



A G E N D A

Farmington Metropolitan Planning Organization Technical Committee Meeting

Executive Conference Room
Farmington City Hall
800 Municipal Dr.
Farmington, NM

April 24, 2008
10:00 a.m.

AGENDA
FARMINGTON METROPOLITAN PLANNING ORGANIZATION
TECHNICAL COMMITTEE MEETING
April 24, 2008 10:00 AM

This meeting will be held in the Executive Conference Room, Farmington City Hall, 800 Municipal Dr., Farmington, New Mexico.

ITEM	PAGE
1. Call meeting to order.	
2. Approve the minutes from the March 27, 2008 Technical Committee meeting.	1
3. Bicycle/Pedestrian Plan. a. Review the accepted list and map of draft regional and local routes that are part of the proposed walk/bike network. b. Review walking and biking standards. c. Review remaining elements of the plan. d. Discuss final steps in plan development.	
4. Access Management Plan. a. Review and revise road sections. b. Receive information on spacing standards from other MPOs and DOTs.	
5. Receive a status report on the update to the regional travel model.	
6. Receive a report on Red Apple Transit.	
7. Receive a report from NMDOT. a. District 5 (<i>David Martinez</i>) b. Planning Division (<i>Bob Widoe</i>)	
8. Information Items: a. MPO Associate Planner. b. NW RPO Meeting - April 9 in Gallup. c. NMDOT Bicycle/Pedestrian/Equestrian Meeting - May 14-15 in Aztec. d. Other	
9. Business from: a. Chairman b. Members c. Staff	
10. Business from the Floor	
11. Adjournment	

ATTENTION PERSONS WITH DISABILITIES: If you are an individual with a disability who is in need of a reader, amplifier, qualified sign language interpreter, or any other form of auxiliary aid or service to attend or participate in the hearing or meeting, please contact the MPO Officer at the Farmington Community Development Office, 805 Municipal, Farmington, New Mexico, at least one week prior to the meeting or as soon as possible. Public documents, including the agenda and minutes, can be provided in various accessible formats. Please contact the MPO Officer at the Farmington

Community Development office if a summary or other type of accessible format is needed.

MINUTES
FARMINGTON METROPOLITAN PLANNING ORGANIZATION
TECHNICAL COMMITTEE MEETING
March 27, 2008 10:00 A.M.

Members Present: Steve Christensen, City of Aztec
Dave Keck, San Juan County
Julie Baird, City of Bloomfield
Martin Lucero, City of Farmington

Members Absent: Nica J. Westerling, City of Farmington

Staff present: Joe Delmagori, MPO
Planner
Robert Messenger, MPO Associate Planner
Virginia Turney, Secretary

Staff Absent: Mike Sullivan, City of Farmington

Also present: Dr. Bob Wideo,
NMDOT
Lee Cabeza De Vaca, NMDOT
Phil Gallegos, NMDOT
Sherri Grona, NWNMRPO

1. CALL TO ORDER

Mr. Keck called the meeting to order at 10:08 a.m.

2. APPROVAL OF THE MINUTES FROM THE FEBRUARY 28, 2008, TECHNICAL COMMITTEE REGULAR MEETING

Mr. Lucero made a motion, seconded by Mr. Christensen, to approve the minutes from the February 28, 2008, Technical Committee Regular Meeting. Motion passed unanimously.

3. FY2009-2014 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)
FARMINGTON METROPOLITAN PLANNING ORGANIZATION
Agenda Item

Subject:	FY2009-2014 Transportation Improvement Program (TIP)
Prepared by:	Joe Delmagori, MPO Planner
Date:	March 18, 2008

BACKGROUND

- The MPO updates the TIP on an annual basis.
- Staff has met with the entities to revise project information.
- The TIP Introduction, priority lists, and financial plan have been developed.
- The draft FY2009-2014 TIP has been issued for public comment.

CURRENT WORK

- Final revisions have been added to the TIP, including Federal earmarks and capital outlay funding.
- A 30-day public comment period closes on April 4.
- A public hearing on the TIP will be held during the Technical Committee meeting on March 27.

ANTICIPATED WORK

- Any potential public comments will be incorporated into the final TIP document.
- The Policy Committee is expected to adopt the FY2009-2014 TIP through resolution at their April 10 meeting.
- The STIP will be revised based on the MPO TIP.

ATTACHMENTS

- FY2009-2014 TIP Introduction, Regionally-Significant, Non-Regionally Significant, and Unfunded project lists (provided under separate cover to committee members and entity staff; document also available on MPO website).

RECOMMENDATION

- It is recommended that the Technical Committee:
 - a. Hold a public hearing on the FY2009-2014 TIP.
 - b. Recommend adoption of the FY2009-2014 TIP.

Discussion: Mr. Delmagori presented the staff report. Mr. Delmagori said the MPO has met with the entities to review and update the project list. Mr. Gallegos asked if the earmark projects were on the TIP. Mr. Delmagori said they were listed.

Mr. Keck opened the public meeting. No members of the public were in attendance. Mr. Christensen asked if the earmark definitions in the TIP need to match the Federal definitions. Dr. Wideo said according to Bruce Bender the definitions need to match the Federal ones and the project needs to be listed as a whole project, but can be done in phases if necessary. Mr. Gallegos said if the entities had any questions about earmark funds to call. Mr. Keck said to follow the required steps of the Plans, Specifications, and Engineering (PS&E) process and not to spend the money before actually getting it because the funds will not be reimbursed. Mr. Gallegos said to go by the book with Federal Earmarks or the funding will be lost. Mr. Keck closed the public meeting.

Action: Mr. Lucero motioned and Ms. Baird seconded the motion to recommend adoption of the FY2009-2014 TIP to the Policy Committee. The motion passed unanimously 4-0.

**4. FY2009 UPWP
FARMINGTON METROPOLITAN PLANNING ORGANIZATION
Agenda Item**

Subject: FY2009 UPWP
Prepared by: Robert Messenger, MPO Associate Planner
Date: March 19, 2008

BACKGROUND
<ul style="list-style-type: none"> ▪ The Unified Planning Work Program (UPWP) is the fiscal year work plan for the MPO. ▪ The FY2009 UPWP is anticipated to be adopted in April. ▪ Entities were asked to submit new projects and other planning tasks to be accomplished by the MPO by March 7. ▪ The most important project in FY2009 will be starting the update to the Metropolitan Transportation Plan.

CURRENT WORK
<ul style="list-style-type: none"> ▪ Staff has developed a list of activities that are expected to be included in the FY2009 UPWP. ▪ Staff reviewed the UPWP with the Technical Committee on February 28 and with the Policy Committee on March 13. ▪ The budget is based on funding estimates received so far from NMDOT. ▪ The final draft is provided for final review and action.

ATTACHMENTS
<ul style="list-style-type: none"> ▪ Final Draft of the FY2009 UPWP (provided under separate cover to the committee members and entity staff; also available on the MPO website).

UPWP SCHEDULE	
MONTH	ACTION
January-February 2008	Issue the Call for Projects
February - March 2008	Develop UPWP program areas
March 27, 2008	Technical Committee recommends approval of UPWP
April 10, 2008	Policy Committee approves the FY2009 UPWP

RECOMMENDATION

- It is recommended that the Technical Committee recommend Policy Committee approval of the FY2009 UPWP.

Discussion: Mr. Messenger said the UPWP is the work plan for the MPO. The MTP update will be divided into two work years. Mr. Messenger presented the UPWP project areas.

Dr. Wideo asked who is doing the traffic model update. Mr. Delmagori said the MPO has contracted PTV America to do the traffic model.

