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**CHAPTER 6 - APPENDIX A**

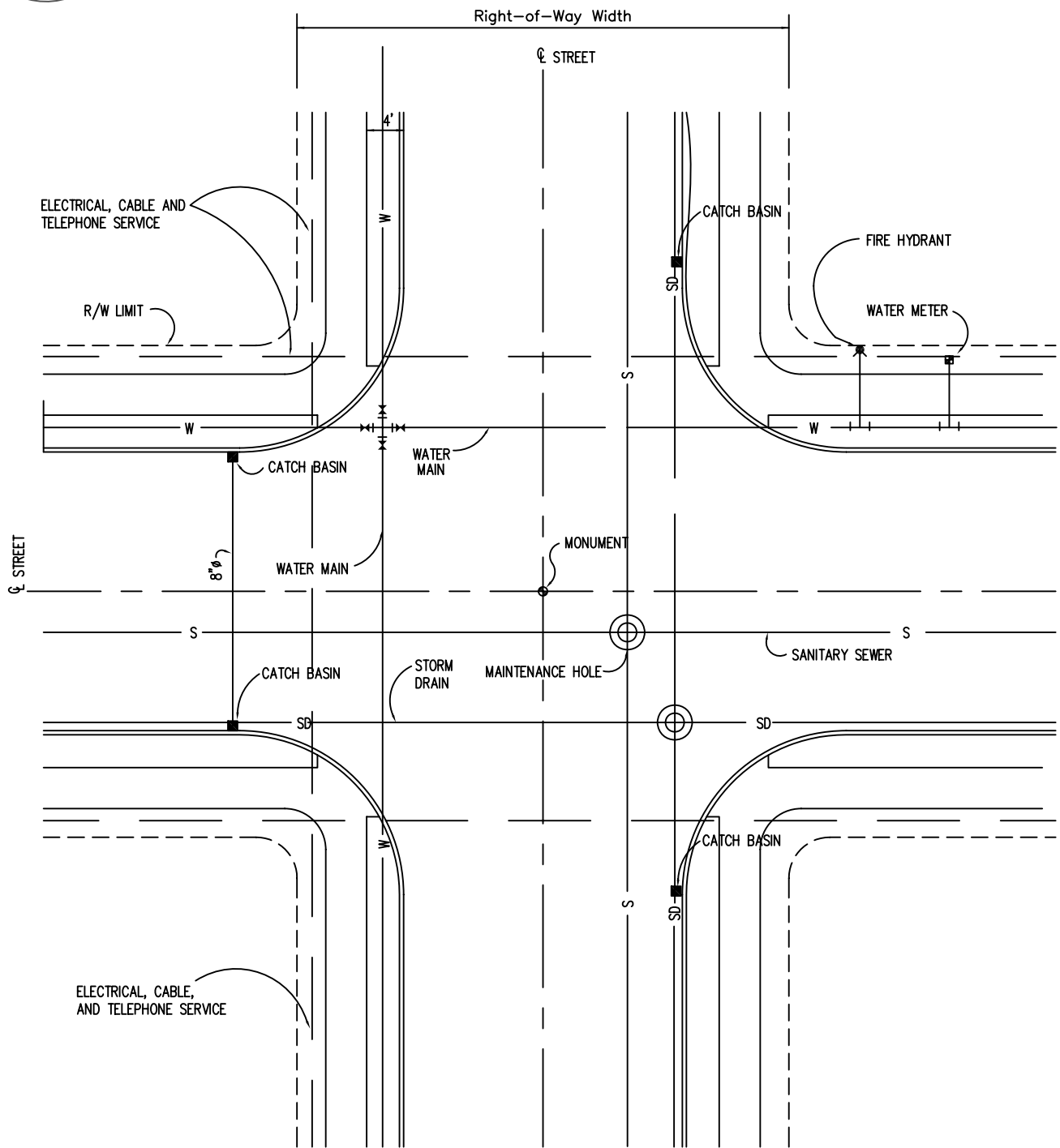

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Exhibit #	Standard Detail #	Title
1	T - 1	Typical Utility Location
2	T - 2	Pavement Sections
3	T - 3	Arterial and Collector Mixed Use Zones
4	T - 4	Arterial Collector Multi-Family and Commercial
<b>Areas</b>		
5	T - 5A	Arterial and Major Collector RI & RII Zones
6	T - 5B	Major Collector RI & RII Zones
7	T - 6	Scenic Collector
8	T - 7	Minor (Neighborhood) Collector
9	T - 8	Local Access Street High Intensity/Density
10	T - 9	Local Access Street Minimum Standard
11	T - 11	Sight Obstruction
12	T - 12	Street Tree Spacing and Location Requirements
13	T - 13	Cement Concrete Curb and Gutter, Type A-1"
14	T - 14	Rolled Curb Detail
15	T - 15	Sidewalk Installation
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19	T - 20	Driveway Location
20	T - 21	Bicycle Lane Striping General Guide
21	T - 22	Survey Monument
22	T - 23	Survey Control Monument
23	T - 24	Survey Control Monument 3" Brass Disc
24	T - 25	Joint Utility Trench Section for Secondary/Service
<b>Lines</b>		
25	T - 26	Traffic Sign Installation
26	T - 27	Traffic Control Plan



# City of Port Townsend - Public Works Department

## Standard Detail



**NOTE:**

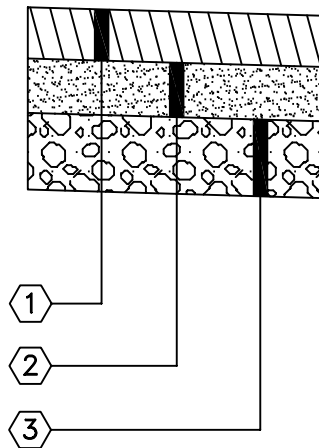
THIS DRAWING IS INTENDED ONLY TO ILLUSTRATE GENERAL LOCATION OF UTILITIES WITHIN THE RIGHT OF WAY.

Date: April 1997	No.	Date	Revision	By	Apvd	<h3 style="margin: 0;">Typical Utility Location</h3> <p style="font-size: 24px; margin: 10px 0 0 0;">Detail:            T-1</p>
Approved By:						
File: E:\eng_std\standard\transpo						



# City of Port Townsend - Public Works Department

## Standard Detail



	MINOR ARTERIAL	COLLECTOR	LOCAL ACCESS
① ASPHALT CLASS B	4.0"	3.0"	2.0"
② CRUSHED SURFACING TOP COURSE	4.0"	2.0"	2.0"
③ GRAVEL BASE (1)	10.0"	10.0"	8.0"

**NOTES:**

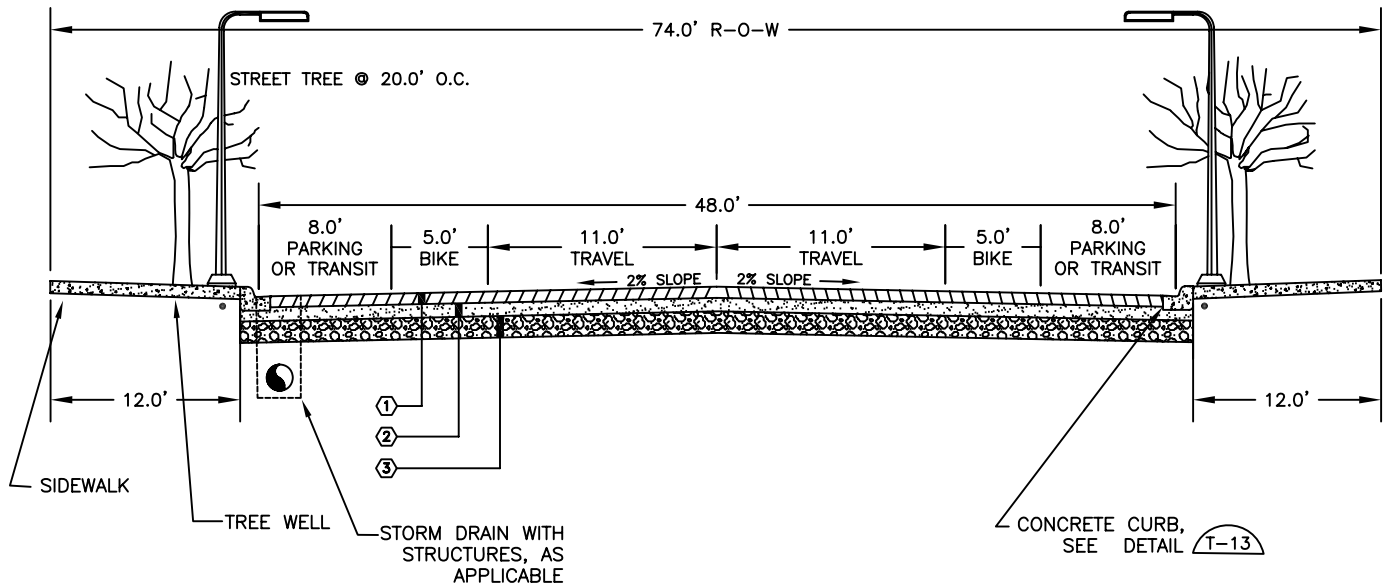
(1) BASE MAY NEED TO BE INCREASED DEPENDING ON SUITABILITY OF NATIVE MATERIAL.

Date: April 1997	No.	Date	Revision	By	Apvd	Pavement Sections
Approved By:						
File: E:\eng_std\standard\transpo						Detail: T-2



# City of Port Townsend - Public Works Department

## Standard Detail



### ROADWAY SECTION

### MIXED USE ZONES (C-I/MU, C-II/MU)

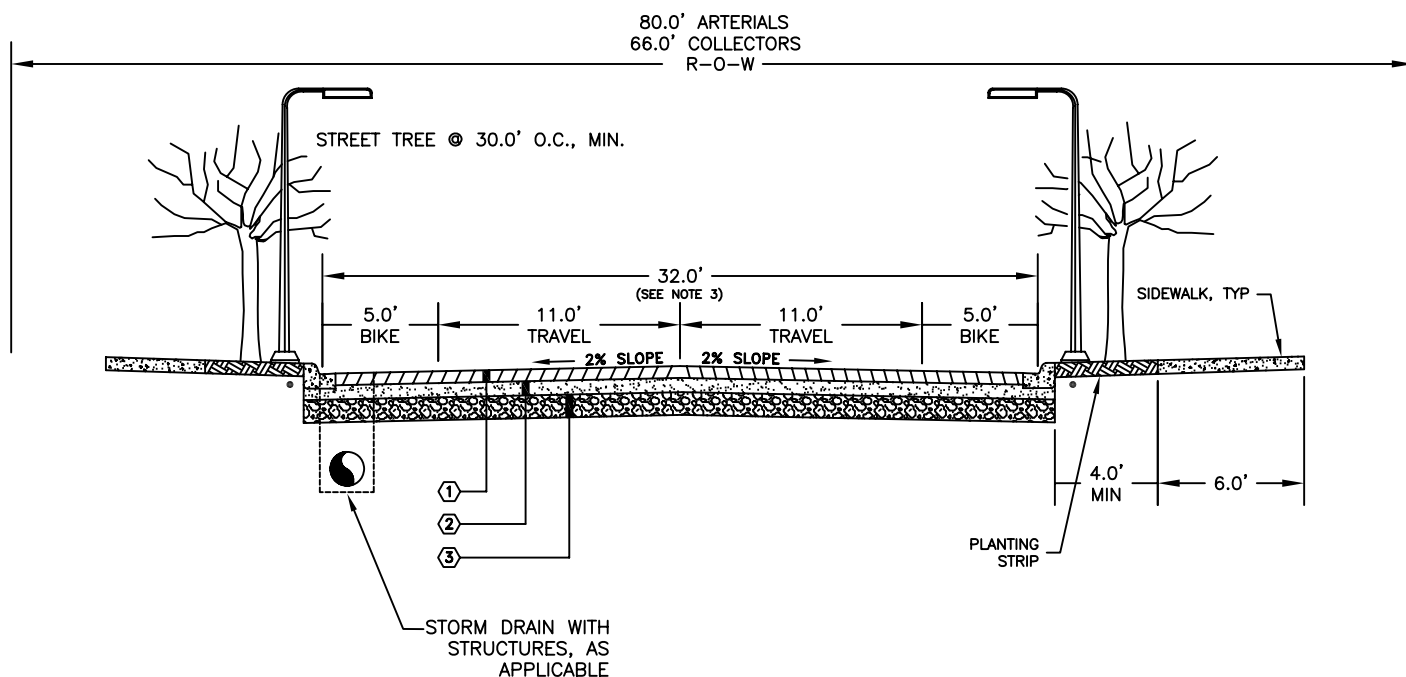
OR OTHER AREAS WHERE ON-STREET PARKING IS ALLOWED OR REQUIRED.

