**General Project Description**

Construct six-foot wide bike lanes along Harrison Road from 3050 feet north of Catalina Highway to the main entrance to Sabino High School at Valarta Drive, a total distance of 1.9 miles. The project shall also include signage and pavement markings.

**Plan Sheet RDJ**

- 12+00 to 20+00
- 20+00 to 29+00
- 29+00 to 38+00

**Plan Sheet RD4**

- 38+00 to 41+00

**Plan Sheet RD6**

- 41+00 to 56+00
- 56+00 to 65+00

**Plan Sheet RD9**

- 65+00 to 74+00
- 74+00 to 83+00
- 83+00 to 92+00
- 92+00 to 101+00
- 101+00 to 110+00
- 110+00 to 119+00

**Plan Sheet RD12**

- 119+00 to 128+00

---

**SABINO HIGH SCHOOL - HARRISON ROAD BICYCLE LANE**

**TRANSPORTATION ENHANCEMENT PROJECT**

**PROJECT # 4TEHBL**

**ADOT TRACS NO. 0000 PM PPM SL699 01 C**

**FEDERAL AID NO. TEA-PPM 0(227) A**

**PIMA COUNTY BOARD OF SUPERVISORS**

SHARON BRONSON, CHAIR, DISTRICT 3
ALLY MILLER, DISTRICT 1
RICHARD ELIAS, DISTRICT 5
RAMON VALADEZ, DISTRICT 2
RAY CARROLL, DISTRICT 4

**PROJECT IN SUPERVISOR DISTRICTS 1 & 4**

**SHEET INDEX**

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**Stantec**

5331 East Broadway Blvd, Suite 400
Tucson, Arizona 85712
Phone: 520-799-7474
Fax: 520-799-7475
www.stantec.com
GENERAL NOTES
(1) CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE SPECIFICATIONS AND DETAILS LISTED IN THE PROJECT SPECIFICATION

(2) UTILITY LOCATIONS SHOWN ON PLANS WERE COMPiled BASED ON THE BEST INFORMATION AVAILABLE TO THE DEPARTMENT. UTILITY INFORMATION IS NOT INTENDED TO BE EXACT OR COMPLETE. PRIOR TO CONNECTING CONSTRUCTION TO THE UTILITIES, THE CONTRACTOR SHALL DETERMINE THE LOCATION OF ALL UTILITIES WITH PIMA COUNTY. ORGANIZATION. THE CONTRACTOR SHALL CONTACT "BLUE STAKE" AT 1-800-725-5454 FAX OR 1-800-725-5454 FOR FULL MORNING DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION. CONTACTS AND DATES ARE NOT CONSIDERED WORKING DAYS. ALL CROSS SECTIONS WILL BE SHOWN ON THE PROJECT PLANS.

(3) RIGHT-OF-WAY ENCROACEMENTS SHALL BE REMOVED ONLY BY ORDER OF PIMA COUNTY. UNLESS OTHERWISE NOTED.


(5) THE BASIS OF ENCLOSED BOUNDARIES FOR THE NORTH LINE OF SECTION 21, TOWNSHIP 13 SOUTH, RANGE 6 EAST, BETWEEN A POINT ON HIGHWAY AT THE INTERSECTION OF HIGHWAY AND SHARED RIGHT-OF-WAY ENCROACHMENT TO BE MARKED WITH A POWERED LED CAP AT THE INTERSECTION OF HIGHWAY WITH HIMMACHA GAME. BEING SOUTH 4°4'12" OF SLOPE CONDUCTION POINT, HIGHWAY THE BEARING OF SAID LINE IS K B89.39 " 85.

(6) THE BASIS OF ENCLOSED BOUNDARIES FOR THE NORTH LINE OF SECTION 21, TOWNSHIP 13 SOUTH, RANGE 6 EAST, BETWEEN A POINT ON HIGHWAY AT THE INTERSECTION OF HIGHWAY AND SHARED RIGHT-OF-WAY ENCROACHMENT TO BE MARKED WITH A POWERED LED CAP AT THE INTERSECTION OF HIGHWAY WITH HIMMACHA GAME. BEING SOUTH 4°4'12" OF SLOPE CONDUCTION POINT, HIGHWAY THE BEARING OF SAID LINE IS K B89.39 " 85.

