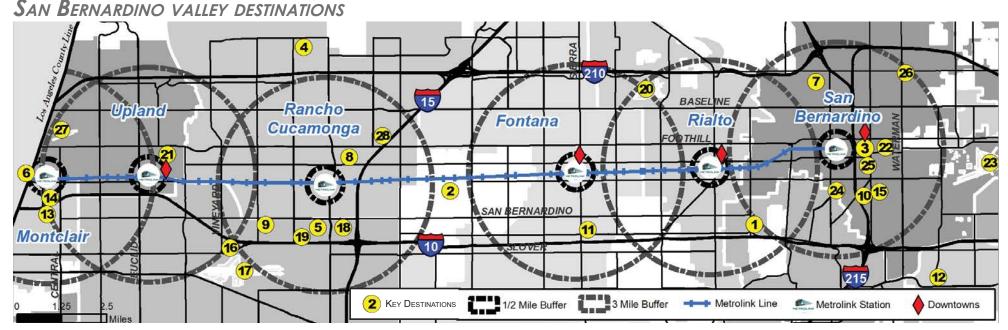
VISION, PURPOSE AND BACKGROUND

VISION

Transition The ARRIVE Corridor, over time to an integrated transit-oriented development (TOD)/ REGIONAL RAIL CORRIDOR, SERVING RESIDENTS AND BUSINESSES WITHIN ACTIVE, GROWING, TRANSIT-ORIENTED COMMUNITIES AT THE STATION LOCATIONS AND PROVIDING A HIGH DEGREE OF TRANSIT INTERCONNECTIVITY TO



PURPOSE

THE ADVANCED REGIONAL RAIL INTEGRATED VISION-EAST (ARRIVE CORRIDOR) PROJECT PROPOSES TRANSITIONING THE SAN BERNARDINO METROLINK LINE OVER TIME FROM A TRADITIONAL COMMUTER RAIL TO ONE THAT PROMOTES TOD

MIXED-USE, COMPACT AND WALKABLE DEVELOPMENT TYPICALLY WITHIN 1/2-MILE OF THE TRANSIT STATION

SAN BERNARDINO METROLINK LINE

- 60-mile commuter rail line with 12 stations (not including Los Angeles Union Station), 30-minute peak-hour headways and in peak 12,000 daily
- Focus of this project: 25-mile segment in San Bernardino serving 6 cities





INTERCONNECTIVITY WITH RAIL IN SAN DIEGO

Goals

- fully functional, integrated regional rail/TOD corridor.

- along the corridor from Metrolink station areas.
- implementation of the corridor vision over time.

WEEKDAY METROLINK AND BUS BOARDINGS BY STATION IN FISCAL YEARS 2015 AND 2014

Metrolink Boardings FY15,Q2	Metrolink Boardings FY14, Q2	Weekday Bus Boardings (2014)
12,407	12,573	NA
293	289	896
502	516	
798	969	22
331	425	3,709
243	256	21
712	764	240
	Boardings FY15,Q2 12,407 293 502 798 331	Boardings FY15,Q2 Metrolink Boardings FY14, Q2 12,407 12,573 293 289 502 516 798 969 331 425 243 256

NUMBER OF PARK AND RIDE SPACES AND PARKING UTILIZATION RATE AT EACH STATION

Station Areas	Number of Park and Ride Spaces	Parking Utilization (2014)	Surface Parking Expansion Planned
Montclair	1,836	58.4%	
Upland	294	96.3%	(1)
Rancho Cucamonga	1,000	96.3%	(1)
Fontana	309	70.2%	
Rialto	208	67.8%	Yes
Santa Fe Depot	777	67.4%	

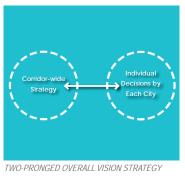
OVERALL CORRIDOR-WIDE VISION

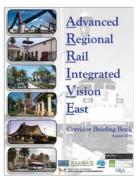
CHALLENGES

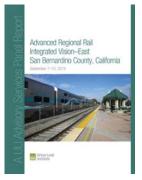
- RELATIVELY INFREQUENT TRANSIT SERVICE
- Cost of redevelopment
- Market conditions not ripe for vertical development, higher densities and structured parking in some stations
- Loss of financial tools with the dissolution of redevelopment agencies (e.g., land assembly for development)
- Competition from greenfield sites
- Perceived limited development opportunities around some station areas and high degree of parcelization
- KEY DESTINATIONS OUTSIDE STATION "CATCHMENT AREA" (E.G. HOSPITALS, MALLS, ONTARIO INTERNATIONAL AIRPORT)
- Noise and air quality issues from freight and commuter rail activity
- FARES PERCEIVED AS TOO HIGH, ESPECIALLY FOR SHORT MID-DAY TRIPS OR WEEKDAYS
- DIFFICULTY IN COMMUNICATING THE VALUE PROPOSITION TO PRIVATE DEVELOPERS AND CAPITAL MARKETS THAT DENSE MIXED-USE/OR MIXED-INCOME HOUSING PROJECTS CAN BE VIABLE AND VALUABLE AT TOD SITES

PLANNING AND OUTREACH PROCESS

- 1. Briefing Book on Existing Conditions and Plans*
- 2. Market Assessment*
- 3. ULI Advisory Services Panel Report*
- 4. Transit User Survey
- 5. TAC AND STAKEHOLDER MEETINGS
- * Avallable at ftp://gis.sanbag.ca.gov/SANBAG/Projects/Arrive