Date: April 1997	No.	Date	Revision	By	Apvd	<h3 style="margin: 0;">Arterial and Collector</h3> <p style="margin: 0;">Mixed Use Zones</p> <h2 style="margin: 0;">Detail: T-3</h2>
Approved By:						
File: E:\eng_std\standard\transpo						



# City of Port Townsend - Public Works Department

## Standard Detail



### ROADWAY SECTION

### RIII, RIV, COMMERCIAL AND MARINE/MANUFACTURING AREAS

**NOTE:**

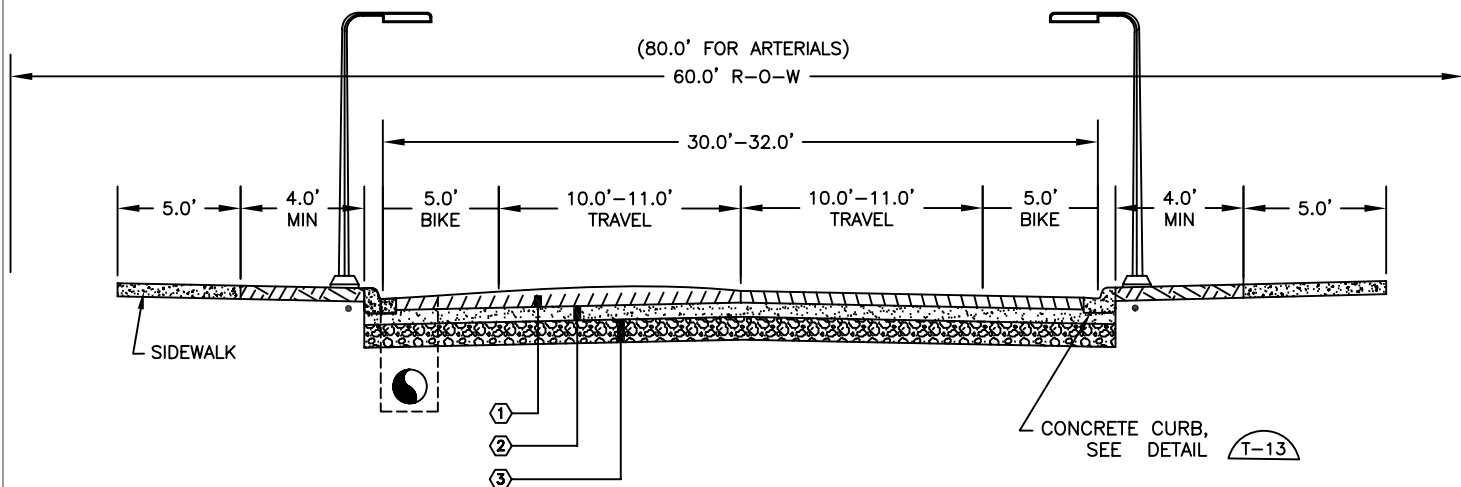
- (1) POWER AND UTILITIES SHALL BE UNDERGROUND.
- (2) PROVIDE STREET LIGHTS IN ACCORDANCE WITH SPECIFICATIONS.
- (3) TURN LANES, TRANSIT PULLOUTS, AND OTHER IMPROVEMENTS MAY BE REQUIRED DEPENDING ON THE ADJACENT DEVELOPMENT, TRAFFIC VOLUME, AND INTERSECTION NEEDS.
- (4) USE DETAIL T-3 WHERE ON-STREET PARKING IS TO BE PROVIDED.

Date: April 1997	<b>No.</b>	<b>Date</b>	<b>Revision</b>	<b>By</b>	<b>Apvd</b>	<h3 style="margin: 0;">Arterial and Collector</h3> <p style="margin: 0;">Multi-Family and Commercial Areas</p>
Approved By:						
File: E:\eng_std\standard\transpo						
						<b>Detail:                      T-4</b>

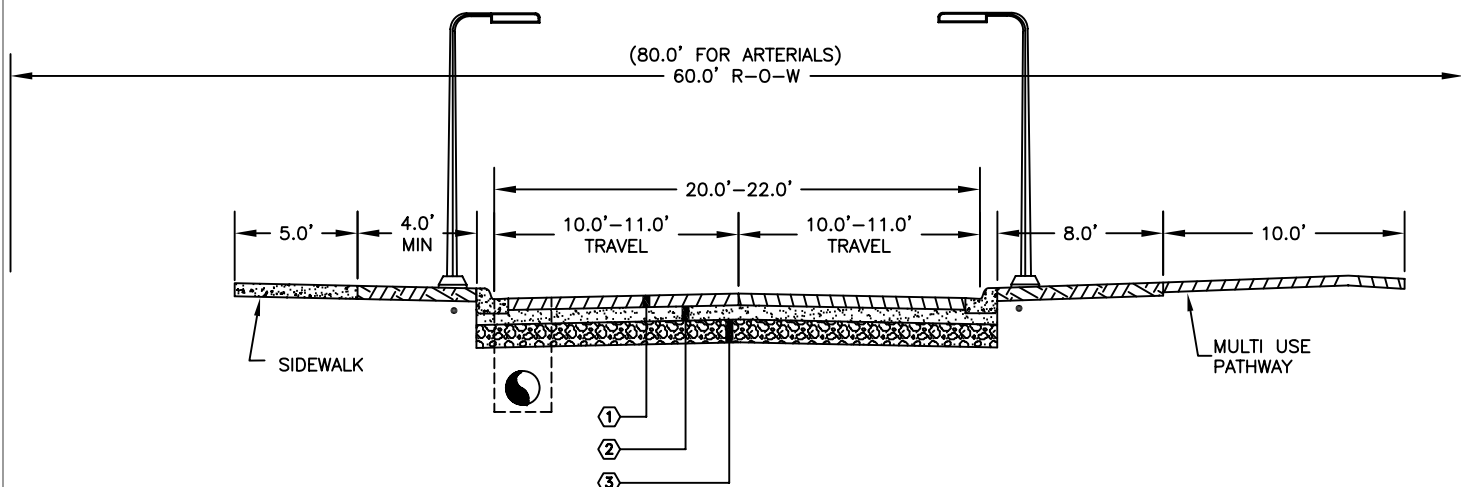


# City of Port Townsend - Public Works Department

## Standard Detail



**ALTERNATIVE A**



**ALTERNATIVE B**

**TRAVEL LANES:**

ARTERIALS 11.0' TRAVEL LANE  
 COLLECTORS 10.0' TRAVEL LANE

**NOTE:**

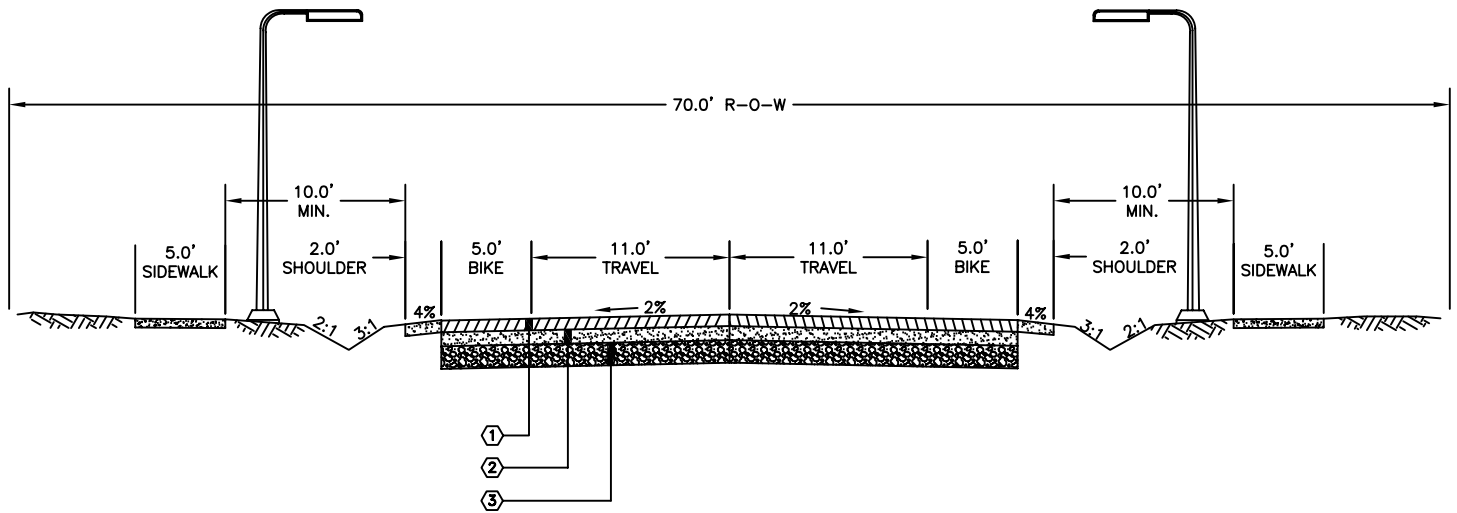
- 1) POWER AND UTILITIES SHALL BE UNDERGROUND.
- 2) STREET LIGHTS PER SPECIFICATION.
- 3) ASPHALT WEDGE CURB OR SHOULDER WITH DRAINAGE MAY BE USED DEPENDING ON RIGHT-OF-WAY WIDTH, STORM DRAINAGE DESIGN, OR OTHER FACTORS AS APPROVED BY THE P.W.D.

Date: April 1997	No.	Date	Revision	By	Apvd	<b>Arterial and Major Collector</b> RI & RII Zones  <b>Detail: T-5A</b>
Approved By:						
File: E:\eng_std\standard\transpo						



# City of Port Townsend - Public Works Department

## Standard Detail



### ALTERNATIVE C

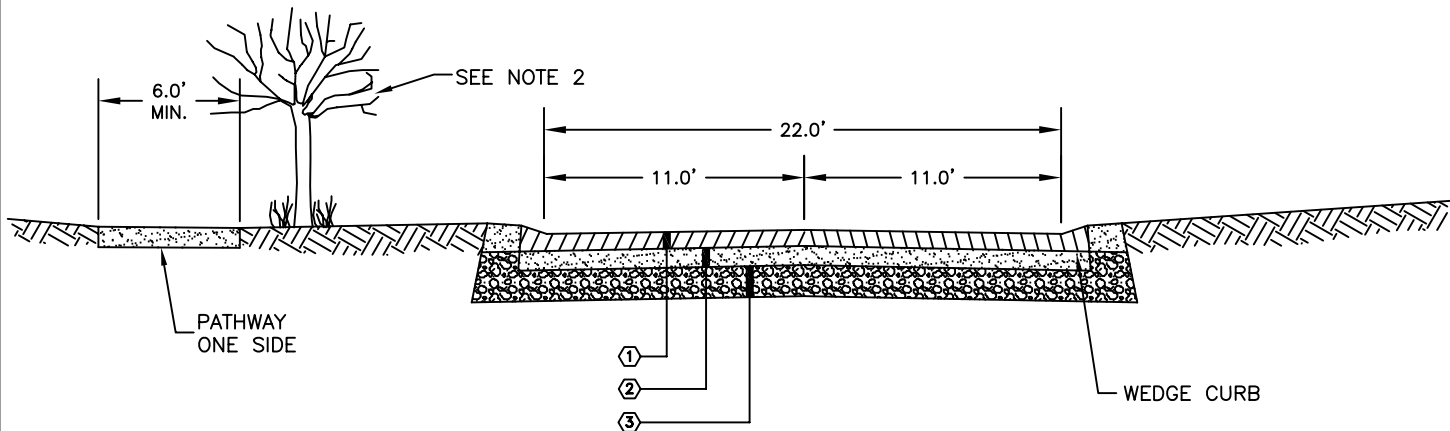
3.) LOCATE SIDEWALK TO PRESERVE EXISTING VEGETATION.

Date: April 1997	No.	Date	Revision	By	Apvd	<p>Major Collector</p> <p>RI &amp; RII Zones</p> <hr/> <p>Detail: T-5B</p>
Approved By:						
File: E:\eng_std\standard\transpo						

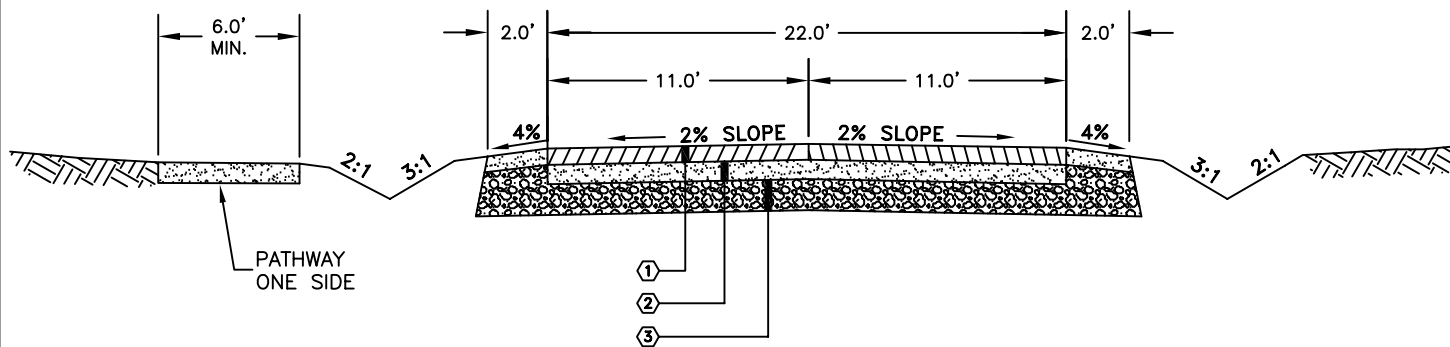


# City of Port Townsend - Public Works Department

## Standard Detail



ALTERNATIVE A



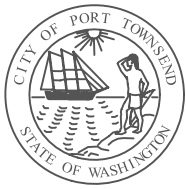
ALTERNATIVE B

**NOTE:**

- 1) ROAD EDGE: DITCH OR ASPHALT CURB, DEPENDING ON DRAINAGE REQUIREMENTS, TOPOGRAPHY, VEGETATION, ETC.
- 2) PRESERVE EXISTING ROADSIDE VEGETATION AND TREE CANOPY TO MAXIMUM EXTENT POSSIBLE.
- 3) LOCATE PATHWAY AS TO PRESERVE VEGETATION.

