

DRAWING INDEX

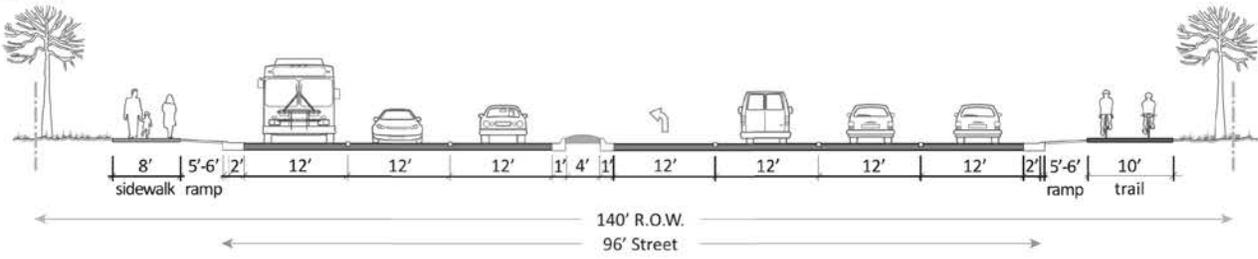
DRAWING TITLE	DRAWING NUMBER	NUMBER OF SHEETS
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N.T.S.

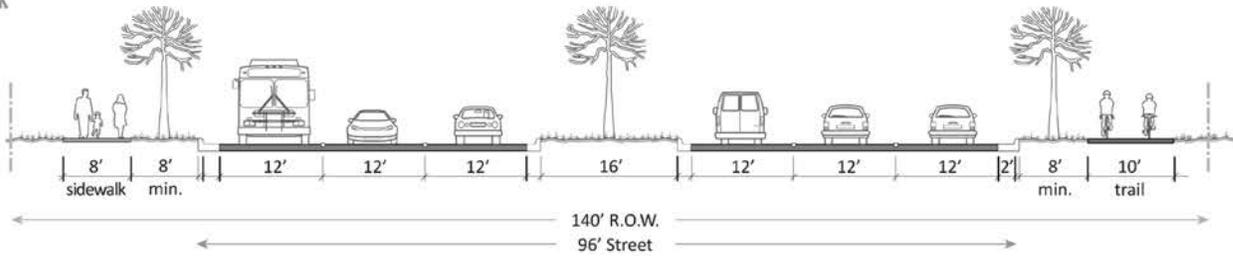
Issue Date: <div style="text-align: center;">9-18-2020</div>	DEPARTMENT OF PUBLIC WORKS STANDARDS AND SPECIFICATIONS SHEET INDEX 500	
Revised By: <div style="text-align: center;">JTM</div>		Drawing Number 500
Approved By: <div style="text-align: center;">CWM</div>		Sheet Number ----

MAJOR ARTERIALS

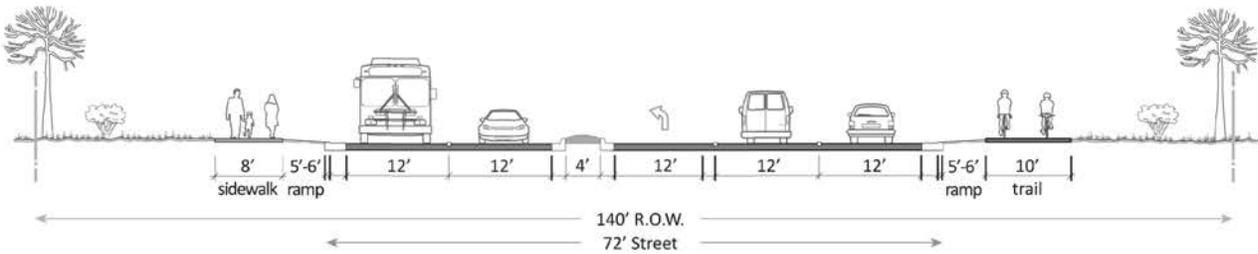
Option 1 - Build-Out Intersection



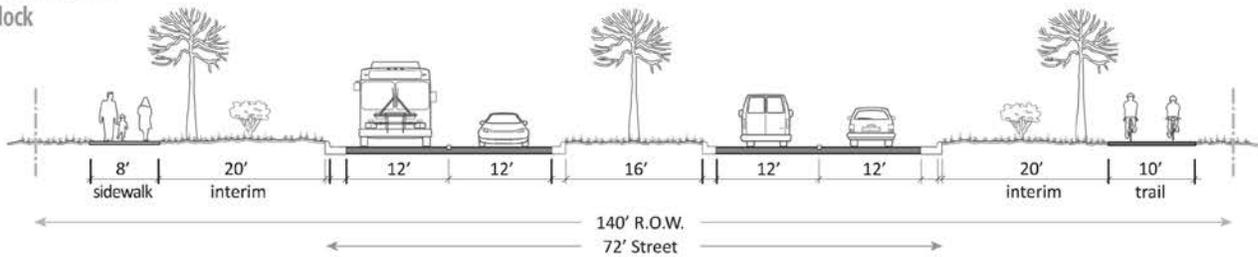
Option 2 - Build-Out Midblock



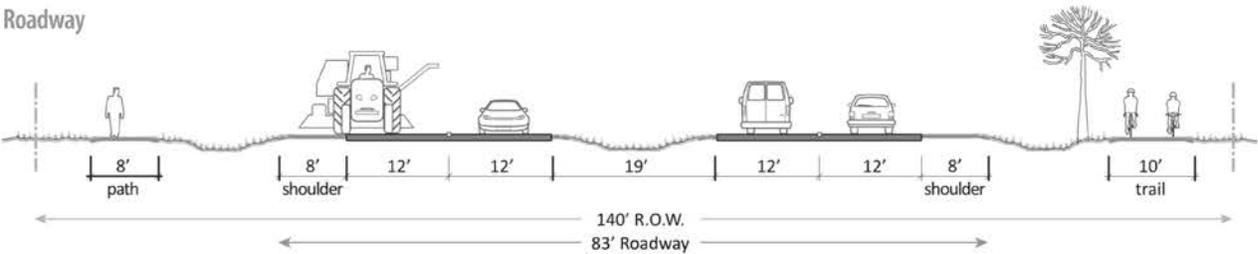
Option 3 - Interim Intersection



Option 4 - Interim Midblock



Option 5 - Interim Rural Roadway



N.T.S.

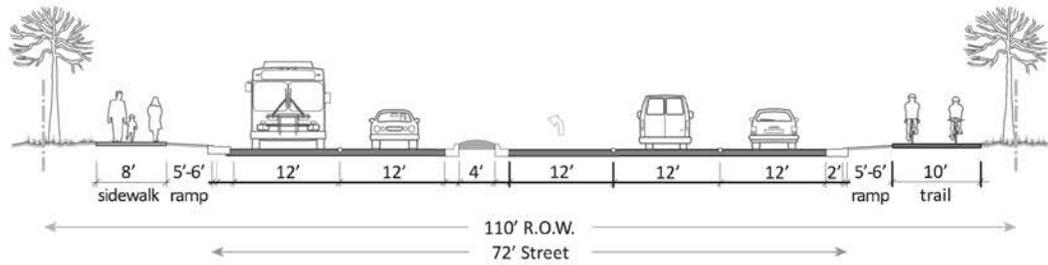
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DEPARTMENT OF PUBLIC WORKS
STANDARDS AND SPECIFICATIONS
MAJOR ARTERIAL SECTIONS