Dr. Wideo suggested the MPO keep track of the actual time spent on each project which would be used to justify the budget for the projects in future years, including the MTP.

Mr. Christensen said the Technical Committee needs to get the Policy Committee to work with them and to understand the MPO's significance and not to be just a rubber stamp for the Technical Committee. He suggested there may need to be policies approved that change the philosophy of the MPO. Mr. Christensen said the Policy Committee needs to understand the need for multi-modal forms of transportation and why the MPO is spending money on developing those forms of transportation.

Mr. Christensen said the committees should hold a joint meeting to discuss the UPWP and the MTP. Mr. Delmagori said that would be a good idea and the bicycle/pedestrian plan as well as the access management plan could be discussed. Dr. Wideo suggested the MPO use the model Sandra Maez uses for the Northern Pueblos RPO joint committee trainings and discussions. Dr. Wideo said that LTAP could provide some training as well. Mr. Gallegos said there could be workshops for both the Technical Committee and Policy Committee. Mr. Keck expressed caution, stating that changes will require new personnel and additional funding for support. Mr. Delmagori said the MPO would work on setting up a joint workshop training meeting with both committees.

Mr. Delmagori said the UPWP can be amended at any time. Dr. Wideo said the MPO has always done more work than what is in the UPWP.

Ms. Baird asked if the Policy Committee would need to approve amendments to the UPWP. Mr. Delmagori said they would need to approve changes.

Action: Mr. Christensen motioned and Mr. Lucero seconded the motion to recommend approval of the UPWP to the Policy Committee. The motion passed unanimously 4-0.

**5. BICYCLE/PEDESTRIAN PLAN
FARMINGTON METROPOLITAN PLANNING ORGANIZATION
Agenda Item**

Subject:	Bicycle/Pedestrian Plan
Prepared by:	Robert Messenger, MPO Associate Planner

Date: March 19, 2008

BACKGROUND or PREVIOUS WORK

- The Technical and Policy Committees have reviewed the list of proposed walking and biking projects, evaluation criteria and policies.
- The Policy Committee approved the walking and biking policies and evaluation criteria for prioritizing projects at the March 13 meeting.
- The Bicycle/Pedestrian Advisory Group (BPAG) has voted for their top projects from the walking and biking improvement list.

CURRENT WORK

- Develop draft lists and maps of walking and biking projects for the MPO region and for local projects in Aztec, Bloomfield, and Farmington.
- Develop draft of bicycle/pedestrian standards for all road classifications as well as for new commercial and residential developments.
- Develop draft of funding sources with summary information on who provides funding, what will/ will not be funded, and how to apply.

ANTICIPATED WORK

- Review and refine draft of bicycle/pedestrian standards.
- Review and refine cost estimates for proposed projects.
- Work with entity staff to evaluate and prioritize projects:
 1. Into MPO region and entity-specific lists; and,
 2. Into short, medium, and long range lists

BACKUP MATERIAL

- BPAG list of walking and biking improvements with voting results.
- Draft of MPO regional list of walking and biking projects.
- Draft walking and biking standards.
- Large maps will be available at the meeting for review.

RECOMMENDATION

- It is recommended that the Technical Committee review the draft list and maps of MPO regional walking and biking improvements and suggest revisions/deletions/additions to the list.

Discussion: Mr. Messenger presented the staff report. On page 22 of the agenda are the projects the MPO is considering regionally significant. The BPAG said that off-road facilities are something they want, however, there may be many right-of-way issues for those projects. Mr. Messenger said most of the results show many projects in the northeast area of Farmington.

Ms. Baird said there was a bar missing on the bike graph in the biking survey results. Mr. Messenger said he would fix the graph.

Mr. Messenger said the surveys received show that most bicyclists and pedestrians want a safe route. There are also many people using the same streets that have been recommended for bike and pedestrian improvements. He suggested these roads could be candidates for 'complete streets'. Mr. Messenger said the survey results might be skewed because most are from Andrea-Kristina's. Mr. Messenger said it might be a good idea to put the survey in a local place in Aztec and Bloomfield. Mr. Lucero said the results would be different in different areas. Ms. Grona added that in Bloomfield the results would be mostly from oil and gas employees. Ms. Baird said the surveys would need to be placed in areas that non-oil field employees frequent as oil-field workers drive to the field. Mr. Lucero said the surveys need to be placed in many areas to get a good feedback. Mr. Delmagori said the surveys will give the MPO a picture of what people may want.

Mr. Messenger said the MPO is reviewing the county road standards and it has been suggested that wider shoulders be required on roads to provide paved bike path. Mr. Keck said the plan was good, but he did not think the county would be able to ask for that much right of way.

Mr. Keck said the other issues are some of the county roads have different speed limits and it is almost impossible to change those speed limits, which would make biking on some roads really dangerous.

Mr. Lucero said he wants the Policy Committee members input before doing much more on this plan. He added the entities have a very tight budget and there is no way a good deal of the plan could be implemented due to the lack of funding. Mr. Lucero said the Policy Committee needs some guidance on this plan. Dr. Widoe said there is no mandate on any of this plan, but it would help in planning for the future. Mr. Lucero said he understood that it was not a mandate but the Policy Committee will have a hard time justifying and understanding the overall effect of the plan.

Ms. Baird suggested the Policy Committee and Technical Committee meet for a joint workshop to discuss the bicycle/pedestrian plan as well as the access management plan. Mr. Lucero agreed because both the plans will have a huge impact on the future development of the area. Mr. Christensen said one of the real issues will be the lack of funding and most will not want to commit to projects that will not have funding.

Mr. Cabeza de Vaca mentioned LTAP is in the early stages of organizing a training on pedestrian and bicycle trail planning. It might occur in either May or June, and he will keep the MPO informed.

Mr. Delmagori said the plan is in stages now and not ready to be adopted so it can be changed. Mr. Delmagori also agreed that there needs to be a joint work session and the MPO would coordinate that meeting. Mr. Christensen suggested that it be scheduled to be a longer meeting so the bicycle pedestrian plan, the access management plan and other issues be discussed.

Action: Mr. Lucero motioned and Mr. Christensen seconded the motion to have the MPO continue working on both plans. The motion passed unanimously 4-0.

6. ACCESS MANAGEMENT PLAN

FARMINGTON METROPOLITAN PLANNING ORGANIZATION
Agenda Item

Subject:	Access Management
Prepared by:	Joe Delmagori, MPO Planner
Date:	March 18, 2008

BACKGROUND or PREVIOUS WORK

- Access Management policies have been finalized with the Technical Committee.
- Definitions and functions for eight road classifications have been identified.
- Typical road sections have been developed.
- Standards and objectives to support the policies have been identified.

CURRENT WORK

- Staff will hold a discussion with the Technical Committee on previous and upcoming work related to access management.

ANTICIPATED WORK

- Finalize typical road sections.
- Develop standard intersection and driveway spacing and corner clearance.
- Access management standards for medians.

BACKUP MATERIAL

- Policies and supporting standards.

RECOMMENDATION

- It is recommended that the Technical Committee receive a status report on the Access Management Plan.

Discussion: Mr. Delmagori said the road sections and definitions need to be discussed. The Access Management Plan (AMP) will need to reflect multi-modal aspects. Due to some concerns by the Technical Committee, the MPO will take additional time developing typical road sections and access standards. Mr. Delmagori presented the policies and said the adoption of the AMP does not need to be done quickly.