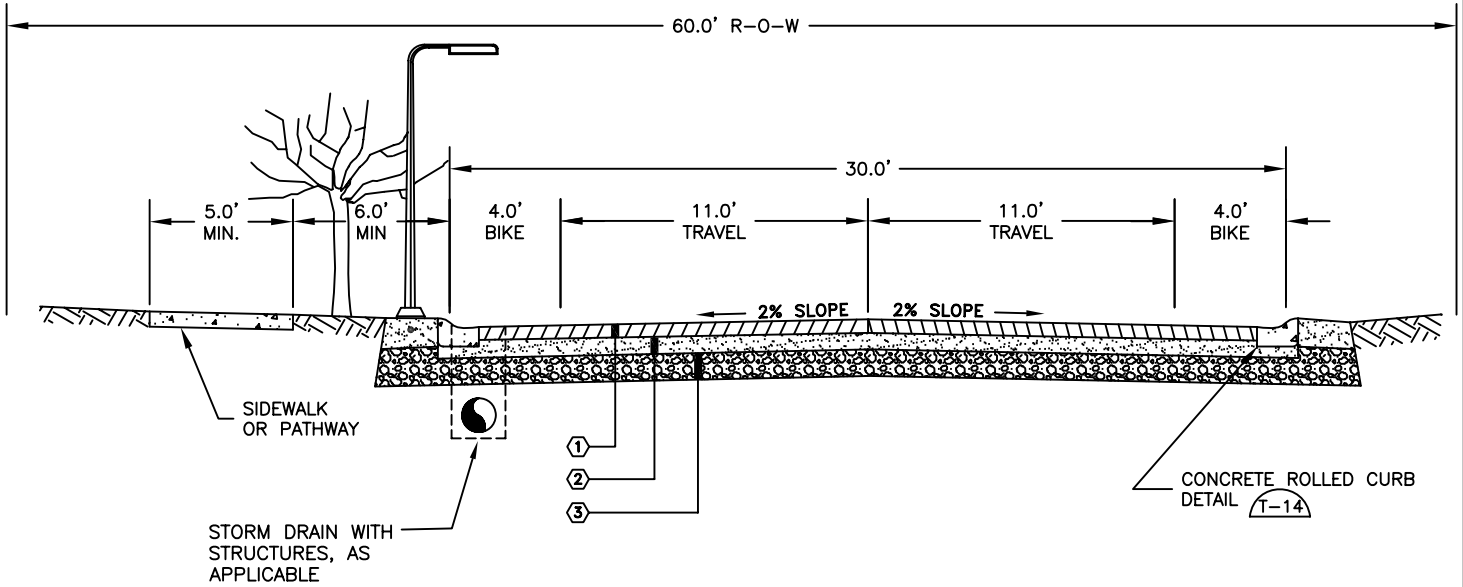
Date: April 1997	No.	Date	Revision	By	Apvd	Scenic Collector  Detail:                      T-6
Approved By:						
File: E:\eng_std\standard\transpo						



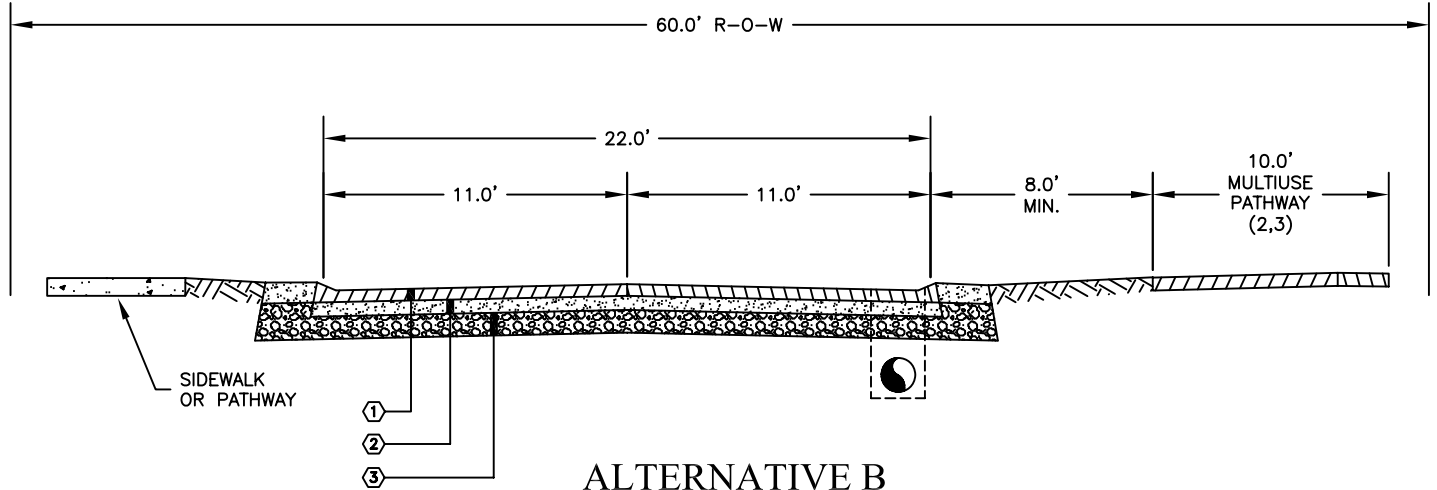


# City of Port Townsend - Public Works Department

## Standard Detail



ALTERNATIVE A



ALTERNATIVE B

**NOTES:**

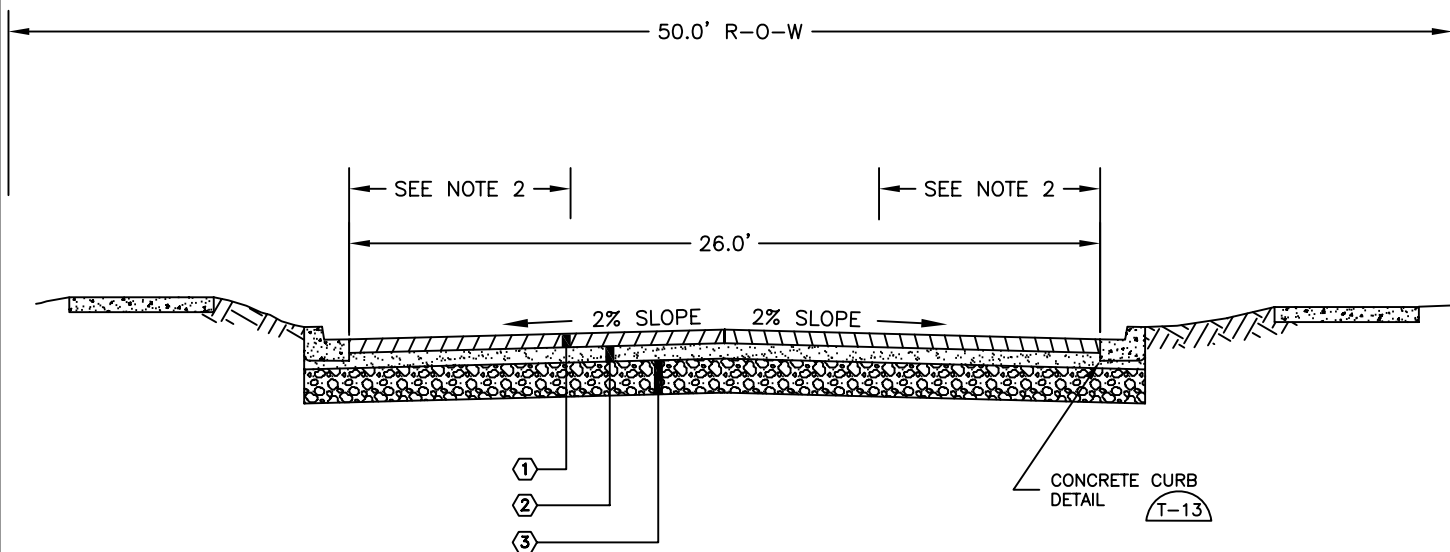
- (1) BIKE LANES MAY BE ELIMINATED WHEN A MULTI-USE PATHWAY IS NEARBY AND PERFORMS A SIMILAR FUNCTION.
- (2) PATHWAY MAY NOT BE NECESSARILY ADJACENT TO THE ROADWAY, LOCATE PATHWAY TO PRESERVE VEGETATION.

Date: April 1997	No.	Date	Revision	By	Apvd	Minor (Neighborhood) Collector
Approved By:						
File: E:\eng_std\standard\transpo						



# City of Port Townsend - Public Works Department

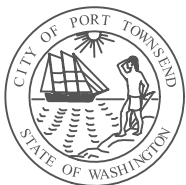
## Standard Detail



**NOTE:**

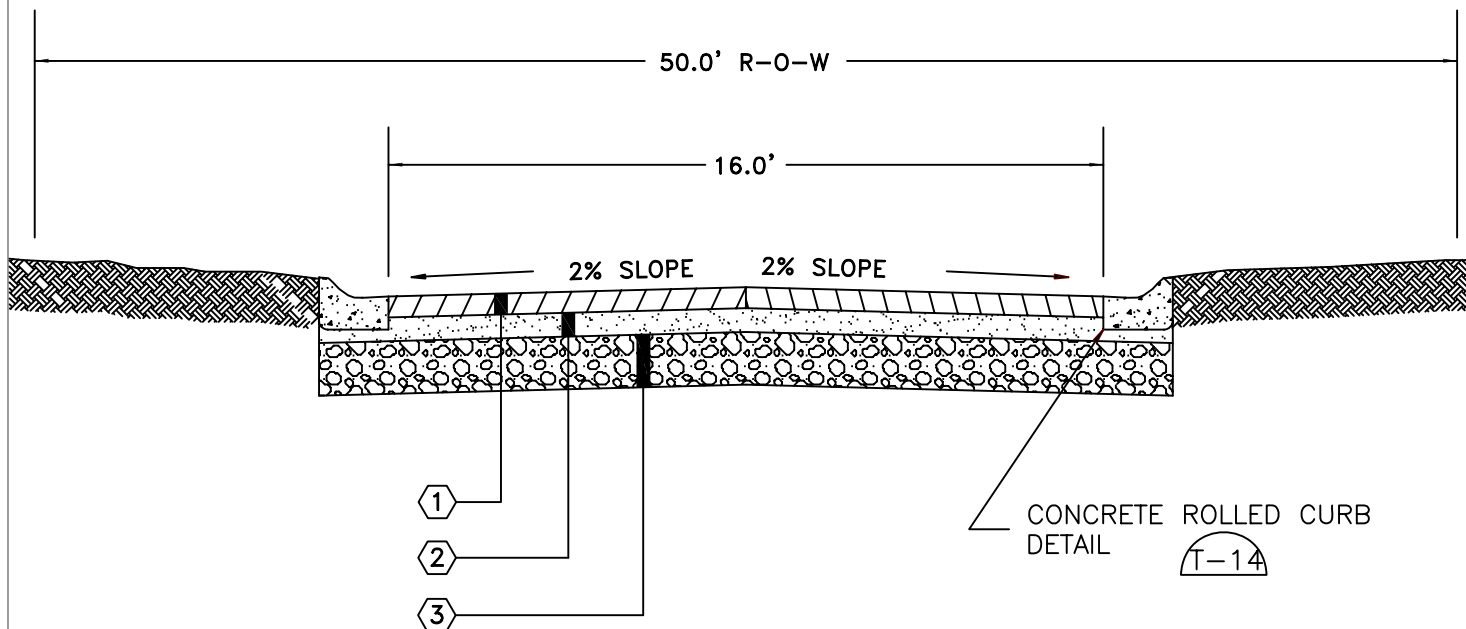
- (1) MAY BE REQUIRED OR SUBMITTED FOR CONSIDERATION FOR ONE OR MORE OF THE FOLLOWING SITUATIONS
  - NON-GRID STREET PATTERN OF > 20 HOMES SERVED.
  - STREETS WITH NO DRIVEWAYS OR ON-SITE PARKING.
  - DEVELOPED LOT FRONTAGE LESS THAN 60 FEET
- (2) PROVIDE TRAFFIC CALMING SUCH AS, PINCH POINTS, BULBS, POCKET PARKING OR TRAFFIC CIRCLES AT INTERSECTIONS.
  - SEE EXAMPLES IN APPENDIX 6E

Date: April 1997	No.	Date	Revision	By	Apvd	<h3 style="margin: 0;">Local Access Street</h3> <h3 style="margin: 0;">High Intensity / Density</h3>
Approved By:						Detail:                      T-8
File: E:\eng_std\standard\transpo						



# City of Port Townsend - Public Works Department

## Standard Detail



**Notes:**

(1) Use for:

- \*Grid or modified grid street patterns
- \*Where driveways and on-site parking are provided

(2) Traffic circles and diverters are encouraged to breakup the grid.

(3) Alternative curb options and drainage design may be considered depending on specific site conditions.

(4) Design may need to be modified for steep slopes.

Date: 7/18/95

**City of Port Townsend**  
181 Quincy Street, Suite 301  
Port Townsend, WA 98368

No.	Date	Revision	By	Apvd.

Local Access Street  
Minimum Standard

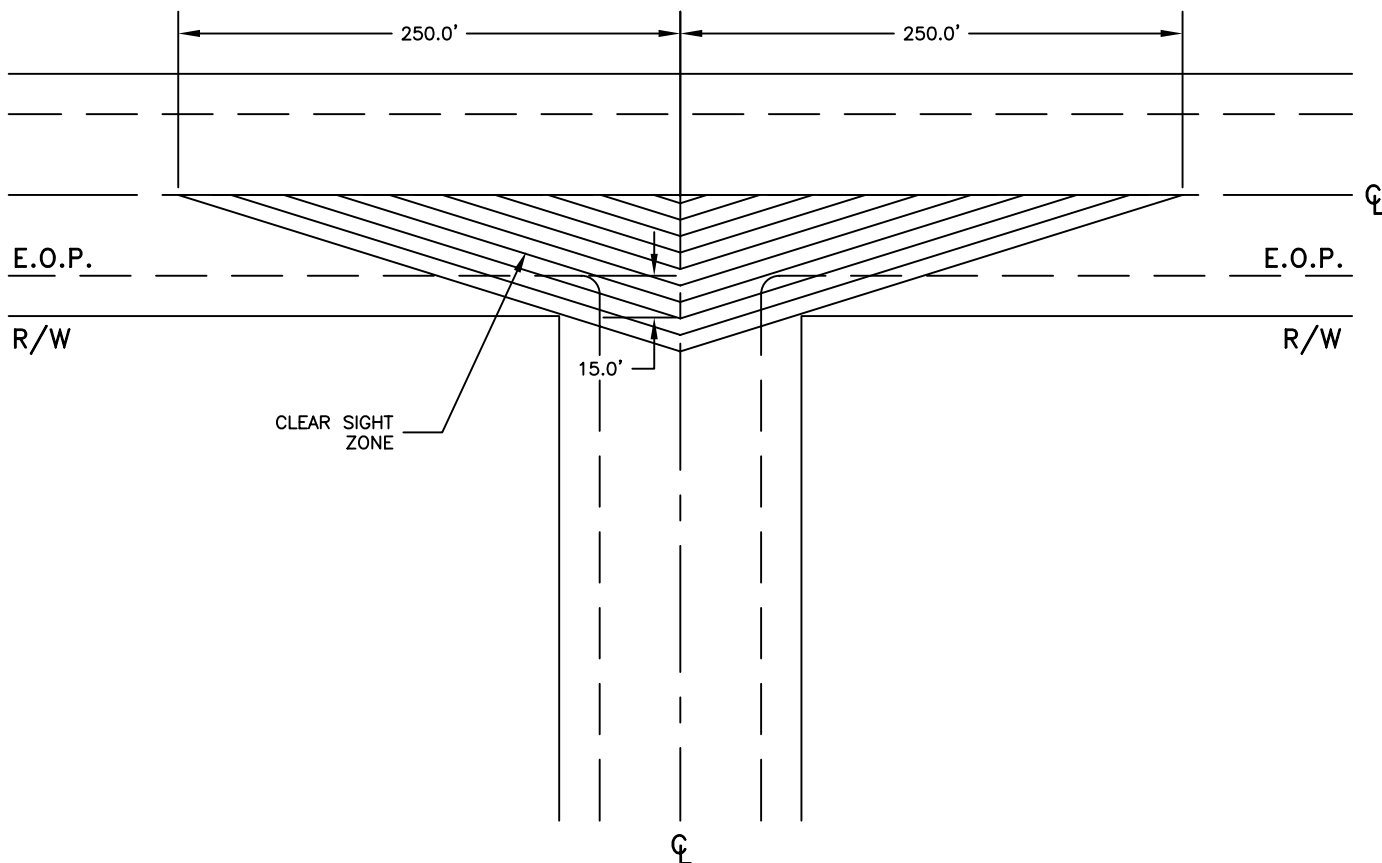
Detail: T-9



# City of Port Townsend - Public Works Department Standard Detail

## STOP OR YIELD CONTROLLED INTERSECTIONS

EXAMPLE: MAJOR STREET SPEED LIMIT = 25 M.P.H



Date: April 1997

No.	Date	Revision	By	Apvd
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Sight Obstruction