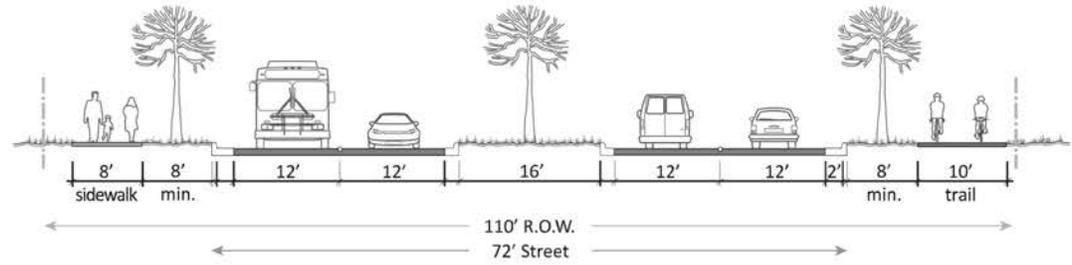


MINOR ARTERIALS

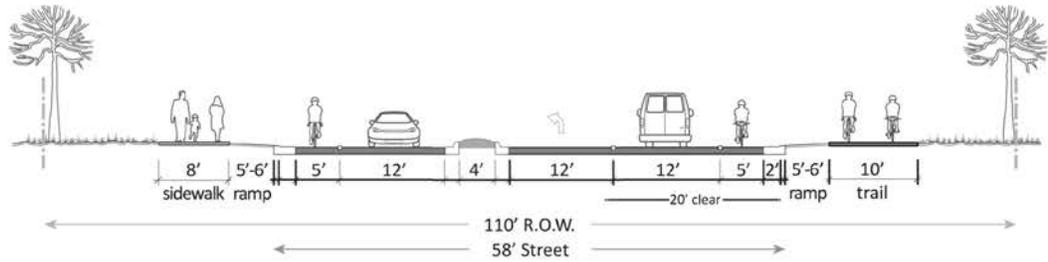
Option 1 - Build-Out Intersection



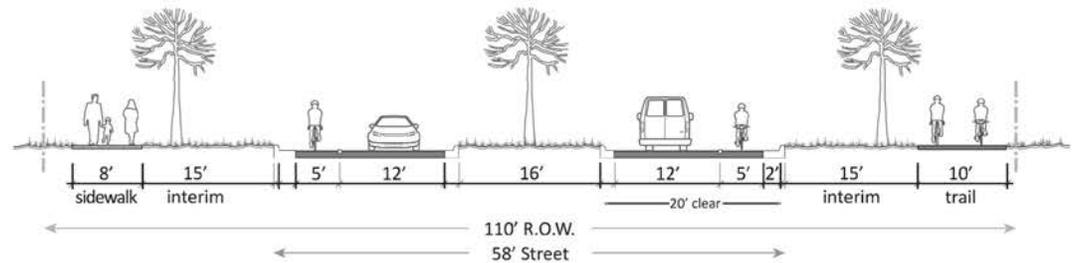
Option 2 - Build-Out Midblock



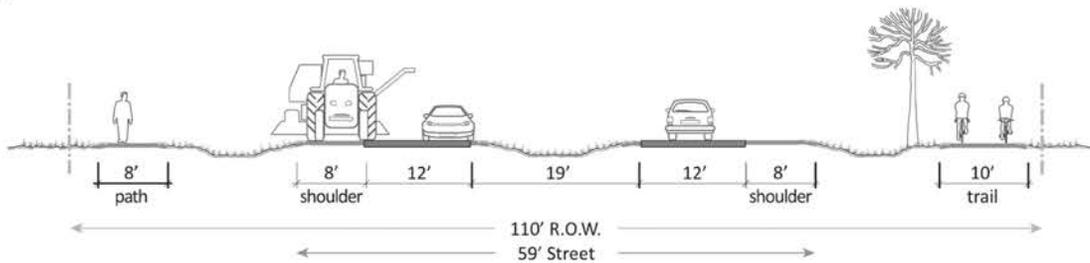
Option 3 - Interim Intersection



Option 4 - Interim Midblock



Option 5 - Interim Rural Roadway



N.T.S.

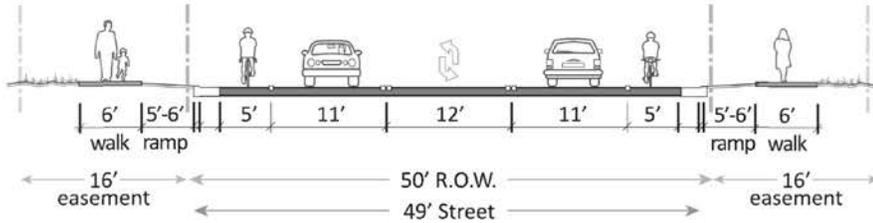
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DEPARTMENT OF PUBLIC WORKS
STANDARDS AND SPECIFICATIONS
MINOR ARTERIAL SECTIONS

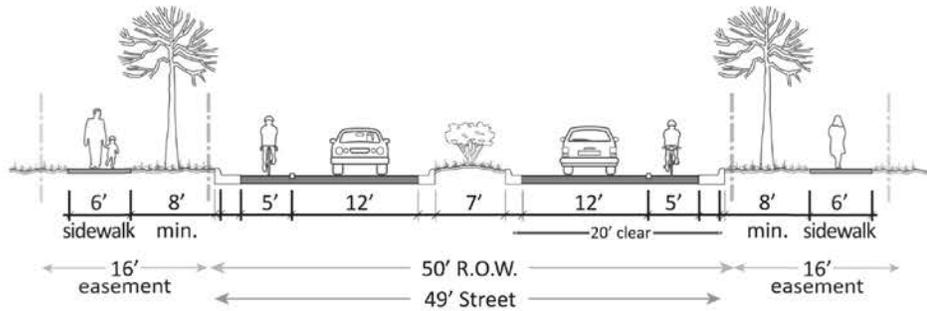


COLLECTORS

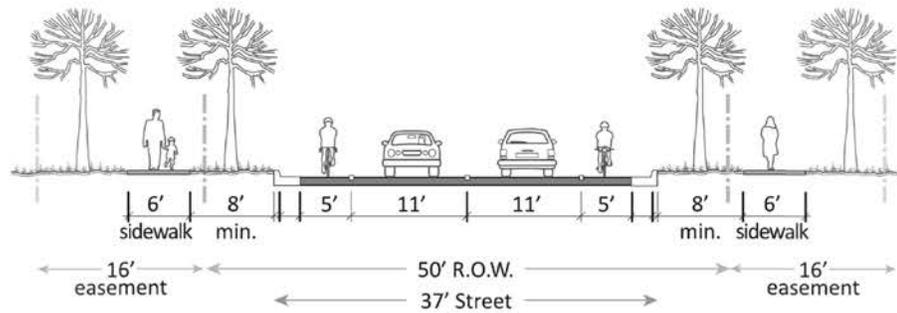
Option 1 Intersection



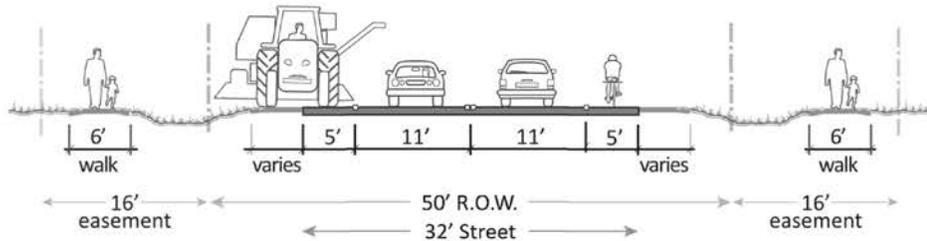
Option 2 Midblock



Option 3 Midblock



Option 4 Rural Roadway



N.T.S.

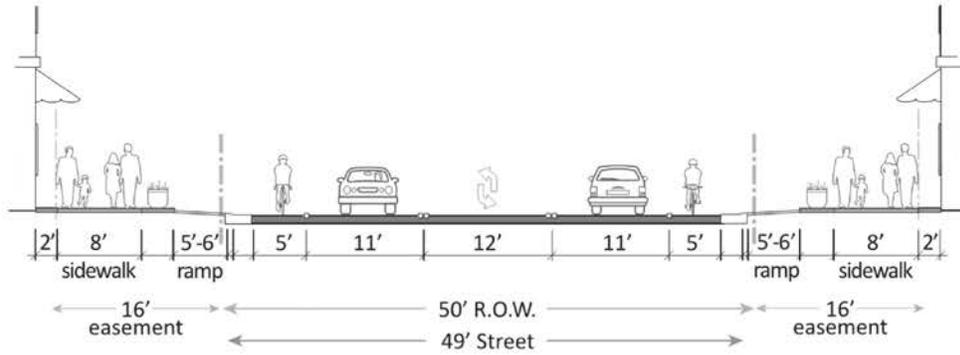
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STANDARDS AND SPECIFICATIONS
COLLECTOR SECTIONS**

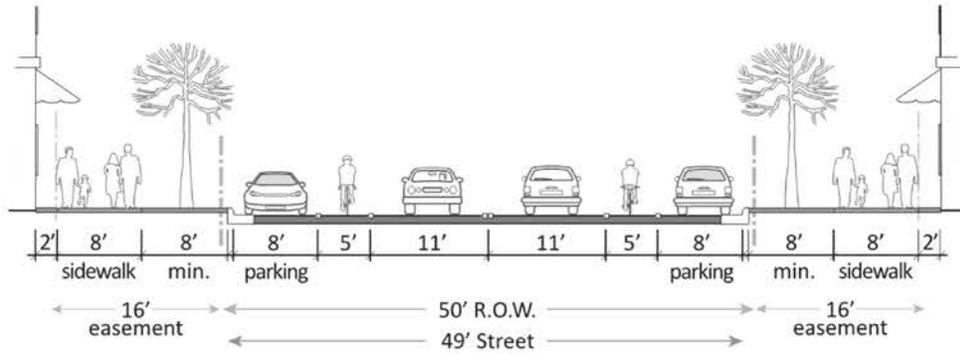


COLLECTORS

Option 5
Mixed-Use
Intersection



Option 6
Mixed-Use
Midblock



N.T.S.

