Europa 12/14/2016 2:57:09 PM c:\projects\active\projects\active\mtguroun\d0184662\dsj to sta_Aerial Option Exhibit_01.dgn

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

San Jose Diridon Station Approach
Viaduct to I-880

Realigned
UPRR Tracks

San Jose Diridon Station Approach
Viaduct to I-880

Hedding Street
Reconstructed as
Undercrossing

Taylor Street
Undercrossing is
Extended

HSR/Caltrain
tie-in point

LEGEND:
HSR MAIN TRACKS
CALTRAIN MAIN TRACKS
UPRR MAIN TRACKS
EXISTING R/W
PROPOSED R/W
INTERSECTED PROPERTIES
ROAD IMPACTS
STRUCTURE RECONSTRUCTION

SHORT AERIAL OPTION
CONNECT AT INTERSTATE 880

San Jose Diridon Station Approach
Viaduct to Scott Blvd

De La Cruz to be
reconstructed as
Undercrossing

HSR/Caltrain blended
configuration begins
at CP Scott
(Appx. 1 Mile)

Realigned
UPRR and
Caltrain Tracks

San Jose Diridon Station Approach
Viaduct to Scott Blvd

Hedding Street
Reconstructed as
Undercrossing

Taylor Street
Undercrossing is
Extended

LONG AERIAL OPTION
CONNECT AT CONTROL POINT SCOTT

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CALIFORNIA HIGH-SPEED RAIL PROJECT
SAN JOSE TO GILROY
SECTION
SHORT AERIAL OPTION
STATION AERIAL OPTION
LONG AERIAL OPTION
OPTIONS TO CALTRAIN

EXHIBIT 1

Gurpa 12/14/2016 2:55:42 PM c:\projectwise\pb\projectwiseint\gurpa\d0184621\SJ to Lick_Aerial Option Exhibit_02.dgn

UPRR Spur is relocated to increase available land for future development

Minimal Impacts to SAP Center Parking Lot

No Impact on PG&E Footprint. However, requires reconductoring of several lines

HSR ROW shown in dashed lines

ROW needed for straddle bent foundations

CONCEPTUAL FOR DISCUSSION PURPOSES ONLY NOT FOR CONSTRUCTION

MATCH LINE - SEE EXHIBIT 1

MATCH LINE - SEE EXHIBIT 3

CEMOF

Stockton Street

Julian Street

The Alameda

Santa Clara Street

SAP CENTER

SAN JOSE DIRIDON STATION

SR-87 Guadalupe Freeway

Interstate 280

Bird Avenue

Park Avenue

San Carlos St

Auzerais Avenue

PLAN
NOT TO SCALE

LEGEND:
- HSR MAIN TRACKS
- CALTRAIN MAIN TRACKS
- UPRR MAIN TRACKS
- EXISTING R/W
- PROPOSED R/W
- INTERSECTED PROPERTIES
- ROAD IMPACTS
- STRUCTURE RECONSTRUCTION

TYPICAL SECTION GENERAL NOTES:
1. TRACK, OCS POLES AND FOUNDATIONS, CABLE DUCTS AND DRAINAGE ARE SCHEMATIC AND DO NOT REPRESENT DESIGN.
2. RIGHT-OF-WAY REQUIRED FOR THE HIGH-SPEED RAIL SYSTEM INCLUDES THE TRACKWAY AND STATIONS ALONG THE ALIGNMENT, INCLUDING TEMPORARY, WHERE CUT-FILL SLOPES, RETAINING STRUCTURES, AND ACCESS ARE REQUIRED.
3. SEE STRUCTURAL DRAWINGS FOR VIADUCT STRUCTURE DETAILS.
4. SEE CIVIL DRAWINGS FOR ROADWAY MODIFICATION DETAILS.
5. STATIONING BASED ON SOUTHBOUND TRACK.

