Construction Plans
For
Francis Marion University
Def. Maint: Roads, Parking Lots, Sidewalks, Walkways - Roads and Lot E
State Project No: H18-9584-MJ-B2

Contact: Taylor McMillian
Tel: (843) 661-1488
Email: taylor.mcmillian2@fmarion.edu

Prepared by:
Chao & Associates, Inc.
Consulting Engineers
C & A #: 392912-22

Please note that all work must be completed within 90 days of the Date of Commencement in the Notice of Intent.

TABLE 1  FLOOD HAZARD INFORMATION & FLOOD LOADS

<table>
<thead>
<tr>
<th>Flood Hazard Area</th>
<th>Flood Zone</th>
<th>Community Number</th>
<th>Panel Number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>450076</td>
<td>45041C0167E</td>
</tr>
</tbody>
</table>

Is the Project Site in a 100-Year Floodplain?

- Yes
- No

Base Flood Elevation (NGVD or FIRM)

- N/A

Design Flood Elevation (IBC 1612.3 and ASCE 24)

- N/A

EROSION AND SEDIMENT REDUCTION/STORMWATER MANAGEMENT

Designer's Certification:

"I hereby certify that the measures in this plan are designed to control erosion, retain sediment on the site, and manage the runoff of a storm that is considered as one that will cause or increase all flood damage in a similar event. The measures are designed to be constructed in conformance with the regulations contained in Chapter 72, Article 2, SC Code of Regulations (Erosion and Sediment Reduction and Stormwater Management Regulations)."

Engineer

Date

04-02-24

Please note that all work must be completed within 90 days of the Date of Commencement in the Notice of Intent.
1. To material, installation and workmanship shall meet or exceed the minimum standards of the South Carolina Department of Transportation.
2. All excavation for this project is unclassified. When excavating all excess material of whatever substance shall be removed and disposed of in a legal manner.
3. Contractor to verify exact location and depth of existing underground utility lines such as but not limited to electric, water, gas, over-head electric, concrete sidewalks, storm drain pipe, etc. to original plans after asphalt pavement rehabilitation is completed.
4. Contractor is responsible for traffic control.
5. Contractor to repair any damage done to sidewalks, utilities, etc. due to construction at their expense.
6. Contractor shall restore parking stripsing, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, asphalt.
7. Contractor to verify exact location and depth of existing underground utility lines such as but not limited to electric, water, gas, and sewer prior to excavation.
8. Contractor to protect all existing trees along work limits.
9. Contractor to mill and repave 1 layer asphalt.
10. Contractor to repair any damage done to sidewalks, utilities, etc. due to construction at their expense.
11. Contractor to mill and repave 1 layer asphalt.

References:
- December 28, 2022
- Geotechnical borings were performed by Bunnell-Lammons Engineering (BLE) dated December 6, 2023 and April 2, 2024.
- Geotechnical borings were performed by Bunnell-Lammons Engineering (BLE) dated December 6, 2023 and April 2, 2024.
1. Contractor shall not remove any sidewalks, utilities, etc. due to construction at another expense.

2. Contractor shall verify the locations of all utilities shown and it shall be the contractor's responsibility to verify the locations of all utilities. There may be other utilities within the limits of the work. All damage made to existing utilities by the contractor shall be disposed of in a legal manner.

3. Contractor shall verify exact location and depth of existing underground utility lines such as but not limited to electric, water, gas and sewer prior to excavation.

4. Contractor shall restore parking striping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, crosswalks, painted islands and wheel stops, etc. to original places after asphalt pavement rehabilitation is completed.

5. Contractor shall protect all existing trees along work limits.

6. Contractor shall restore parking striping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, crosswalks, painted islands and wheel stops, etc. to original places after asphalt pavement rehabilitation is completed.

7. Contractor shall mill and repave 18" of asphalt.

8. Contractor shall mill and repave 18" of asphalt.

9. All excavation for this project is unclassified. When excavating all excess material of whatever substance shall be removed and disposed of in a legal manner.

10. All materials, installation and workmanship shall meet or exceed the minimum standards of South Carolina Department of Transportation.

11. All excavation for this project is unclassified. When excavating all excess material of whatever substance shall be removed and disposed of in a legal manner.

12. Contractor is responsible for traffic control.

13. Contractor shall verify the locations of all utilities shown and it shall be the contractor's responsibility to verify the locations of all utilities. There may be other utilities within the limits of the work. All damage made to existing utilities by the contractor shall be disposed of in a legal manner.