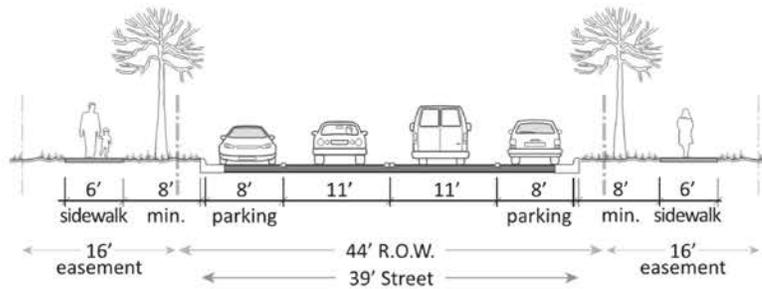
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STANDARDS AND SPECIFICATIONS
COLLECTOR SECTIONS**

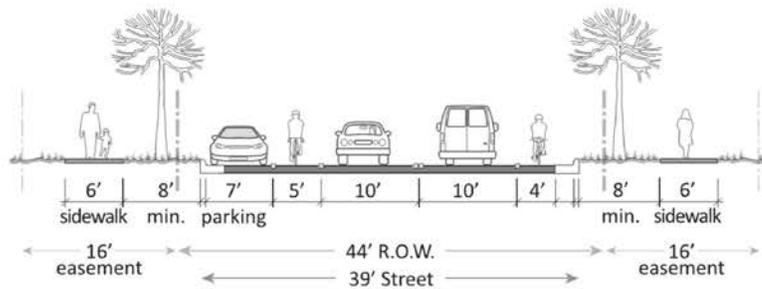


NEIGHBORHOOD CONNECTORS

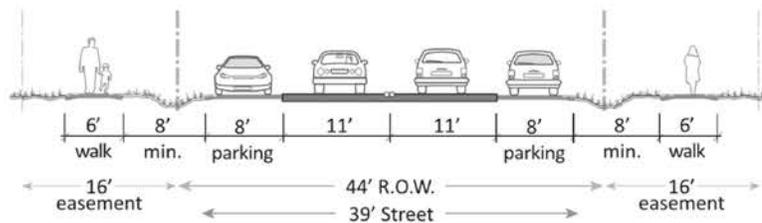
Option 1
Typical



Option 2
Bicycle Lanes



Option 3
Rural



N.T.S.

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**DEPARTMENT OF PUBLIC WORKS
STANDARDS AND SPECIFICATIONS**

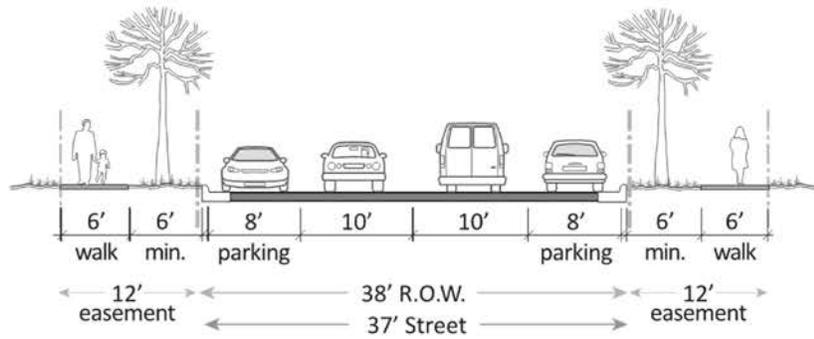
NEIGHBORHOOD CONNECTOR SECTIONS



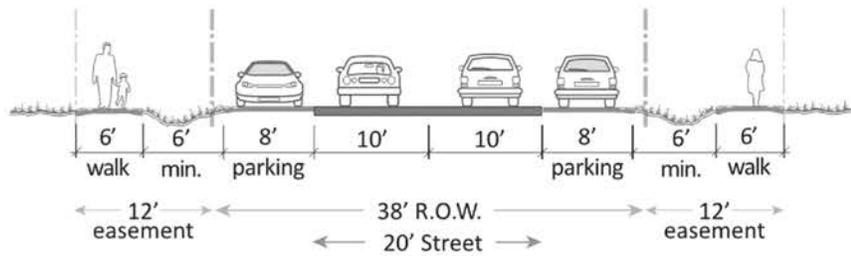
Drawing Number 500-4 | Sheet Number 1 of 1

LOCAL STREETS

Option 1
Typical



Option 2
Rural

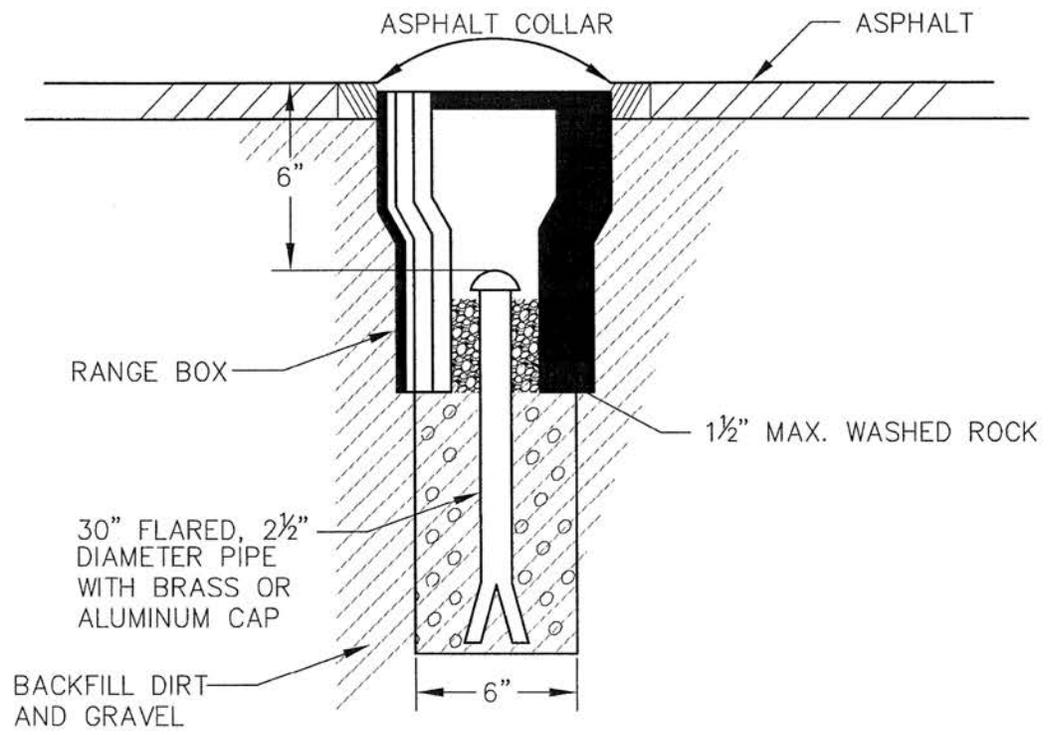
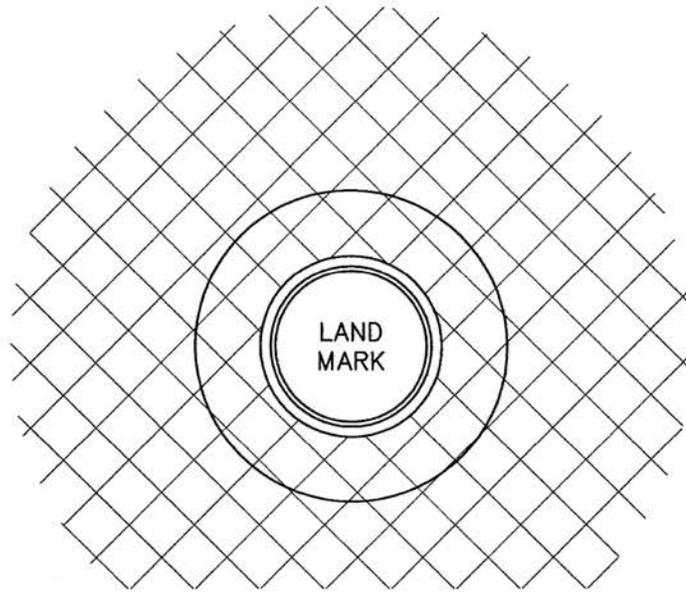


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**DEPARTMENT OF PUBLIC WORKS
STANDARDS AND SPECIFICATIONS
LOCAL STREET SECTIONS**





SPECIFICATION DRAWING FOR SECTION CORNER IN RANGE BOX

N.T.S.

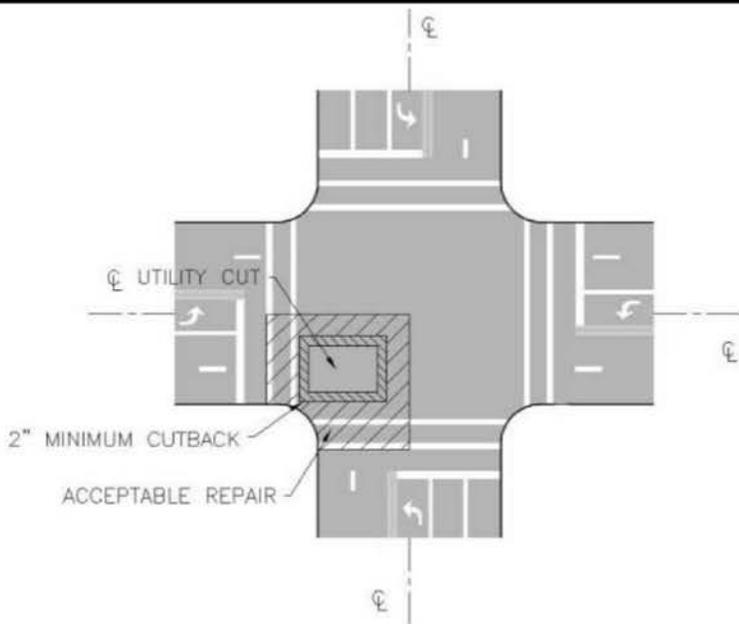
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**DEPARTMENT OF PUBLIC WORKS
STANDARDS AND SPECIFICATIONS
SURVEY MONUMENT RANGE BOX**