(7) THE BASIS OF ENCLOSED BOUNDARIES FOR THE NORTH LINE OF SECTION 21, TOWNSHIP 13 SOUTH, RANGE 6 EAST, BETWEEN A POINT ON HIGHWAY AT THE INTERSECTION OF HIGHWAY AND SHARED RIGHT-OF-WAY ENCROACHMENT TO BE MARKED WITH A POWERED LED CAP AT THE INTERSECTION OF HIGHWAY WITH HIMMACHA GAME. BEING SOUTH 4°4'12" OF SLOPE CONDUCTION POINT, HIGHWAY THE BEARING OF SAID LINE IS K B89.39 " 85.

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HARRISON ROAD TYPICAL SECTION
Sta 48+27.0 to 48+50 (Left)
New 2' Concrete
See Plans for Construction Limits

HARRISON ROAD TYPICAL SECTION
Sta 48+50 to 52+93.0
New 4' Concrete
See Plans for Construction Limits

HARRISON ROAD TYPICAL SECTION
Sta 52+93.0 to 55+16.44

NEW PIPE
16" DIA. PVC
Slopes to increase to 4:1 at the following stations:
Sta 48+27 to 48+50 (Left)

Sawcut Match & Tack
Paved Shoulder

Note: The cost of sawcutting shall be considered incidental to AC Removal, Item # 2020029

Scales: 1/8"=1'-0"
General Notes:
1. See project plan sheets for limits of pavement removal and pavement replacement.

Pavement Structural Section No. 1
- 3" AC (PAV #1)
- 6" Recomposed Base Subgrade

Total Thickness = 9"

Pavement Structural Section No. 2
- 2" AC (PAV #2)
- 6" Recomposed Base Subgrade

Total Thickness = 2"

Pavement Structural Section No. 3
- 3" AC (PAV #3)
- 6" Recomposed Base Subgrade

Total Thickness = 3"

Pavement Structural Section No. 4
- FOG COAT (EXIST. PVMT)
1. The cost of sawcutting shall be considered incidental to AC Removal, Item # 2020029.

2. Removal of existing header to be included in Removal of Structures and Obstructions, bid Item 2020001.

3. This Detail only applies to Intersecting Cross Street Pventions. Paved Drive way returns shall remove and replace the pavement as directed on the Project Demolition and Roadway Plans.

General Notes

1. See project plans for Sta/Off of new concrete header.

2. Foreslope shall be 6:1 unless otherwise directed on the project detail sheets.

3. Construction of the Rip-Rap (Handplaced) (Grouted) channel shall be paid per bid Item #9130001.

4. Concrete Header shall be paid per bid Item #9130009.

5. 12"x12" WWF shall be considered incidental to the cost of the Installation of the Rip-Rap channel.

6. A general effort shall be made to have the flat edge of the Rip-Rap stone be the exposed surface.

7. Width of grout line between rocks shall be no less than ½" and no greater than 2'.

8. Wrap entire Rip-Rap channel protection perimeter with 12" toe down. This includes the upstream and downstream edge of channel as well.

DETAIL A
TYPICAL PVMT REMOVAL AT PAVED RETURNS

Extractor Cross Street (See Note 3)

General Notes

1. See project plans for Sta/Off of new concrete header.

2. Foreslope shall be 6:1 unless otherwise directed on the project detail sheets.

3. Construction of the Rip-Rap (Handplaced) (Grouted) channel shall be paid per bid Item #9130001.

4. Concrete Header shall be paid per bid Item #9130009.

5. 12"x12" WWF shall be considered incidental to the cost of the Installation of the Rip-Rap channel.

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DETAIL A
TYPICAL PVMT REMOVAL AT PAVED RETURNS

Extractor Cross Street (See Note 3)

General Notes

1. See project plans for Sta/Off of new concrete header.

2. Foreslope shall be 6:1 unless otherwise directed on the project detail sheets.

3. Construction of the Rip-Rap (Handplaced) (Grouted) channel shall be paid per bid Item #9130001.

4. Concrete Header shall be paid per bid Item #9130009.

5. 12"x12" WWF shall be considered incidental to the cost of the Installation of the Rip-Rap channel.