Mr. Gallegos said the NMDOT needs the entities, contractors and engineers to follow the NMDOT access permit policy and he has been told the state will file injunction orders on all non-permitted access to state roads. Ms. Baird asked who needs to send in the permits for review. Mr. Gallegos said anyone who is planning to have new access to state highways and roads. Mr. Gallegos said there is a checklist that must have all the requirements done before access will be granted. Mr. Christensen asked

if a large subdivision was constructed but did not directly access a state road or highway would there need to be an access permit from the NMDOT. Mr. Gallegos said the NMDOT would like the application to come in just so it can be reviewed and available to the state for planning purposes. Mr. Keck said the county sends all applications to the state for review. Mr. Christensen said he would have the City of Aztec start doing this too.

Mr. Gallegos gave the example of a large subdivision in Edgewood that did not directly access a state highway but fed much of its traffic onto the state highway. Mr. Keck said those roads and subdivisions can also cause serious drainage issues. Mr. Gallegos agreed and said that subdivision run off can also hurt state highways and roads. Mr. Christensen said all the local utilities should be informed of driveway cuts and subdivision access. Mr. Gallegos said the state and local entities do need to stop development access that does not meet standards. Mr. Gallegos said that many of the highways in New Mexico do have driveway and access problems because the standards are not enforced. He also mentioned that NMDOT will be reissuing the letter about access permits to the local entities.

Mr. Keck said this is why the MPO must keep working on the AMP and the Technical Committee and Policy Committee should hold a joint meeting to discuss AMP and the Bicycle/Pedestrian Plan. Ms. Baird said it would be a good idea to get the reaction of the Policy Committee and to be able to explain why the AMP is important to the entire area. Mr. Gallegos said the AMP would cover liability issues as well.

Action: Report was received.

7. SOCIOECONOMIC DATA
FARMINGTON METROPOLITAN PLANNING ORGANIZATION
Agenda Item

Subject:	Socioeconomic Data
Prepared by:	Joe Delmagori, MPO Planner
Date:	March 18, 2008

BACKGROUND or PREVIOUS WORK

- Staff completed the process of collecting and assigning socioeconomic data to update the base (from 2003 to 2005) and forecast (2030) years in the Regional Travel Model.
- Staff assigned data on new residential and commercial permits for 2004 and 2005 from San Juan County (includes Aztec and Bloomfield) and Farmington to their TAZ.
- School enrollment and employment numbers have been assigned to TAZ.
- Collection, analysis, and assignment of employment data from the oil and gas industry to TAZ.
- Collection, analysis, and assignment of major employer data to TAZ.
- PTV was contracted to update and expand the travel model for the MPO.

CURRENT WORK
<ul style="list-style-type: none"> ▪ In communication and participating in tutorials with PTV America. ▪ Providing the consultant with traffic count data and the updated land use data for 2005 and 2030.
ANTICIPATED WORK
<ul style="list-style-type: none"> ▪ PTV will begin to calibrate/validate and expand the model to have AM Peak Hour and Daily capabilities (3 month process). ▪ Work with entities to develop a mid-forecast year (~2012) based on updated base year data.
BACKUP MATERIAL
A summary table of tasks and timeframes associated with this activity.
RECOMMENDATION
<ul style="list-style-type: none"> ▪ It is recommended that the Technical Committee receive a report on the update to the socioeconomic data.

Discussion: Mr. Delmagori presented the staff report and said the MPO is working with PTV America on the land use model.

Action: Report was received.

8. NMDOT REPORT

Discussion: Mr. Gallegos said the entities need to have the earmark projects listed in the STIP and TIP to follow the Federal standards and definitions or the funding could be lost. Mr. Gallegos said the entities need to watch not getting on the Federal trigger list because the funding could be pulled because FHWA is looking for any reason to take funding back. Ms. Baird said that she has been sending monthly updates for this reason. Mr. Gallegos said the updates need to be in on the 20th of each month. Mr. Keck said he will start submitting the reports earlier and making sure he checks the list of requirements. Mr. Gallegos said he can provide the check list. Dr. Wideo said that if the entities follow procedure the earmark funding would be good forever. Ms. Baird asked if the CDBG earmark funding would fall under the same requirements. Mr. Gallegos said he did not know but could find out and let Ms. Baird know.

Dr. Wideo said there will be a 30 million dollar rescission and this is the first time the Feds have specifically said what funds will be rescinded. Dr. Wideo said the rescission will not affect current projects but the potential of future projects being funded is questionable.

Dr. Wideo said the final GRIP2 bonds for this year will be sold soon and the total will be around \$14 million. However, there are \$69 million worth of projects competing for this money. Dr. Wideo said the legislature is going to give the funding to the projects that are most ready.

Action: Report was received.

9. **INFORMATION ITEMS**
FARMINGTON METROPOLITAN PLANNING ORGANIZATION
Agenda Item

Subject:	Information Items
Prepared by:	Joe Delmagori, MPO Planner
Date:	March 19, 2008

INFORMATION ITEMS

- a. **New Ozone Standards.** EPA has issued the final rule on the new ozone standards. The primary 8-hour standard went from 0.08 parts per million units of air (ppm) to 0.075. Stations in San Juan County show this area is at 0.070 ppb. More information is attached.
- b. **Safe Routes to School Webseminar.** On March 18, staff attended a webseminar that described how to start a SRTS program with zero funding. Steps included assembling partners, gathering volunteers, and working with the media to promote the event. It described some strategies for implementing and sustaining the program.
- c. **Other**

Discussion: Mr. Delmagori reported the EPA had issued the final rule on the new ozone standards and even with the change, the MPO area is still in attainment, which means there is nothing to be done presently. However, if the MPO does reach non-attainment status the UPWP will need to include Air-Quality projects and programs. Mr. Christensen asked what would happen if the MPO area reached non-attainment. Mr. Gallegos said that emission testing would be done. Dr. Widoe added that Particulate Matter (PM 10 &12) would also need mitigation.

Mr. Delmagori said there was a webseminar for Safe Routes to School on March 18. He suggested this program could be a way to reduce vehicle emissions and improve air quality. Dr. Widoe said there are funds available for the entities in the state for this program.

Action: Report was received.

10. **BUSINESS FROM:**

- A. **Chairman:** None
- B. **Business from Members:** None
- C. **Business from Staff:** None

11. **BUSINESS FROM FLOOR:** None

12. ADJOURNMENT:

Mr. Christensen motioned and Ms. Baird seconded the motion to adjourn the meeting. Mr. Keck adjourned the meeting at 12:02 p.m.

Secretary, Virginia Turney

Vice chair, Dave Keck

**FARMINGTON METROPOLITAN PLANNING ORGANIZATION
Agenda Item**

Subject:	Bicycle/Pedestrian Plan
Prepared by:	Joe Delmagori, MPO Planner
Date:	April 16, 2008

BACKGROUND or PREVIOUS WORK

- The Policy Committee approved the walking and biking policies and evaluation criteria for prioritizing projects at the March 13 meeting.
- On March 27, the Technical Committee decided to accept the regional list of walking and biking improvements, but chose not to prioritize them at this time.
- A BPAG meeting was held on April 21 to inform the public about recent Bicycle/Pedestrian Plan development.

CURRENT WORK

- Tables and maps of walking and biking projects for regional and local projects are being finalized.
- Develop acceptable bicycle/pedestrian standards.
- Research funding sources that will help support the proposed improvements.
- Identify implementation strategies that the MPO and entities can use to carry out the plan.

ANTICIPATED WORK

- Finalize acceptable bicycle/pedestrian standards.
- Issue a final draft of the plan for public review.
- Complete the Bicycle/Pedestrian Plan for MPO action in May and June.