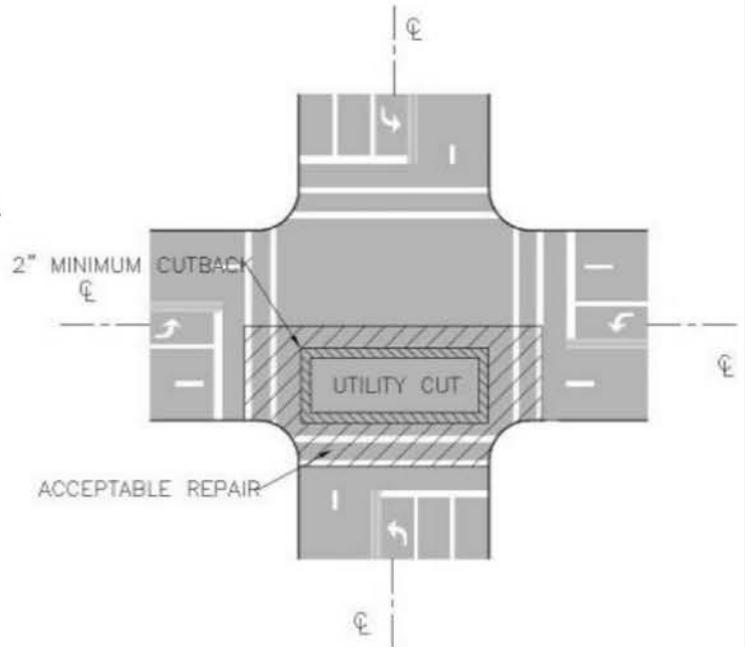


Brighton

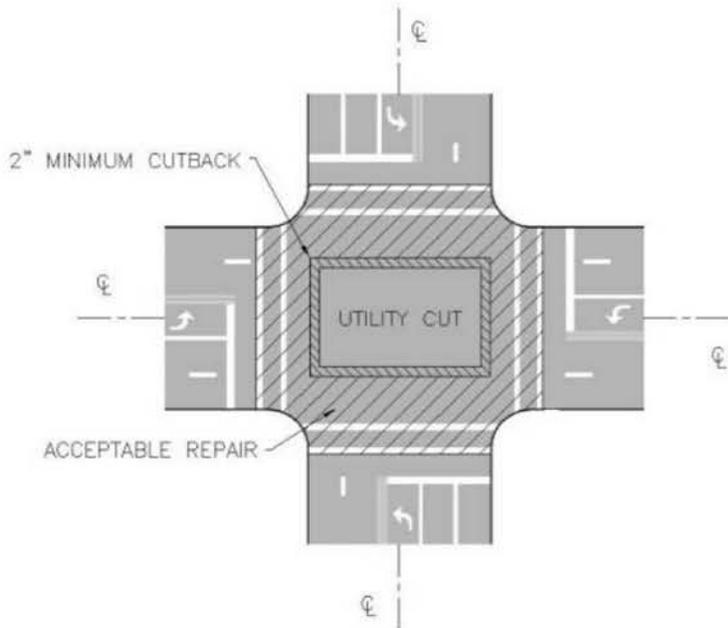
Drawing Number 500-6	Sheet Number 1 of 1
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UTILITY CUT CONTAINED IN ONE QUARTER OF INTERSECTION



UTILITY CUT CONTAINED IN ONE HALF OF INTERSECTION



UTILITY CUT CONTAINED IN MORE THAN HALF OF INTERSECTION

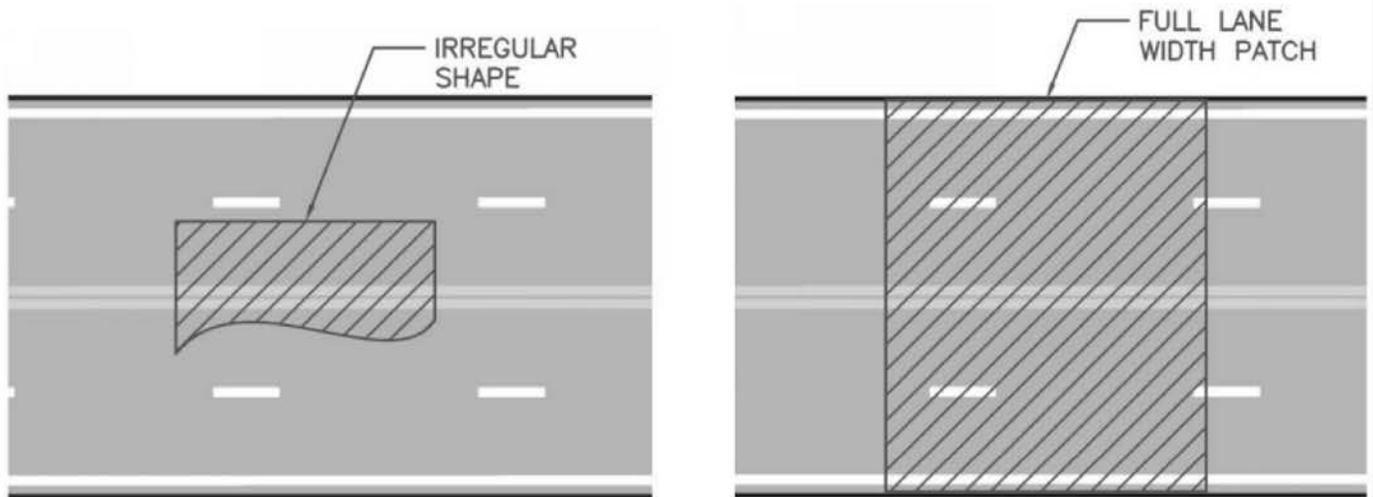
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**DEPARTMENT OF PUBLIC WORKS
STANDARDS AND SPECIFICATIONS
ASPHALT PATCHING**



Existing pavements should be removed to clean, straight lines parallel and perpendicular to the flow of traffic. Do not construct patches with angled sides and irregular shapes. All repairs should be full lane width.

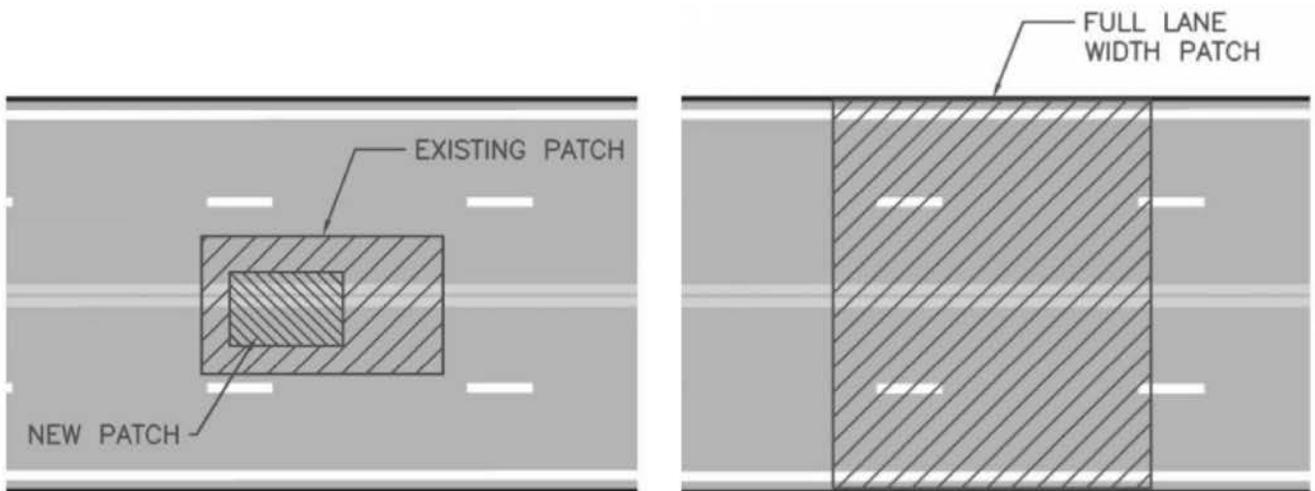


NOT ACCEPTABLE

ACCEPTABLE

EXAMPLE 1

Avoid patches within existing patches. If this cannot be avoided, make the boundaries of the patches coincide. All repairs should be full lane width.