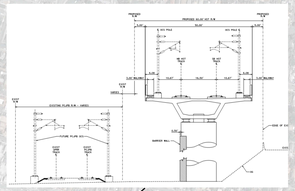
CALIFORNIA HIGH-SPEED RAIL PROJECT
SAN JOSE TO MERCED
SAN JOSE DIRIDON STATION AERIAL OPTION TO CALTRAIN TAMIEN STATION

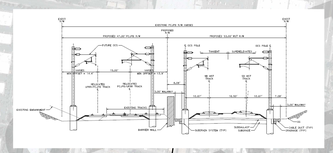
EXHIBIT 2

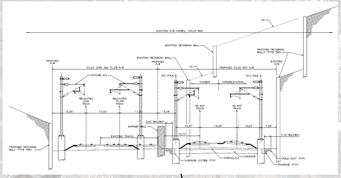
Loverdent - 12/12/2016 6:07:52 PM - C:\Users\loverden\Documents\13259 CAHSR\Exhibits\Michael\MF\Exhibit1.dgn

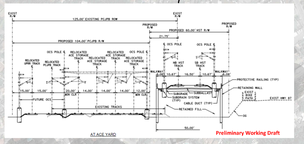
Tamien Station to Communications Hill

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION









Preliminary Working Draft

Tamien Caltrain Station

W. Julian Ave

Alexander Rd

Alexander Entry

Curtner Ave

Silver Creek Rd

Silver Creek Valley Rd

Silver Creek Valley Rd

Silver Creek Valley

Loverdent 12/13/2016 4:29:02 PM c:\hsrprojectwise\hsrprojectwiseint\loverdent\d0184691\LW-FP-Exhibit-2.dgn

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

Capitol Expressway
Deck Replacement Only

Monterey Road Trench

Grade Separation
Skyway Dr

Grade Separation
Branham Ln

Monterey Road Trench

Grade Separation
Chynoweth Ave

Monterey SB to
Blossom Hill WB
Ramp Closed

MATCH LINE - SEE SHEET ONE

E. UPRR At-Grade

Capitol Expressway

MONTEREY ROAD AT GRADE

Blossom Hill Rd

E. UPRR At-Grade

LEGEND:
HSR MAIN TRACKS
CALTRAIN MAIN TRACKS
UPRR MAIN TRACKS
EXISTING R/W
PROPOSED R/W
HSR FACILITIES
ROAD R/W
GRADE SEPARATION R/W
CONSTRUCTION STAGING AREA

Median Viaduct

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

Median Viaduct

MATCH LINE - SEE SHEET ONE

Capitol Expressway
Approximately 70' high
viaduct

Capitol Expressway

MONTEREY ROAD VIADUCT

Blossom Hill Road
Approximately 70' high
viaduct

Blossom Hill Rd

LEGEND:
HSR MAIN TRACKS
CALTRAIN MAIN TRACKS
UPRR MAIN TRACKS
EXISTING R/W
PROPOSED R/W
HSR FACILITIES
ROAD R/W
GRADE SEPARATION R/W
CONSTRUCTION STAGING AREA

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO GILROY
MONTEREY ROAD

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

LEGEND:
- HSR MAIN TRACKS
- CALTRAIN MAIN TRACKS
- UPRR MAIN TRACKS
- EXISTING R/W
- PROPOSED R/W
- HSR FACILITIES
- ROAD R/W
- GRADE SEPARATION R/W
- CONSTRUCTION STAGING AREA

E. UPRR At-Grade

US-101

SR-85

Bernal Road

MATCH LINE – SEE SHEET ONE

Metcalf Power Plant

Realignment of UPRR

Existing 130' Monterey Road R/W

Realigned Monterey Road R/W

Existing 80' UPRR R/W

Reconstruct Bailey Ave

Bailey Avenue

Monterey Median Viaduct

Roadway Modifications, No impacts to UPRR, Impacts to adjacent Coyote Creek Park

Existing UPRR ROW

CALIFORNIA HIGH-SPEED RAIL AUTHORITY
HIGH-SPEED RAIL PROJECT
SAN JOSE TO MERCED
MONTEREY ROAD SOUTH

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

LEGEND:
- HSR MAIN TRACKS
- CALTRAIN MAIN TRACKS
- UPRR MAIN TRACKS
- EXISTING R/W
- PROPOSED R/W
- HSR FACILITIES
- ROAD R/W
- GRADE SEPARATION R/W
- CONSTRUCTION STAGING AREA

EAST OF UPRR (EMBANKMENT)

EAST OF UPRR (EMBANKMENT)