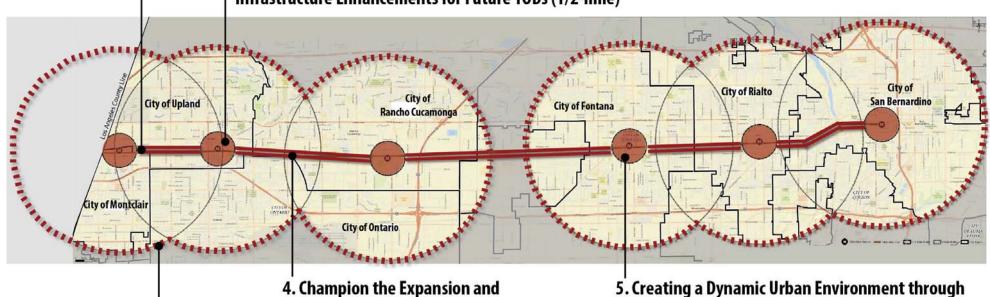




OVERALL CORRIDOR-WIDE VISION

1. Metrolink Operational Improvements (long-term)

2. Metrolink Station Area Physical Character and Infrastructure Enhancements for Future TODs (1/2-mile)



4. Champion the Expansion and Operation of the Network

Land Use Tailored to Individual Stations

6. Park-Once Districts

3. Metrolink Station Accessibility and Mobility Improvements (3 miles)

- Double-tracking of two segments to address future demand and capacity
- INCREASING TRAIN FREQUENCY AND MID-DAY TRAINS
- Reducing fare structure for short trips
- IMPROVING AIR QUALITY THROUGH NEW EQUIPMENT
- TICKETING IMPROVEMENTS
- Railway corridor as a "transit entrance" to the cities
- ADEQUATE LAND USE SETBACK IF RIGHT OF WAY (ROW) CONSTRAINED FOR METROLINK AND OTHER IMPROVEMENTS
- Landscape/Open Space and sidewalk improvements for a more pedestrian-friendly environment
- QUIET ZONES AS A VALUABLE IMPROVEMENT FOR TRAIN/NEIGHBORHOOD/ FUTURE TOD COMPATIBILITY
- Providing fiber optic utilities to adjacent uses
- 5
- GOLD LINE EXTENSION FROM AZUSA TO MONTCLAIR AND THE ONTARIO INTERNATIONAL AIRPORT (ONT) POSSIBLY IN THE LONG-TERM
- WEST VALLEY CONNECTOR AND ONT CONNECTION
- Redlands Rail
- Redlands Rail
 Metrolink improvements mentioned previously under 1
- Branding of stations along the corridor
- TRANSIT-SUPPORTIVE USES
 HIGHER DENSITY/INTENSITY RESIDENTIAL AND MIXED-USE COMPACT TOD DEVELOPMENT AT THE STATIONS, AS APPROPRIATE
- TRANSIT-RELATED RETAIL AND COMMERCIAL USES
- ADAPTIVE REUSE
- ATTRACT DAYTIME (EMPLOYMENT-FOCUSED) AND EVENING (LEISURE-FOCUSED) POPULATIONS



- Shared parking allowing for multiple stops but park only once
- Enhancing place-making by freeing up space for development and public gathering



- Pedestrian and bicycle accessibility to the Metrolink stations
- Bus service/access to the Metrolink stations (1st and last mile)
- More seamless rail/bus integration

TOD CHARACTERISTICS AND BENEFITS

BUILDING BLOCKS OF A TOD

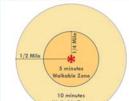
modal transfers (BRT, local bus, shuttle, and



2 Pathways for walking to station linking new and surrounding neighborhoods and



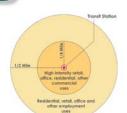




Compact mix
of uses fostering walking and transit use with highest intensity at the center

5. Mix of amenities such as neighborhood services public gathering spaces, bike paths and interconnected streets

Connecting to • major destinations outside the 1/2-mile walkable area













Examples of Relevant TODs











Benefits of TODs

Economic

Environmental

- Conservation of Land and Open Space

Social

- Health Benefits









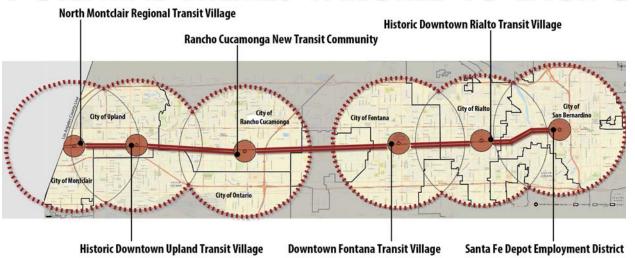




Place Type or Typologies	Land Use Characteristics	Station Area Examples
Downtown	Mixed use with a full range of commercial, residential, civic, educational and cultural uses.	Union Station, Los Angeles; Village Walk, Claremont; SOCO Walk, downtown Fullerton; Holly Street Village, Pasadena; Upland; Fontana; Rialto; downtown San Bernardino
Regional Center	Contains major regional destination(s) and a mix of other uses.	Hollywood & Highland, Los Angeles; Montclair
New Mixed Use Transit Village	A mix of uses on primarily vacant land or large surface parking areas which has a transit station as the focus which can be totally redeveloped as a TOD.	Orenco Station, Hillsboro, Oregon; Grossmont Trolley Center, La Mesa; Rancho Cucamonga
Employment Center or District	Employment uses are envisioned as dominant and the focus for the area.	Universal City, Los Angeles; San Bernardino Santa Fe Depot
Transit Campus	A mix of uses centered around major educational facility, hospital, or similar destination.	University of Southern California/Exposition Park EXPO LRT Line; Vermont/Sunset
Neighborhood Center	A small-scale neighborhood which is primarily residential with supporting commercial.	Mission Meridian Village, South Pasadena; Del Mar Station, Pasadena

THEMES AND IMPLEMENTATION STRATEGIES

POTENTIAL THEMES TAILORED TO EACH STATION AREA





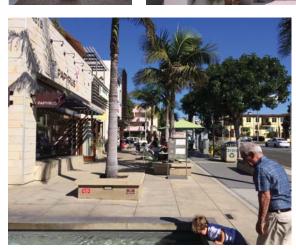
MATRIX OF ACTIONS, RESPONSIBLE PARTIES AND KEY FUNDING SOURCES & THEMATIC CHARACTER



















MATRIX OF ACTIONS, RESPONSIBLE PARTIES AND KEY FUNDING SOURCES

Strategy	Key Actions	Responsible Parties	Potential Funding Sources
Marketing TOD Opportunities	Form Marketing Board as non-profit ARRIVE branding/messaging	Collective cities, Marketing Board Director	City contributions, Metrolink,
	Outreach (developers, public stakeholders)		,
	Public information & marketing ("Developer Kit")		
	Place-Making (corridor-wide public realm improvements)		
	Pursue regional TOD funding		
Station Area Public Realm	Sidewalk and streetscape improvements	Individual cities, Metrolink, Public Agencies	Federal and State funds, Redevelopment "Boomerang" Funds, EIFD/CFD
Improvements	Signage and branding Develop streetscape standards		
Metrolink	Ticketing improvements SANBAG/Metrolink		Metrolink
Operational Improvements	Scheduling improvements in cooperation with other transit agencies		
	Pursue funding for transformative infrastructure improvements		
Shared Parking	Implement shared parking between Metrolink & surrounding Uses	Individual Cities, Metrolink	N/A
	Encourage "Park-Once" districts		