14. Contractor to verify exact location and depth of existing underground utility lines such as but not limited to electric, water, gas and sewer prior to excavation.

15. Contractor shall verify the locations of all utilities shown and it shall be the contractor's responsibility to verify the locations of all utilities. There may be other utilities within the limits of the work. All damage made to existing utilities by the contractor shall be disposed of in a legal manner.

16. Contractor shall verify the locations of all utilities shown and it shall be the contractor's responsibility to verify the locations of all utilities. There may be other utilities within the limits of the work. All damage made to existing utilities by the contractor shall be disposed of in a legal manner.
1. All excavation for this project is unclassified. When excavating all excess material of whatever substance shall be removed and placed in designated areas. Contractor shall restore parking stripping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, street furniture, etc. to original places after asphalt pavement rehabilitation is completed. Contractor to verify exact location and depth of existing underground utility lines such as but not limited to electric, water, gas and sewer prior to excavation.

2. Contractor is responsible for traffic control.

3. Contractor to mill and repave existing asphalt.

4. Contractor is to mill and repave 12,368 SY.

5. All spot grades are existing top of curb.

6. Contractor shall restore parking stripping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, street furniture, etc. to original places after road pavement rehabilitation is completed. Contractor to verify exact location and depth of existing underground utility lines such as but not limited to electric, water, gas and sewer prior to excavation.

7. Contractor is to mill and repave existing asphalt.

8. Contractor is responsible for traffic control.

9. Contractor shall restore parking stripping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, street furniture, etc. to original places after road pavement rehabilitation is completed.

10. Contractor is to mill and repave 12,368 SY.

11. All spot grades are existing top of curb.

12. Contractor is responsible for traffic control.

13. Contractor shall restore parking stripping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, street furniture, etc. to original places after road pavement rehabilitation is completed.

14. Contractor is to mill and repave 12,368 SY.

15. All spot grades are existing top of curb.

16. Contractor is responsible for traffic control.

17. Contractor shall restore parking stripping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, street furniture, etc. to original places after road pavement rehabilitation is completed.

18. Contractor is to mill and repave 12,368 SY.

19. All spot grades are existing top of curb.

20. Contractor is responsible for traffic control.

21. Contractor shall restore parking stripping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, street furniture, etc. to original places after road pavement rehabilitation is completed.

22. Contractor is to mill and repave 12,368 SY.

23. All spot grades are existing top of curb.

24. Contractor is responsible for traffic control.

25. Contractor shall restore parking stripping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, street furniture, etc. to original places after road pavement rehabilitation is completed.

26. Contractor is to mill and repave 12,368 SY.

27. All spot grades are existing top of curb.

28. Contractor is responsible for traffic control.

29. Contractor shall restore parking stripping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, street furniture, etc. to original places after road pavement rehabilitation is completed.

30. Contractor is to mill and repave 12,368 SY.

31. All spot grades are existing top of curb.

32. Contractor is responsible for traffic control.

33. Contractor shall restore parking stripping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, street furniture, etc. to original places after road pavement rehabilitation is completed.

34. Contractor is to mill and repave 12,368 SY.

35. All spot grades are existing top of curb.

36. Contractor is responsible for traffic control.

37. Contractor shall restore parking stripping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, street furniture, etc. to original places after road pavement rehabilitation is completed.

38. Contractor is to mill and repave 12,368 SY.

39. All spot grades are existing top of curb.

40. Contractor is responsible for traffic control.

41. Contractor shall restore parking stripping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, street furniture, etc. to original places after road pavement rehabilitation is completed.

42. Contractor is to mill and repave 12,368 SY.

43. All spot grades are existing top of curb.

44. Contractor is responsible for traffic control.

45. Contractor shall restore parking stripping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, street furniture, etc. to original places after road pavement rehabilitation is completed.

46. Contractor is to mill and repave 12,368 SY.

47. All spot grades are existing top of curb.

48. Contractor is responsible for traffic control.

49. Contractor shall restore parking stripping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, street furniture, etc. to original places after road pavement rehabilitation is completed.

50. Contractor is to mill and repave 12,368 SY.

51. All spot grades are existing top of curb.

52. Contractor is responsible for traffic control.

53. Contractor shall restore parking stripping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, street furniture, etc. to original places after road pavement rehabilitation is completed.

