

SECTION 34 00 00
TRANSPORTATION
Construction Specification

PART 1 GENERAL

1.1 PURPOSE:

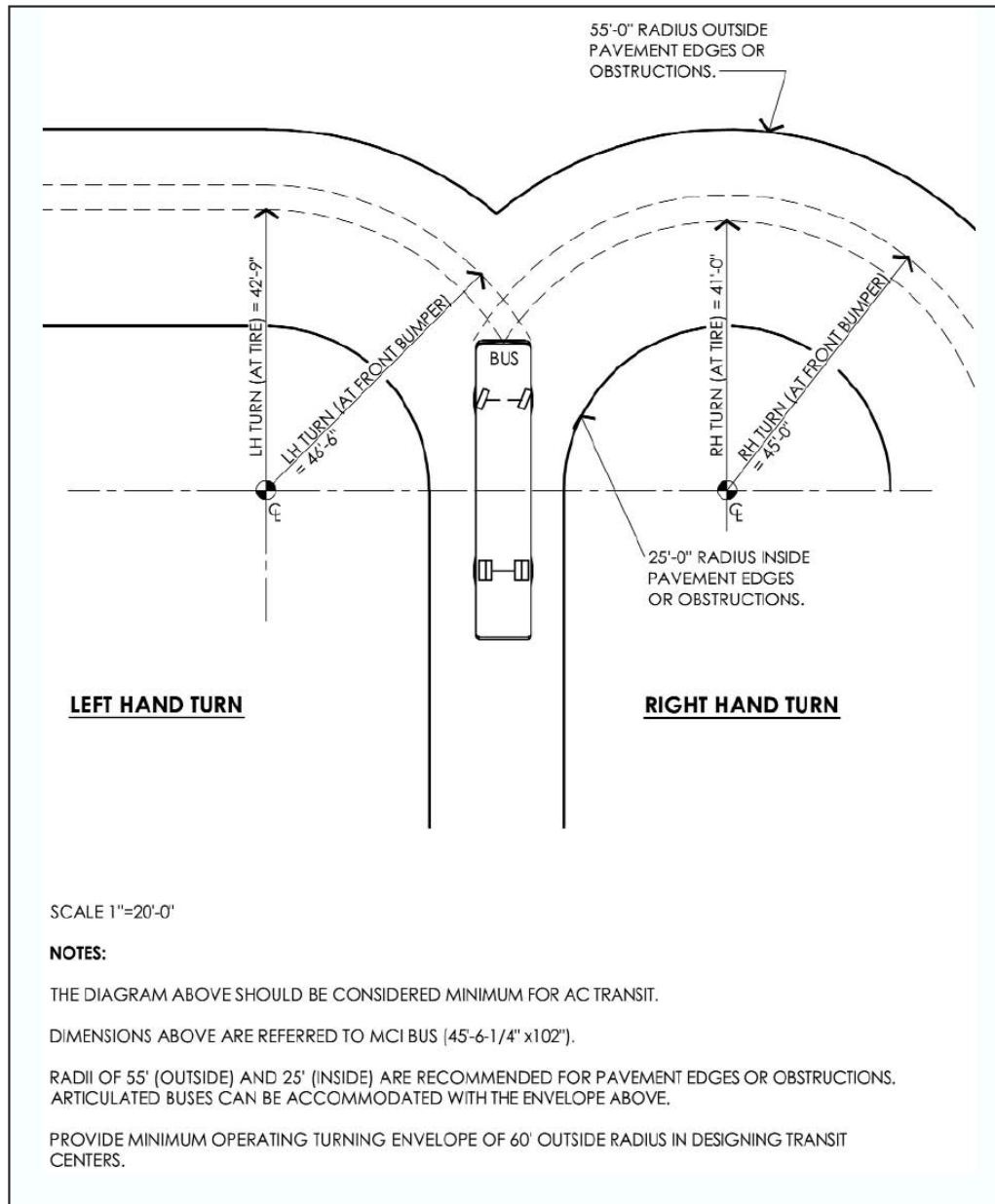
A segment of the student, faculty, staff and visitor populations that come to the colleges of SMCCCD use public transportation. SMCCCD is committed to providing conveniently located full-sized Sam Trans bus stops at each college that are safe, well-lit and accessible, as well as numerous conveniently located drop-off locations for Sam Trans Paratransit Redi-Wheels shuttle vans. Other population segments drive and park at the colleges or are dropped off and picked up. This Transportation Design Standard provides design intent information for use by Planners, Architects and Engineers designing transportation-related facilities at one of the SMCCCD campuses.