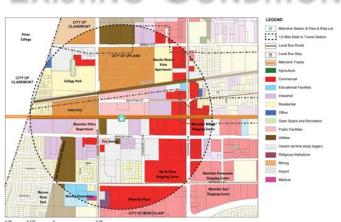
MATRIX OF ACTIONS, RESPONSIBLE PARTIES AND KEY FUNDING SOURCES

Strategy	Key Actions	Responsible Parties	Potential Funding Source
Expand and	Update and strengthen ARRIVE	Collective Cities, Marketing	City contributions, SANBAG,
Strengthen	Corridor branding, messaging and	Board Director	Metrolink Cap and Trade, EB-
Marketing Board	developer kits Continue outreach and explore		
	public sources of funding, as well		
	as public-private development		
	opportunities		
	Support the creation of local BIDs		
	Partner with EB-5 Regional Center Work toward financial self-		
	sustainability		
Metrolink	Increase service/frequency	SANBAG/Metrolink	Metrolink, Cap and Trade,
Operational	Reduce or adjust fare structure		federal and state funds
Improvements	Pursue major infrastructural		
	improvements		
Generate Corridor-	Pursue pilot strategies for permit or	Individual Cities	Self-funding, city contributions
Wide Parking	fee-based parking at all lots across		Cap and Trade
Revenues	the ARRIVE corridor.		
	Create Parking Benefit Districts (or		
	special funds) in individual cities		
	Evaluate unbundling parking from		
	residential development		

Strategy	Key Actions	Responsible Parties	Potential Funding Sources
Support TOD	Acquire, consolidate, leverage and	Economic Development	Self-funding, Cap and Trade,
with Economic	dispose of land to support desired	Corporation/Marketing	EB-5, NMTC
Development	development, in conjunction with	Board	
Corporation	Parking Authorities		
	Support development in partnership		
(Potential Evolution	with EB-5 Regional Centers, New		
of Marketing Board)	Market Tax Credits or public funding.		
	Continue to pursue regional TOD		
	funding		
	Support individual BIDs to achieve		
	common goals.		
Improve ARRIVE	Double-Track where possible	SANBAG/Metrolink	Metrolink, Cap and Trade,
Corridor Metrolink	Improve crossings and fencing		federal and state funds
Infrastructure	Implement DMU Service to support		
	intra-regional Transit		
Consolidate Parking	Develop parking structures	Individual cities, Parking	Self-funding
	to support higher-intensity	Authorities	
	development		
	Lower parking requirements for new		
	development and evaluate parking		
	maximums		
	Consider establishing Parking		
	Authorities		

MONTCLAIR VISION AND RECOMMENDATIONS

EXISTING CONDITIONS AND PLANS



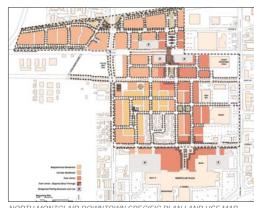
FXISTING LAND USES

The theme for the Montclair Transcenter station area is the North Montclair Regional Transit Village, which combines TOGETHER THE TRANSIT NEIGHBORHOOD ENVISIONED IN THE ${\sf N}$ ORTH MONTCLAIR DOWNTOWN SPECIFIC PLAN (NMDSP) AND A RENOVATED





POTENTIAL OPPORTUNITY SITES









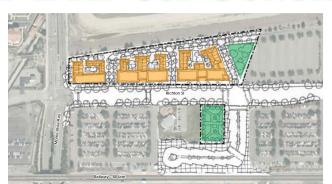
LARKET ASSESSMENT AND LAND USE CONCEPTS

MONTCLAIR DEMAND SUMMARY

Land Use 2014-2020		2020-2035	Totals*	
idential	200-400 dwelling units	700-1,400 dwelling units	900-1,900 dwelling units	
oe .	0 SF	44,000-107,000 SF	44,000-107,000 SF	
ail	0 SF	69,000 SF	69,000 SF	
strial	5,000-12,000 SF	22,000-52,000 SF	27,000-64,000 SF	
strial	1,111 ,111	22,000-52,000 SF	27,000-64	



- A MULTI-FAMILY RESIDENTIAL ON THE CALTRANS-OWNED PARKING LOT ADJACENT TO THE EXISTING STATION ALONG WITH A GATHERING BY THE CITY OF MONTCLAIR AND
- B RESIDENTIAL/LIVE-WORK ON THE SOUTH SIDE OF THE TRACKS CONTAINING A PUBLIC OPEN SPACE. ULTIMATELY A PARKING STRUCTURE AND OVER- OR UNDER-CROSSING OF THE METROLINK TRACKS CONNECTING TO THE STATION
- COMPLETION OF THE PEDESTRIAN AND BIKE-FRIENDLY CONNECTOR ALONG FREMONT BETWEEN THE EXISTING TRANSIT STATION NORTH OF THE METROLINK TRACKS AND MONTCLAIR PLAZA PLUS ADJOINING DEVELOPMENT ALONG
- D REFURBISHMENT OF THE NORTH SIDE OF THE SHOPPING CENTER TO LINK WITH THIS CONNECTOR



ALTERNATIVE ILLUSTRATIVE SITE PLAN FOR CALTRANS PARKING LOTS ADJACENT TO

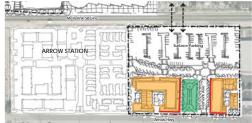






TEMPORARY POP-LIP PARKLET







ALTERNATIVE B-2 ILLUSTRATIVE SITE PLAN CONCEPT PHASE 1 AND . SOUTH OF THE METROLINK TRACKS

VISION STRATEGY RECOMMENDATIONS

Environment (Land Use)

- ORIENTED DEVELOPMENT COMPATIBLE WITH THE NMDSP.
 THE UTILIZATION OF THE PARK-&-RIDE LOTS IN 2014 WAS ONLY 58.4%. A MIXED-USE DEVELOPMENT ALLOWING FOR HOUSING CHOICES WILL ATTRACT A WIDE VARIETY OF RESIDENTS I.E., STUDENT HOUSING, SENIOR HOUSING LIVE/WORK AND MULTI-FAMILY HOUSING FOR BOTH SALE AND RENT. GROSSMONT TROLLEY STATION IN LA MESA CALIFORNIA, USED AN RFP PROCESS FOR SECURING A DEVELOPER ON PUBLIC PROPERTY AND IS AN EXCELLENT BUILT EXAMPLE OF UTILIZING A PARK-&-RIDE LOT FOR MIXED-LISE DEVELOPMENT, WHILE MAINTAINING PARKING FOR
- Work with the new owners of the Montglair Plaza (CIM) to partner in Making a direct pedestrian and other non-motorized connections to the Montglair Transcenter and place Land uses along these connections to create a sense of place.
- REFINE AND IMPLEMENT THE NMDSP AND CONSIDER EXPANDING THE SPECIFIC PLAN TO OTHER PROPERTIES TO THE EAST, AND COORDINATE THIS EFFORT WITH THE PROPERTIES BEYOND THE STATION AREA.
- A BALANCE OF COMMUNITY AMENITIES AND DESIRED DENSITIES, WHEN INTRODUCING MIXED-USE PROJECTS.