NOT ACCEPTABLE

ACCEPTABLE

EXAMPLE 2

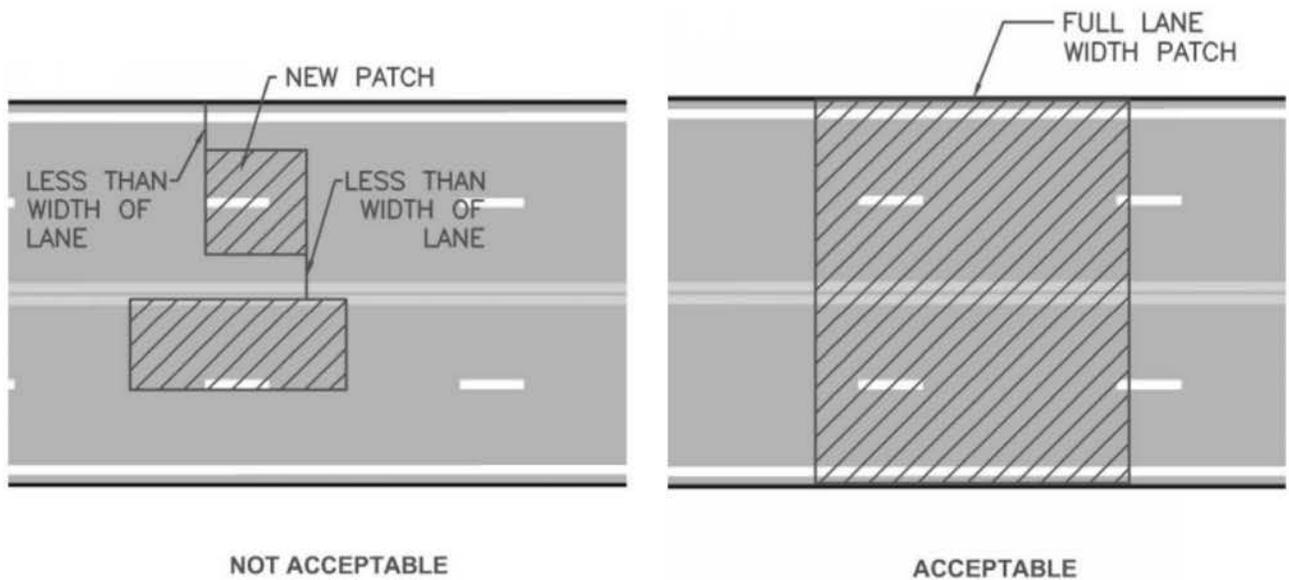
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**DEPARTMENT OF PUBLIC WORKS
STANDARDS AND SPECIFICATIONS
ASPHALT PATCHING**

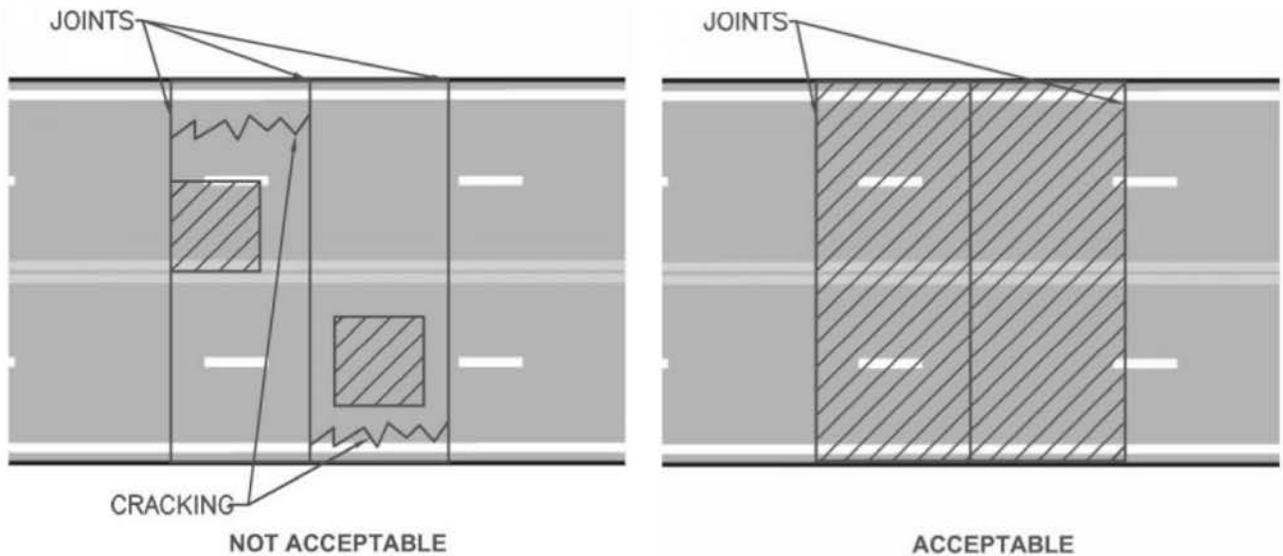


Do not leave strips of pavement less than one-half lane in width from the edge of the new patch to the edge of an existing patch or the lip of the gutter.



EXAMPLE 3

In concrete pavements, remove sections to existing joints, or new saw cut joints at mid-slab, that is in good repair. In damaged concrete, the limits of removal should be determined in the field by a representative of the Engineering Division.



EXAMPLE 4

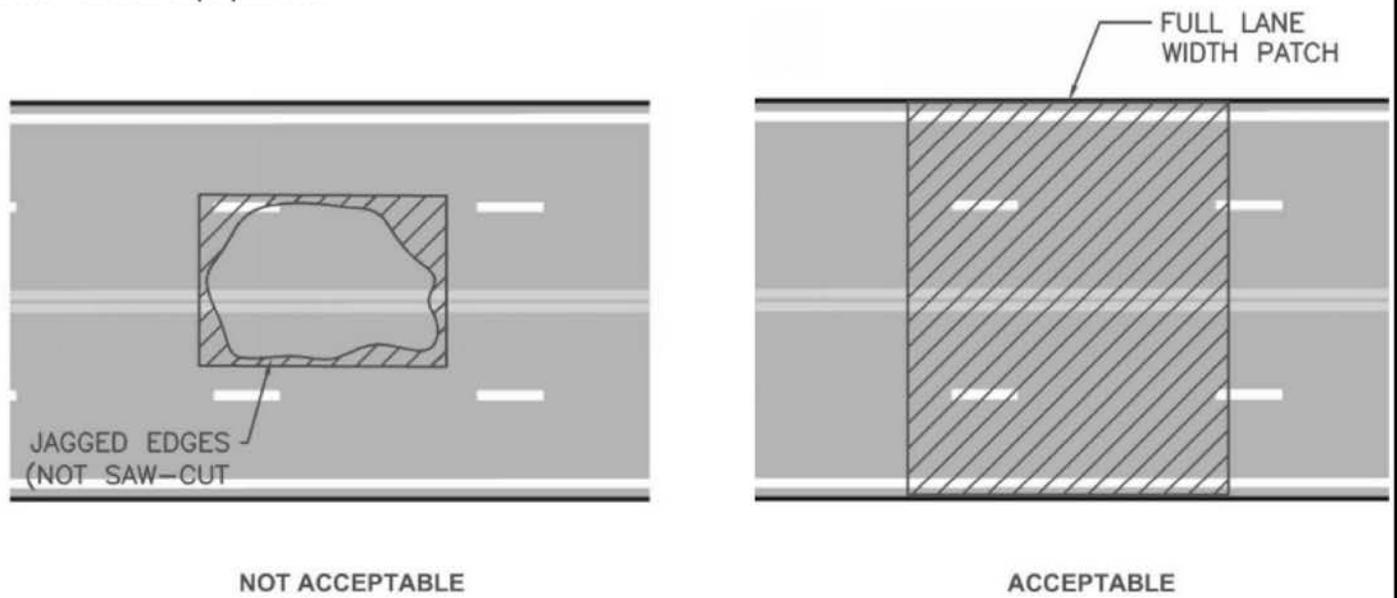
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**DEPARTMENT OF PUBLIC WORKS
STANDARDS AND SPECIFICATIONS
ASPHALT PATCHING**

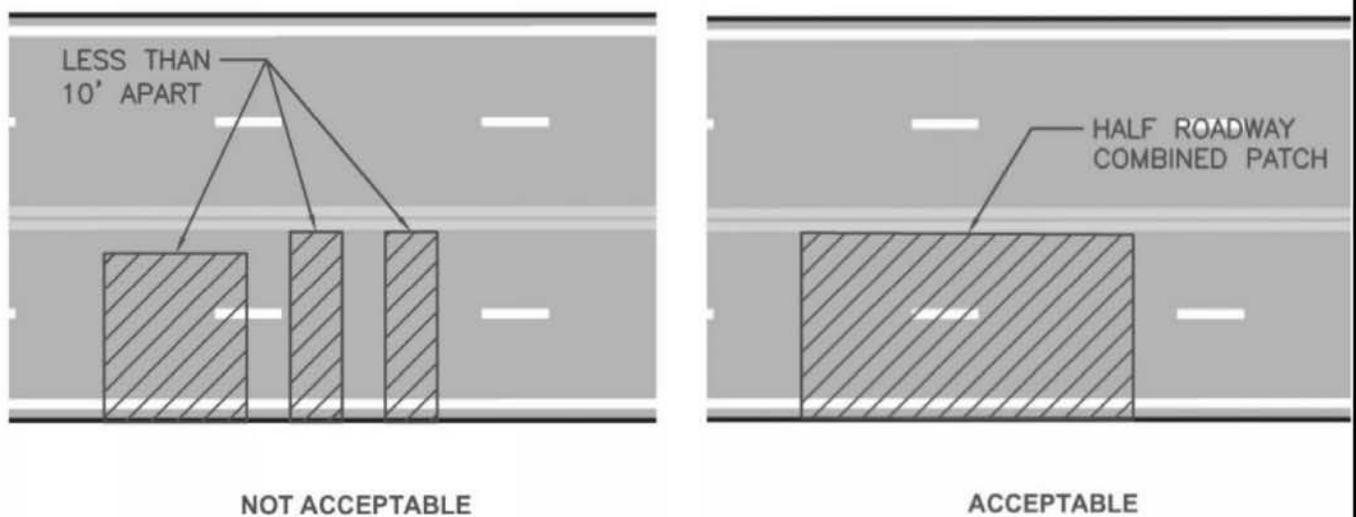


Asphalt and concrete pavements should be removed by saw cutting or grinding. Avoid breaking away the edges of the existing pavement or damaging the remaining pavement with heavy construction equipment.