BACKUP MATERIAL

- MPO regional list of proposed walking and biking improvements.
- Local proposed walking and biking improvements by entity
- An initial list of walking and biking standards.
- ADA Requirements.
- Implementation strategies and funding sources.

RECOMMENDATION

- It is recommended that the Technical Committee:
 - Review the accepted list and map of draft regional and local routes that are part of the proposed walk/bike network.
 - Review walking and biking standards.
 - Review remaining elements of the plan
 - Discuss final steps in plan development.

FARMINGTON METROPOLITAN PLANNING ORGANIZATION Agenda Item

Subject:	Access Management
Prepared by:	Joe Delmagori, MPO Planner
Date:	April 15, 2008

BACKGROUND or PREVIOUS WORK

- Access Management policies have been finalized with the Technical Committee.
- Definitions and functions for eight road classifications and their respective typical road sections have been developed.
- Standards and objectives to support the policies have been identified.

CURRENT WORK

- The MPO continues to develop typical urban and rural road sections.
- Road sections incorporate multi-modal elements where feasible.
- For some sections, variations are provided to compensate for all anticipated scenarios.
- The sections are intended to show the ideal placement of all elements when a road section reaches full build out.
- Spacing standards will be discussed with the Technical Committee.

ANTICIPATED WORK

- Develop intersection and driveway spacing and corner clearance standards.
- Access management standards for medians.

BACKUP MATERIAL

- Summary of draft policies and standards.
- Draft urban and rural road section diagrams.
- Comparison of intersection spacing standards from other MPOs and DOTs.

RECOMMENDATION

- It is recommended that the Technical Committee:
 - Review and revise typical road sections for access management.
 - Receive information on spacing standards from other MPOs and DOTs.

TRB Access Management Manual Guidelines

- Long and uniform signal spacing are an essential access management standard (p. 144).
- Studies have shown $\frac{1}{2}$ mile signal spacing can reduce vehicle hours of delay by 60% and vehicle hours of travel by 50% compared to $\frac{1}{4}$ mile signal spacing in corridors with full median openings (p. 144).
- Studies indicate a four lane divided arterial with uniform $\frac{1}{2}$ mile signal spacing could carry the same volume of traffic as a 6-lane divided arterial with $\frac{1}{4}$ mile signal spacing (p. 144).
- The following tables (p. 153 & 156) provide guidance on driveway and unsignalized access spacing:

- Corner clearance is determined by the functional area of the intersection, stopping sight distance, expected queue, distance related to perception-reaction time, and other factors (p. 156).

Access Spacing Comparison from other Access Management Plans

Plan	Road Class	Signal Spacing	Unsignalized Spacing	Driveway Spacing	Corner Clearance
Minnesota DOT	Principal Arterial	1/4 mi in Urban 1 mile in Rural	300-660' in Urban 1/2 to 1 mi in Rural	N/A	N/A
	Minor Arterial	1/4 mi in Urban 1/2 mi in Rural	300-660' in Urban 1/4 to 1/2 mi in Rural	N/A	N/A
	Collectors	1/8 mi in Urban 1/2 mi in Rural	300-660' in Urban 1/4 to 1/2 mi in Rural	N/A	N/A
Corpus Christi MPO	Principal Arterial	1,320 - 2,640 (1/4 – 1/2 mi)	200-425	N/A	200 - 425 (TxDOT)
	Minor Arterial	1,320 - 2,640 (1/4 – 1/2 mi)	200-425	450	125
	Collector	1,320 - 2,640 (1/4 – 1/2 mi)	200-425	325	75
Waco TX MPO	Principal Arterial	2,640 (1/2 mi)	N/A	≥ 45 mph = 660 ≤ 45 mph = 440	Based on Median Type, intersection approach or departure, and allowed access. Corner clearance ranges from 75-230'
	Minor Arterial	≥ 45 mph = 2,640 ≤ 45 mph = 1,320	N/A	≥ 45 mph = 440 ≤ 45 mph = 245	
	Collector	1,320 (1/4 mi)	N/A	125	
Richmond MPO	Principal Arterial (45-55 mph)	2,540 (1/2 mi)	N/A	660	660
	Minor Arterial (45-55 mph)	1,320 (1/4 mi)	N/A	440	440
	Collector	1,320 (1/4 mi)	N/A	245	245

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From the ITE Newsletter – April 15, 2008

Complete Streets Legislation Introduced

On March 3, 2008, Senators Tom Harkin (D-IA) and Tom Carper (D-DE) introduced S. 2686, the “Complete Streets Act of 2008.” The bill is drafted to promote the design of safer streets for all users. Within two years of enactment, the bill requires states and metropolitan planning areas to adopt an explicit statement of policy that the “safety and convenience of all users shall be accommodated” and outlines the scenarios of its application. It instructs the U.S. Access Board to issue final standards for accessibility of new construction and alterations of pedestrian facilities in the public right of way. It also instructs the Federal Highway Administration (FHWA) to conduct complete streets research to support states and metropolitan planning organizations in developing, adopting and implementing plans, projects, procedures, policies and training to comply with the statement of policy. In addition, research is to be conducted to establish benchmarks, practical guidance and a best practices report. FHWA is also to support data collection efforts for the development of a survey tool.

From ITE Journal – March 2008

On December 19, 2007, President George W. Bush signed the Energy Independence and Security Act of 2007, which included a section focused on “designing for all users,” an ITE mega issue. The law includes the following section:

Section 1133. Sense of Congress Regarding Use of Complete Streets Design Techniques.

It is the sense of Congress that in constructing new roadways or rehabilitating existing facilities, state and local governments should consider policies designed to accommodate all users, including motorists, pedestrians, cyclists, transit riders and people of all ages and abilities, in order to:

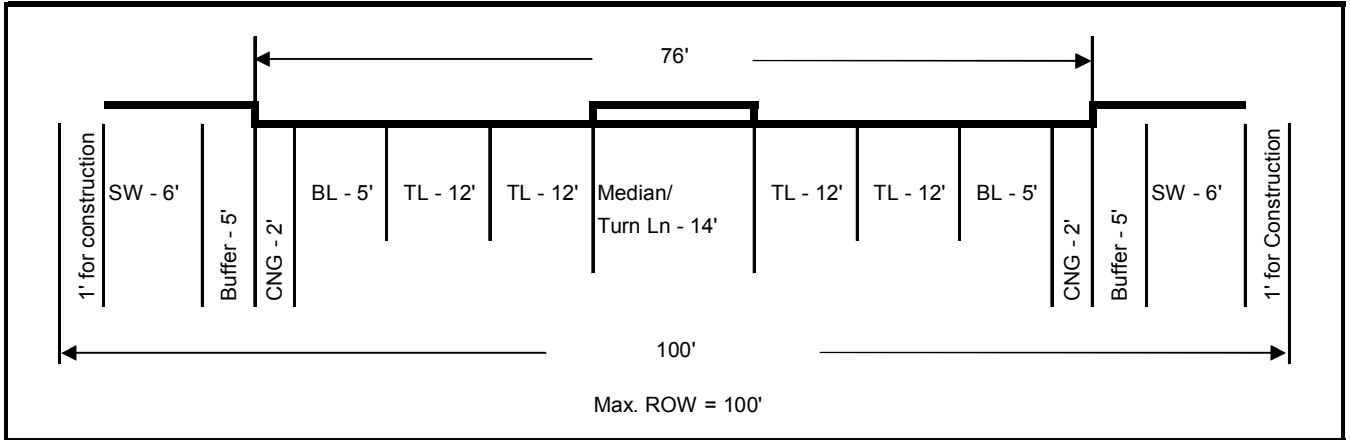
- Serve all surface transportation users by creating a more interconnected and intermodal system;
- Create more viable transportation options; and
- Facilitate the use of environmentally friendly options, such as public transportation, walking and bicycling.