54. Contractor is to mill and repave 12,368 SY.

55. All spot grades are existing top of curb.

56. Contractor is responsible for traffic control.

57. Contractor shall restore parking stripping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, street furniture, etc. to original places after road pavement rehabilitation is completed.

58. Contractor is to mill and repave 12,368 SY.

59. All spot grades are existing top of curb.

60. Contractor is responsible for traffic control.

61. Contractor shall restore parking stripping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, street furniture, etc. to original places after road pavement rehabilitation is completed.

62. Contractor is to mill and repave 12,368 SY.

63. All spot grades are existing top of curb.

64. Contractor is responsible for traffic control.

65. Contractor shall restore parking stripping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, street furniture, etc. to original places after road pavement rehabilitation is completed.

66. Contractor is to mill and repave 12,368 SY.

67. All spot grades are existing top of curb.

68. Contractor is responsible for traffic control.

69. Contractor shall restore parking stripping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, street furniture, etc. to original places after road pavement rehabilitation is completed.

70. Contractor is to mill and repave 12,368 SY.

71. All spot grades are existing top of curb.

72. Contractor is responsible for traffic control.

73. Contractor shall restore parking stripping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, street furniture, etc. to original places after road pavement rehabilitation is completed.

74. Contractor is to mill and repave 12,368 SY.

75. All spot grades are existing top of curb.

76. Contractor is responsible for traffic control.

77. Contractor shall restore parking stripping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, street furniture, etc. to original places after road pavement rehabilitation is completed.

78. Contractor is to mill and repave 12,368 SY.

79. All spot grades are existing top of curb.

80. Contractor is responsible for traffic control.

81. Contractor shall restore parking stripping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, street furniture, etc. to original places after road pavement rehabilitation is completed.

82. Contractor is to mill and repave 12,368 SY.

83. All spot grades are existing top of curb.

84. Contractor is responsible for traffic control.

85. Contractor shall restore parking stripping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, street furniture, etc. to original places after road pavement rehabilitation is completed.

86. Contractor is to mill and repave 12,368 SY.

87. All spot grades are existing top of curb.

88. Contractor is responsible for traffic control.

89. Contractor shall restore parking stripping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, street furniture, etc. to original places after road pavement rehabilitation is completed.

90. Contractor is to mill and repave 12,368 SY.

91. All spot grades are existing top of curb.

92. Contractor is responsible for traffic control.

93. Contractor shall restore parking stripping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, street furniture, etc. to original places after road pavement rehabilitation is completed.

94. Contractor is to mill and repave 12,368 SY.

95. All spot grades are existing top of curb.

96. Contractor is responsible for traffic control.

97. Contractor shall restore parking stripping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, street furniture, etc. to original places after road pavement rehabilitation is completed.

98. Contractor is to mill and repave 12,368 SY.

99. All spot grades are existing top of curb.

100. Contractor is responsible for traffic control.

101. Contractor shall restore parking stripping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, street furniture, etc. to original places after road pavement rehabilitation is completed.

102. Contractor is to mill and repave 12,368 SY.

103. All spot grades are existing top of curb.

104. Contractor is responsible for traffic control.

105. Contractor shall restore parking stripping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, street furniture, etc. to original places after road pavement rehabilitation is completed.

106. Contractor is to mill and repave 12,368 SY.

107. All spot grades are existing top of curb.

108. Contractor is responsible for traffic control.
Replace curb shown and it shall be the contractor's responsibility to verify the locations of all utilities. The utilities are shown for the contractor's convenience only. There may be other utilities the sole responsibility of the contractor.

Call 811 Before You Dig

MATCHLINE - STA. 24+00 THIS SHEET

Cut tree roots and full depth repair

Install inlet filter protection, typ.

Light pole

Concrete sidewalk

Storm drain pipe

Detectable warning surface

Detectable warning surface

Underground telephone

Fenceline

Overhead electric

Sanitary sewer line

Sanitary sewer manhole

Water line

Water meter

End of Project

Limit for Alumni Dr.