EXAMPLE 5

In the case of a series of patches or patches for service lines off a main trench, repair the pavement over the patches by grinding and overlay when the spacing between the patches is less than 10 feet.



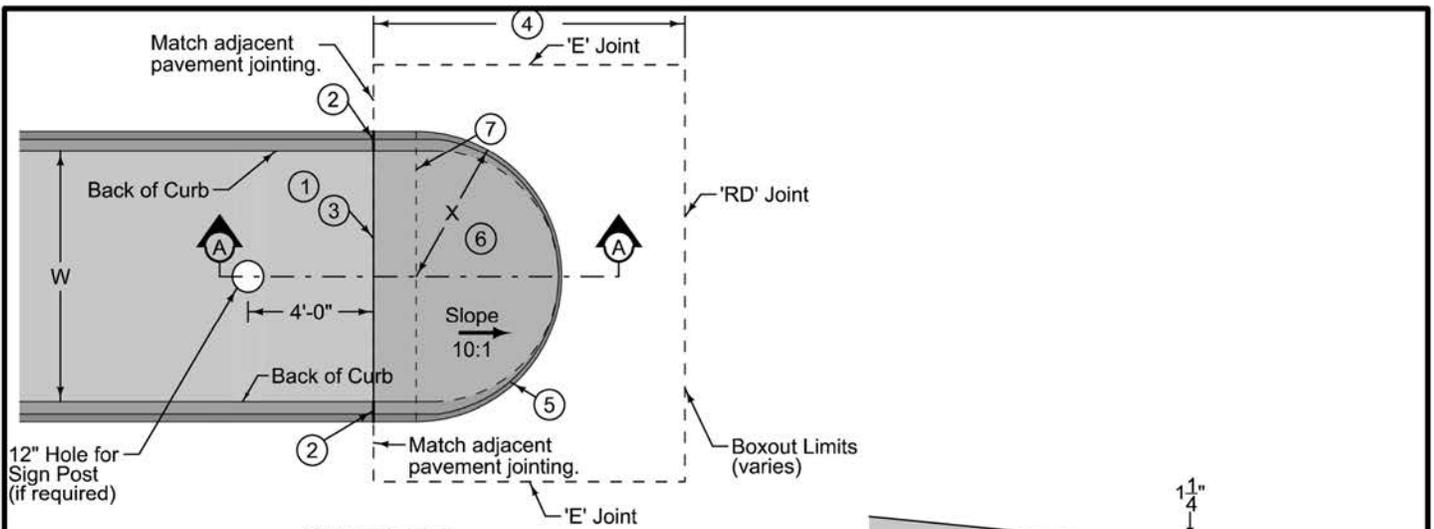
EXAMPLE 6

N.T.S.

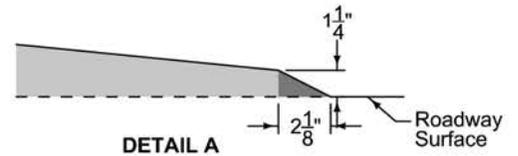
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**DEPARTMENT OF PUBLIC WORKS
STANDARDS AND SPECIFICATIONS
ASPHALT PATCHING**

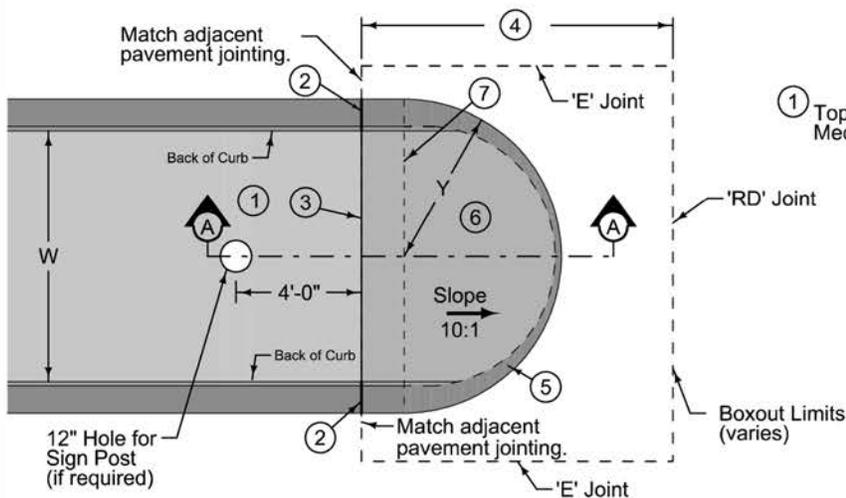




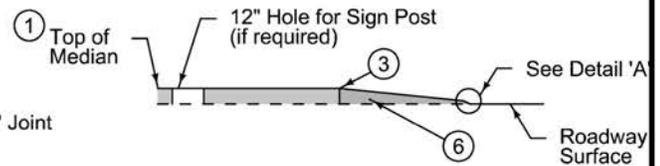
6" STANDARD PLAN



DETAIL A



6" SLOPED PLAN



SECTION A-A

- ① For details of paved median, see contract documents.
- ② 'EE' Joint. Expansion joints located at the end of normal curb.
- ③ 'E' Joint. If median is paved, place expansion joints at the end of normal curb.
- ④ If boxout length is less than or equal to 12 feet, provide 'C' Joint. If boxout length is greater than 12 feet, provide 'RD' joint.
- ⑤ Special shaping of curb.
- ⑥ Quantities for ramped median nose area is included in roadway pavement quantities.
- ⑦ When X or Y is 4 feet or greater the expansion joints will be at the beginning of the rounded median.

W = Width from back of curb to back of curb

$$X = W/2 + 7.5"$$

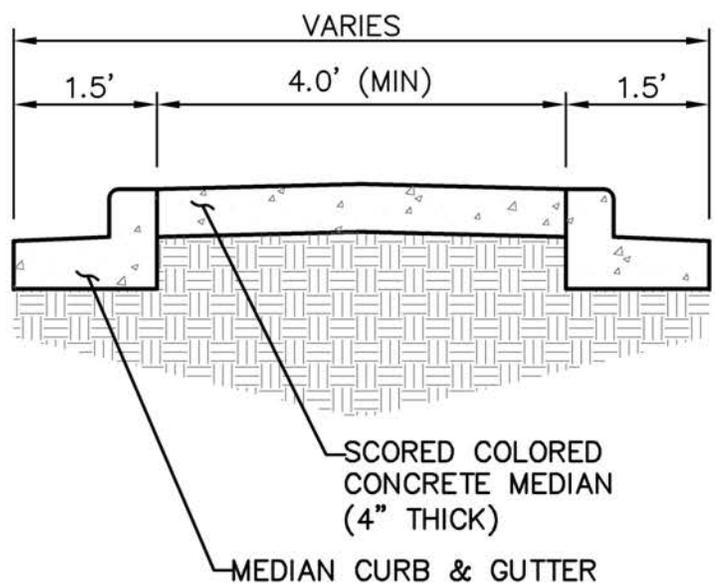
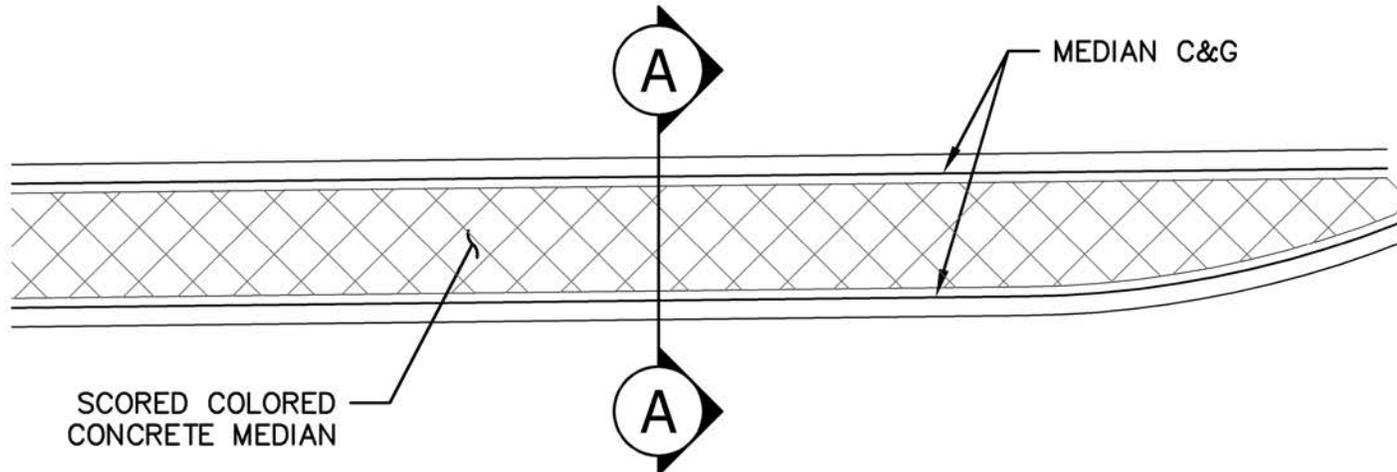
$$Y = W/2 + 12"$$

N.T.S.