(Connectivity)

- CITY'S CURRENT COMPLETE STREETS IMPROVEMENTS TO ARROW HIGHWAY, FREMONT AVENUE, MORENO STREET, AND MONTE VISTA AVENUE WITH CURRENT PRELIMINARY EFFORTS BY THE CIM GROUP TO ENHANCE MORENO STREET AND FREMONT AVENUE FOR A LIFESTYLE NT ON THE NORTH SIDE OF MONTCLAIR PLAZA. THE CIM GROUP, IN ANTICIPATION OF THE GOLD LINE
- Ensure that future development on the park-&-RIDE LOTS RECOMMENDED IN THE NMDSP ALLOCATES ADEQUATE SPACE FOR THE EXISTING HIGH BUS RIDERSHIP, FUTURE GROWTH IN RIDERSHIP AND ALLOWS FOR EASY TRANSFER BETWEEN DIFFERENT MODES OF RANSPORTATION.
- OFFS AND PROVIDE DIRECT PEDESTRIAN AND BICYCLE CONNECTIONS FROM THE STATION TO THE PE TRAIL TO
- DO NOT PRECLUDE THE EXTENSION OF THE GOED EINE TO THE MONTCLAIR TRANSCENTER AND ALSO PROVIDE CERTAINTY FOR POTENTIAL TOD DEVELOPERS. REFINE THE GOLD LINE FOOTHILL EXTENSION CONCEPT PLAN, SHOWN IN THE BRIEFING BOOK APPENDIX, AND THE NMDSP IN MORE DETAIL TO ILLUSTRATE MORE CLEARLY THE CITY'S VISION FOR THE GOLD LINE. THE PLAN SHOULD NOT ONLY SHOW PLATFORM SPACE, CONNECTIONS
- PLAN FOR MONTCLAIR'S PREFERRED GOLD LINE METROLINK CORRIDOR ALIGNMENT, WHICH WILL PLAN FOR MONTCLAR'S PREFERRED GOLD LINE
 METROLINK CORRIDOR ALIGNMENT, WHICH WILL
 STRENGTHEN THE TRANSCENTER AS THE PRIMARY HUB
 FOR CONNECTING TO THE ONTARIO INTERNATIONAL
 AIRPORT. THE TRANSCENTER'S HIGH BUS AND METROLINK
 RIDERSHIP, AND THE UTILIZATION OF FREEWAY EXPRESS
 LANES AND HOV LANES BY BUSES GOING TO AND FROM
 THE TRANSCENTER REINFORCES THE TRANSCENTER AS
 A REGIONAL TRANSIT HUB. THIS LOCATION MAY INVOLVE
 WINTER RIGHT-DE-WAY ALONG THE GOID IN IMP METROLINK
 UNIFER RIGHT-DE-WAY ALONG THE GOID IN IMP METROLINK WIDER RIGHT-OF-WAY ALONG THE GOLD LINE METROLINK

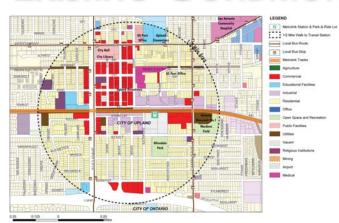
Creating Places

- TO ACTIVATE THE STATION AREA AND MARKET/ EDUCATE POTENTIAL USERS ABOUT THE TRANSCENTER. PROGRAMMING ACTIVITIES CAN STRENGTHEN COMMUNITY BONDS AND PRIDE, AND CAN INFLUENCE THE LOCAL RESIDENTS IN ADJACENT TOD DEVELOPMENTS TO ALSO MOVIE NIGHTS. AS IS TAKING PLACE AT THE PASEOS.
- As called for in the NMDSP, encourage development of a transit plaza with active gathering places, used by riders coming and going TO THE TRANSIT STATION. THE TRANSIT PLAZA COULD BE A GATEWAY TO THE STATION AREA AND INCLUDE PLACEMAKING FEATURES SUCH AS PROGRAMMED ACTIVITIES LANDSCAPING, PUBLIC ART, INFORMATIONAL SIGNAGE AND DISPLAYS CELEBRATING THE UNIQUENESS OF THE
- ACTIVATE THE SITE OWNED BY SANBAG AND THE CITY
- COORDINATE WITH BUS SERVICE PROVIDERS OMNITRANS, FOOTHILL TRANSIT, AND THE METRO GOLD LINE FOOTHILL EXTENSION CONSTRUCTION AUTHORITY TO RECONFIGURE THE BUS TRANSFER CENTER TO A MORE EFFICIENT DESIGN STREET. THE TRANSCENTER'S GOAL IS TO IMPROVE ITS BUS OPERATIONS AND MINIMIZE THE AMOUNT OF INTERNAL SPACE USED IN FAVOR OF A MORE PEDESTRIAN FRIENDLY TRANSIT



UPLAND VISION AND RECOMMENDATIONS

Existing Conditions and Plans



The theme for the Upland station area is an "Historic Downtown UPLAND TRANSIT VILLAGE", WHICH REINFORCES THE TRANSIT NEIGHBORHOOD ENVISIONED IN THE HISTORIC DOWNTOWN UPLAND



ARKET ASSESSMENT AND LAND USE CONCEPTS

Land Use	2014-2020	2020-2035	Totals*
Residential	200-400 dwelling units	400-700 dwelling units	600-1,200 dwelling units
Office	7,000-13,000 SF	55,000-111,000 SF	62,000-124,000 SF
Retail	940 SF	41,000-95,000 SF	43,000 SF
Industrial	10,000-24,000 SF	22,000-52,000 SF	51,000-119,000 SF







VISION STRATEGY RECOMMENDATIONS

<u>Creating a Dynamic Urban</u> Environment (Land Use)

- AND STREETSCAPE TYPOLOGIES IN THE HISTORIC DOWNTOWN UPLAND SPECIFIC PLAN TO BOLISTER RIBERSHIP, BECOME A NEW DESTINATION ALONG THE RAIL LINE AND PROVIDE A LARGER DOWNTOWN WORK FORCE AND RESIDENT BASE.
- · WHEN UPDATING THE GENERAL PLAN, ENSURE ADEQUATE DENSITY AND INTENSITIES ON OPPORTUNITY SITES IN THE 1/2-MILE STATION AREA TO ACCOMMODATE MARKET DEMAND, TO SUPPORT TRANSIT RIDERSHIP AND TO STIMULATE QUALITY DEVELOPMENT IN A WALKABLE DISTANCE FROM THE STATION. AMENDMENTS TO THE SPECIFIC PLAN SHOULD BE COORDINATED WITH FEEDBACK FROM VARIOUS
- DEVELOP INCENTIVES IN THE GENERAL AND SPECIFIC AND TO OBTAIN MAXIMUM DENSITIES/INTENSITIES IN THE OPPORTUNITY SITES IDENTIFIED IN THE GENERAL PLAN
- AS THEY CAN BE A CRITICAL COMPONENT TO DOWNTOWN'S

