CONSTRUCTION NOTES:

1. CURB SHALL BE CONSTRUCTED WITH CLASS B 4000 PSI CONCRETE.

2. SIDEWALK SURFACE SHALL BE GIVEN A LIGHT BROOM FINISH WITH THE BRUSH MARKS PERPENDICULAR TO THE CURB.

3. CURB SHALL BE GIVEN LIGHT BROOM FINISH PARALLEL TO CURB LINE.
BROOM FINISH SURFACE PERPENDICULAR TO DIRECTION OF TRAFFIC

1/8" TO 1/4" JOINT SEALER

V-SHAPED TOOLEO JOINT

1/8" RADIUS

1/2" JOINT FILLER

EXPANSION JOINTS @ 30' O.C. & ADJACENT TO ALL RIGID OBJECTS

1/2" RADIUS

SIDEWALK GROOVE JOINTS SPACING AT WIDTH OF SIDEWALK

SECTION A-A

5'

4" CONCRETE SIDEWALK

SLOPE 1/4" PER FOOT

FINISH GRADE

4" MIN. COMPACTED ABC

SECTION B-B

CONCRETE SIDEWALK

SEPT. 2012

TOWN OF WEAVERVILLE

STANDARD DETAIL-S1B
CONSTRUCTION NOTES:

1. CURB AND SIDEWALK SHALL BE CONSTRUCTED WITH CLASS B 4000 PSI CONCRETE.

2. SIDEWALK SURFACE SHALL BE GIVEN A LIGHT BROOM FINISH WITH THE BRUSH MARKS PERPENDICULAR TO THE CURB.

3. CURB SHALL BE GIVEN LIGHT BROOM FINISH PARALLEL TO CURB LINE.
BROOM FINISH SURFACE PERPENDICULAR TO DIRECTION OF TRAFFIC

V-SHAPED TOOLED JOINT

1/8" TO 1/4" JOINT SEALER

1/8" RADIUS

1/2" JOINT FILLER

1/2" JOINT FILLER

EXPANSION JOINTS Ø 30" O.C. & ADJACENT TO ALL RIGID OBJECTS

SIDEWALK GROOVE JOINTS SPACING AT WIDTH OF SIDEWALK

SECTION A-A

CONCRETE CURB

SAW CUT EXISTING ASPHALT ASPHALT SURFACE

2" RADIUS

2" S 9.5A

FINISH GRADE

5' 1/2" TOOLED JOINT

4" CONCRETE SIDEWALK SLOPE 1/4" PER FOOT

4" MIN. COMPACTED ABC

6" MIN. COMPACTED ABC

COMPACTED SUBGRADE

SECTION B-B

MONOLITHIC CONCRETE SIDEWALK AND ROAD WIDENING

SEPT. 2012

TOWN OF WEAVERVILLE

STANDARD DETAIL-S2B
2" LIFTS OF ASPHALT TYPE S 9.5A TO MATCH EXISTING PAVEMENT THICKNESS

1'-0 WIDTH VARIES 1'-0

EXISTING PAVEMENT

EXISTING BASE COURSE 6" MIN. CAÑC COMPACTED TO 100% STD. PROCTOR 2" LIFTS

TACK EXISTING PAVEMENT EDGE WITH CRS-I OR CRS-II. PATCH TO MATCH EXISTING PAVEMENT

NOTE:
1. EDGE TO BE SAWED WITH A CONCRETE SAW TO A NEAT SQUARED EDGE AND BROOMED CLEAN OF DUST BEFORE TACK COAT IS APPLIED.
2. EDGES TO BE TACKED WITH EMULSIFIED ASPHALT TACK CRS-I OR CRS-II.

ASPHALT DRIVE REPAIR
SEPT. 2012

TOWN OF WEAVERVILLE STANDARD DETAIL-S3
6"-4000 PSI CONCRETE TO MATCH EXISTING CONCRETE SURFACE

WIDTH VARIES

SAWCUT EXISTING EDGE TO PROVIDE NEAT STRAIGHT EDGE PRIOR TO REPAIR

EXISTING CONCRETE

EXISTING BASE COURSE

6" MIN. CABE COMPACTED TO 100% STD. PROCTOR

3 LIFTS

DRY/UNDISTURBED EARTH

CONCRETE DRIVE REPAIR

SEPT. 2012

TOWN OF WEAVERVILLE

STANDARD DETAIL-S4
GRAVEL DRIVE REPAIR
SEPT. 2012

TOWN OF WEAVERVILLE
STANDARD DETAIL-S5
CONSTRUCTION NOTES:

1. CURB SHALL BE CONSTRUCTED WITH CLASS B 4000 psi CONCRETE.
2. SURFACE SHALL BE GIVEN A LIGHT BROOM FINISH WITH THE BRUSH MARKS PARALLEL TO THE CURB.
3. FILL AND SEAL THE TOP 1/2" OF EXPANSION JOINTS AND TOP 1" OF CONTRACTION JOINTS WITH APPROVED JOINT SEALING COMPOUND.
4. REFERENCE NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES, SECTION 846-3.

30" CURB & GUTTER
SEPT. 2012
STAND-UP CONCRETE CURB
SEPT. 2012

TOWN OF WEAVERVILLE
STANDARD DETAIL-S8
FINISHED GRADE

10 1/2"

4,000 PSI CONCRETE

S 9.5A ASPHALT

6"

2"

8"

30"

8" COMPACTED NCDOT ABC STONE

COMPACTED SUBGRADE

PROVIDE CONTRACTION JOINTS AT 10' INTERVALS IN CONCRETE CURB. PROVIDE EXPANSION JOINTS AT 60' INTERVALS AND AT RIGID STRUCTURES.

