

FOR CEMENT CONCRETE, 3/8" EXPANSION JOINT ENTIRE WIDTH AT RIGHT-OF-WAY LINE

MATCH EXISTING DITCH FLOW LINE. SEE NOTE 3 ON PAGE 3 OF 3

EDGE OF EXISTING PAVEMENT

3' MIN BOTH SIDES

80°-90°

ROADWAY CENTERLINE

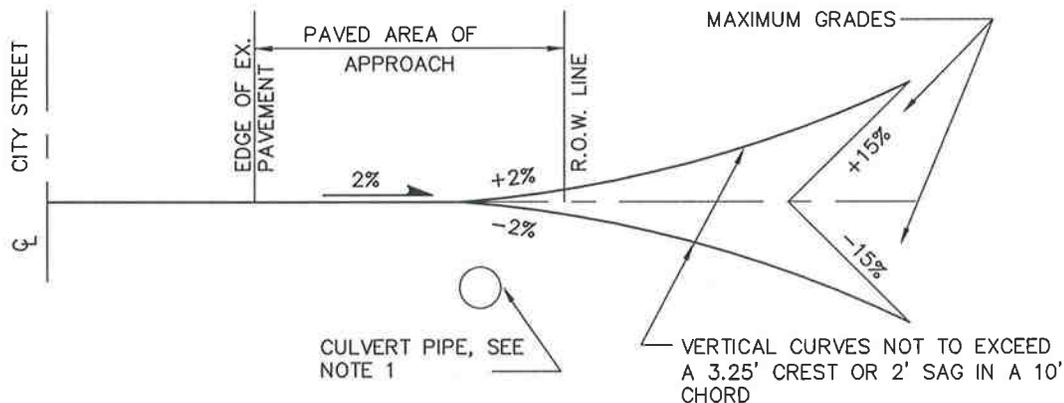
FOR CEMENT CONCRETE, 6"X6" STEEL MESH IN ROAD APPROACH

EXISTING DITCH FLOW LINE

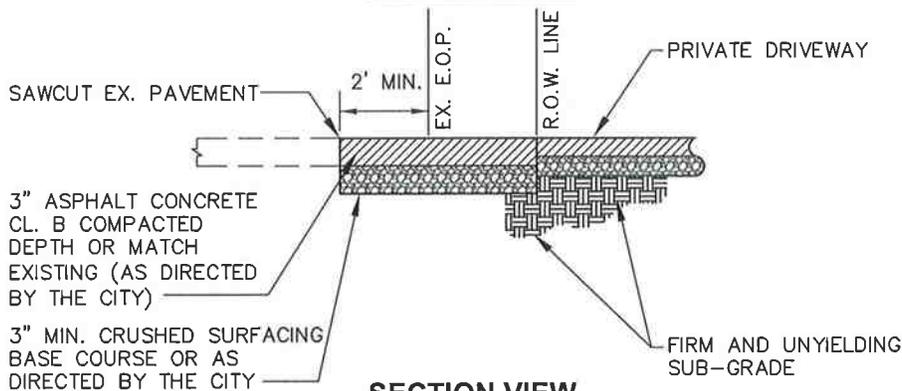
SEE TABLE FOR MIN. RADIUS

RESTORE EXISTING PAVEMENT WITH 3" MIN. CL. B A.C.P. OVER 6" CSBC OR MATCH EXISTING PAVEMENT SECTION, WHICHEVER IS GREATER. CLEAN AND TACK EDGES WITH SEALER CSS1 AND SEAL JOINTS WITH HOT ASPHALT CEMENT AR4000W.

