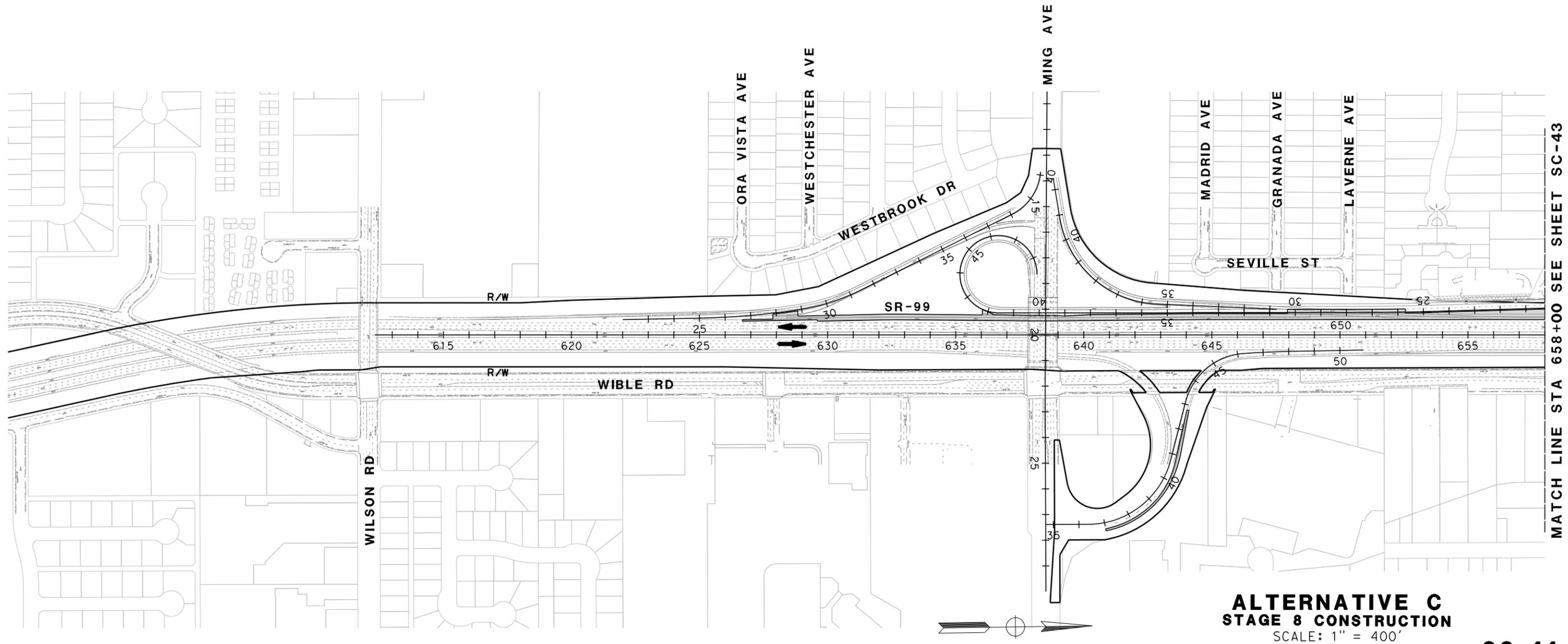
REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS 110 WEST A STREET, SUITE 1050 SAN DIEGO, CALIFORNIA 92101	THOMAS ROAD IMPROVEMENT PROGRAM 900 TRUXTON AVENUE, SUITE 200 BAKERSFIELD, CALIFORNIA 93301
---	---

DRAFT



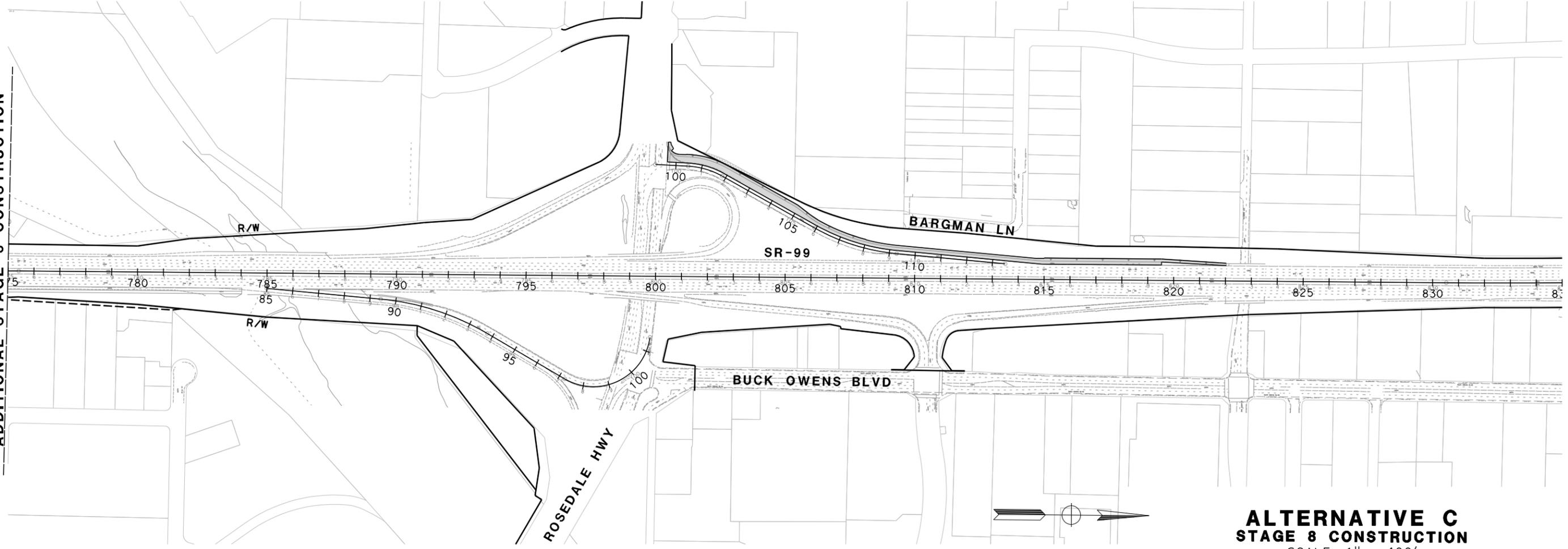
MATCH LINE STA 658+00 SEE SHEET SC-43

**ALTERNATIVE C
STAGE 8 CONSTRUCTION**
SCALE: 1" = 400'

SC-44

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Caltrans		CHECKED BY	DATE	

SEE SHEET SC-43 FOR
ADDITIONAL STAGE 8 CONSTRUCTION



LEGEND

- PROPOSED CONSTRUCTION
- DETOUR CONSTRUCTION
- REMOVAL
- TRAFFIC FLOW

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58 99	T31.7/R55.6 21.2/26.2		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PARSONS
110 WEST A STREET, SUITE 1050
SAN DIEGO, CALIFORNIA 92101

THOMAS ROAD IMPROVEMENT PROGRAM
900 TRUXTUN AVENUE, SUITE 200
BAKERSFIELD, CALIFORNIA 93301

DRAFT

ALTERNATIVE C
STAGE 8 CONSTRUCTION
SCALE: 1" = 400'

SC-45

LAST REVISION DATE PLOTTED => 3/28/2012 03:23:12 TIME PLOTTED => 10:16:08 AM