MORGAN HILL

City of Morgan Hill

Temporary Construction Staging Site

Palm Avenue grade separation for East of UPRR option

Live Oak Avenue grade separation for East of UPRR option

Middle Avenue grade separation for East of UPRR option

SAN MARTIN

Monterey Hwy

Monterey Hwy

Burnett Avenue

Main Avenue

Dunne Avenue

Tennant Avenue

Middle Avenue

San Pedro Avenue

Palm Avenue

Live Oak Avenue

SECTION
TYPICAL BRIDGE TRACK SECTION

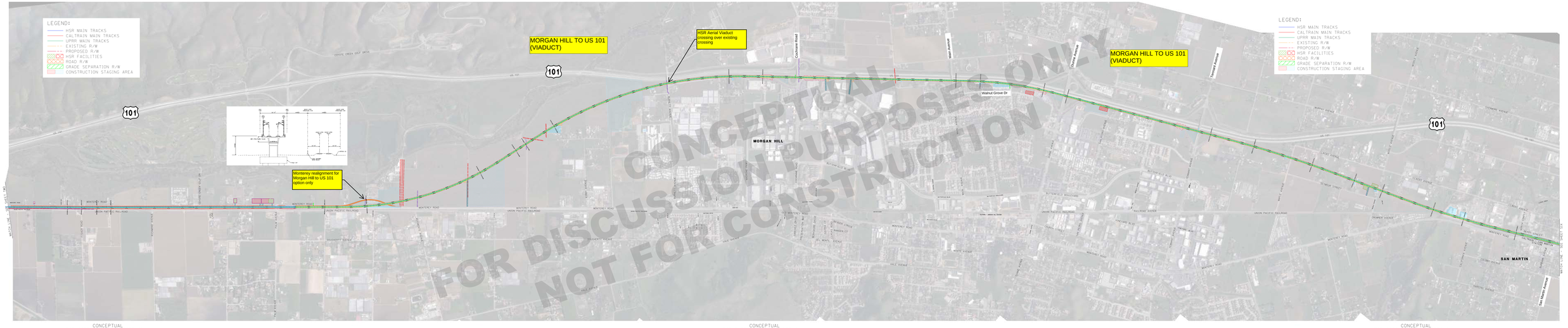
CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CALIFORNIA HIGH-SPEED RAIL PROJECT
BLENDED VARIATION TO SR 152
MONTEREY ROAD OPTION

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION



CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CALIFORNIA HIGH-SPEED RAIL PROJECT
SAN JOSE TO MERCED
MORGAN HILL BYPASS
MORGAN HILL TO US 101 OPTION

HIGH-SPEED RAIL AUTHORITY

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

LEGEND:
- HSR MAIN TRACKS
- CALTRAIN MAIN TRACKS
- UPRR MAIN TRACKS
- EXISTING R/W
- PROPOSED R/W
- HSR FACILITIES
- ROAD R/W
- GRADE SEPARATION R/W
- CONSTRUCTION STAGING AREA

VIADUCT TO DOWNTOWN GILROY

EMBANKMENT TO DOWNTOWN GILROY

SAN MARTIN

GILROY

Downtown Gilroy Maintenance Facility

LOW VIADUCT DOWNTOWN GILROY STATION OPTION

AT-GRADE DOWNTOWN GILROY STATION OPTION

Monterey Road

Masten Avenue

Rucker Avenue

West 6th Street

West 9th Street

West 10th Street

Lewis Street

Leavesley Avenue

CONCEPTUAL FOR DISCUSSION PURPOSES ONLY NOT FOR CONSTRUCTION

CALIFORNIA HIGH-SPEED RAIL PROJECT
SAN JOSE TO GILROY
LOW VIADUCT AND AT-GRADE OPTIONS

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

LEGEND:
- HSR MAIN TRACKS
- CALTRAIN MAIN TRACKS
- UPRR MAIN TRACKS
- EXISTING R/W
- PROPOSED R/W
- HSR FACILITIES
- ROAD R/W
- GRADE SEPARATION R/W
- CONSTRUCTION STAGING AREA

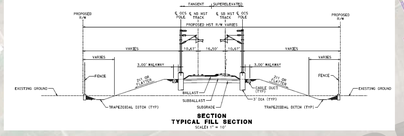
Downtown Gilroy Maintenance Facility

Downtown Gilroy Alignment

Downtown Gilroy to Tunnel 1

Tunnel 1

Acreage of flood water detension ponds have been reduced through further engineering



Hollister Road

Frazier Lake Road

SR-152

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

LEGEND:
- HSR MAIN TRACKS
- CALTRAIN MAIN TRACKS
- UPRR MAIN TRACKS
- EXISTING R/W
- PROPOSED R/W
- HSR FACILITIES
- ROAD R/W
- GRADE SEPARATION R/W
- CONSTRUCTION STAGING AREA