- INDUSTRIAL SITES, INCLUDING THE HISTORIC PACKING
- Prepare a list of incentives and subsidies that ENCOURAGE A VARIETY OF HOUSING TYPES WITHIN THE STATION AREA AND CREATE A STRONGER SENSE OF PLACE
- DISCOUNTED TRANSIT PASSES

- Continue working with developers in exploring a creative balance of TOD housing types, desired COMMUNITY AMENITIES AND USES SUCH AS ALLOWING LIVE-WORK UNITS AS OPPOSED TO ONLY RESIDENTIAL WHEN INTRODUCING MIXED-USE PROJECTS.
- DOWNTOWN AREA WITH THE CITY'S LONG-RANGE PE

(Connectivity)

- BICYCLE CROSSING OF THE TRACKS AT 4TH STREET OR WEST OF 4TH STREET NEAR THE STATION TO EXPAND THE
- CONSTRAINTS WITH TRANSIT SERVICE PROVIDERS TO IMPROVE ACCESS, SAFETY AND DEMAND FOR TRANSIT AND ENHANCE SAFE PEDESTRIAN AND BIKE PATHWAYS TO AND FROM THE STATION
- 1st. 2nd and 3rd Streets and older packing houses AS THEY DEVELOP INCLUDING INTERSECTION IMPROVEMENTS
- IMPLEMENT SANBAG IMPROVEMENT TO TRANSIT ACCESS THE STATION EITHER ALONG ALLEYS OR THE PEDESTRIAN STREETS. THERE IS ALSO A NON-SIGNALIZED MID-BLOCK CROSSING PROPOSED AT EUCLID AVENUE AND "A" STREET - THE CITY PREFERS A SIGNALIZED CROSSING TO ENSURE

Creating Places

- AREA AND EXTEND THESE TO THE STATION AREA ITSELF PARTICULARLY ALONG STREETS INTERSECTING "A" STREET
- Work with historical groups to redevelop the historic packing houses on "A" Street as unique DEVELOPMENTS WITH TRANSIT-SUPPORTIVE USES AND CONSIDER USES SUCH AS A FOOD TRUCK OR "FOODIE REUSE OF OTHER EXISTING STRUCTURES.
- CONTINUE TO MONITOR AND BUILD UPON THE 9-ACRE BEING THE FIRST RESIDENTIAL DEVELOPMENT OF ITS TYPE IN THE LAST 20 YEARS WILL BE A GOOD TEST FOR THE CITY TO MOVE FORWARD WITH HIGHER DENSITY TOD PROJECTS ADJACENT TO THE STATION. CREATING GOOD PEDESTRIAN LINKAGES, HIGHER DENSITIES THAN THE 22 DWELLING UNITS/ACRE FOR THE LYONS PROJECT AND LOWER PARKING REQUIREMENT THAN THE 2.5 PARKING SPACES PER UNIT AVERAGE FOR THE LYONS PROJECT ARE CRITICAL ELEMENTS FOR TOD.

RANCHO CUCAMONGA VISION AND RECOMMENDATIONS

Existing Conditions and Plans

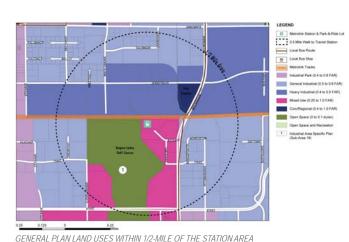


THE THEME FOR THE RANCHO CUCAMONGA STATION AREA IS THE RANCHO CUCAMONGA TRANSIT COMMUNITY, A NEW MIXED-USE DEVELOPMENT CHARACTERIZED BY A COHESIVE AND COMPACT PATTERN OF LANDSCAPED PEDESTRIAN FRIENDLY STREETS, BLOCKS AND BUILDINGS SUPPORTING





POTENTIAL OPPORTUNITY SITES



ASSESSMENT AND LAND USE CONCEPTS

Land Use	2014-2020	2020-2035	Totals*
Residential	500-1,400 dwelling units	800-2,500 dwelling units	1,300-3,900 dwelling units
Office	0 SF	60,000-130,000 SF	60,000-130,000 SF
Retail	21,000 SF	45,000 SF	106,000 SF
Industrial	30,000-61,000 SF	167,000-334,000 SF	197,000-395,000 SF











VISION STRATEGY RECOMMENDATIONS

<u>Creating a Dynamic Urban</u> Environment (Land Use)

- TYPES AND DENSITIES WHICH ARE HIGHER THAN THE 30 DWELLING UNITS/ACRE PERMITTED IN THE GENERAL PLAN TO BOLSTER RIDERSHIP WITH THE OPPORTUNITY TO BECOME A NEW DESTINATION ALONG THE RAIL LINE AND PROVIDE A LARGER DOWNTOWN WORK FORCE AND RESIDENT BASE.
- CONVERT THE PARKING LOTS OF EXISTING OFFICES AND PEDESTRIAN/BIKE CONNECTIONS TO THE TRANSIT STATION

(Connectivity)

- COURT AND ANAHEIM PLACE TO GIVE THE STATION AREA A SENSE OF PLACE, ENHANCE CIRCULATION AND STRENGTHEN CONNECTIVITY TO THE MAJOR ARTERIALS.
- BETWEEN MILLIKEN AVENUE AND CLEVELAND AVENUE. AND PROVIDE SHUTTLE/BUS SERVICE TO USES ALONG HAVEN AND FOOTHILL BOULEVARDS
- Provide transit-related commercial along the extended 7th Street. This will support an effort to greate a stronger connection between nearby residents and the Metrodomik station Retail along Milliken Avenue, adjacent to Azusa Court has struggled over the years with high turnover likely due to limited residential development and a high DUE TO LIMITED RESIDENTIAL DEVELOPMENT AND A HIGH CONCENTRATION OF INDUSTRIAL USES IN THE AREA.
- PLANNED MIXED-USE DEVELOPMENT ON THE GOLF COURSE TO THE STATION.
- PLAN) TO PARCELS SOUTH OF 6TH STREET, ADJACENT TO 4TH STREET AND HAVEN AVENUE, THE ANTICIPATED FOCUS