A note regarding the Rural sections: the Technical Committee decided to have at least two variations of these sections. Rural roads close to urban areas will tend to look similar to the urban sections under the assumption that the cities will continue to expand and eventually annex these rural areas. For new roads in outlying areas, they would likely maintain a rural status for several years. Furthermore, having bicycle and pedestrian facilities is not as critical given the low density of these areas.

The road sections are shown at full build-out. This takes into account the evolution of a road (i.e. a road starts out as a rural arterial, but as development occurs around it, the road incorporates the elements of an urban arterial). The key is for the entities to secure sufficient ROW for future expansion and/or modification as well as to accommodate the various modes of transportation. It is also important to ensure that the road sections will enable the road class to serve its intended function and purpose.

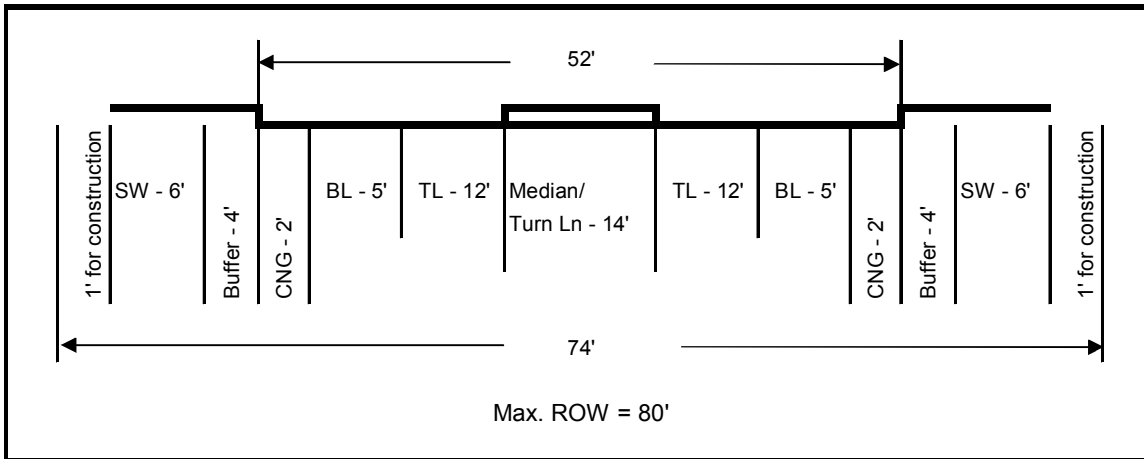
Staff will review the sections developed to this point with the Technical Committee on April 24 and make revisions as necessary.

**Figure 1: 4 Ln Urban Principal Arterial or Urban Minor Arterial
Full Buildout at 100' ROW**



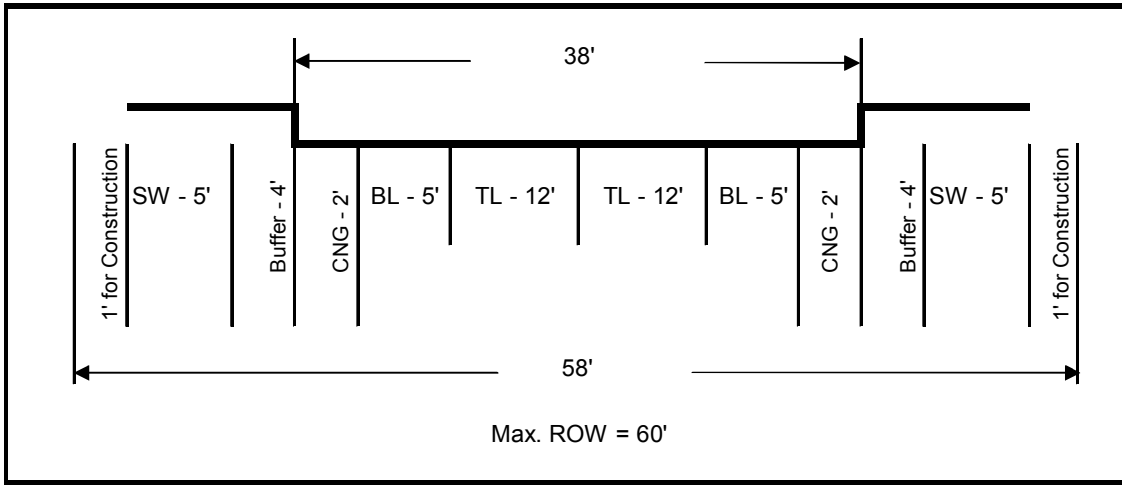
SW - Sidewalk
CNG - Curb & Gutter
BL - Bike Lane
TL - Travel Lane

**Figure 2-A: 2 Ln Urban Minor Arterial or 2 Ln Collector
Commercial - Full Buildout at 80' ROW**



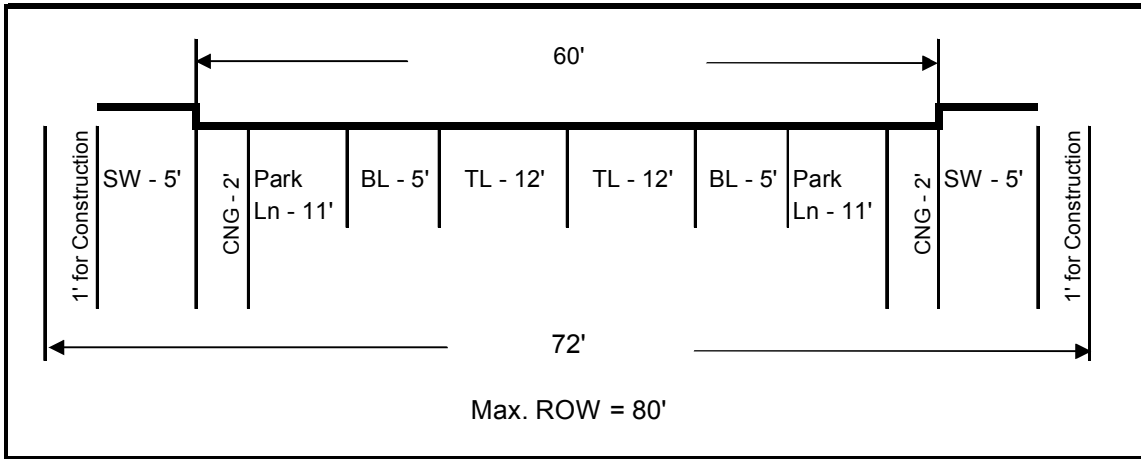
SW - Sidewalk
CNG - Curb & Gutter
BL - Bike Lane
TL - Travel Lane