6. A general effort shall be made to have the flat edge of the Rip-Rap stone be the exposed surface.

7. Width of grout line between rocks shall be no less than ½" and no greater than 2'.

8. Wrap entire Rip-Rap channel protection perimeter with 12" toe down. This includes the upstream and downstream edge of channel as well.

DETAIL B
RIP-RAP
(HANDPLACED) (GROUTED)

Concrete Header
PC/COT Std Di 2.3
See General Note 1

Rip-Rap (Handplaced) (Grouted)
4" Stone- 1/3 Exposed
2/3" Embedded
See Note 7

General Notes

1. Construction of the Rip-Rap (Grouted) Inlet and outlet protection shall be paid per bid Item #9130001.

2. No direct payment will be made for the outlet and Inlet grading. All earthwork and grading shall be considered incidental to the roadway excavation.

DETAIL C
EXISTING FORD WALL REMOVAL

General Notes

1. See project plans for Sta/Off of new concrete header.

2. Foreslope shall be 6:1 unless otherwise directed on the project detail sheets.

3. Construction of the Rip-Rap (Handplaced) (Grouted) channel shall be paid per bid Item #9130001.

4. Concrete Header shall be paid per bid Item #9130009.

5. 12"x12" WWF shall be considered incidental to the cost of the Installation of the Rip-Rap channel.

6. A general effort shall be made to have the flat edge of the Rip-Rap stone be the exposed surface.

7. Width of grout line between rocks shall be no less than ½" and no greater than 2'.

8. Wrap entire Rip-Rap channel protection perimeter with 12" toe down. This includes the upstream and downstream edge of channel as well.

DETAIL B
RIP-RAP
(HANDPLACED) (GROUTED)

Concrete Header
PC/COT Std Di 2.3
See General Note 1

Rip-Rap (Handplaced) (Grouted)
4" Stone- 1/3 Exposed
2/3" Embedded
See Note 7

General Notes

1. Construction of the Rip-Rap (Grouted) Inlet and outlet protection shall be paid per bid Item #9130001.

2. No direct payment will be made for the outlet and Inlet grading. All earthwork and grading shall be considered incidental to the roadway excavation.

DETAIL C
EXISTING FORD WALL REMOVAL

General Notes

1. See project plans for Sta/Off of new concrete header.

2. Foreslope shall be 6:1 unless otherwise directed on the project detail sheets.

3. Construction of the Rip-Rap (Handplaced) (Grouted) channel shall be paid per bid Item #9130001.

4. Concrete Header shall be paid per bid Item #9130009.

5. 12"x12" WWF shall be considered incidental to the cost of the Installation of the Rip-Rap channel.

6. A general effort shall be made to have the flat edge of the Rip-Rap stone be the exposed surface.

7. Width of grout line between rocks shall be no less than ½" and no greater than 2'.

8. Wrap entire Rip-Rap channel protection perimeter with 12" toe down. This includes the upstream and downstream edge of channel as well.
<table>
<thead>
<tr>
<th>Port</th>
<th>Station/Offset</th>
<th>Top of Header</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Sta 64+00.00</td>
<td>17.00'</td>
</tr>
<tr>
<td>B</td>
<td>Sta 64+00.00</td>
<td>17.00'</td>
</tr>
<tr>
<td>C</td>
<td>Sta 64+00.00</td>
<td>17.00'</td>
</tr>
<tr>
<td>D</td>
<td>Sta 64+00.00</td>
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<tr>
<td>F</td>
<td>Sta 64+00.00</td>
<td>17.00'</td>
</tr>
<tr>
<td>G</td>
<td>Sta 64+00.00</td>
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<tr>
<td>H</td>
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</tr>
<tr>
<td>I</td>
<td>Sta 64+00.00</td>
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</tr>
<tr>
<td>J</td>
<td>Sta 64+00.00</td>
<td>17.00'</td>
</tr>
</tbody>
</table>

**RIP-RAP V-DITCH ROADSIDE IMPROVEMENTS (2 of 2)**
CAUTION:

1. Remove top of structure. See Note 8.2 "A"

General Notes:

2. Rip-Rap (Handplaced) (Grouted) shall be constructed in accordance to Detail 8 unless otherwise directed.

3. Rip-Rap (Handplaced) (Grouted) Channel shall receive payment per bid Item #9130008.

4. Rip-Rap (Handplaced) (Grouted) slope protection shall receive payment per bid Item #9080402.

5. Concrete Header shall receive payment per bid Item #9080504.

6. Construction of the Rip-Rap (Handplaced) (Grouted) channel shall receive payment per bid Item #9130009.

7. 4" Concrete Ford Wall shall receive payment per bid Item #9080234.