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**DEPARTMENT OF PUBLIC WORKS
STANDARDS AND SPECIFICATIONS
RAMPED MEDIAN NOSE**





STANDARD MEDIAN
SECTION A-A

NOTES:

1. MEDIAN CONCRETE COLOR TO BE SAN DIEGO BUFF.
2. CONCRETE SCORING: 18"x18".

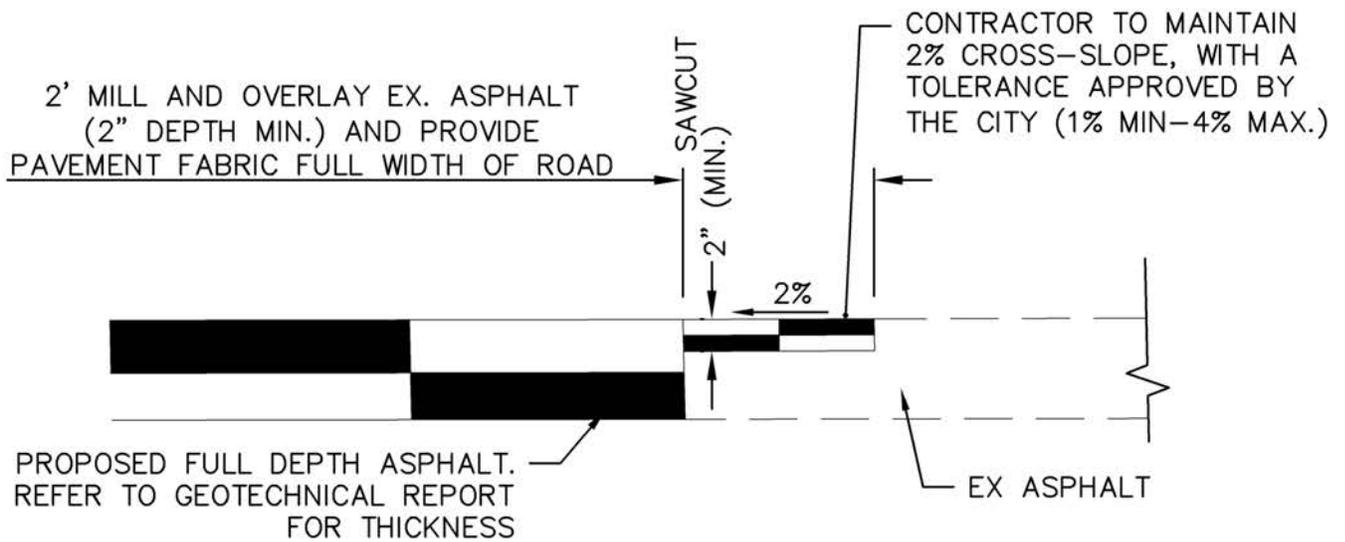
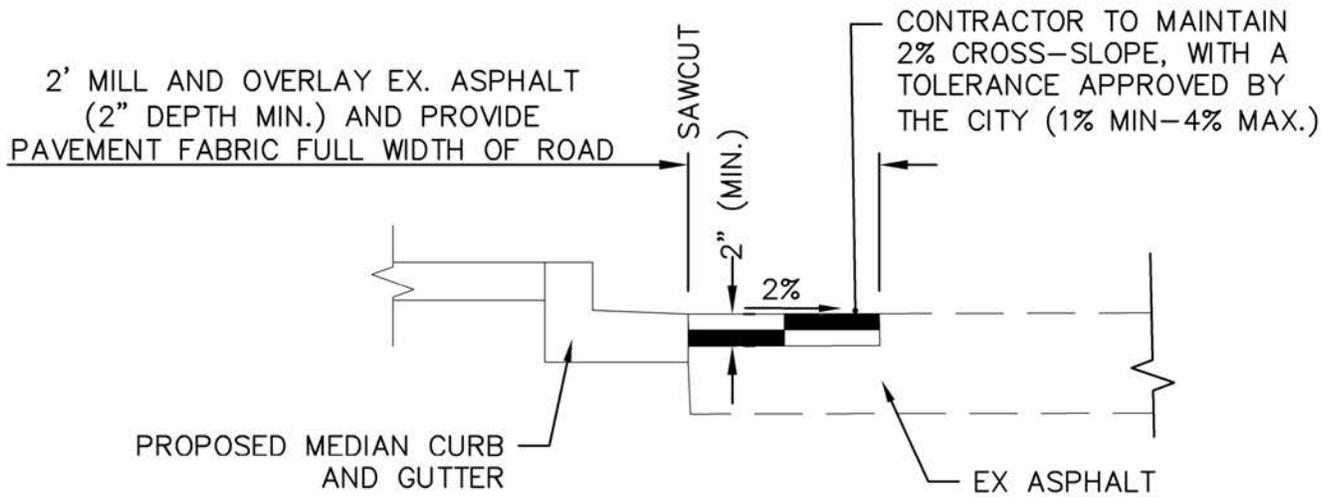
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DEPARTMENT OF PUBLIC WORKS
STANDARDS AND SPECIFICATIONS
RAISED MEDIAN ISLAND



Brighton
Drawing Number 500-9 Sheet Number 1 OF 1



ASPHALT CONNECTION DETAIL

N.T.S.

N.T.S.

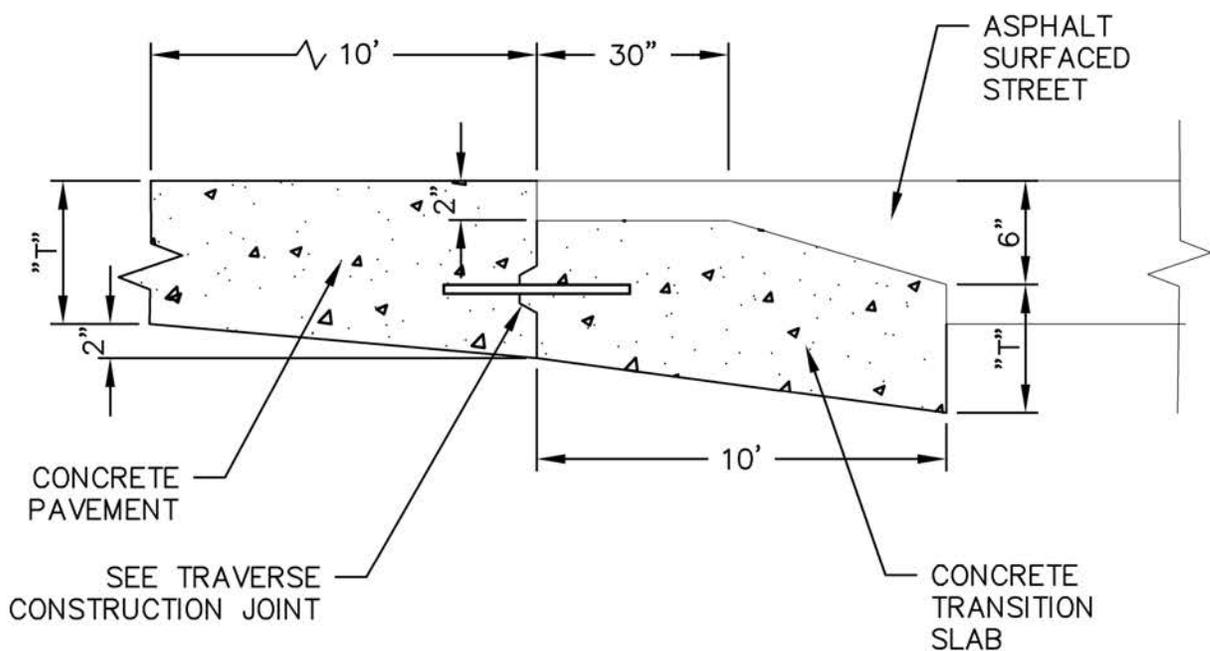
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**DEPARTMENT OF PUBLIC WORKS
STANDARDS AND SPECIFICATIONS**

ASPHALT CONNECTION



Drawing Number 500-10 Sheet Number 1 OF 2



CONCRETE TO ASPHALT CONNECTION DETAIL

N.T.S.

N.T.S.