Approved By:

File: E:\eng\_std\standard\transpo

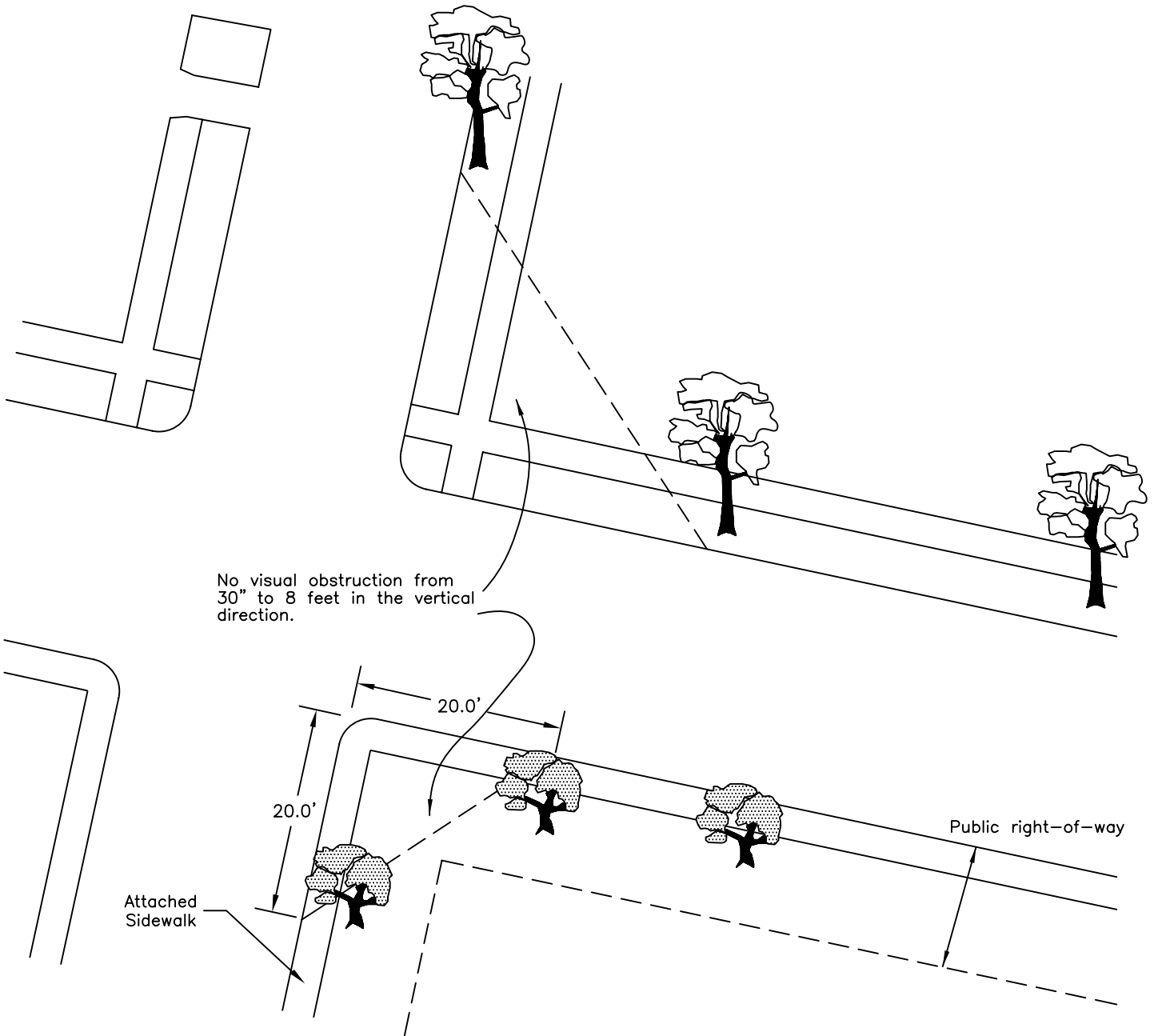
Detail:

T-11



# City of Port Townsend - Public Works Department

## Standard Detail



Date: April 1997

Approved By:

File: E:\eng\_std\standard\transpo

No.	Date	Revision	By	Apvd

Street Tree Spacing  
and Location Requirements

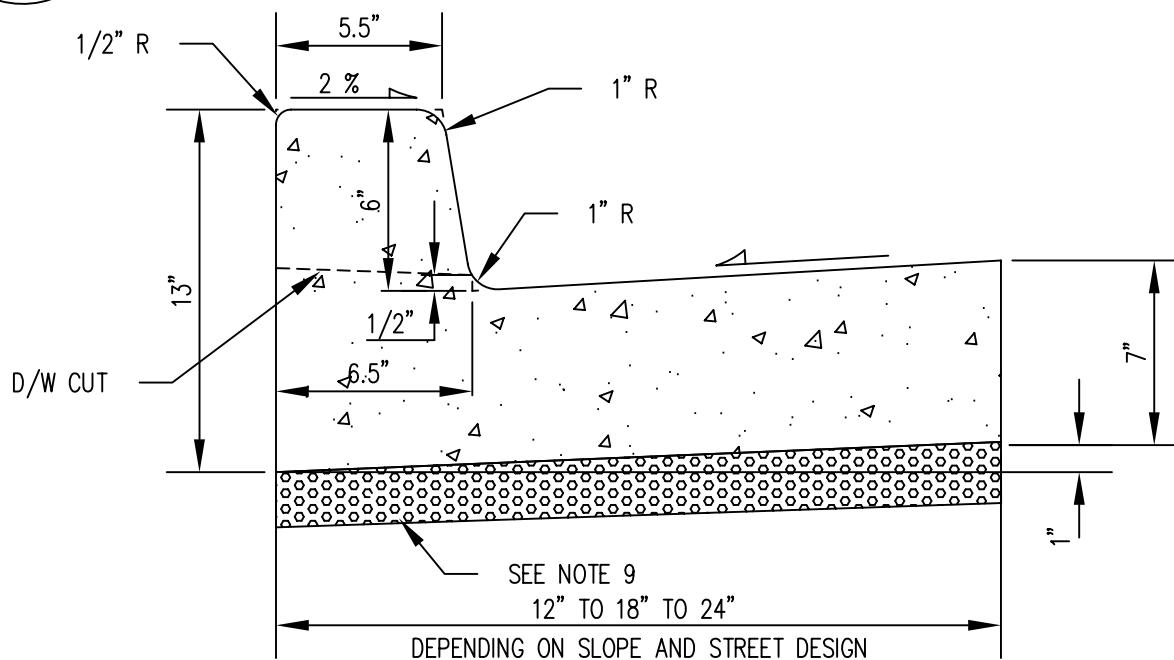
Detail:

T-12



# City of Port Townsend - Public Works Department

## Standard Detail



TYPICAL SECTION

### NOTES

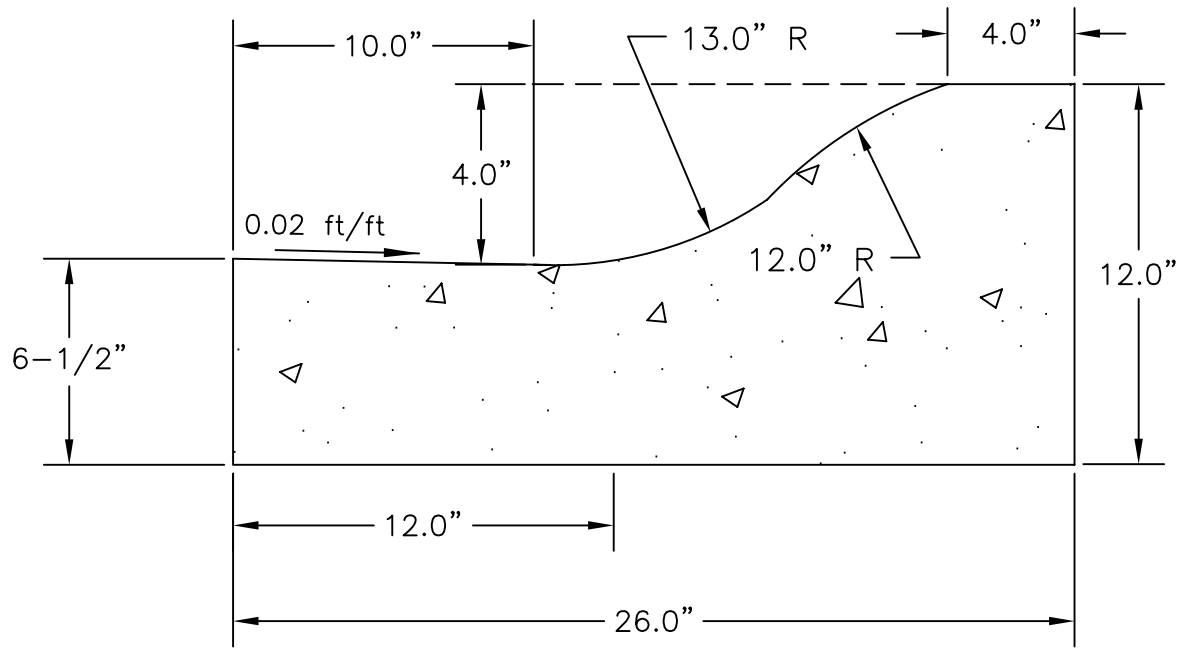
- 1 FORMS SHALL BE TRUE TO LINE AND GRADE AND SECURELY STAKED.
- 2 DUMMY JOINTS SHALL BE PLACED ON 15 FOOT CENTERS. DUMMY JOINTS SHALL BE 1/2" x 1-1/2".
- 3 THRU JOINTS SHALL BE PLACED ADJACENT TO CATCH BASINS, INLETS AND AT POINTS OF TANGENCY ON STREETS, ALLEY AND DRIVEWAY RETURNS. MAXIMUM SPACING SHALL BE 30 FT. PRE-MOLDED JOINT FILLER SHALL BE 1/2" WIDE AND CONFORM TO AASHTO DESIGN M213.
- 4 ALL JOINTS SHALL BE CLEAN AND EDGED.
- 5 CONCRETE SHALL BE CEMENT CONCRETE, CLASS 3000.
- 6 STEEL FORMS ONLY SHALL BE USED ON TANGENT SECTIONS. WOOD FORMS MAY BE USED ON CURVED SECTIONS.
- 7 FINISH SHALL BE LIGHT BROOM FINISH.
- 8 THE FINISHED CURB SHALL BE SPRAYED WITH A TRANSPARENT CURING COMPOUND AND COVERED BY WATERPROOF PAPER OR PLASTIC MEMBRANE IN THE EVENT OF RAIN OR OTHER UNSUITABLE WEATHER. CURING TIME SHALL BE A MINIMUM OF 72 HOURS.
- 9 ALL CURB AND GUTTER SHALL BE PLACED ON A MINIMUM OF 2" OF CRUSHED SURFACING TOP COURSE.
- 10 DUMMY JOINT 1/2" x 1-1/2" BETWEEN A-1 CURB AND GUTTER AND THE SIDEWALK.

Date: April 1996	<b>No.</b>	<b>Date</b>	<b>Revision</b>	<b>By</b>	<b>Apvd</b>	<b>Cement Concrete Curb and Gutter, Type "A-1"</b>  <b>Detail: T-13</b>
Approved By:						
File: E:\eng_std\standard\transpo						



# City of Port Townsend - Public Works Department

## Standard Detail



### ROLLED CURB AND GUTTER

**NOTES:**

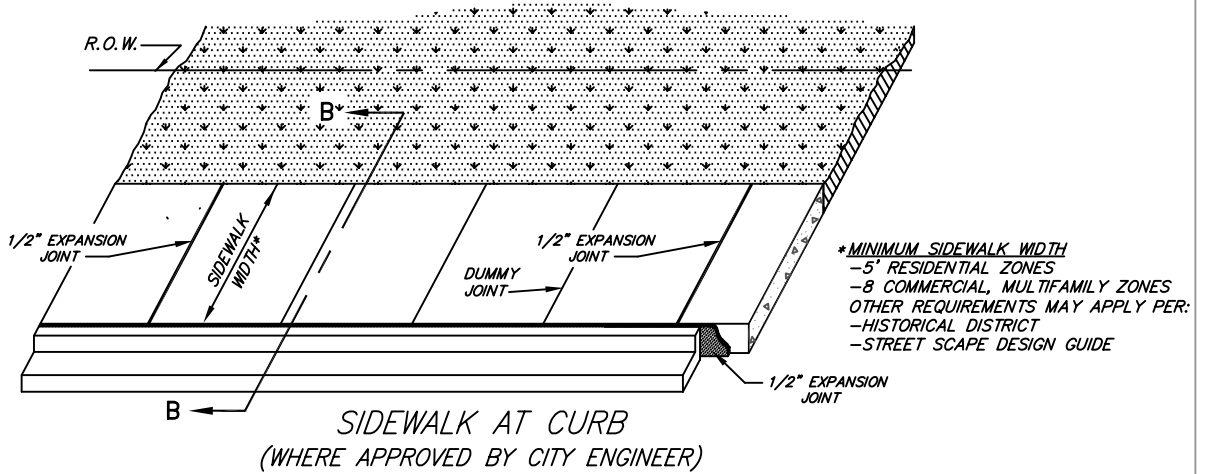
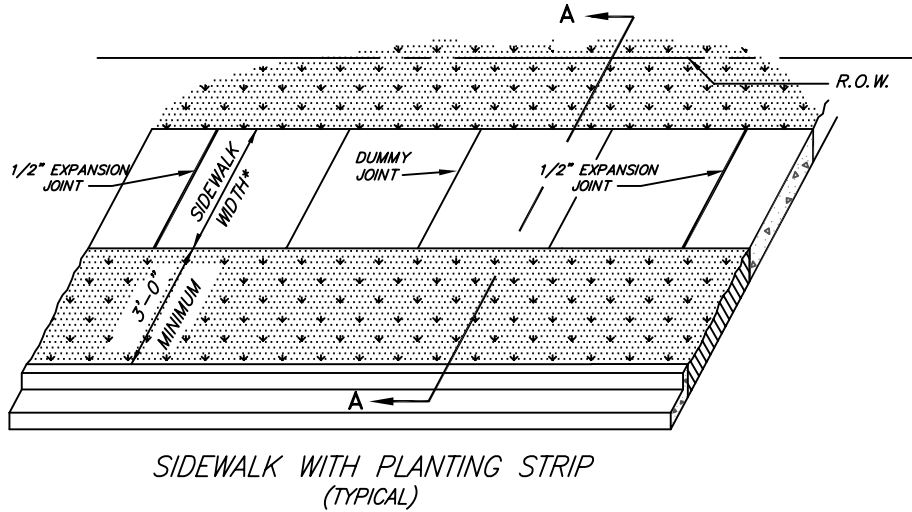
- 1) CONCRETE SHALL BE WSDOT CLASS 3000.