8. SW Gas requires a minimum of 1' separation between SW Gas facilities and new structures. The beginning of the ford wall may be adjusted as required to maintain this separation.

SECTION B-B

WOODLAND WASH ROADSIDE IMPROVEMENTS (LT.)

SECTION A-A

DETAIIL H

DRWY 29+50 RT.
RIVER ROCK SLOPE PROTECTION

DETAIIIL G

WOODLAND WASH ROADSIDE IMPROVEMENTS (LT.)
**GENERAL NOTES:**

- AC Cut or Rout, Clean Loosened Particles and Fill with All Segments.
- Loose Particles Cleaned and Fill with ARCSealant.
- AC/PCCP EDGE SEAL JOINT
- Joint (where specified on plans).

**DETAIL I**

**AC/PCCP EDGE SEAL JOINT**

**CONCRETE VALLEY GUTTER (MOD. 6' WIDE) SECTION**

- Trowel Finish
- Max. Edge = 8" Concrete Shall be Class "B" F'c = 2,500 PSI

**NOTES:**

1. Construction of the Concrete Valley Gutter (Mod. 6' Wide) shall be paid per bid item No. 908031.
2. 3" - 6" Rock Mulch Color = Santa Fe Gold or Approved Equal
3. Rock mulch special

**SECTION A-A'**

- 50% of ground surface to be covered with 1-3" Rock Mulch in a random pattern. Intent is to imitate Natural Desert Ground Surface.
- 50% of ground surface to be left bare.

**Notes:**

1. No pre-emergent herbicides to be used in seeded areas.
2. Ground surface to be prepared for Class II Seeding see Special Provision Section 805.
3. Seeding to be applied after application of Rock Mulch

### 1-3" Rock Mulch

<table>
<thead>
<tr>
<th>Sieve Size</th>
<th>Percent Passing</th>
</tr>
</thead>
<tbody>
<tr>
<td>3&quot;</td>
<td>100%</td>
</tr>
<tr>
<td>1&quot;</td>
<td>10-20%</td>
</tr>
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</table>
The project is located in the central part of the county, north of the shared driveway to Road R., and south of the shared driveway to Road S., approximately 0.5 miles west of the intersection of Snyder Road with Harrison Road. The project involves the construction of a new road, with a vertical curve at the intersection of Snyder Road and Harrison Road, and a horizontal curve at the intersection of Snyder Road and Harrison Road.

The project includes the following works:

- Creation of a new road alignment
- Installation of a new road surface
- Construction of new road shoulders
- Installation of road markings and signage

The project is expected to be completed within 90 days, starting from the date of issuance of the construction permit. The project will be supervised by a qualified contractor who will be responsible for the implementation of the project within the specified time frame.

The project will be monitored by the county planning department, and the contractor will be required to submit monthly progress reports to the planning department. The project will be inspected by the county planning department at regular intervals, and any issues or deviations from the approved plans will be reported to the county planning department.

The project is expected to have a positive impact on the local economy, by providing better access to the surrounding areas and improving the transportation infrastructure in the region. The project is in line with the county's long-term development plan, and is expected to contribute to the overall growth and development of the county.
DEMOLITION NOTES

1. Existing Vegetation with overhanging branches that may conflict with construction. Prune by certified arborist prior to construction.