**Figure 2-B: 2 Ln Urban Collector
Residential - Full Buildout at 60' ROW**



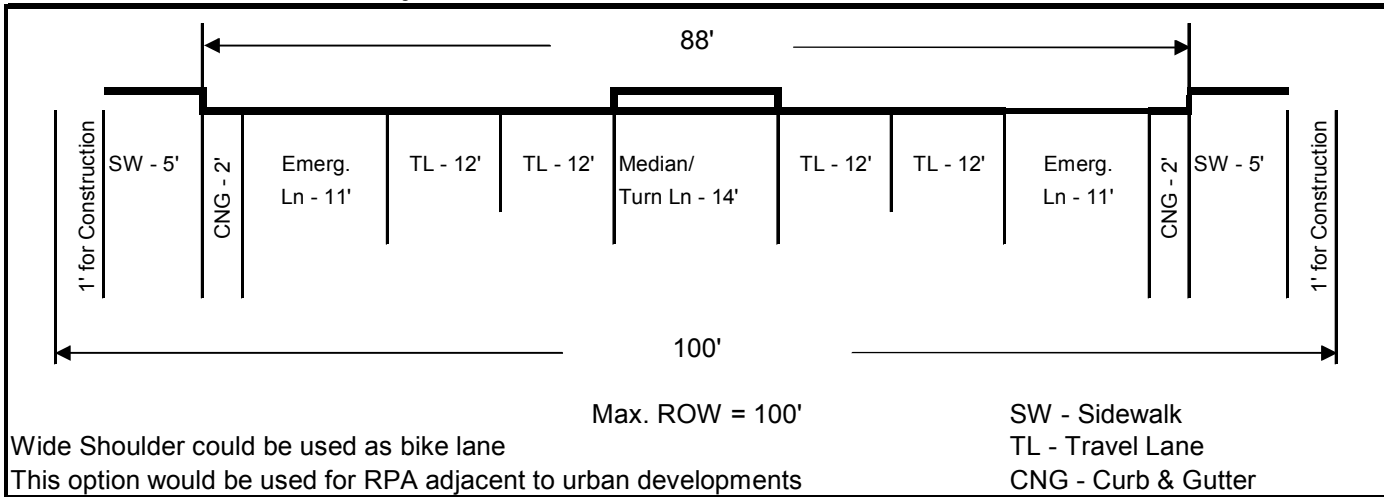
SW - Sidewalk
CNG - Curb & Gutter
BL - Bike Lane
TL - Travel Lane

**Figure 2-C: 2 Ln Urban Collector
Commercial or Residential - Full Buildout at 80' ROW**

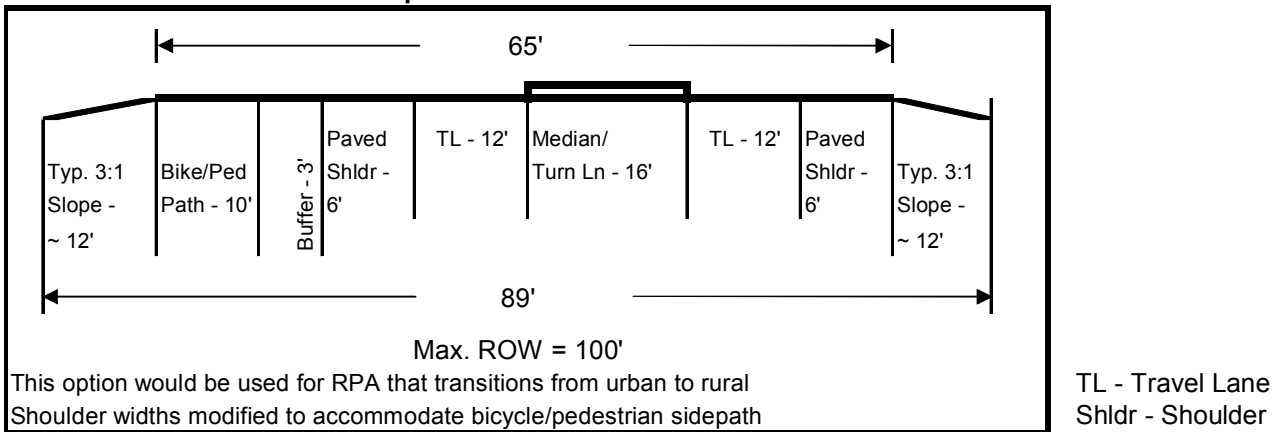


SW - Sidewalk
CNG - Curb & Gutter
BL - Bike Lane
TL - Travel Lane

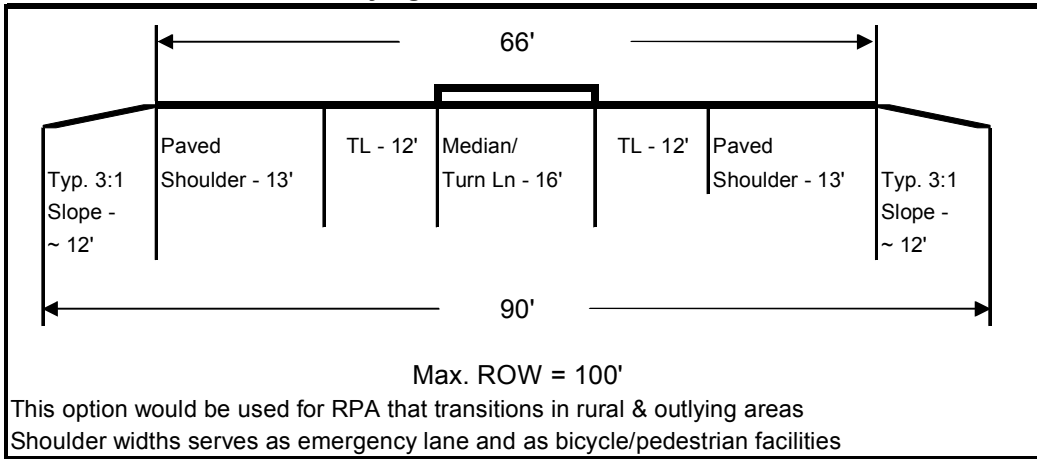
**Figure 3-A: 4 Lane Rural Principal Arterial
Adjacent to Urban Areas - Full Buildout at 100' ROW**