Date: April 1997	<b>No.</b>	<b>Date</b>	<b>Revision</b>	<b>By</b>	<b>Apvd</b>	<b>Rolled Curb Detail</b>
Approved By:						
File: E:\eng_std\standard\transpo						<b>Detail: T-14</b>

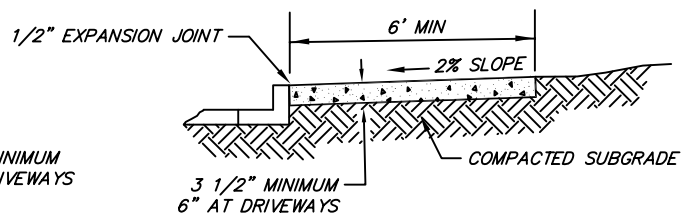
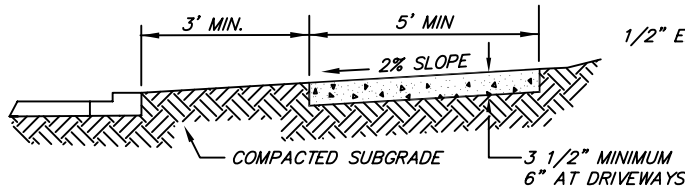


# City of Port Townsend - Public Works Department

## Standard Detail



**\*MINIMUM SIDEWALK WIDTH**  
 -5' RESIDENTIAL ZONES  
 -8' COMMERCIAL, MULTIFAMILY ZONES  
 OTHER REQUIREMENTS MAY APPLY PER:  
 -HISTORICAL DISTRICT  
 -STREET SCAPE DESIGN GUIDE



**NOTES:**

1. EXPANSION JOINTS SHALL BE ASPHALT IMPREGNATED JOINT MATERIAL.
2. EXPANSION JOINTS SHALL BE 1/2" THICK AND AT 20'-0" INTERVALS.
3. DUMMY JOINTS SHALL BE AT 5'-0" INTERVALS.
4. ALL UTILITY POLES, METER BOXES, ETC. IN SIDEWALK AREA SHALL HAVE 1/2" JOINT MATERIAL (FULL DEPTH) PLACED AROUND THEM BEFORE PLACING CONCRETE.
5. ALL JOINTS SHALL BE CLEAN AND EDGED.
6. NO EXPOSED AGGREGATE WORK SHALL BE DONE.
7. DRIVEWAY AND SIDEWALK SHALL BE SEPARATED FROM OTHER CONCRETE WORK USING EXPANSION MATERIAL.
8. CURB AND GUTTER SHALL NOT BE POURED INTEGRAL WITH DRIVEWAY.
9. CONCRETE SHALL BE CLASS 3000.

CALL FOR FORM INSPECTION BY CITY PRIOR TO POURING CONCRETE.

ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH CURRENT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION, WASHINGTON STATE DEPARTMENT OF TRANSPORTATION, AMERICAN PUBLIC WORKS ASSOCIATION.

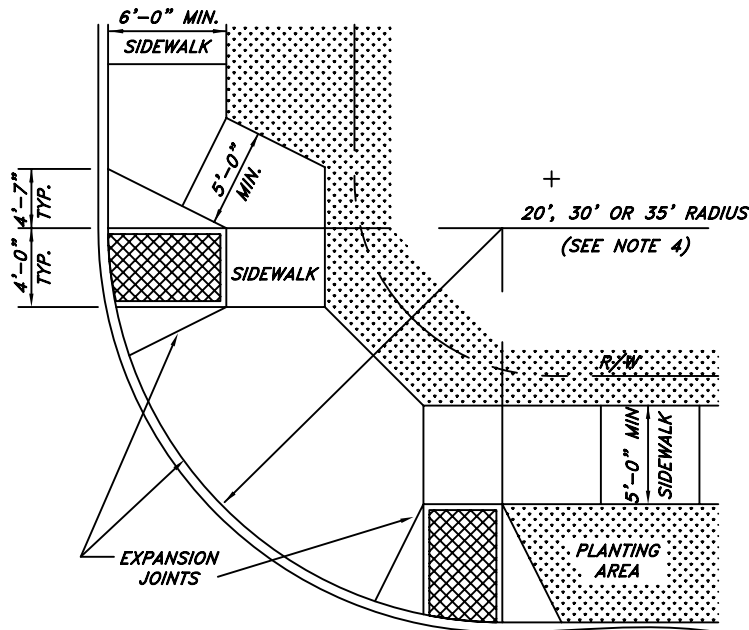
Date: April 1997	No.	Date	Revision	By	Apvd	<h3>Sidewalk Installation</h3>
Approved By:						
File: E:\eng_std\standard\transpo						



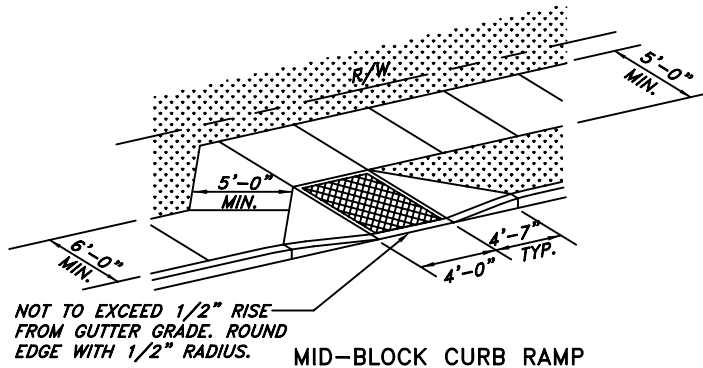


# City of Port Townsend - Public Works Department

## Standard Detail



CORNER CURB RAMPS



MID-BLOCK CURB RAMP

**NOTES:**

1. TEXTURING OF CENTER RAMP REQUIRED USING METAL GRID PLACED IN WET CONCRETE AND THEN REMOVED TO LEAVE RIDGED SURFACE PATTERN. PATTERN NOT TO EXCEED 1/2" GRID.
2. CURB RAMP CEMENT CONCRETE SHALL BE CLASS 3000, 3-1/2" THICK MINIMUM.
3. EXPANSION JOINTS SHALL BE 1/4" THICK, FULL DEPTH, ASPHALT IMPREGNATED JOINT MATERIAL.
4. STEEP STREET GRADES AND/OR CURVE RETURN RADII OF LESS THAN 20 FEET OR GREATER THAN 35 FEET, REQUIRE SPECIAL DESIGN CURB RAMPS TO BE APPROVED BY CITY ENGINEER.
5. SIDEWALK CROSS SLOPES NOT TO EXCEED 2%. CURB RAMP SLOPE TO BE 1:12 OR FLATTER.
6. SIDEWALK WIDTHS SHOWN ARE FOR RESIDENTIAL AREAS.

ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH CURRENT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION, WASHINGTON STATE DEPARTMENT OF TRANSPORTATION, AMERICAN PUBLIC WORKS ASSOCIATION.

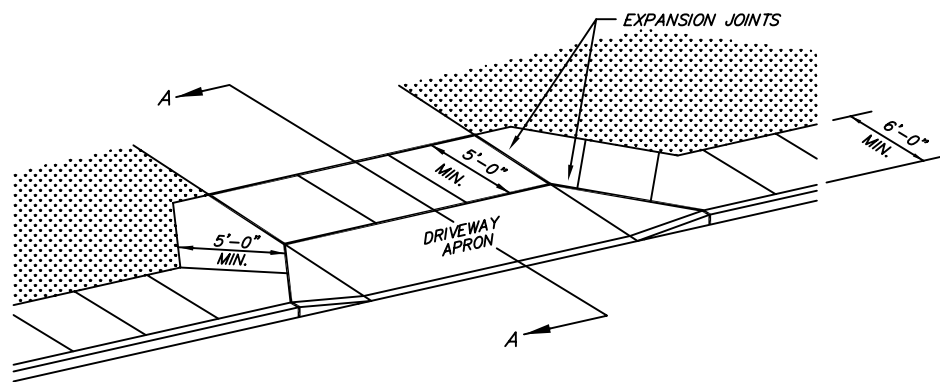
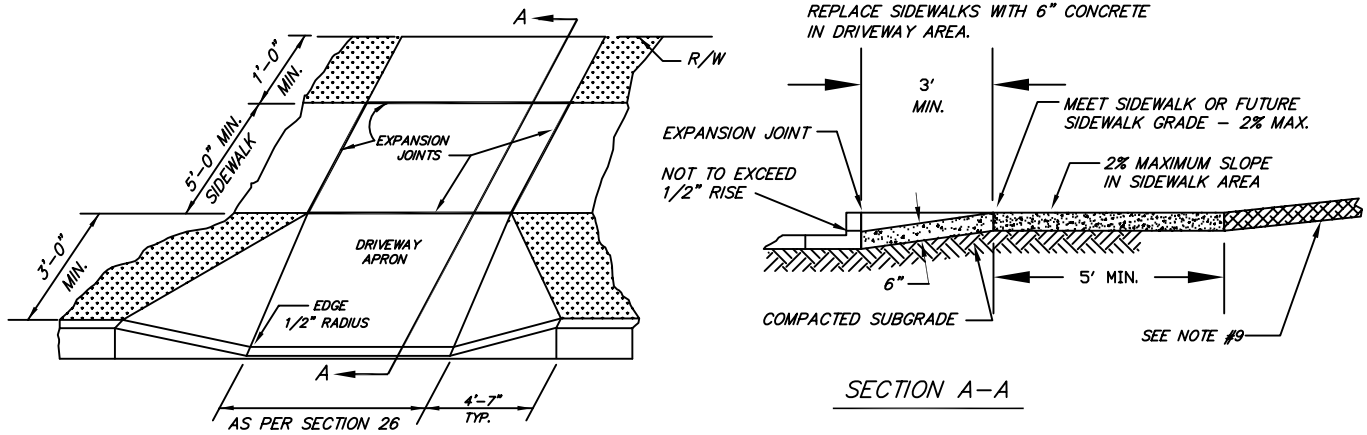
CALL FOR FORM INSPECTION BY CITY PRIOR TO POURING CONCRETE.

Date: April 1997	No.	Date	Revision	By	Apvd	Curb Ramps  Detail: T-16
Approved By:						
File: E:\eng_std\standard\transpo						



# City of Port Townsend - Public Works Department

## Standard Detail



DRIVEWAY BYPASS REQUIRED WHEN  
SIDEWALK IS AT CURB

**NOTES:**

1. DRIVEWAY LOCATION TO BE APPROVED BY CITY ENGINEER.
2. WHEN SIDEWALK IS NOT PRESENT, DRIVEWAY APPROACH SHALL BE CONSTRUCTED TO MEET FUTURE SIDEWALK GRADE.
3. SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% IN DRIVEWAY AND BYPASS AREAS.
4. DRIVEWAY APRON AND SIDEWALK SHALL BE CONCRETE AND SEPARATED FROM OTHER CONCRETE WORK USING EXPANSION JOINTS.
5. SIDEWALKS, CURB AND GUTTER PER CITY STANDARD PLANS.
6. EXPOSED AGGREGATE WORK OR SPECIAL SURFACE TREATMENT NOT ALLOWED IN RIGHT-OF-WAY WITHOUT APPROVAL.
7. LONGITUDINAL DUMMY JOINTS, 1/8" THICK AND 1" DEEP, SHALL BE AT INTERVALS NOT TO EXCEED 15 FEET AND BE EQUALLY SPACED IN DRIVEWAY APRONS.
8. CONCRETE SHALL BE CLASS 3000.
9. DRIVEWAY PAVING MATERIALS, OTHER THAN CONCRETE, MAY BE USED BETWEEN THE SIDEWALK AND THE R/W WITH CITY ENGINEER APPROVAL.
10. EXPANSION JOINTS SHALL BE 1/4" THICK, FULL DEPTH, ASPHALT IMPREGNATED JOINT MATERIAL.
11. SIDEWALK WIDTHS SHOWN ARE FOR RESIDENTIAL AREAS.

ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH CURRENT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION, WASHINGTON STATE DEPARTMENT OF TRANSPORTATION, AMERICAN PUBLIC WORKS ASSOCIATION.