30" VALLEY CURB
SEPT. 2012

TOWN OF WEAVERVILLE
STANDARD DETAIL-S10
2' x 3' cast-in-place red colored warning plate meeting the requirements of ADAAG (Americans with Disabilities Act Accessibility Guidelines) and Architectural Barrier Act 1968 Guidelines.

6" Curb

Concrete Sidewalk

1/4" expansion joint where handicap ramp joins sidewalk

Handicap ramp thickness = 6"

Curb thickness shall be 12" in this area

Wheelchair ramp slope = 12:1 max.

Edge of existing pavement

Plan

3'-4" minimum

Wheelchair ramp

Existing pavement surface

Curb thickness = 12"

Section A-A

4" compacted ABC

2" #6 rebar (24" L) to tie curb to handicap ramp

Notes:
1. Sidewalks shall be constructed with Class B, 4000 PSI concrete.
2. At all intersections, cross walks & locations where there is a vertical step in excess of 1", wheelchair ramps shall be constructed with maximum slope 12:1 & minimum width of 3'-4". At specific locations where the contractor cannot determine wheelchair ramp requirements, the contractor shall notify the engineer for field approval prior to construction.

Concrete handicap ramp with concrete sidewalk

Sept. 2012

Town of Weaverville

Standard detail-S11
2'x3' cast-in-place red colored warning plate meeting the requirements of ADAAG (Americans with Disabilities Act Accessibility Guidelines) and Architectural Barrier Act 1968 Guidelines.

Curb & Gutter

Concrete Sidewalk

1/4" expansion joint where handicap ramp joins sidewalk

Handicap ramp thickness = 6"

Curb thickness shall be 12" in this area

Tooled joint

Wheelchair ramp slope = 12:1 max.

Concrete Handicap Ramp with Concrete Sidewalk

Sept. 2012

Town of Weaverville

Standard Detail-S12
NOTES:

1. CENTER CROSSWALKS TO THEIR CORRESPONDING HANDICAP RAMPS, BUT DO NOT SET THEM WITHIN THE INTERSECTION AREA ESTABLISHED BY BISECTING THE INTERSECTION RADI.

2. PLACE STOP BARS A MINIMUM OF 4 FEET FROM NEAREST CROSSWALK LINE, BUT NOT WITHIN THE AREA OF A HANDICAP RAMP. PLACE STOP BARS PARALLEL TO CROSSWALK LINES, BUT CAN BE PERPENDICULAR TO TRAVEL LANES.

HI-VISIBILITY CROSSWALK
SEPT. 2012

TOWN OF WEAVERVILLE
STANDARD DETAIL-S13
PAVED DRIVEWAY

10' MIN. - 24' MAX. DRIVEWAY WIDTH

5'-0" RADIUS ON TRANSITION SECTION

RADIUS 5'-0"

EXISTING EDGE OF PAVEMENT

TOWN STREET

PAVED DRIVEWAY TURNOUT
SEPT. 2012

TOWN OF WEAVERVILLE

STANDARD DETAIL-S14
PAVED DRIVEWAY TURNOUT WITH SIDEWALK AND 6" CURB

SEPT. 2012

TOWN OF WEAVERVILLE

STANDARD DETAIL-S16
GRAVEL DRIVEWAY TURNOUT

SEPT. 2012

TOWN OF WEAVERVILLE

STANDARD DETAIL-S17
* INSTALL POST SO THAT THE BOTTOM OF MAILBOX IS MIN. 41", MAX. 45" VERTICALLY FROM THE ROAD SURFACE.

** MAILBOX TO BE 6" MIN., 8" MAX. FROM MAILBOX DOOR FACE TO EDGE OF ROAD, OR FACE OF CURB

REGULATION SIZED MAILBOX AND POST PROVIDED BY AND INSTALLED BY TOWN

DRILL 1.5" SHEARING HOLES PERPENDICULAR TO ROADWAY.

8" PVC POST SLEEVE

WASHED STONE

4"X4" POST

ROAD SURFACE

SIDE VIEW

MAILBOX INSTALLATION
SEPT. 2012

TOWN OF WEAVERVILLE
STANDARD DETAIL-S18A
NOTES:

1. MAILBOXES AND POSTS SHALL CONFORM AND BE INSTALLED ACCORDING TO THE UNITED STATES POSTAL SERVICE STANDARDS (STD-7B, MAILBOXES, CITY AND RURAL CURBSIDE).

2. ALL LUMBER SHALL BE PRESSURE TREATED DOUGLAS FIR OR SOUTHERN YELLOW PINE.

3. ALL POSTS TO BE SET AT A MINIMUM OF 24" BELOW SURFACE OF THE GROUND.

4. TREAT CUT OR DRILLED PRESSURE TREATED LUMBER WITH JASCO TERMIN 8 GREEN PRESERVATIVE OR APPROVED EQUIVALENT.

5. COVER TOP OF 8" PVC POST SLEEVE DURING CONCRETE PLACEMENT.

MAILBOX INSTALLATION
SEPT. 2012

TOWN OF WEAVERVILLE
STANDARD DETAIL-S18B
PVC SLEEVE IN CONCRETE SIDEWALK

SEPT. 2012

TOWN OF WEAVERVILLE

STANDARD DETAIL-S19
NOTES:

1. THE CONTRACTOR SHALL EXCAVATE AROUND EACH VALVE BOX AND ADJUST TO THE NEW FINISH GRADE OF ROAD. IF THE VALVE BOX WILL NOT ADJUST UP, IT SHALL BE REPLACED. ALL BROKEN OR CRACKED VALVE BOXES SHALL BE REPLACED.

2. PAVING RINGS SHALL NOT BE USED.

3. IF VALVE HAS CONCRETE PAD, EXISTING PAD TO BE REMOVED AND A NEW PAD POURED ON PREPARED SUBGRADE.