**Figure 3-B: 2 Lane Rural Principal Arterial
Bike/Ped Sidepath - Full Buildout at 100' ROW**

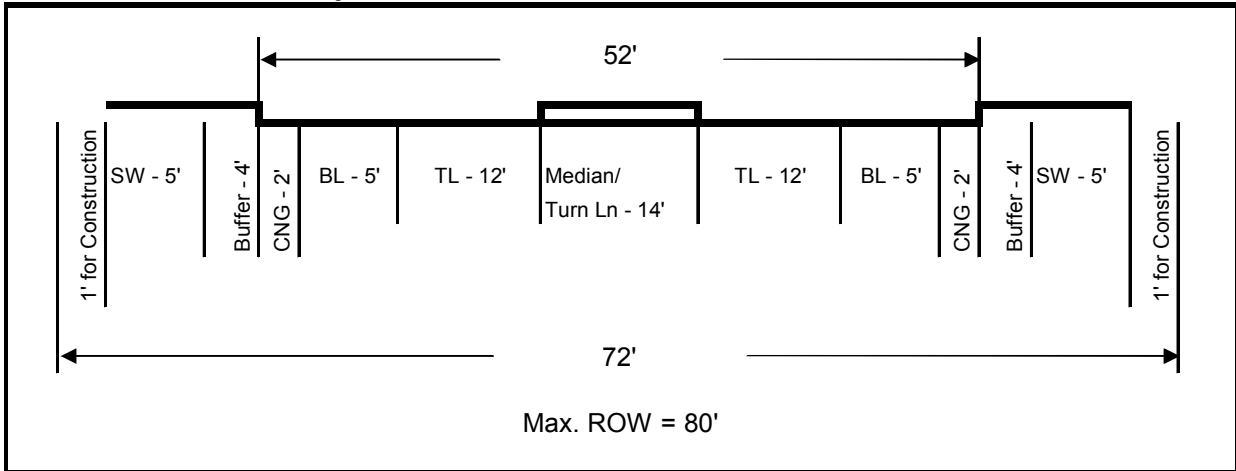


**Figure 3-C: 2 Lane Rural Principal Arterial
Rural and Outlying Areas - Full Buildout at 100' ROW**



TL - Travel Lane
Shldr - Shoulder

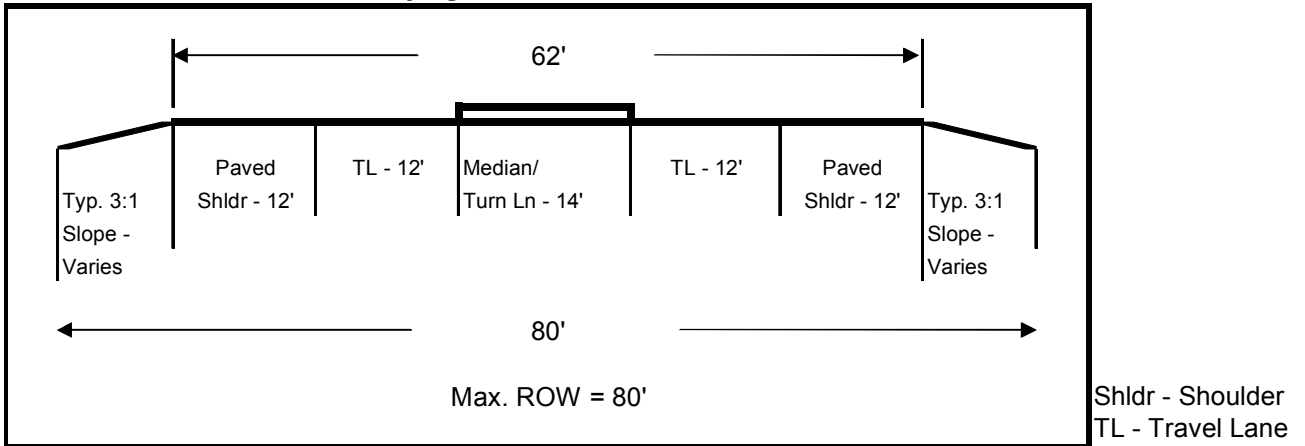
**Figure 4-A: 2 Lane Rural Minor Arterial
Adjacent to Urban Areas - Full Buildout at 80' ROW**