- THE WEST VALLEY CONNECTOR TO CAPTURE THE HIGH RIDERSHIP POTENTIAL NEAR THE HAVEN AVENUE AND FOOTHILL BOULEVARD INTERSECTION (ADJACENT TO CIVIC CENTER AND TERRA VISTA TOWN CENTER) AND/OR VICTORIA GARDENS.
- CURRENTLY IN THE SANBAG RAIL RIGHT-OI SERVE ADJACENT INDUSTRIAL USES. SANTA FE RAILWAY
- THE POTENTIAL OF DOING HIGH-DENSITY, MIXED-USE TOD DEVELOPMENT ADJACENT TO THE METROLINK STATION.
- ENHANCE MILLIKEN AVENUE WITH A SIGNATURE SCULPTURAL STATEMENT AND/OR A GATEWAY MARKER SUCH AS STATEMENT PALM TREES AND ENHANCED PAVING TO THE METROLINK STATION AND ESTABLISH A SENSE OF

Creating Places

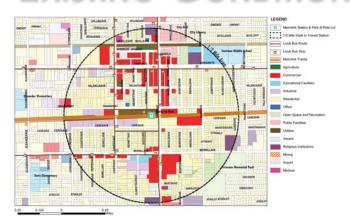
HE METROLINK STATION AND THE EMPIRE LAKES GOLF

PUBLIC GATHERING SPACES AS A FOCUS FOR A VARIETY OF HOUSING TYPES, AND FOR CONNECTING DENSE RESIDENTIAL DEVELOPMENT AND STRUCTURED PARKING SUPPORTING THE STATION, TRANSIT-CENTER-RELATED COMMERCIAL, RETAIL AND NEARBY EMPLOYMENT CENTERS.

- ACTIVATE RANCHO CUCAMONGA COURT AS A DESTINATION WITH FOOD VENDORS, COFFEE SHOPS AND/OR RESTAURANTS WHICH CAN CATER TO BOTH TRANSIT PATRONS AND
- FUNDING A FUTURE PARKING STRUCTURE.

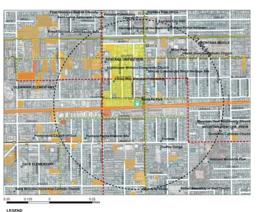
FONTANA VISION AND RECOMMENDATIONS

Existing Conditions and Plans



EXISTING LAND USES

The theme for the Fontana station area is Downtown Transit Village. The intent is to REESTABLISH DOWNTOWN AS THE HEART OF THE COMMUNITY AND A REGIONAL DESTINATION WITH RETAIL, ENTERTAINMENT, CIVIC USES AND OTHER TRANSIT-SUPPORTIVE USES, SUCH AS HIGHER DENSITY HOUSING. Stronger connections should be made to the transit station, to the PE Trail and key assets in THE STATION AREA INCLUDING THE CIVIC CENTER COMPLEX, LEWIS LIBRARY, CHAFFEY COLLEGE, NEW MIXED-USE DEVELOPMENT AND SURROUNDING NEIGHBORHOODS.





POTENTIAL OPPORTUNITY SITES

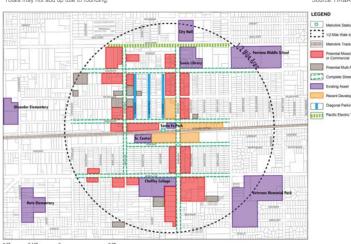


DOWNTOWN FONTANA TOD DEVELOPMENT STUD

USE CONCEPTS ARKET ASSESSMENT AND LAND

FONTANA DEMAND SUMMARY

Land Use	Current Recapture	2014-2020	2020-2035	Totals*
Residential		200-500 dwelling units	400-1,000 dwelling units	600-1,500 dwelling units
Office		12,000-25,000 SF	43,000-87,000 SF	56,000-113,000 SF
Retail	47,000 SF	6,000 SF	40,000 SF	92,000 SF
Industrial		6,000-18,000 SF	24,000-72,000 SF	30,000-90,000 SF
*Totals may not add up due to rounding. Source: HR&A Advisors, Inc				



POTENTIAL AREA FOR LAND USE CHANGES











- THE METROLINK PARKING LOT WITH A SHARED STRUCTURE FOR DEVELOPMENT AND REPLACEMENT PARK-&-RIDE PARKING WOULD BE METROLINK PARKING REPLACED IN A PARKING STRUCTURE SHARED WITH RESIDENTIAL AND HOUSING AT DENSITIES OF 40 TO 50 DWELLING
- B A SMALL INFILL SITE ON ROSENA AVENUE ILLUSTRATES THE OPPORTUNITY FOR MULTI-FAMILY AND SHARED PARKING AT 12 TO 18 DWELLING UNITS/ACRE.
- A SMALL INFILL SITE WITH MIXED USE COULD INCLUDE BELOW GRADE
- D MULTI-FAMILY DEVELOPMENT ON A VACANT SITE ON ARROW BOULEVARD AND JUNIPER AVENUE AT 40 TO 50 DWELLING UNITS/ ACRE. AS THIS IS A LARGE SITE, IT COULD BE PHASED TO ILLUSTRATED FOR MONTCLAIR.



NEIGHBORHOOD PARKS PROVIDE CONNECTIVITY



VISION STRATEGY RECOMMENDATIONS

<u>Creating a Dynamic Urban</u> Environment (Land Use)

- AS PARKING UTILIZATION IS AT 70.2%, CONSIDER AS AN EARLY PHASE WHEN MODEST CONDITIONS ARE IMPROVED DEVELOPING THE VACANT PARCEL ADJACENT TO JUNIPER AVENUE SOUTH OF CERES AVENUE AND A PORTION OF THE METROLINK PARKING LOT INTO A TOD ALLOWING FOR A VARIETY OF HOUSING CHOICES AND ATTRACTING A WIDE VARIETY OF RESIDENTS, I.E., STUDENT HOUSING, SENIOR HOUSING, LIVE/WORK, MULTI-FAMILY HOUSING AND SINGLE FAMILY HOUSING, FOR BOTH SALE AND RENT.
- . OVER TIME, CONSOLIDATE MULTIPLE LOTS AND INFILL TO METROLINK STATION WITH TRANSIT-SUPPORTIVE
 USES INCLUDING HOUSING, AT A DENSITY HIGHER THAN IS
- UTILIZE AN UPDATED DOWNTOWN SPECIFIC PLAN, WHICH DESTINATION ALONG THE RAIL LINE AND PROVIDE A LARGER DOWNTOWN WORK FORCE AND RESIDENT BASE

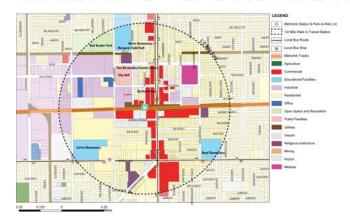
Making the Connections (Connectivity)

- WITHIN THE STATION AREA AND A 3-MILE RADIUS OF THE
- THE PE TRAIL TO OFFER AN ALTERNATE WAY TO REACH THE STATION AND IMPROVE THE PEDESTRIAN/BICYCLE ENVIRONMENT ALONG SIERRA AVENUE.
- POPULATION AT CHAFFEY COLLEGE BY PROVI ATTRACTIVE STREETSCAPE ENHANCEMENTS ON SIERRA AVENUE, JUNIPER AVENUE AND MERRILL AVENUE (E.G. STREET FURNITURE, LIGHTING, AND STREET TREES).