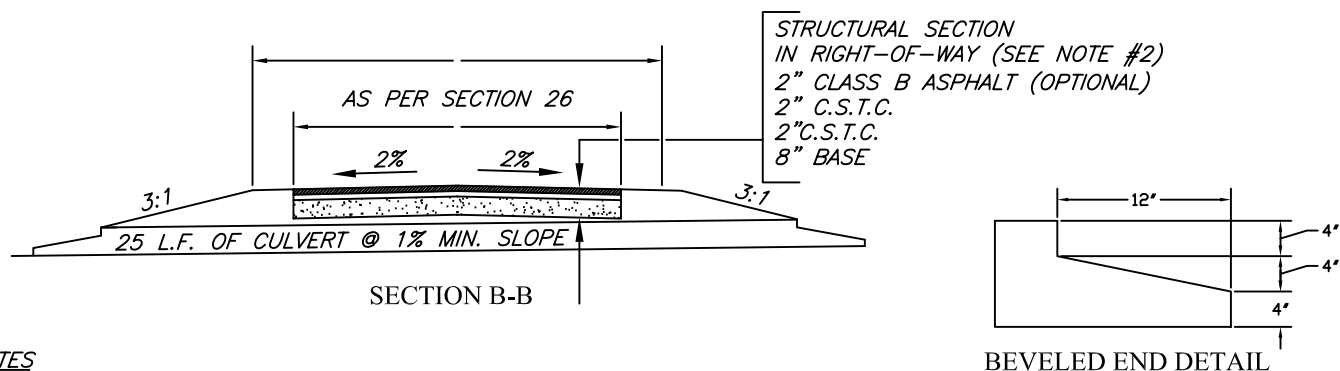
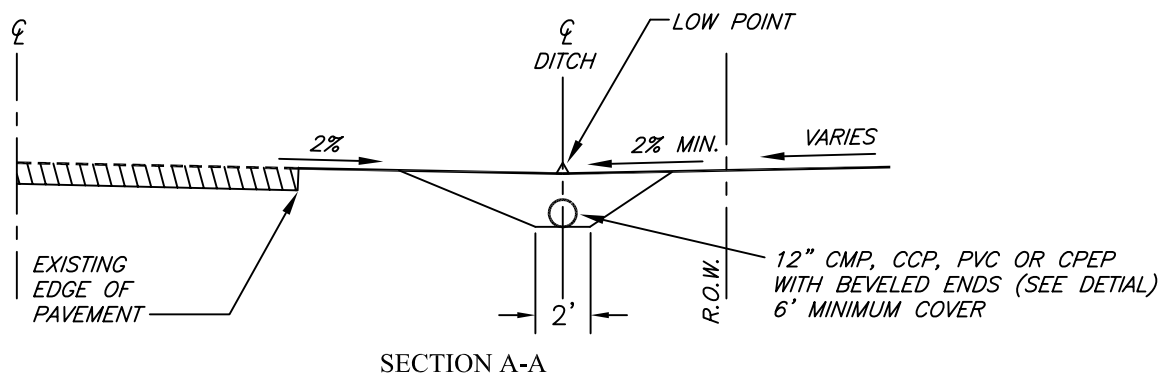
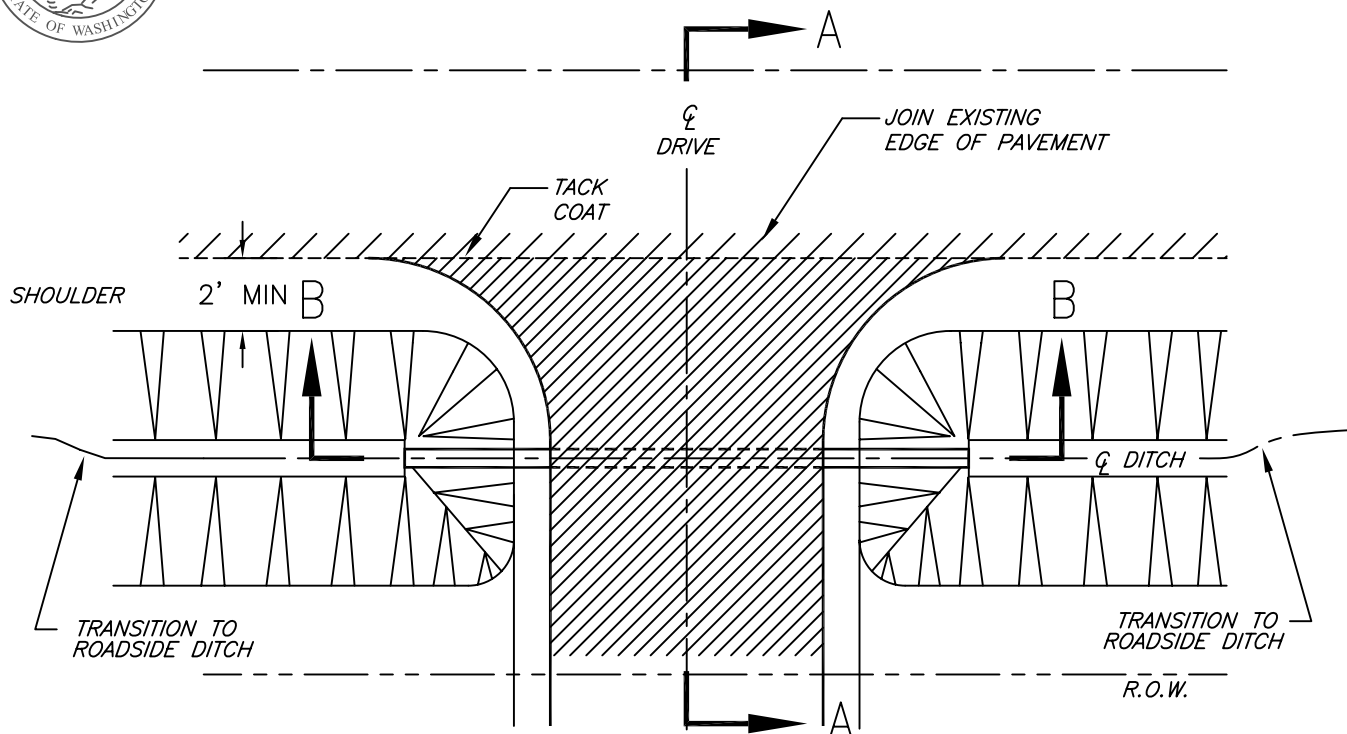
CALL FOR FORM INSPECTION BY CITY PRIOR TO POURING CONCRETE.

Date: April 1997	<b>No.</b>	<b>Date</b>	<b>Revision</b>	<b>By</b>	<b>Apvd</b>	<b>Driveway Installation</b>
Approved By:						
File: E:\eng_std\standard\transpo						



# City of Port Townsend - Public Works Department

## Standard Detail



BEVELED END DETAIL

**NOTES**

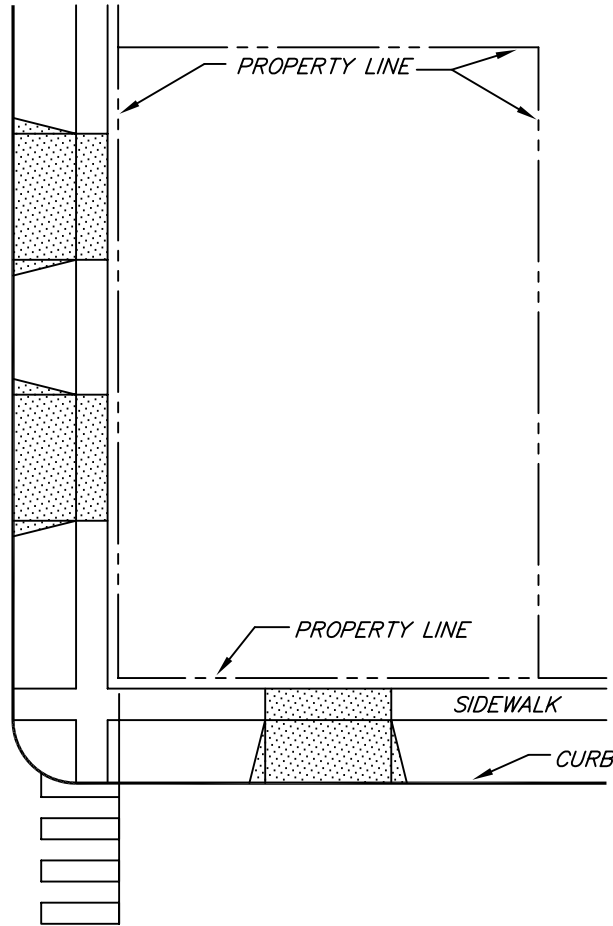
1. STREET DEVELOPMENT PERMIT REQUIRED.
2. 6" CONCRETE (PLAIN FINISH) MAY BE SUBSTITUTED.

Date: April 1997	No.	Date	Revision	By	Apvd	<h3 style="margin: 0;">Residential Driveway Approach with Culvert</h3> <p style="margin: 0;">Detail: T-19</p>
Approved By:						
File: E:\eng_std\standard\transpo						



# City of Port Townsend - Public Works Department

## Standard Detail



**NOTES:**

- ① ALLEY OR NON-ARTERIAL ACCESS IS ENCOURAGED WHERE POSSIBLE.
- ② DRIVEWAY SHALL BE LOCATED TO AVOID CONFLICT WITH POWER POLES, STREET LIGHTS, FIRE HYDRANTS OR SITUATIONS WHICH RESULT IN UNSAFE CONDITIONS.
- ③ DRIVEWAY WIDTHS AS SPECIFIED IN SECTION 26.
- ⑤ WHERE TWO OR MORE ADJOINING DRIVEWAYS ARE APPROVED FOR THE SAME PROPERTY, A FULL CURB HEIGHT SEPARATION BETWEEN EACH DRIVEWAY, OF NOT LESS THAN 15 FEET AT THE CURB, MUST BE PROVIDED.
- ⑥ DRIVEWAY APRONS SHALL NOT EXTEND INTO THE STREET FURTHER THAN THE FACE OF THE CURB.
- ⑦ DRIVEWAY SHALL BE LOCATED AWAY FROM INTERSECTION WHERE POSSIBLE AND IN ACCORDANCE WITH SECTION 26.
- ⑧ COMMERCIAL AND INDUSTRIAL DRIVEWAY LOCATIONS REQUIRE CITY ENGINEER APPROVAL AND SHALL BE SHOWN ON SITE PLAN WITH REQUIRED PARKING LAYOUT.
- ⑨ DRIVEWAYS THAT ARE ABANDONED OR RELOCATED SHALL BE REMOVED AND CURBING REPLACED TO FULL HEIGHT.

CALL FOR FORM INSPECTION BY CITY PRIOR TO POURING CONCRETE.

ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH CURRENT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION, WASHINGTON STATE DEPARTMENT OF TRANSPORTATION, AMERICAN PUBLIC WORKS ASSOCIATION.

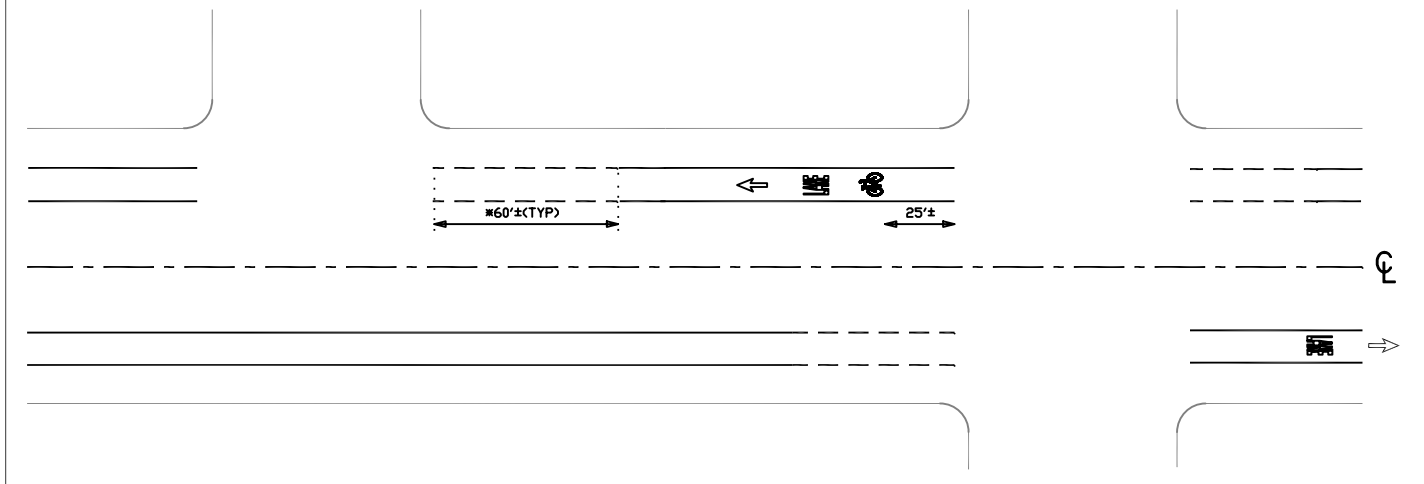
Date: April 1997	<b>No.</b>	<b>Date</b>	<b>Revision</b>	<b>By</b>	<b>Apvd</b>	<b>Driveway Location</b>
Approved By:						
File: E:\eng_std\standard\transpo						<b>Detail: T-20</b>



# City of Port Townsend - Public Works Department

## Standard Detail

TYPICAL INTERSECTION STRIPING DIMENSIONS  
FOR STREETS AND ON-STREET PARKING

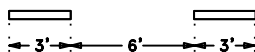


**NOTES:**

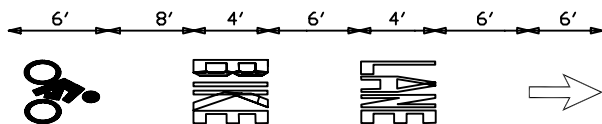
ALL STRIPING 4" WHITE

\*\* VARIES, DEPENDING ON VOLUME OF TURNING TRAFFIC

STRIPING DETAILS FOR DASHED LINES



PREFERRED BIKE LANE SYMBOL,  
AS PERMITTED BY 1993 WASHDOT MUTCD



**NOTES:**

STRIPING IS SHOWN FOR A GENERAL GUIDANCE ONLY  
FOR STREET AND INTERSECTION STRIPING FOR BIKE LANES

Date: April 1997

Approved By:

File: E:\eng\_std\standard\transpo

No.	Date	Revision	By	Apvd

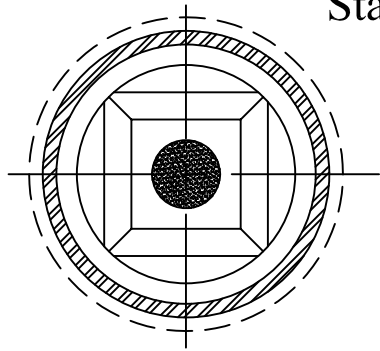
Bicycle Lane Striping  
General Guide

Detail: T-21

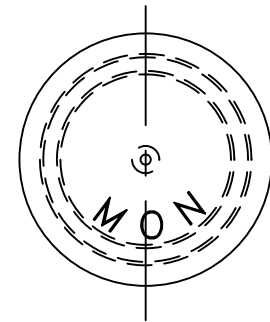


# City of Port Townsend - Public Works Department

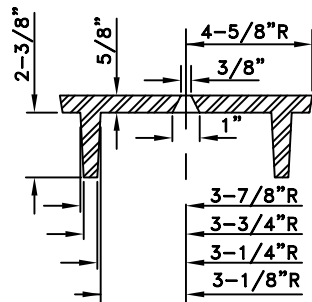
## Standard Detail



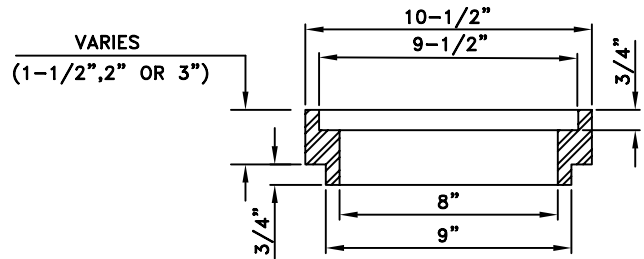
**PLAN**  
COVER REMOVED



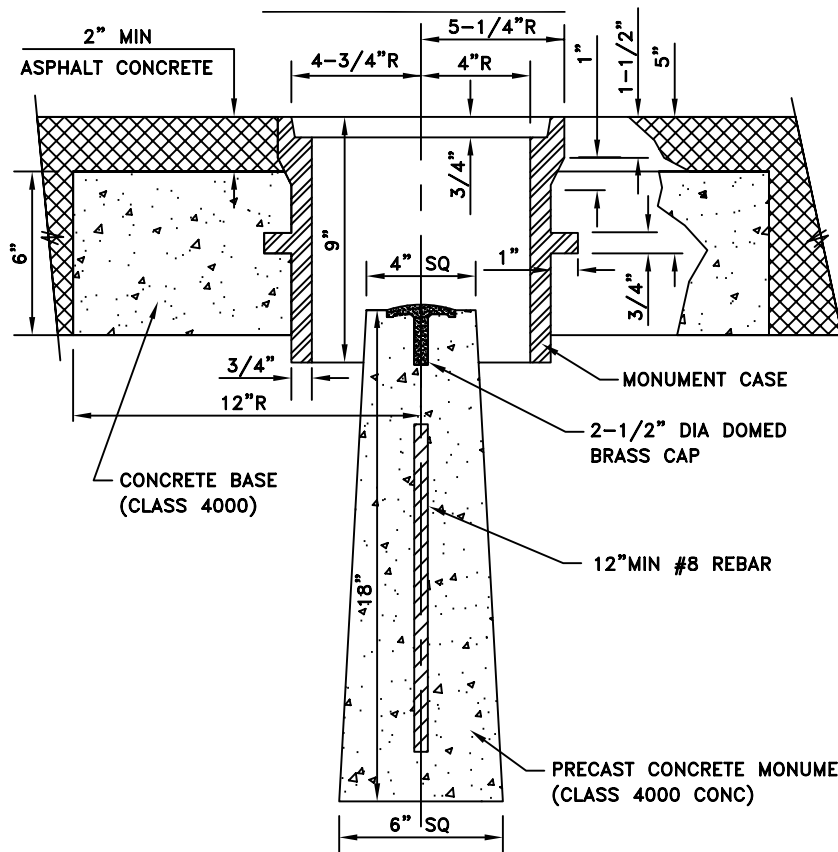
**COVER PLAN**



**COVER SECTION**



**EXTENSION SECTION**



**SECTION**

### NOTES

1. MONUMENTS IN NON PAVED AREAS SHALL BE 3" ABOVE GRADE.
2. ALL MONUMENTS SHALL BE PRECAST CONC WITH REBAR AND 2-1/2" DIA BRASS CAP.
3. MONUMENT CASE AND RISER SECTION SHALL BE CAST IRON PER ASTM-A48, CLASS 30, WITH BITUMINOUS COATING.
4. COVER SHALL BE DUCTILE IRON PER ASTM-A536, GRADE 80-55-06. WITH BITUMINOUS COATING.
5. LEGEND ON COVER SHALL BE 1/8" RAISED INTEGRALLY CAST LETTERS 1" HIGH WITH A MIN FACE WIDTH OF 3/16".

Date: April 1997

Approved By:

File: E:\eng\_std\standard\transpo

No.	Date	Revision	By	Apvd

Survey Monument

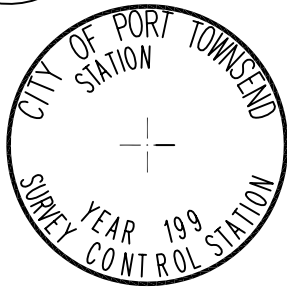
Detail:

T-22



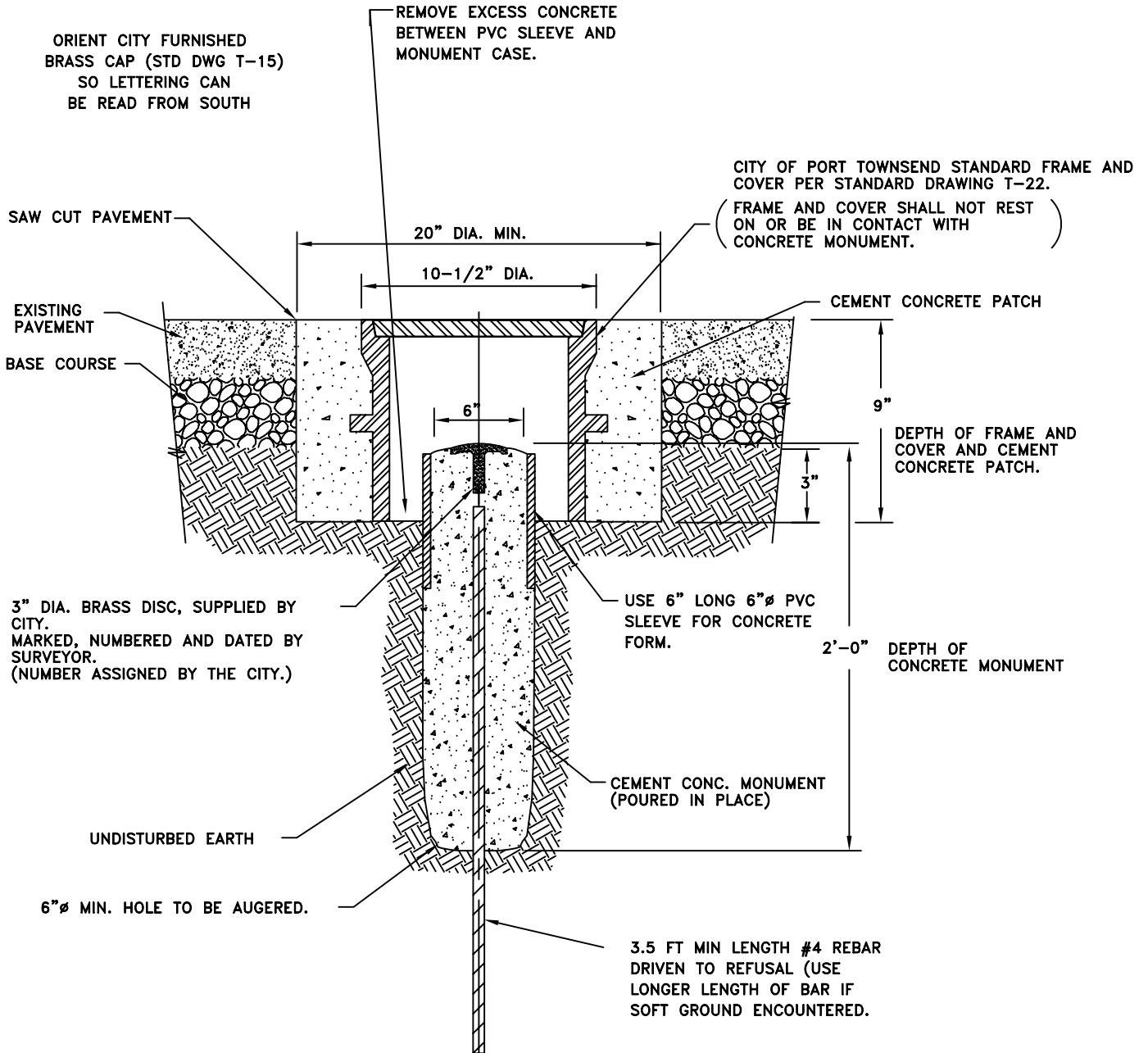
# City of Port Townsend - Public Works Department

## Standard Detail



### NOTES

THIS MONUMENT SHALL BE USED ONLY FOR CONTROL MONUMENTATION SURVEYS AT LOCATIONS AS APPROVED BY THE CITY SURVEYOR.



Date: April 1997

No.	Date	Revision	By	Apvd

Survey Control Monument

Approved By:

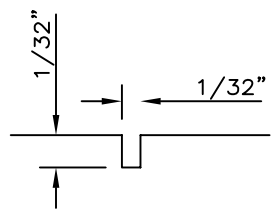
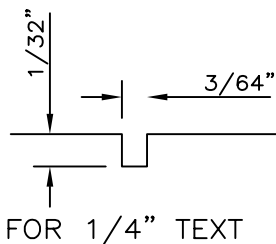
File: E:\eng\_std\standard\transpo

Detail: T-23

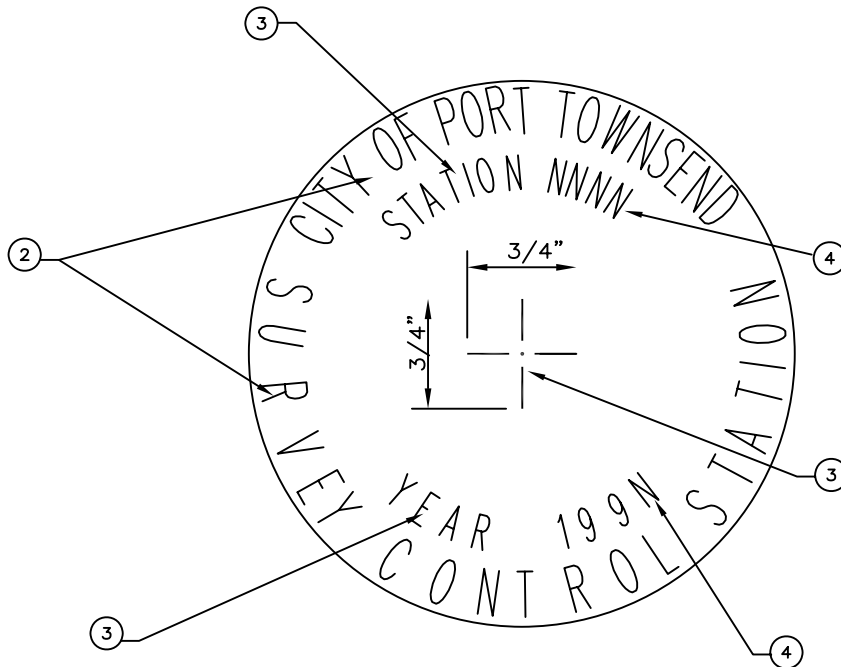


# City of Port Townsend - Public Works Department

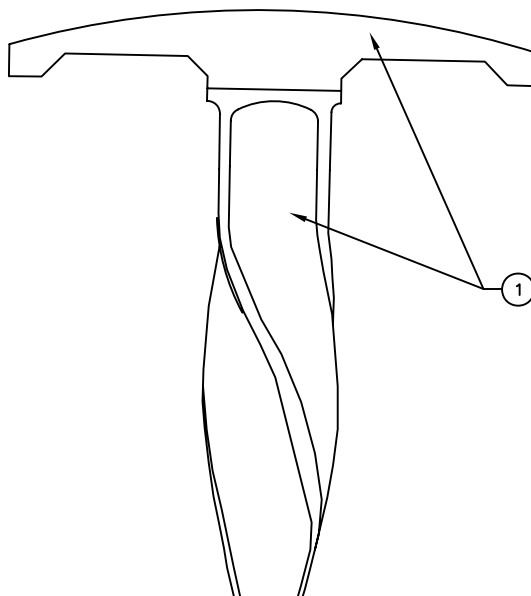
## Standard Detail



### GROOVE DETAIL



PLAN



ELEVATION

### NOTES:

- ① DIMENSIONS OF CASTING BASE & CAP PER WSDOT/APWA STANDARD PLAN H-6.
- ② GROOVE FOR 1/4" HIGH CAST LETTERING ON CAP SHALL BE 1/32 IN DEEP BY 3/64 IN WIDE.
- ③ GROOVE FOR 3/16" HIGH CAST LETTERING AND LINES ON CAP SHALL BE 1/32 IN DEEP BY 1/32 IN WIDE.
- ④ FIELD STAMPED LETTERS AND NUMBERS SHALL BE OF SUFFICIENT DEPTH AND WIDTH SO AS TO BE CLEARLY READABLE AND SHALL BE A MIN. OF 3/16 IN. HIGH.
- ⑤ THIS BRASS DISC SHALL ONLY BE USED FOR CONTROL MONUMENTATION PER STD DWG T-14 AND AS DIRECTED BY THE CITY SURVEYOR. BRASS DISC AND STATION NO SHALL BE SUPPLIED BY CITY SURVEYER.