CALIFORNIA HIGH-SPEED RAIL PROJECT
SAN JOSE TO MERCED
DOWNTOWN GILROY OPTION

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

LEGEND:
- HSR MAIN TRACKS
- CALTRAIN MAIN TRACKS
- UPRR MAIN TRACKS
- EXISTING R/W
- PROPOSED R/W
- HSR FACILITIES
- ROAD R/W
- GRADE SEPARATION R/W
- CONSTRUCTION STAGING AREA

EAST GILROY STATION

East Gilroy Station

Buena Vista Avenue

Leavesley Road

Las Animas Avenue

Monterey Hwy

Gilman Road

EAST GILROY STATION

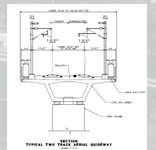
East Gilroy Light Maintenance Facility

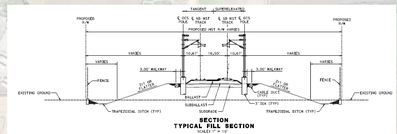
SAN MARTIN

GILROY

101

152





CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

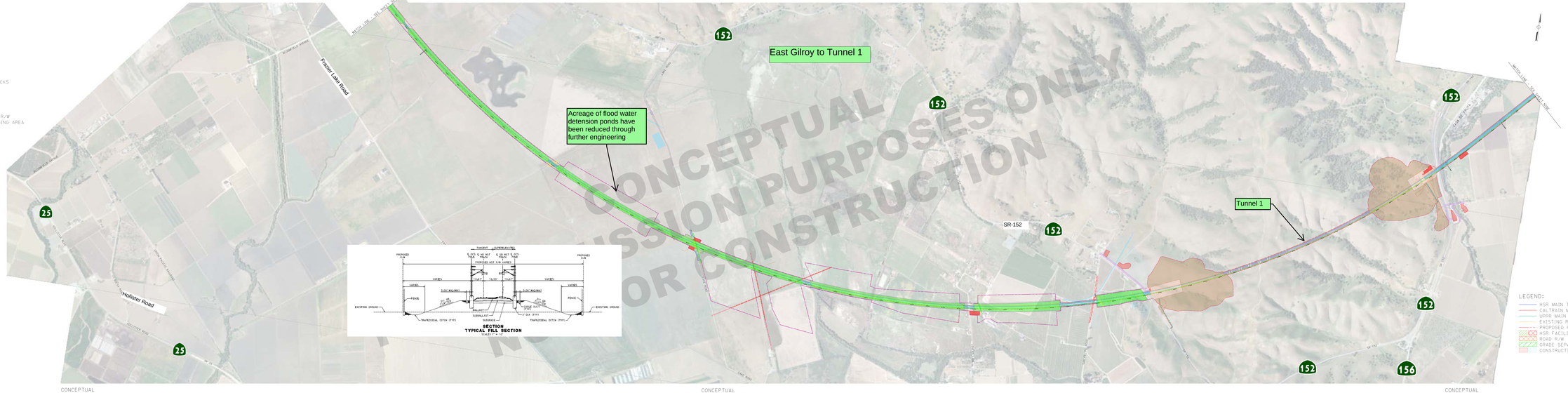
CALIFORNIA HIGH-SPEED RAIL PROJECT
SAN JOSE TO GILROY
EAST GILROY OPTION

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

LEGEND:
- HSR MAIN TRACKS
- CALTRAIN MAIN TRACKS
- UPRR MAIN TRACKS
- EXISTING R/W
- PROPOSED R/W
- HSR FACILITIES
- ROAD R/W
- GRADE SEPARATION R/W
- CONSTRUCTION STAGING AREA



CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

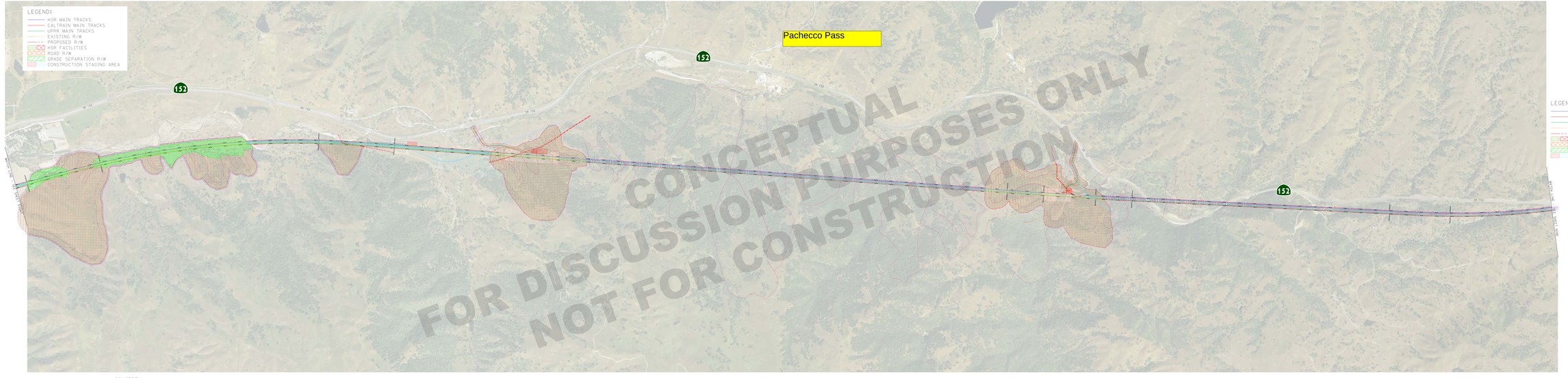
CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

LEGEND:
- HSR MAIN TRACKS
- CALTRAIN MAIN TRACKS
- UPRR MAIN TRACKS
- EXISTING R/W
- PROPOSED R/W
- HSR FACILITIES
- ROAD R/W
- GRADE SEPARATION R/W
- CONSTRUCTION STAGING AREA

CALIFORNIA HIGH-SPEED RAIL PROJECT
SAN JOSE TO GILROY
EAST GILROY OPTION

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION



LEGEND:
HSR MAIN TRACKS
CALTRAIN MAIN TRACKS
UPRR MAIN TRACKS
EXISTING R/W
PROPOSED R/W
HSR FACILITIES
ROAD R/W
GRADE SEPARATION R/W
CONSTRUCTION STAGING AREA

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

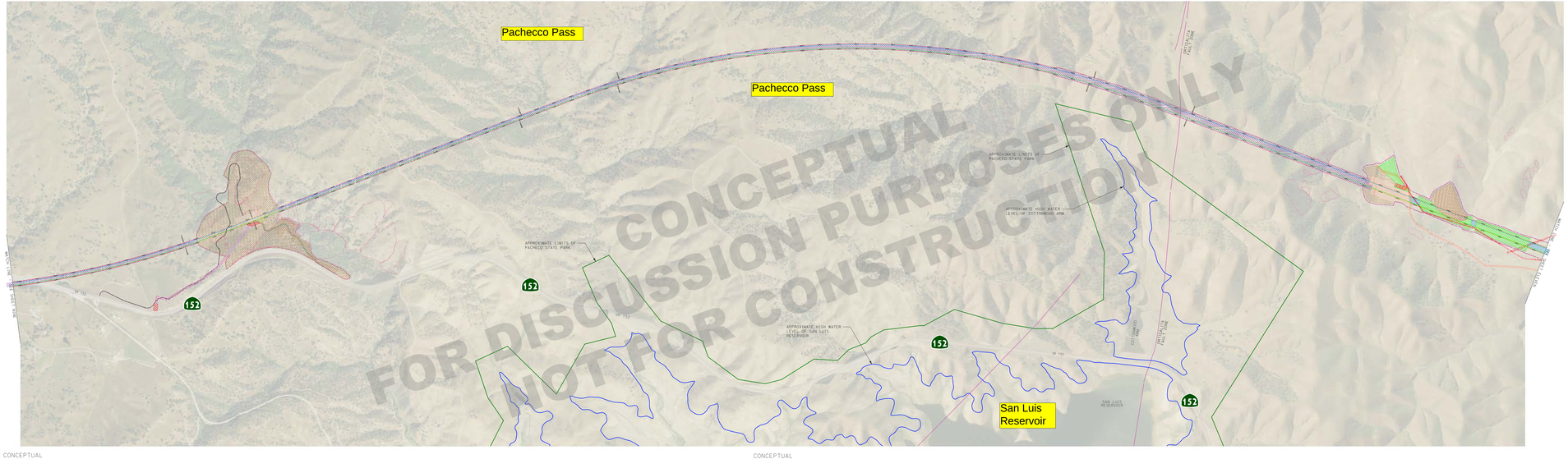
CALIFORNIA HIGH-SPEED RAIL PROJECT
SAN JOSE TO GILROY
SAN LUIS RESERVOIR AVOIDANCE