2. Existing Tree on adjacent property with overhanging branches that may conflict with construction and require pruning. See Special Protections 201-3.05. No pruning shall be performed without notification of Pima County DOT Community Relations. Item 800700

3. Removal of Asphaltic Concrete
   Item 2020029
   465 SY

4. Preservation Fencing
   Item 2010000
   349 LF

5. Adjust Existing Valve Box and Cover
   Tucson Water SD 305
   Item 5003001
   1 EA

For Demolition General Notes, See Sheet R2

LEGEND

- Preservation Fencing
- Removal of Asphaltic Concrete
- Cut Limits
- FH Limits
DEMOLITION NOTES

1. Existing Vegetation with overhanging branches that may conflict with construction. Prune by certified arborist prior to construction. Bid Item 8061700

2. Existing Tree on adjacent property with overhanging branches that may conflict with construction and require pruning. See Special Provisions 201-3.05. No pruning shall be performed without notification of Pima County DOT Community Relations. Bid Item 8061700

3. Remove fountain grass prior to Clearing and Grubbing

4. Removal of Asphaltic Concrete
   Bid Item 2020029
   725 SF

5. Preservation Fencing
   Bid Item 2030004
   537 LF

6. Removal of Structures and Obstructions
   Bid Item 2020001
   1 LS

7. Adjust Existing Valve Box and Cover
   Tucson Water 503
   Bid Item 5103101
   3 EA

For Demolition General Notes, See Sheet R2

LEGEND

- - - - - Preservation Fencing
/ / / / / Removal of Asphaltic Concrete
---------- Removal of Structures and Obstructions
| | | | | Cut Limits
| | | | | Fill Limits

LEGEND

X X X Preservation Fencing
--- Removal of Asphaltic Concrete
--- Removal of Structures and Obstructions
| | | Cut Limits
| | | Fill Limits

For Demolition General Notes, See Sheet R2
DEMOLITION NOTES

1. Existing Vegetation with overhanging branches that may conflict with construction. Prune by certified arborist prior to construction. Bid Item 806700

2. Existing Trees on adjacent property with overhanging branches that may conflict with construction and require pruning. See Special Provisions 201-3.05. No pruning shall be performed without notification of Pima County DOT Community Relations. Bid Item 806700

3. Remove fountain grass prior to Clearing and Grubbing

4. Removal of Asphaltic Concrete
Bid Item 2020129
150 SY

5. Preservation Fencing
Bid Item 2010014
1,224 LF

6. Removal of Structures and Obstructions
Bid Item 2020001
1 LS

For Demolition General Notes, See Sheet R2

LEGEND

\begin{itemize}
\item \textbf{Preservation Fencing}
\item \textbf{Removal of Asphaltic Concrete}
\item \textbf{Removal of Structures and Obstructions}
\item \textbf{Cut Limits}
\item \textbf{Fill Limits}
\end{itemize}
Demolition Notes:

1. Existing vegetation with overhanging branches that may conflict with construction. Prune by certified arborist prior to construction. Bid Item 8061700.

2. Existing Tree on adjacent property with overhanging branches that may conflict with construction and require pruning. See Special Provisions 201-3.05. No pruning shall be performed without notification of Pima County DOT Community Relations. Bid Item 8061700.


For Demolition General Notes, See Sheet R2.
DEMOlITION NOTES

1. Existing Vegetation with overhanging branches that may conflict with construction. Prune by certified arborist prior to construction. Bid Item 8061700

2. Existing Tree on adjacent property with overhanging branches that may conflict with construction and require pruning. See Special Provisions 201 - 3.05. No pruning shall be performed without notification of Pima County DOT Community Relations. Bid Item 8061700

3. Removal of Asphalitic Concrete
   Bid Item 2020029
   393 SY

4. Preservation Fencing
   Bid Item 2010004
   279 LF

5. Removal of Structures and Obstructions
   Bid Item 2080001
   1 LS

Demo Notes:

Pavement Marking Obliteration shall be incidental to Traffic Control, Bid Item 7010005.

Existing yellow pavement markings are lead based. See Section 701LEAD_PAINT, 10/28/10 of the project Special Provisions.

For Demolition General Notes, See Sheet R2
1. Existing Vegetation with overhanging branches that may conflict with construction. Prune by certified arborist prior to construction. Bid Item 8061700

2. Removal of Asphaltic Concrete Bid Item B4 Item 020029 (25 ST

DEMOLITION NOTES

Pavement Marking Obliteration shall be incidental to Traffic Control, Bid Item 7010005.

Existing yellow pavement markings are lead based. See Section 701LEADYAINT, 10128/10 of the project Special Provisions.