San Mateo County Community College District is strongly committed to promoting sustainability throughout their campus projects. Section 01 81 13 Sustainability of the Design Standard provides guidelines and recommendations for implementing sustainability strategies. Where relevant, specific sustainability criteria is noted in this section; however, each project team should review and cross reference that front section while developing the specific project and its documentation. Each discipline shall confirm that specific performance and manufacturer information provided in the specification section is in alignment with code requirements, LEED criteria, and any other goals for sustainability.

1.2 PUBLIC TRANSPORTATION:

Sam Trans provides public transportation services to each of SMCCCD's campuses.

- A. The design professional shall ensure that bus routes accommodate Sam Trans turning radius requirements.
 - 1. Design a bus route with inside turn radii no smaller than 25'-0" and outside turn radii of no less than 55'-0".
 - 2. Refer to the Sam Trans turning radius diagram.
- B. At designated bus stops, two parked buses (allow 45'-0" per bus) shall be accommodated.
- C. At designated bus stops, a passing lane must be provided for one bus to bypass the other.
- D. At designated bus stops, the bus pick-up/drop-off area shall be straight to help ensure safe and clear sight-lines and facilitate safe vehicular movement.
- E. Plan for various conveniently located stopping zones for Sam Trans Paratransit Redi-Wheels shuttle vans, to allow riders access to all parts of the campus.
- F. Bus stop shelters must meet Sam Trans criteria, and may or may not be provided by Sam Trans. Work closely with the Executive Director of Construction Planning and/or the Vice Chancellor of Facilities on this issue.
- G. Coordinate bus route and bus stop plan reviews by Sam Trans in the Design Development phase.
- H. Provide signage and striping to prohibit passenger vehicle stopping or parking
- I. Provide security cameras



1.3 DROP OFF AND PICK UP ZONES:

- A. Plan for various conveniently located passenger drop off and pick up zones around the campus, to allow access to all areas of the campus and prevent such vehicles from causing traffic jams in fire lanes, on roadways and parking lot driveways.
- B. Provide appropriate signing and striping for drop off areas. Provide proper lighting.

1.4 PASSENGER VEHICLE CONSIDERATIONS:

- A. To the extent possible on existing campuses, plan driving and parking routes that intuitively assist in wayfinding and that are conducive to safe coexistence of pedestrian and vehicular circulation.
 1. Create safe pedestrian pathways from parking lots to the campus core.

2. Use landscaping and hardscaping hierarchies to delineate major versus minor vehicular and pedestrian circulation paths.
3. Design parking lot entries that are safe, visually clear, and that do not cause conflicts with roadways.
4. Work carefully with the Vice Chancellor of Facilities and college security personnel to identify locations for parking categories: accessible, staff, student, visitor, metered, carpool, motorcycle, and commercial (service) zones.

PART 2 PRODUCTS (NOT USED)

PART 3 EXECUTION

3.1 SUBSTITUTES ALLOWED?

N/A

3.2 ASSOCIATED DESIGN STANDARDS AND CONSTRUCTION SPECIFICATIONS:

Site Data - District Supplied Documentation

Division 31 Design Standards and Construction Specifications

Division 32 Design Standards and Construction Specifications

Division 33 Design Standards and Construction Specifications

END OF SECTION