STA. 27+67

PROJECT: DEF. MAINT. ROADS, PARKING LOTS, SIDEWALKS, WALKWAYS - ROADS AND LOT E

STATE PROJECT NO.: H18-9584-MJ-B2

Def. Maint: Roads, Parking Lots, Sidewalks, Walkways

Prepared for: Francis Marion University

Florence County, South Carolina

THESE DOCUMENTS AND THE INFORMATION CONTAINED HEREIN ARE THE PROPERTY OF CHAO & ASSOCIATES, INC. AND MAY NOT BE USED FOR ANY PURPOSE WITHOUT THE WRITTEN PERMISSION OF CHAO & ASSOCIATES, INC.
Cut tree roots and full depth repair (5,319 SY)

Roads repair DI GRATE: 94.39

Curb & gutter
Underground cable TV
Telephone pedestal
Telephone poles
Fire hydrant
Overhead electric
Cleanout (CO)
Gas valve
Water line
Water meter

1. Installation:
   1. All spot grades are existing top of curb.
   2. Contractor to mill and repave 1' wide asphalt shoulder.
   3. Contractor to repair any damage done to sidewalks, utilities etc., due to construction at his/her expense.
   4. Contractor to repair and/or replace pavement markings in accordance with the school pavement marking standards. All materials, installation and workmanship shall meet of exceed the minimum standards of South Carolina Department of Transportation.
   5. Contractor to verify the locations shown and it shall be the contractor's responsibility to verify the locations of all utilities
   6. Contractor to restore parking striping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, crosswalks, painted islands and wheel stops, etc to original places after asphalt pavement rehabilitation is completed.
   7. Contractor to protect all existing trees along work limits.
   8. Contractor responsible for traffic control.

2. References:
   1. Geotechnical borings were performed by Bunnell-Lammons Engineering (BLE) dated December 6, 2023 and April 2, 2024.
   2. Boundary and topographic information (1-foot contour) were surveyed using LiDAR by Back Forty Aerial Solutions dated December 28, 2022.
   3. Geotechnical borings were performed by Bunnell-Lammons Engineering (BLE) dated December 6, 2023 and April 2, 2024.

3. Notes:
   1. Geotechnical borings were performed by Bunnell-Lammons Engineering (BLE) dated December 6, 2023 and April 2, 2024.
   2. Contractor to mill and remove 1' wide asphalt.
   3. Contractor to repair any damage done to sidewalks, utilities etc., due to construction at his/her expense.
   4. Contractor to repair and/or replace pavement markings in accordance with the school pavement marking standards. All materials, installation and workmanship shall meet of exceed the minimum standards of South Carolina Department of Transportation.
   5. Contractor to verify the locations shown and it shall be the contractor's responsibility to verify the locations of all utilities
   6. Contractor to restore parking striping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, crosswalks, painted islands and wheel stops, etc to original places after asphalt pavement rehabilitation is completed.
   7. Contractor to protect all existing trees along work limits.
   8. Contractor responsible for traffic control.
The utilities are shown for the contractor's convenience only. There may be other utilities within the limits of the work. All damage made to existing utilities by the contractor shall be the sole responsibility of the contractor.

1. Cut tree roots and full depth repair (5,319 SY).
Contractor shall repair and/or replace pavement markings in accordance with the school pavement marking standards of materials, location and installation.

5. Contractor to verify exact location and depth of existing underground utility lines such as but not limited to electric, water, gas and sewer prior to excavation.

6. Contractor shall restore parking striping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, crosswalks, painted islands and wheel stops, etc. to original places after asphalt pavement rehabilitation is completed.

7. Contractor to protect all existing trees along work limits.

8. Contractor responsible for traffic control.

By materials, installation and workmanship shall meet or exceed the minimum standards of South Carolina Department of Transportation.

2. All excavation for this project is unclassified. When excavating all excess material of whatever substance shall be removed and disposed of in a legal manner.

3. Contractor to repair any damage done to sidewalks, utilities, etc. due to construction at his/her expense.

4. Contractor to repair any damage done to sidewalks, utilities, etc. due to construction at his/her expense.

5. Contractor to verify exact location and depth of existing underground utility lines such as but not limited to electric, water, gas and sewer prior to excavation.

6. Contractor to repair and/or replace pavement markings in accordance with the school pavement marking standards of materials, location and installation.

7. Contractor to protect all existing trees along work limits.

8. Contractor responsible for traffic control.

9. All spot grades are existing top of curb.

1. All split grades are existing top of curb.

2. Contractor to mill and repave 1" asphalt.

3. Contractor to restore parking striping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, crosswalks, painted islands and wheel stops, etc. to original places after asphalt pavement rehabilitation is completed.