For Demolition General Notes, See Sheet R2

LEGEND

- Preservation Fencing
- Removal of Asphaltic Concrete
- Limits of Pavement Marking Obliteration
- Cut Limits
- Fill Limits
PAVEMENT MARKING GENERAL NOTES

1. All equipment, materials and construction shall meet or exceed the requirements contained in the Pima County City of Tucson/PCOT/PC/COT Standard Specifications, and the Standard Details for Public Improvements, the Special Provisions and the Approved Plans. All pavement markings shall be installed in accordance with the PCOT Pavement Marking Design Manual.

2. The stripping contractor shall contact the Pima County Pavement Marking Supervisor (520-740-2024) at least three working days in advance of any pavement marking layout being installed to assure proper inspection and approval of pavement marking.

3. Upon approval of the pavement markings layout, the Pima County Pavement Marking Supervisor will issue written authorization to contractor to proceed with installing all pavement markings and associated reflective raised pavement markings.

4. The permanent pavement markings may be modified as directed and approved by the traffic engineer or his designee.

5. The posted speed limit is 45 mph.

6. All lane dimensions are measured from the center of lane line, center of double lane, or edge of pavement unless otherwise noted.

7. The pavement marking drawings are schematic only, the contractor shall follow all dimensioning, paving, striping details, and specified Pima County standards when installing pavement striping, symbols, legends, and markers.

8. Painted layout striping shall be 15 mils (0.015") thick, water based paint placed on the final pavement surface. Painted layout striping shall be installed within five working days of the final pavement surface being completed.

9. Painted symbols and legends shall be applied at the same time as the painted striping, with the exception of bike lane symbols and words (such as Stop, Ahead, Only).

10. The final longitudinal striping shall be 80 mil (0.008") thick hot sprayed thermoplastic hot-fused striping placed over the painted layout striping within 21 to 30 calendar days of the final pavement surface being completed. All previously exempted lane markings shall be applied during the final longitudinal striping.

11. All final transverse striping shall be hot-sprayed thermoplastic 90 mil (0.009") including symbols and legends with the exception of bike lane symbols which may be extruded thermoplastic or cold preformed thermoplastic.

12. The contractor shall be responsible for the layout and installation of pavement markings on the final surface course following one control line for direction of travel consisting of control points that have been set to no more than 50 feet apart on curve sections and 100 feet in tangent sections in accordance with the Pima County Pavement Marking Design Manual.

13. It is the contractor’s responsibility to ensure that the final surface course is placed so that the construction joint is no more than one foot offset from the final striping.

14. All raised pavement markers (RPM) shall be installed so that the reflective face of each marker is facing the direction of traffic and is perpendicular to the direction of traffic flow.

15. All raised pavement markers (RPM) shall be installed per the current edition of the PCOT Pavement Marking Manual.

16. All removal of existing pavement markings shall be accomplished in accordance with Section 70 of the PCOT Standard Specifications, painting over existing striping does not constitute compliance with this section.

17. Unless otherwise noted, all pavement markings shall be installed by the contractor.

18. Upon final inspection a written acceptance or itemized punch list of missing or unacceptable pavement markings shall be submitted to the contractor and Pima County by the traffic engineer or designated representative.

19. The contractor shall be responsible for maintaining all striping until project is approved for “Construction Complete” by Pima County or open to traffic. All punch list items are completed, and one year warranties begin.


SIGNING GENERAL NOTES

1. All equipment, materials and construction shall meet or exceed the requirements contained in the Pima County City of Tucson/PCOT/PC/COT Standard Specifications, and the Standard Details for Public Improvements, and the Special provisions and the Approved Plans.

2. All signs shall be in compliance with the latest edition of the manual on uniform traffic control devices, the latest edition of the Pima County City of Tucson traffic design manual, these plans, and the special provisions.

3. Signs may be modified and locations adjusted to fit conditions at the discretion of the traffic engineer.

4. Sign placement shall be based on the posted speed limit.

5. Post lengths indicated on sign summary sheets are approximate. The contractor shall verify actual post lengths.

6. All perforated posts shall be installed in a concrete foundation, unless otherwise directed by the traffic engineer.

7. All sign station locations are approximate. The contractor shall verify actual sign locations with the traffic engineer prior to the installation of all signs.