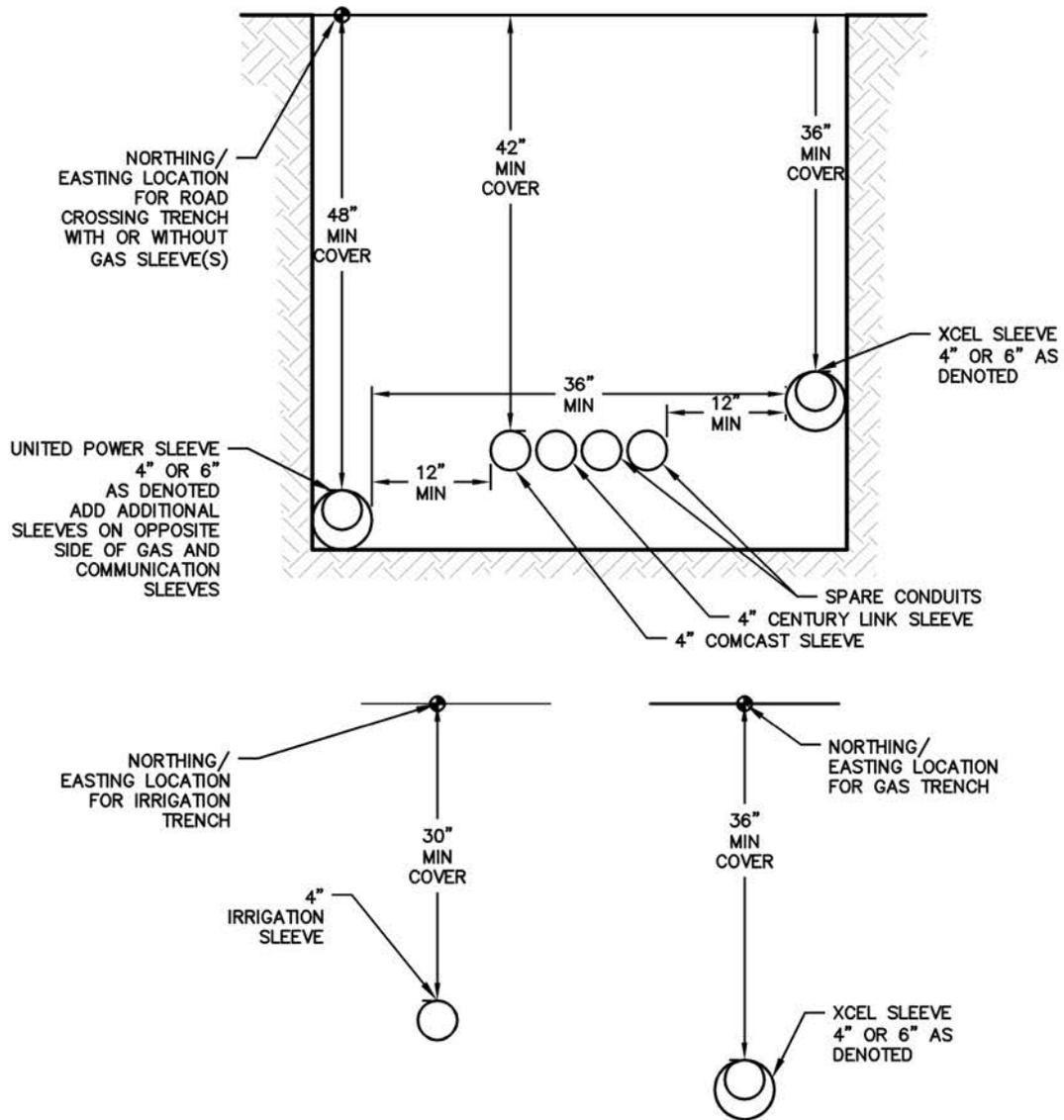
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DEPARTMENT OF PUBLIC WORKS
STANDARDS AND SPECIFICATIONS
ASPHALT- CONCRETE CONNECTION



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Drawing Number	500-10	Sheet Number	2 OF 2
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TYPICAL TRENCH SECTION DETAIL
(SLEEVING NUMBER AND SIZE IS TYPICAL)

NOTES:

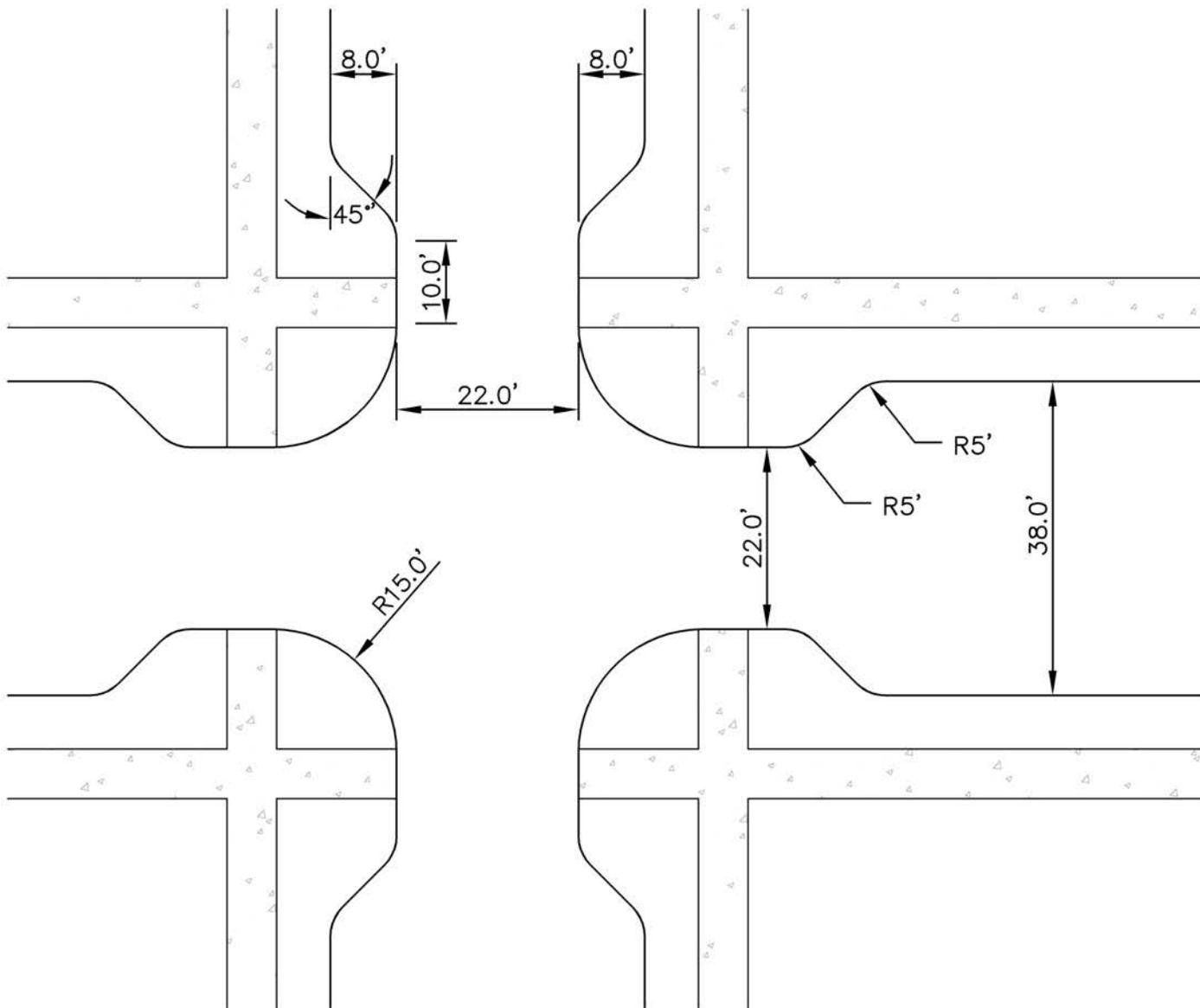
1. INSTALL SLEEVES IN LINE WITH TRENCH ROUTE AND RESPECTIVE EASEMENTS. CLEAR WALKS AND DRIVES BY 2'.
2. EXTRA SLEEVES ARE INSTALLED AT THE DISCRETION OF THE DEVELOPER.
3. ALL CONDUITS ARE SCHEDULE 40 PVC UNLESS OTHERWISE SPECIFIED. ELECTRIC PVC IS GRAY ALL OTHERS ARE WHITE.
4. INSTALL TRACER WIRE AT ALL SLEEVE LOCATIONS.
5. GAS SLEEVES MUST BE A MINIMUM OF THREE FOOT FROM UNITED POWER ELECTRIC.
6. MAINTAIN 1 FOOT BETWEEN ELECTRIC AND COMMUNICATIONS.
7. MINIMUM COVER TO TOP OF PIPE
ELECTRIC= 48"
PHONE/TV= 42"
GAS MAIN = 36"
8. CONDUITS TO BE MARKED WITH 4X4 POST AT BOTH END.
9. UNITED POWER SLEEVES PLACED IN TRENCH CLOSER TO INTERSECTION PCR.

N.T.S.

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**DEPARTMENT OF PUBLIC WORKS
STANDARDS AND SPECIFICATIONS
UTILITY SLEEVING**





- NOTES:**
1. DIMENSIONS ARE AT FLOWLINE.
 2. REFER TO STREET SECTIONS FOR SIDEWALK AND LANDSCAPE STRIP DIMENSIONS

N.T.S.

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**DEPARTMENT OF PUBLIC WORKS
STANDARDS AND SPECIFICATIONS
TRAFFIC CALMING**



Brighton

Drawing Number 500-12	Sheet Number 1 OF 1
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