- ENCOURAGE AN ACTIVE TRANSIT PLAZA WITH ACTIVE GATHERING PLACES AT SANTA FE PARK USED BY RIDERS COMING AND GOING TO THE TRANSIT STATION AND BY THOSE LIVING AND WORKING IN THE AREA. THE TRANSIT PLAZA COULD BE A GATEWAY TO THE STATION AREA AND INCLUDE PLACE-MAKING FEATURES SUCH AS RECREATIONAL FITNESS EQUIPMENT, LANDSCAPING, PUBLIC ART, FOOD VENDORS, INFORMATIONAL SIGNAGE AND DISPLAYS CELEBRATING
- As vacant land is absorbed around the station area, development should be focused towards infill and consideration should be given to streetscape improvements near the station including Orange Way, which has the potential of becoming a complete street unifying the Metrolink station with the neighborhood to the north, reducing automobile speeds for pedestrian safety and oreating a more perfectional region of the thorough station and perfections. PEDESTRIAN-FRIENDLY ENVIRONMENT
- . THE FONTANA METROLINK STATION HAS ONE OF THE HIGHEST AVERAGE DAILY BOARDINGS OF ANY SITE II THE OMNITRANS SERVICE AREA, AT JUST UNDER 4,000 DAILY BOARDINGS. PREQUENT HEADWAYS AND STRONG PERFORMING ROUTES SERVE THE STATION AND THE MULTIPLE ROUTES THAT TERMINATE THERE. COORDINATE WITH OMNITRANS REGARDING FUTURE EXPANSION,

RIALTO VISION AND RECOMMENDATIONS

Existing Conditions and Plans



EXISTING LAND USES

THE THEME FOR RIALTO IS "HISTORIC DOWNTOWN RIALTO TRANSIT VILLAGE". THIS IS A MIXED-USE COMMUNITY FORMED AROUND THE CIVIC USES, THE DOWNTOWN MAIN STREET, THE RIVERSIDE AVENUE SHOPS AND

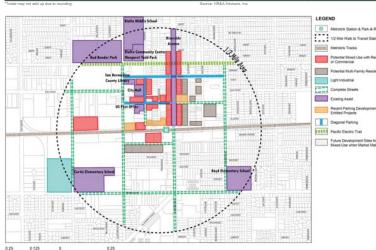


POTENTIAL OPPORTUNITY SITES



ARKET ASSESSMENT AND LAND USE CONCEPTS

Land Use	Current Recapture	2014-2020	2020-2035	Totals*
Residential		100-200 dwelling units	400-700 dwelling units	500-900 dwelling units
Office		20,000-30,000 SF	71,000-107,000 SF	91,000-137,000 SF
Retail	33,000 SF	15,300 SF	45,100 SF	93,000 SF
Industrial		13,000-26,000 SF	52,000-103,000 SF	65,000-130,000 SF















VISION STRATEGY RECOMMENDATIONS

<u>Creating a Dynamic Urban</u> Environment (Land Use)

- UTILIZE THE AMENDED SPECIFIC PLAN'S CORE COMMERCIAL TOD OVERLAY ZONE (30 DWELLING UNITS/ACRE) AND THE GENERAL PLAN'S DOWNTOWN MIXED USE DESIGNATION (6.1 TO 60 DWELLING UNITS/AC; MAX 1.5 FAR) TO ADD NEW DEVELOPMENTS COMPOSED OF OFFICE, RESIDENTIAL, LIVE/WORK SPACE, RETAIL AND INDUSTRIAL TO BOLSTER RIDERSHIP WITH THE OPPORTUNITY TO BECOME A NEW DESTINATION ALONG THE RAIL LINE PROVIDING A LARGER DOWNTOWN WORK FORCE AND RESIDENT BASE.
- COMPONENT TO DOWNTOWN'S FUTURE SUCCESS.
- Remove uncertainty related to the Civic Center
- DETERMINE STATUS OF LAND OWNED BY REDEVELOPMENT AGENCIES AND POTENTIAL CHANGES IN INDUSTRIAL SITES
- ENCOURAGES A VARIETY OF HOUSING TYPES AND USES WITHIN THE STATION AREA AND CREATE A STRONGER SENSE OF PLACE, SUCH AS:
- 2. Funding for infrastructure, connectivity IMPROVEMENTS AND A TRANSIT PLAZA
- 3. DISCOUNTED TRANSIT PASSES
- 4. INNOVATIVE PARKING REDUCTION STRATEGIES AND

- OPPORTUNITY SITES WITHIN 1/2-MILE OF THE STATION AREA.
- MARKET VACANT PROPERTIES FOR TOD.

Making the Connections

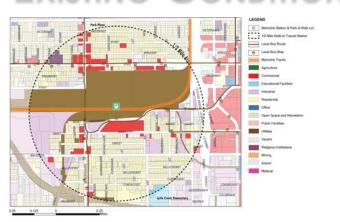
- (Connectivity) IMPLEMENT SANBAG IMPROVEMENTS TO TRANSIT ACCESS FOR CYCLISTS AND PEDESTRIANS, WHICH INCLUDES A STRONG DIRECT PEDESTRIAN CONNECTION FROM WILLOW AVENUE.
- SIDEWALKS ALONG RIALTO AVENUE, 1ST STREET, PALM AVENUE AND OTHER STREETS LINKING MAJOR DESTINATIONS AND ACTIVITY AREAS TO HELP DRAW PEDESTRIANS FROM
- PROVIDES CONNECTIONS TO BUS ROUTES ALONG FOOTHILL BOULEVARD AND OTHER CORRIDORS TO THE SOUTH.
- PLANNING FOR A PEDESTRIAN CONNECTION UNDER OR OVER THE TRACKS IN CONJUNCTION WITH ADJOINING DEVELOPMENT AND RAIL IMPROVEMENTS. THIS IS ESPECIALLY CRITICAL FOR STRENGTHENING THE VIABILITY OF

Creating Places

- ORANGE AVENUE AND FUTURE DEVELOPMENTS.
- RIVERSIDE AVENUE TO OTHER STREETS SUCH AS RIALTO AVENUE IN THE STATION AREA AND INTEGRATE THIS WITH EACH NEW PLANNED DEVELOPMENT.
- QUALITY PEDESTRIAN-ORIENTED DEVELOPMENT PROVIDING A SENSE OF PLACE WHICH WILL ATTRACT A DIVERSE DAYTIME AND EVENING POPULATION TRANSFORMING THE DOWNTOWN AREA INTO A DESTINATION. ATTRACTING POTENTIAL NEW RESIDENTS FROM SPECIFIC PLANS TO THE NORTH (E.G., THE RENAISSANCE SPECIFIC PLAN), WHICH ARE PLANNED TO BE EMPLOYMENT CENTERS AND WILL INCLIDE THOUSANDS OF RESIDENTIAL UNITS AND STUDENTS FROM LOCAL COLLEGES CAN PROVIDE A VIBRANT DOWNTOWN ATMOSPHERE ALLOWING RETAIL TO THRIVE.