4. Contractor to repair and/or replace pavement markings in accordance with the school pavement marking standards of materials, location and installation.

5. Contractor to verify exact location and depth of existing underground utility lines such as but not limited to electric, water, gas and sewer prior to excavation.

6. Contractor to repair any damage done to sidewalks, utilities, etc. due to construction at his/her expense.

7. Contractor to protect all existing trees along work limits.

8. Contractor responsible for traffic control.

9. All spot grades are existing top of curb.
1. Vertical curb shall be constructed in 10-foot lengths. (Heavy). 10' x 4" shall be placed at intersections to form perfect right angles. All edges and midpoint of radius, and at any point where new vertical curb abuts other concrete curbs shall be milled. (Optional)
2. Concrete shall be tight to all new intersections and edges and midpoint of radius, and at any point where new vertical curb abuts other concrete curbs shall be milled. (Optional)
3. Contractor to match existing concrete curbs.

Details of 6" Concrete Vertical Curb
Not to Scale

Note:
Contractor shall verify all existing underground utilities prior to demolition and full-depth pavement rehabilitation process.

Surface to meet ADA

Detectable Warning Surface Detail
Typical vertical curb shall be constructed in 10-foot lengths. (Heavy). 10' x 4" shall be placed at intersections to form perfect right angles. All edges and midpoint of radius, and at any point where new vertical curb abuts other concrete curbs shall be milled. (Optional)
2. Concrete shall be tight to all new intersections and edges and midpoint of radius, and at any point where new vertical curb abuts other concrete curbs shall be milled. (Optional)
3. Contractor to match existing concrete curbs.

Note:
Contractor shall verify all existing underground utilities prior to demolition and full-depth pavement rehabilitation process.

Vertical curb shall be constructed in 10-foot lengths. (Heavy). 10' x 4" shall be placed at intersections to form perfect right angles. All edges and midpoint of radius, and at any point where new vertical curb abuts other concrete curbs shall be milled. (Optional)
2. Concrete shall be tight to all new intersections and edges and midpoint of radius, and at any point where new vertical curb abuts other concrete curbs shall be milled. (Optional)
3. Contractor to match existing concrete curbs.

Note:
Contractor shall verify all existing underground utilities prior to demolition and full-depth pavement rehabilitation process.

Vertical curb shall be constructed in 10-foot lengths. (Heavy). 10' x 4" shall be placed at intersections to form perfect right angles. All edges and midpoint of radius, and at any point where new vertical curb abuts other concrete curbs shall be milled. (Optional)
2. Concrete shall be tight to all new intersections and edges and midpoint of radius, and at any point where new vertical curb abuts other concrete curbs shall be milled. (Optional)
3. Contractor to match existing concrete curbs.

Note:
Contractor shall verify all existing underground utilities prior to demolition and full-depth pavement rehabilitation process.

Vertically, the curb shall be constructed in 10-foot lengths. (Heavy). 10' x 4" shall be placed at intersections to form perfect right angles. All edges and midpoint of radius, and at any point where new vertical curb abuts other concrete curbs shall be milled. (Optional)
2. Concrete shall be tight to all new intersections and edges and midpoint of radius, and at any point where new vertical curb abuts other concrete curbs shall be milled. (Optional)
3. Contractor to match existing concrete curbs.

Note:
Contractor shall verify all existing underground utilities prior to demolition and full-depth pavement rehabilitation process.

Veritcal curb shall be constructed in 10-foot lengths. (Heavy). 10' x 4" shall be placed at intersections to form perfect right angles. All edges and midpoint of radius, and at any point where new vertical curb abuts other concrete curbs shall be milled. (Optional)
2. Concrete shall be tight to all new intersections and edges and midpoint of radius, and at any point where new vertical curb abuts other concrete curbs shall be milled. (Optional)
3. Contractor to match existing concrete curbs.

Note:
Contractor shall verify all existing underground utilities prior to demolition and full-depth pavement rehabilitation process.

Vertical curb shall be constructed in 10-foot lengths. (Heavy). 10' x 4" shall be placed at intersections to form perfect right angles. All edges and midpoint of radius, and at any point where new vertical curb abuts other concrete curbs shall be milled. (Optional)
2. Concrete shall be tight to all new intersections and edges and midpoint of radius, and at any point where new vertical curb abuts other concrete curbs shall be milled. (Optional)
3. Contractor to match existing concrete curbs.