SW - Sidewalk
BL - Bike Lane

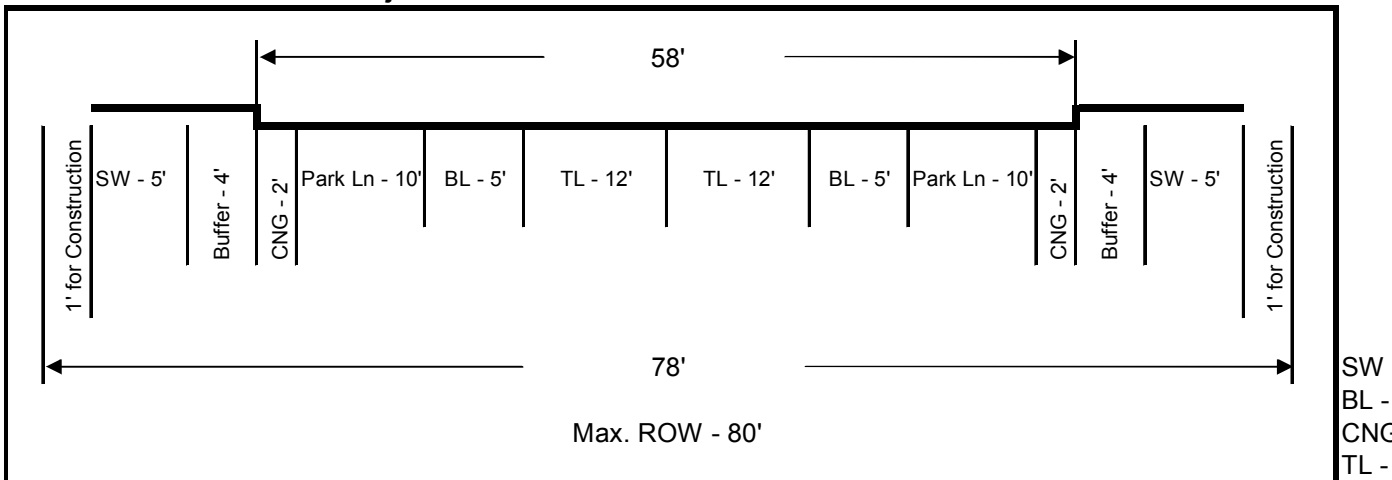
CNG - Curb & Gutter
TL - Travel Lane

**Figure 4-B: 2 Lane Rural Minor Arterial
Rural and Outlying Areas - Full Buildout at 80' ROW**

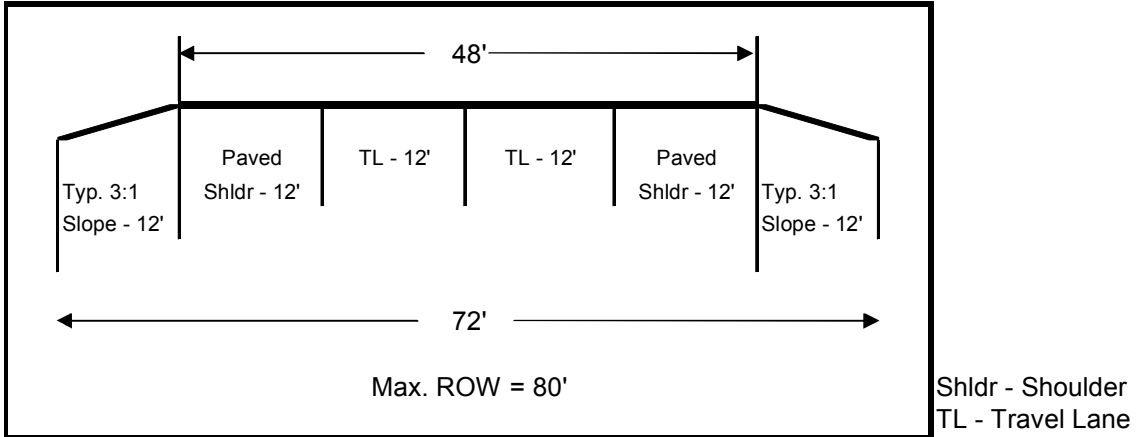


Wide Shoulder can be used for used as a bike lane and as a pedestrian facility

**Figure 5-A: 2 Lane Rural Major Collector
Adjacent to Urban Areas - Full Buildout at 80' ROW**

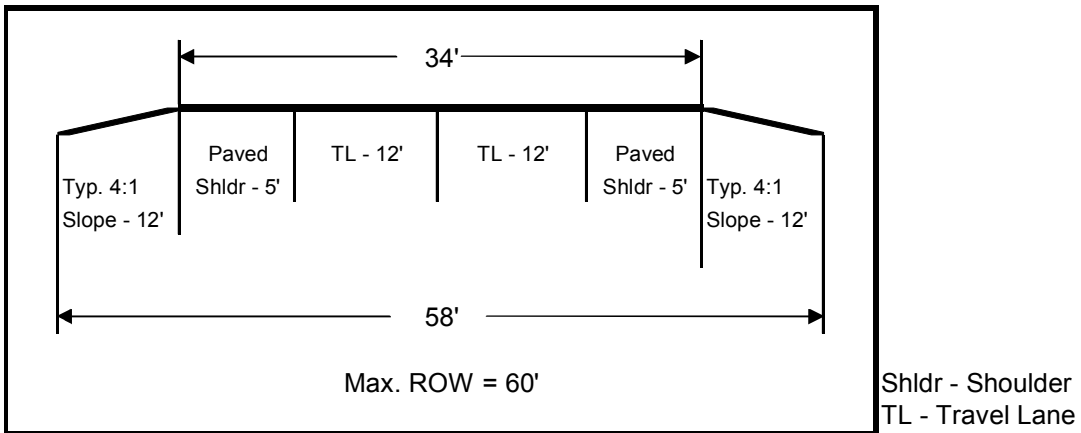


**Figure 5-B: 2 Lane Rural Major Collector
Rural and Outlying Areas - Full Buildout at 80' ROW**



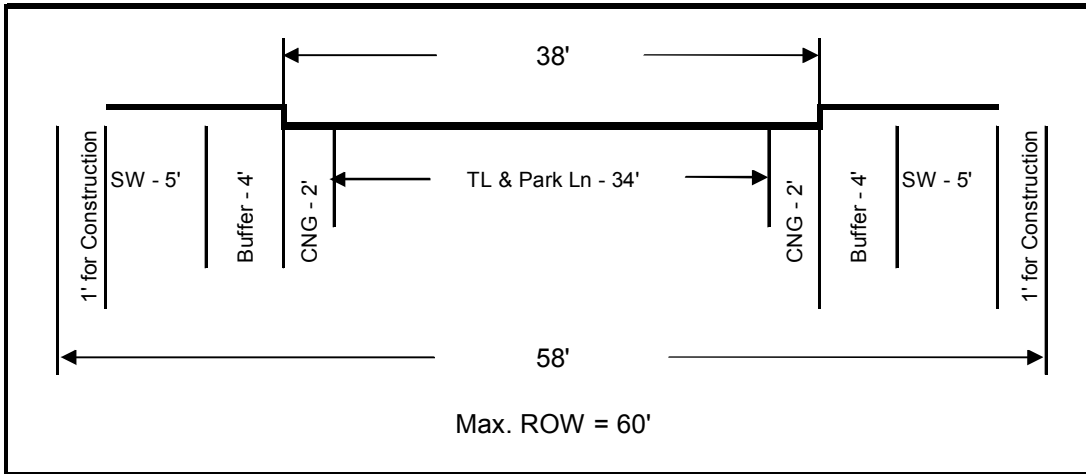
Wide Shoulder can be used for used as a bike lane and as a pedestrian facility

**Figure 6-A: 2 Lane Rural Local
Full Buildout at 60' ROW**



Wide Shoulder can be used for used as a bike lane and as a pedestrian facility
Based on Standard Paved Road Section for San Juan County

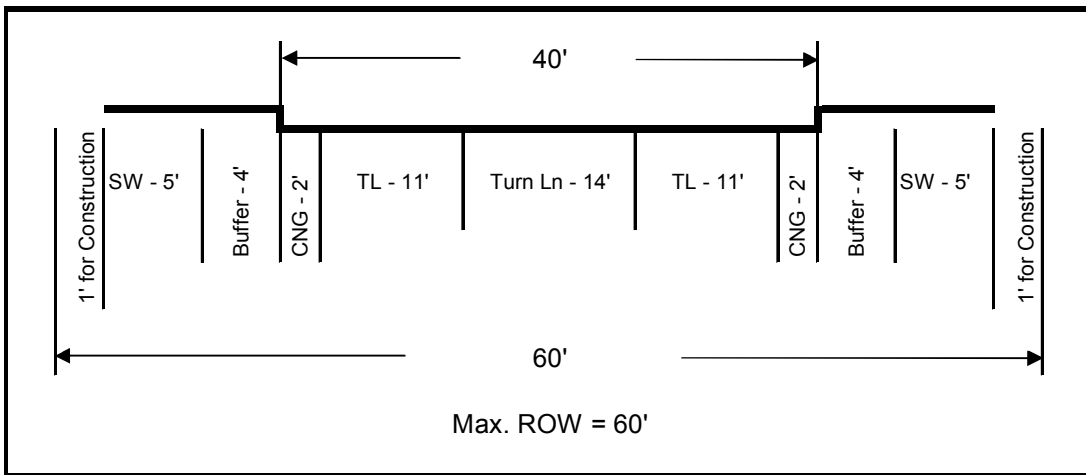
**Figure 6-B: 2 Lane Rural Local
Full Buildout at 60' ROW**



SW - Sidewalk
TL - Travel Lane
CNG - Curb & Gutter

Variation of Standard Paved Road Section for San Juan County to include sidewalks

**Figure 7: Frontage Road
Full Buildout at 60' ROW**



SW - Sidewalk
CNG - Curb & Gutter
TL - Travel Lane

**FARMINGTON METROPOLITAN PLANNING ORGANIZATION
Agenda Item**

Subject: Regional Travel Model Update
Prepared by: Joe Delmagori, MPO Planner
Date: April 14, 2008

BACKGROUND or PREVIOUS WORK

- PTV America was contracted to update and expand the travel model for the MPO.
- Staff provided revised 2005 and 2030 land use tables to PTV.
- Staff provided count data from 2004-2006 to PTV to assist with calibration efforts.

CURRENT WORK

- The consultant has completed a first iteration of the PM peak hour calibration process.
- Staff is reviewing the results with particular attention to areas of the network where there is considerable difference between the model volumes and the actual traffic counts.
- PTV is working on calibration of the AM peak hour period.
- Work with entities to develop a mid-forecast year (~2012) based on updated base year data.

ANTICIPATED WORK

- PTV will continue to calibrate/validate and expand the model to have AM Peak Hour and Daily capabilities (completion anticipated in May 2008).
- PTV will create documentation reports and provide final versions of the new traffic model.

RECOMMENDATION

- It is recommended that the Technical Committee receive a report on the update to the regional travel model.

FARMINGTON METROPOLITAN PLANNING ORGANIZATION Agenda Item

Subject:	Red Apple Transit
Prepared by:	Joe Delmagori, MPO Planner
Date:	April 14, 2008

RED APPLE UPDATE

- In February and March, ridership averaged 9,200 passengers.

- Tiger and Bobcat ridership increased during this time; Bronco ridership decreased slightly.
- The FTA Triennial Review for Red Apple will occur in July.
- There will be a 10% increase in transit contract costs due to an increase of 25% in fuel costs and an increase of 3% in operators' contract costs.

RECOMMENDATION

- It is recommended that the Technical Committee receive a report on Red Apple Transit.

FARMINGTON METROPOLITAN PLANNING ORGANIZATION Agenda Item

Subject:	Information Items
Prepared by:	Joe Delmagori, MPO Planner
Date:	April 14, 2008

INFORMATION ITEMS

- d. **MPO Associate Planner.** An update on the hiring process will be provided to the Committee on April 24.
- e. **NW RPO Meeting.** Joe Delmagori attended the monthly RPO meeting in Gallup on April 9. The RPO Annual Work Program involves completing the Corridor Management Plan for the Trail of the Ancients and working on a feasibility study for a Regional Transit District for northwest New Mexico.
- f. **NMDOT BPE Quarterly Meeting.** Aztec will host the next BPE meeting on May 15. Staff will present the Bicycle/Pedestrian Plan. Check the NMDOT website for time and location. All are welcome to attend.
- g. **Other**