8. The contractor shall be responsible for coordinating all work with blue stake, for installing all traffic signs in the field and for maintaining all sign until project is accepted for “Construction Acceptance” by Pima County or fully open to traffic, all punch list items are completed, and one year warranties begin.

9. All new signs shall have 0.080 gauge, radius corner, aluminum backing unless otherwise noted.

10. Prior to disturbing any traffic signs, a sign condition inventory of all existing signing shall be conducted by the contractor and provided to the sign supervisor. The inventory shall indicate current sign location and condition, including any existing damage or deficiencies.

11. Any signs and posts being re-used on this project shall be stockpiled in a manner to avoid damage and maintain the integrity of the signs. Safe storage of stockpile and payment for damage to stockpile shall be the responsibility of the contractor.

12. All signs and posts not being re-used on the project shall be dismantled, stacked and delivered to the owner of the sign by the contractor. The contractor is responsible for the safe storage at the construction site until delivery, and the safe unloading of the salvaged material. Notification of delivery shall be made at least two working days prior to delivery. Pima County sign shop 153 S. Mission Road (520-740-8361), no Friday deliveries.

13. All existing stop signs located at intersecting side streets will remain in their current location unless otherwise directed.
Notes: For additional striping geometric layout information from Sta 90+00 to Sta 101+00 see Sheet PM9.
For additional striping geometric layout information from Sheet PM9, see Sheet PM9.
Ground Mounted Panel

<table>
<thead>
<tr>
<th>Work</th>
<th>Panel Types</th>
<th>LEGEND</th>
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<tbody>
<tr>
<td>Code</td>
<td>Description</td>
<td>Location</td>
<td>Remarks</td>
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<tr>
<td>1</td>
<td>BIKE ROUTE</td>
<td>8.0 1.5 3.0</td>
<td>RWM 4 6080016</td>
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<tr>
<td>2</td>
<td>BIKE ROUTE</td>
<td>8.0 1.5 3.0</td>
<td>RWM 4 6080016</td>
</tr>
<tr>
<td>3</td>
<td>NO ENTRY WHEN FOODED</td>
<td>4.0 2.0 8.0</td>
<td>RWM 4 6080016</td>
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<tr>
<td>4</td>
<td>PRECAUTION</td>
<td>2.5 2.5 6.2</td>
<td>RWM 4 6080016</td>
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<td>5</td>
<td>BIKE ROUTE</td>
<td>2.0 1.5 3.0</td>
<td>RWM 4 6080016</td>
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<tr>
<td>6</td>
<td>STOP</td>
<td>2.5 2.5 6.2</td>
<td>RWM 4 6080016</td>
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<td>7</td>
<td>BEGIN RIGHT TURN LANE</td>
<td>2.5 3.0 7.5</td>
<td>RWM 4 6080016</td>
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</tbody>
</table>

| Notes: |
| All PI posts shall be single square tube post, 2 inch or V-channel post. |

<table>
<thead>
<tr>
<th>Sign Type</th>
<th>Number</th>
<th>Description</th>
<th>Location</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>RWM</td>
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<td>Regulatory, Warning, or Marker</td>
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<td>F-DA</td>
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<td>Flat-sheet aluminum with direct applied or silk-screened characters</td>
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<tr>
<td>F-Dem</td>
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<td>Flat-sheet aluminum with demountable characters</td>
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<tr>
<td>Ext</td>
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<td>Aluminum extrusions</td>
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<td>Incr</td>
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<td>Aluminum sheet incremental</td>
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<tr>
<td>Over</td>
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<td>Overhead (New overlaid extrusions)</td>
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<tr>
<td>P</td>
<td></td>
<td>Square tube post</td>
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<td></td>
</tr>
<tr>
<td>T</td>
<td></td>
<td>T-section (W/T 36&quot;)</td>
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</tbody>
</table>

**Sign Panel Types**

**D-3 STREET NAME SIGN**

SNYDER RD. AND BOWES RD.
Notes:

From Sta 88+50 to Sta 96+50 no structural modifications to the existing pavement will be completed as part of this project. The cross sections spanning this distance will not be included in this plan set.