Note:
Contractor shall verify all existing underground utilities prior to demolition and full-depth pavement rehabilitation process.

Veritcal curb shall be constructed in 10-foot lengths. (Heavy). 10' x 4" shall be placed at intersections to form perfect right angles. All edges and midpoint of radius, and at any point where new vertical curb abuts other concrete curbs shall be milled. (Optional)
2. Concrete shall be tight to all new intersections and edges and midpoint of radius, and at any point where new vertical curb abuts other concrete curbs shall be milled. (Optional)
3. Contractor to match existing concrete curbs.

Note:
Contractor shall verify all existing underground utilities prior to demolition and full-depth pavement rehabilitation process.

Vertical curb shall be constructed in 10-foot lengths. (Heavy). 10' x 4" shall be placed at intersections to form perfect right angles. All edges and midpoint of radius, and at any point where new vertical curb abuts other concrete curbs shall be milled. (Optional)
2. Concrete shall be tight to all new intersections and edges and midpoint of radius, and at any point where new vertical curb abuts other concrete curbs shall be milled. (Optional)
3. Contractor to match existing concrete curbs.

Note:
Contractor shall verify all existing underground utilities prior to demolition and full-depth pavement rehabilitation process.

Vertical curb shall be constructed in 10-foot lengths. (Heavy). 10' x 4" shall be placed at intersections to form perfect right angles. All edges and midpoint of radius, and at any point where new vertical curb abuts other concrete curbs shall be milled. (Optional)
2. Concrete shall be tight to all new intersections and edges and midpoint of radius, and at any point where new vertical curb abuts other concrete curbs shall be milled. (Optional)
3. Contractor to match existing concrete curbs.

Note:
Contractor shall verify all existing underground utilities prior to demolition and full-depth pavement rehabilitation process.

Vertical curb shall be constructed in 10-foot lengths. (Heavy). 10' x 4" shall be placed at intersections to form perfect right angles. All edges and midpoint of radius, and at any point where new vertical curb abuts other concrete curbs shall be milled. (Optional)
2. Concrete shall be tight to all new intersections and edges and midpoint of radius, and at any point where new vertical curb abuts other concrete curbs shall be milled. (Optional)
3. Contractor to match existing concrete curbs.

Note:
Contractor shall verify all existing underground utilities prior to demolition and full-depth pavement rehabilitation process.

Vertical curb shall be constructed in 10-foot lengths. (Heavy). 10' x 4" shall be placed at intersections to form perfect right angles. All edges and midpoint of radius, and at any point where new vertical curb abuts other concrete curbs shall be milled. (Optional)
2. Concrete shall be tight to all new intersections and edges and midpoint of radius, and at any point where new vertical curb abuts other concrete curbs shall be milled. (Optional)
3. Contractor to match existing concrete curbs.

Note:
Contractor shall verify all existing underground utilities prior to demolition and full-depth pavement rehabilitation process.
Striping Notes:
1. Use alkyd base traffic lane marking paint, factory mixed, quick drying and non-bleeding
2. Apply two (2) coats of paint at manufacturers’ recommended rates
3. Use white for striping and blue for ADA related striping

Parking Space Layout

Typical Stop Line Detail

Striping Notes:
1. Use alkyd base traffic lane marking paint, factory mixed, quick drying and non-bleeding
2. Apply two (2) coats of paint at manufacturers’ recommended rates

Typical Pavement Markings

Handicapped Parking Symbol Detail

Striping Notes:
1. Use alkyd base traffic lane marking paint, factory mixed, quick drying and non-bleeding
2. Apply two (2) coats of paint at manufacturers’ recommended rates
3. Use white for striping and blue for ADA related striping

School Crosswalk Marking

Typical Parking & Island Layout

Striping Notes:
1. Use alkyd base traffic lane marking paint, factory mixed, quick drying and non-bleeding
2. Apply two (2) coats of paint at manufacturers’ recommended rates

Striping Notes:
1. Use alkyd base traffic lane marking paint, factory mixed, quick drying and non-bleeding
2. Apply two (2) coats of paint at manufacturers’ recommended rates
3. Use white for striping and blue for ADA related striping

Parking Space Layout

Face of curb

6" wide white striping

12’ typ. 6’ wide of lane

24" solid white line

Handicapped Parking Symbol Detail

8" dia.

2 coats of traffic paint

4" wide painted lines