SAN BERNARDINO VISION AND RECOMMENDATIONS

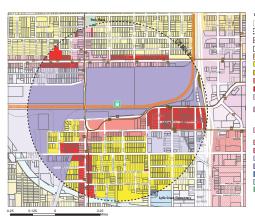
Existing Conditions and Plans



EXISTING LAND USES

The theme for the San Bernardino station area is the "Santa Fe Depot Employment District" which enhances the historic character OF THE ADJACENT SANTA FE DEPOT AND SUPPORTS THE INDUSTRIAL ACTIVITIES OF THE BNSF INTERMODAL YARD TO CREATE UNIQUE, EMPLOYMENT/TRAINING FOCUSED DEVELOPMENT.





ARKET ASSESSMENT AND LAND USE CONCEPTS

Land Use	2014-2020	2020-2035	Totals*
Residential	60-100 dwelling units	150-300 dwelling units	200-400 dwelling units
Office	0-9,000 SF	0-36,000 SF	0-44,000 SF
Retail	5,300 SF	16,300 SF	37,100 SF
Industrial	47,000-109,000 SF	171,000-399,000 SF	218,000-509,000 SF





COMMUNITY EVENT ANIMATING THE PUBLIC REALM





VISION STRATEGY RECOMMENDATIONS

<u>Creating a Dynamic Urban</u> Environment (Land Use)

- SIMPLIFY AND REFINE THE GENERAL PLAN AND THE DEVELOPMENT CODE TO SUPPORT THE REPOSITIONING OF THE DEPOT AREA TO BE ABOUT JOB CREATION. CONSOLIDATING THE ZONING CATEGORIES WILL STREAMLINE THE DEVELOPMENT PROCESS AND PROVIDE DEVELOPERS WITH THE TOOLS THEY NEED TO INTRODUCE THE CITY'S DESIRED USES, BUILDING TYPES AND AMENITIES IN THE DEPOT'S STATION AREA.
- INCLUDE THE DEPOT'S STATION AREA AS A FOCUS AREA IN ADDITION TO THE CITY'S ONGOING EFFORTS IN THE DOWNTOWN CORE, CALIFORNIA STATE UNIVERSITY, SAN BERNARDINO AND HOSPITALITY LANE.
- No increase in residential densities is recommended due to the BNSF Intermodal Yard. Over time POCKETS OF RESIDENTIAL ISOLATED BY THE RAILROAD AND INDUSTRIAL USE SHOULD BE DESIGNATED FOR INDUSTRIAL.
- CONSIDER OPEN SPACE AS A VIABLE OPTION TO IMPROVE

SURFACE PARKING PROVIDED AT THE DEPOT, AND THE ADJACENT 2ND STREET SHOPPING CENTER, WHEN IT IS ECONOMICALLY FEASIBLE FOR PARKING STRUCTURES.

Making the Connections

- (Connectivity) IMPLEMENT SANBAG IMPROVEMENT TO TRANSIT ACCESS FOR CYCLISTS AND PEDESTRIANS WHICH INCLUDES PLANNED IMPROVEMENTS TO THE PEDESTRIAN AND BICYCLE ENVIRONMENT TO ENHANCE STATION CONNECTIVITY.
- BETWEEN THE SANTA FE DEPOT AREA AND THE SINGLE FAMILY NEIGHBORHOODS TO THE NORTH AND SOUTH OF THE DEPOT WHICH ARE BIFURCATED BY RAIL ACTIVITIES. THE DEPOT WHICH ARE BIFURCATED BY RAIL ACTIVITIES. WITH THE BRIDGE MIRPOVEMENTS AND DOWNTOWN SAN BERNARDINO PASSENGER RAIL PROJECTS IN MIND, CONSIDERATION SHOULD ALSO BE GIVEN TO ENHANCING THE STREETSCAPES FOR MT. VERNAN AVENUE, WO STREET, AND RIALTO AVENUE FOR IMPROVED ACCESSIBILITY.
- MARKET THE EXTENSION OF METROLINK TO THE PLANNED SAN BERNARDING TRANSIT CENTER. THE EXTENSION WILL IMPROVE ACCESS FROM DOWNTOWN SAN BERNARDING AND ALL OF ITS DESTINATIONS SUCH AS SAN BERNARDING CITY HALL, CAROUSEL MALL SHOPPING CENTER AND SAN
- CAPITALIZE ON THE SAN BERNARDINO VALLEY COLLEGE LOCATED WITHIN THE 3-MILE STATION AREA FOR THE POTENTIAL OF ESTABLISHING TRAINING SITES IN THE STATION AREA CONNECTED TO THE COLLEGE.

- INTEGRATE COMMUNITY EVENTS AND UNIQUE "POP" UN ACTIVITIES NEAR THE DEPOT TO ATTRACT NEW TRANS. USERS, POTENTIAL EMPLOYERS AND EMPLOYEES OF BNSF INTERMODAL YARD. THE SAN BERNARDINO EMPLOYMENT AGENCY ALSO RECEIVES STATE FUNDING TO ASSIST WITH JOB CREATION IN SUSTAINABLE CAREERS WHICH CAN GIVE THE DEPOT AREA THE OPPORTUNITY TO BE A TRAINING GROUND FOR FUTURE JOB GROWTH
- CREATE A CLUSTER OF CAFES, BARS, FITNESS CENTERS
- ARREA THAT CONTRILIZE ON GRADE CHANGES WITHIN THE SANTA FE DEPOT STATION AREA. PLACES SUCH AS GARDENS, CLUSTERED RETAIL TERRACES AND BICYCLE HUBS ON MULTIPLE LEVELS WOULD ENRICH THE DEPOT AS A DESTINATION AND STRENGTHEN ITS HISTORIC VALUE WITHIN A VIBRANT COMPOSITION OF INTEGRATED COMPONENTS.
- LEVERAGE THE ONGOING EFFORT TO MARKET AND BRAND THE CITY TO HIGHLIGHT THE DEPOT'S UNIQUE SETTING TO POTENTIAL DEVELOPERS. AS PART OF THE MT. VERNON AL PARTNERS (E.G., UNIONS, LOCAL COLLEGES SF) WITH FAVORABLE CONDITIONS FOR THE AND BNSF) WITH FAV