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

LEGEND:
- HSR MAIN TRACKS
- CALTRAIN MAIN TRACKS
- UPRR MAIN TRACKS
- EXISTING R/W
- PROPOSED R/W
- HSR FACILITIES
- ROAD R/W
- GRADE SEPARATION R/W
- CONSTRUCTION STAGING AREA



LEGEND:
- HSR MAIN TRACKS
- CALTRAIN MAIN TRACKS
- UPRR MAIN TRACKS
- EXISTING R/W
- PROPOSED R/W
- HSR FACILITIES
- ROAD R/W
- GRADE SEPARATION R/W
- CONSTRUCTION STAGING AREA

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

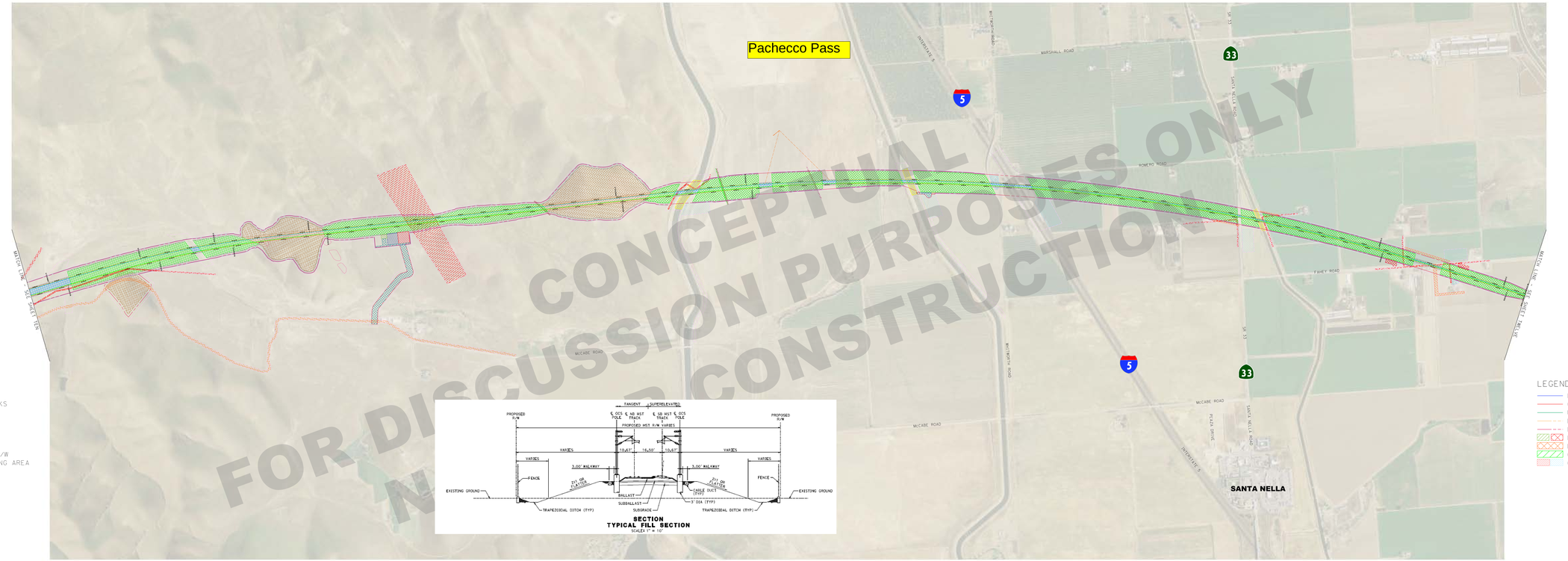
CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CALIFORNIA HIGH-SPEED RAIL PROJECT
SAN JOSE TO GILROY
SAN LUIS RESERVOIR AVOIDANCE

HIGH-SPEED RAIL AUTHORITY
TECHNOLOGY/ENVIRONMENT DIVISION

PRELIMINARY ENGINEERING FOR ENVIRONMENTAL CLEARANCE ONLY
NOT FOR CONSTRUCTION

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION



FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

LEGEND:
- HSR MAIN TRACKS
- CALTRAIN MAIN TRACKS
- UPRR MAIN TRACKS
- EXISTING R/W
- PROPOSED R/W
- HSR FACILITIES
- ROAD R/W
- GRADE SEPARATION R/W
- CONSTRUCTION STAGING AREA