Date: April 1997

Approved By:

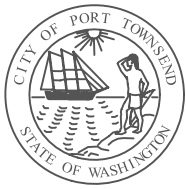
File: E:\eng\_std\standard\transpo

No.	Date	Revision	By	Apvd

**Survey Control Monument**  
3" Brass Disc

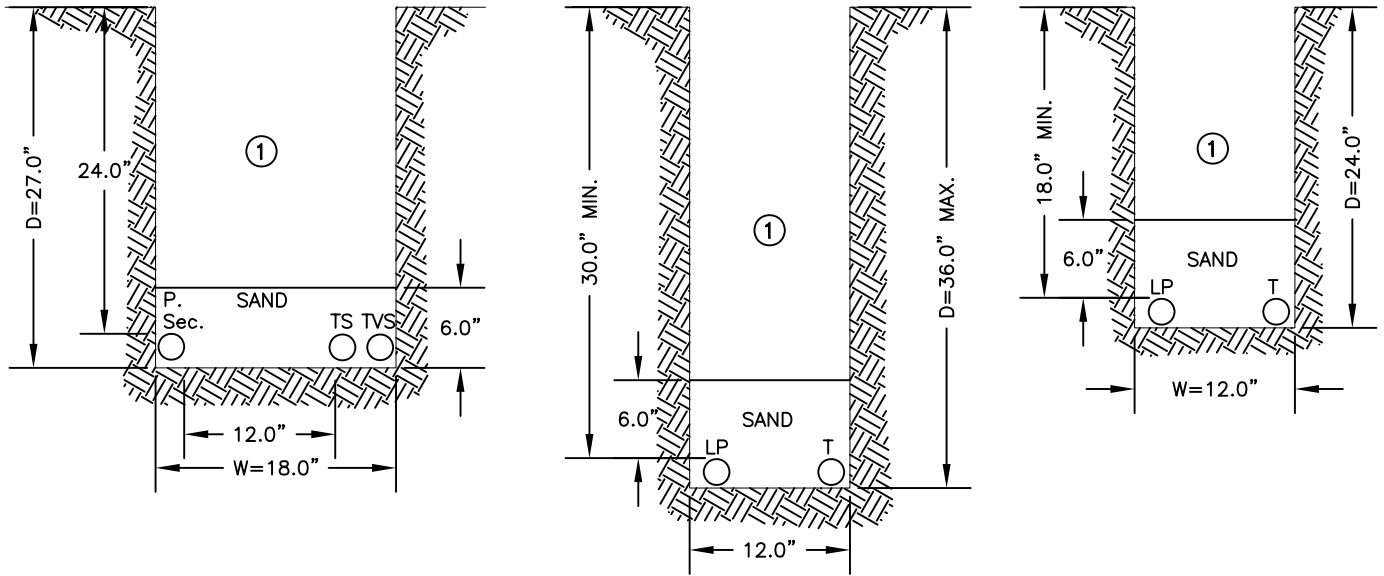
Detail: T-24





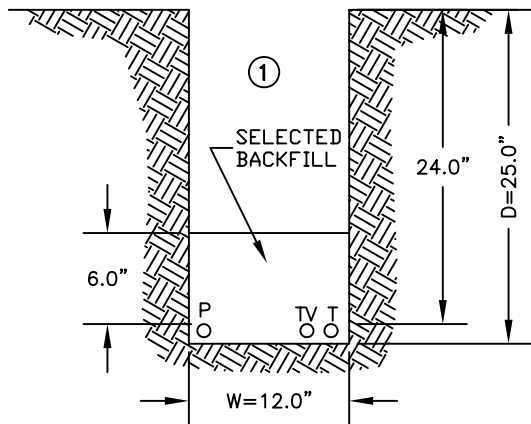
# City of Port Townsend - Public Works Department

## Standard Detail

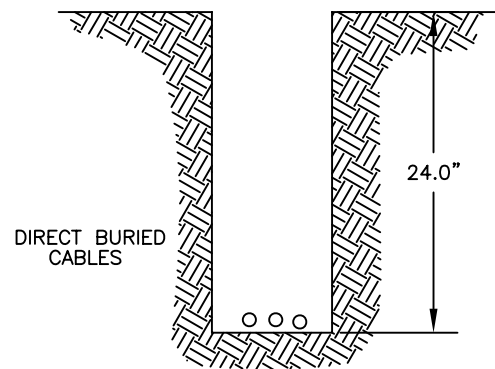


DIRECT BURIED CONDUIT

① =SELECTED OR IMPORTED BACKFILL PER APWA SECTION 61-6



DIRECT BURIED CABLES



PLOWED INSTALLATION

Date: April 1997

Approved By:

File: E:\eng\_std\standard\transpo

No.	Date	Revision	By	Apvd

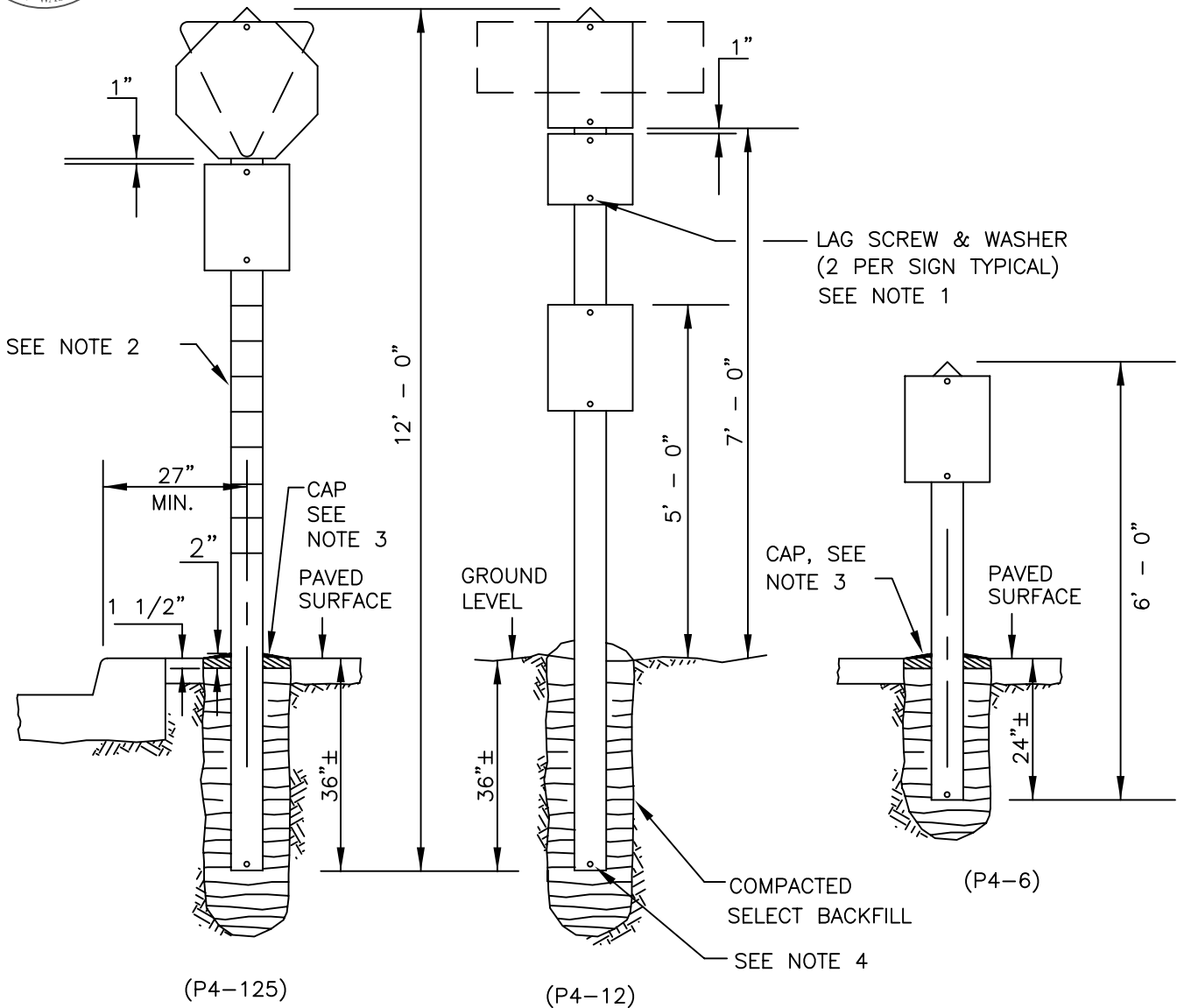
Joint Utility Trench Sec.  
for Secondary/Service Lines

Detail: T-25



# City of Port Townsend - Public Works Department

## Standard Detail



**NOTES:**

1. 3 1/4 X 5/16" GALVANIZED OR PLATED LOG SCREW & 3/18" I.D. X 1" O.D. NYLON WASHER.
2. CAP SHALL BE THE SAME MATERIAL AS THE SURROUNDING SURFACE.
3. INSTALL 300 GALV. COMMON SPIKE ON THE FACE SIDE OF POST EXCEPT WHEN CONCRETE PAVING EXISTS. SPIKE SHALL BE 8" ABOVE BOTTOM OF POST AND SHALL PROTRUDE 2" FROM POST.

Date: April 1997	No.	Date	Revision	By	Apvd	<h3 style="margin: 0;">Traffic Sign Installation</h3> <p style="font-size: 1.5em; margin: 10px 0 0 0;">Detail: T-26</p>
Approved By:						
File: E:\eng_std\standard\transpo						



# City of Port Townsend - Public Works Department

## Standard Detail

**FOR LOCAL AGENCY USE**

### TRAFFIC CONTROL PLAN

TRANSPORTATION BUREAU DEPARTMENT OF TRANSPORTATION  
STATE OF WASHINGTON

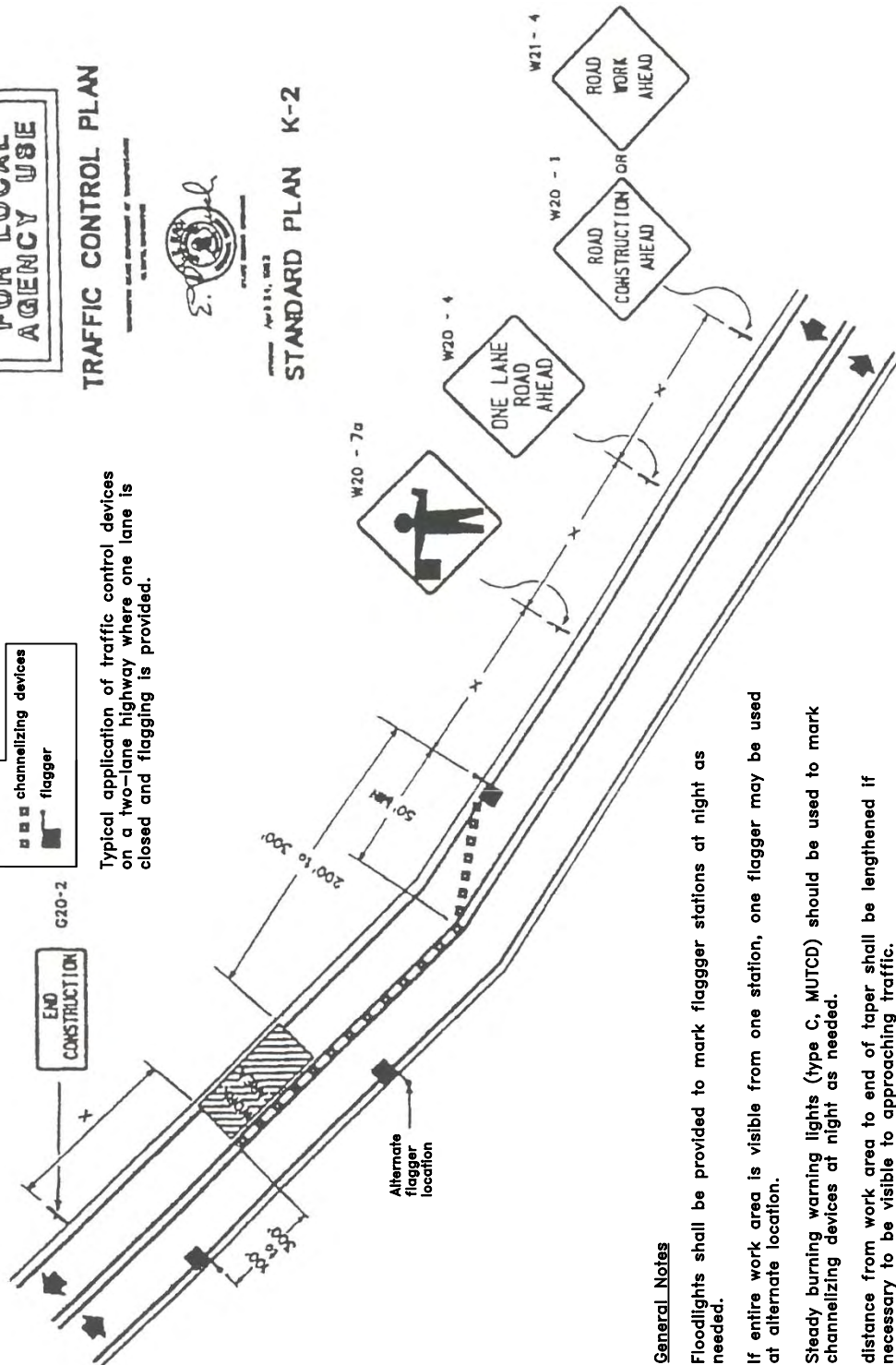


APR 3 1997, 08:23

### STANDARD PLAN K-2

**Legend**  
 □ □ □ channelizing devices  
 ■ flagger

Typical application of traffic control devices on a two-lane highway where one lane is closed and flagging is provided.



**General Notes**

Floodlights shall be provided to mark flagger stations at night as needed.

If entire work area is visible from one station, one flagger may be used at alternate location.

Steady burning warning lights (type C, MUTCD) should be used to mark channelizing devices at night as needed.

distance from work area to end of taper shall be lengthened if necessary to be visible to approaching traffic.

Sign sequence is the same for both directions of travel.

Sign Spacing - X (feet)	
Rural Roads	500
Urban Arterials	40/55 mph
Urban Streets Residential and Business Districts	25/35 mph
	250

Date	Revision	By
8-31-90	Revised sign spacing table, flagger dimension, added W21-4, and realigned	ABN
10-18-91	Deleted End Construction signs, added "For Local Agency Use"	ABN
4-24-92	Replaced End Construction sign, added distance from flagger to work area and alternate flagger location, revised notes	ABN

Date: April 1997

Approved By:

File: E:\eng\_std\standard\transpo

No.	Date	Revision	By	Apvd

Traffic Control Plan

Detail:

T-27