SECTION
TYPICAL FILL SECTION
SCALES 1" = 10'

LEGEND:
- HSR MAIN TRACKS
- CALTRAIN MAIN TRACKS
- UPRR MAIN TRACKS
- EXISTING R/W
- PROPOSED R/W
- HSR FACILITIES
- ROAD R/W
- GRADE SEPARATION R/W
- CONSTRUCTION STAGING AREA

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

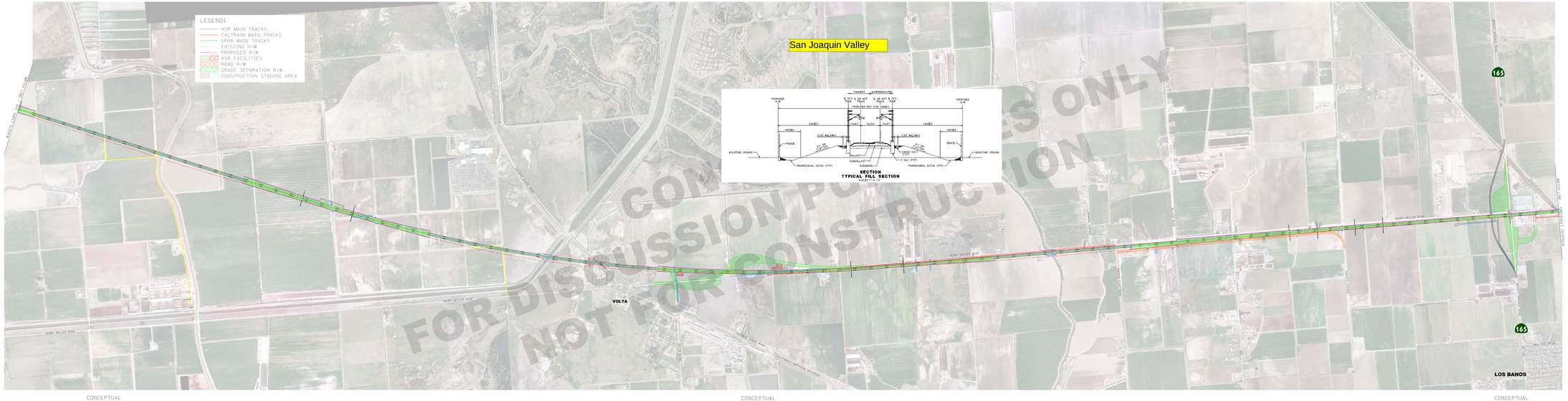
CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CALIFORNIA HIGH-SPEED RAIL PROJECT
SAN JOSE TO GILROY
SAN LUIS RESERVOIR AVOIDANCE

EXHIBIT 11

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION



CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CALIFORNIA HIGH-SPEED RAIL PROJECT
SAN JOSE TO GILROY
HENRY MILLER ROAD ALIGNMENT

HIGH-SPEED RAIL AUTHORITY
SACRAMENTO-SAN JOAQUIN VALLEY
CALIFORNIA

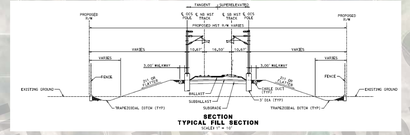
CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

LEGEND:
- HSR MAIN TRACKS
- CALTRAIN MAIN TRACKS
- UPRR MAIN TRACKS
- EXISTING R/W
- PROPOSED R/W
- HSR FACILITIES
- ROAD R/W
- GRADE SEPARATION R/W
- CONSTRUCTION STAGING AREA

San Joaquin Valley



SECTION
TYPICAL FILL SECTION
Scale: 1" = 10'

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

CONCEPTUAL
FOR DISCUSSION PURPOSES ONLY
NOT FOR CONSTRUCTION

LEGEND:
- HSR MAIN TRACKS
- CALTRAIN MAIN TRACKS
- UPRR MAIN TRACKS
- EXISTING R/W
- PROPOSED R/W
- HSR FACILITIES
- ROAD R/W
- GRADE SEPARATION R/W
- CONSTRUCTION STAGING AREA

CALIFORNIA HIGH-SPEED RAIL PROJECT
SAN JOSE TO GILROY
HENRY MILLER ROAD ALIGNMENT