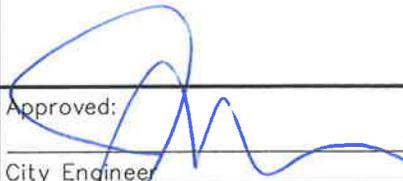
**PLAN VIEW**



**PROFILE VIEW**

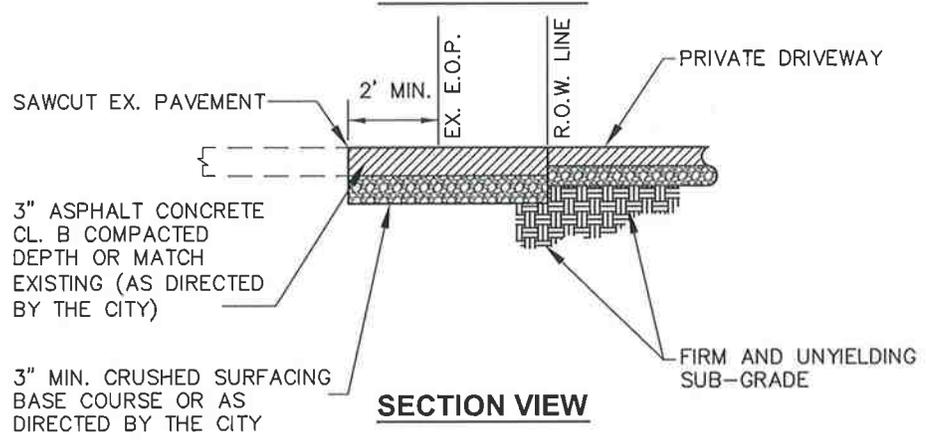
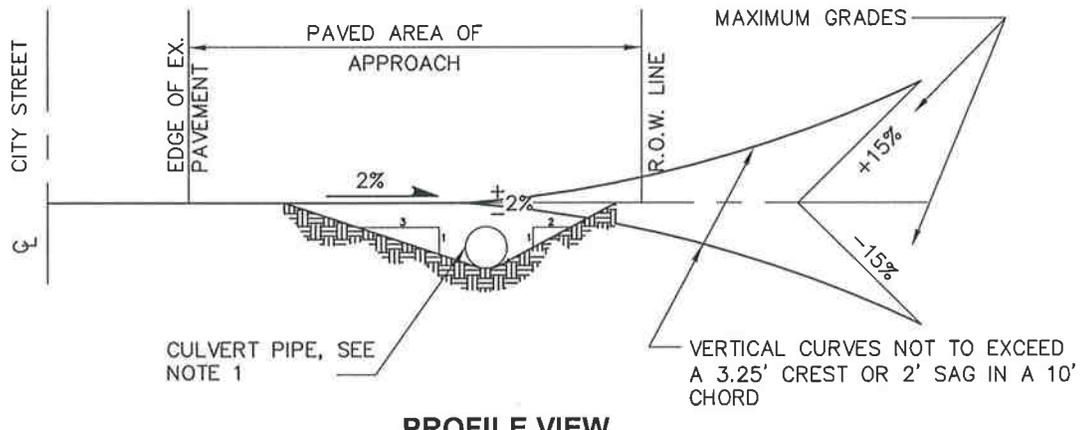
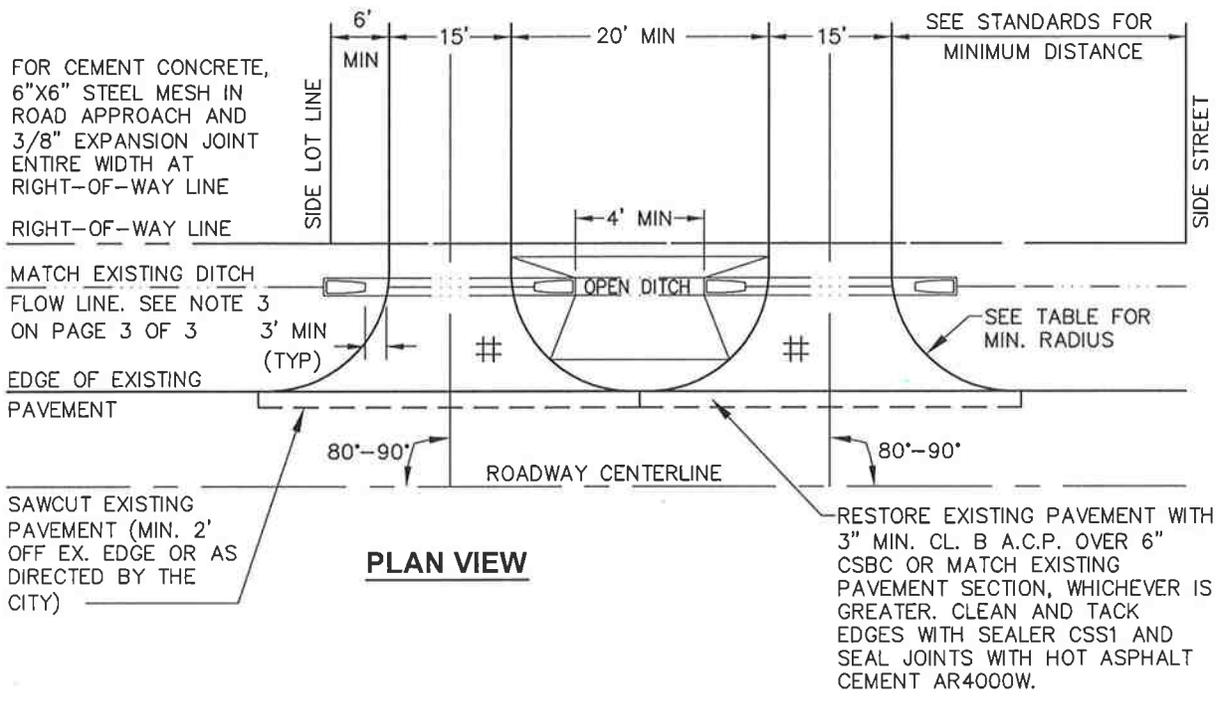


**SECTION VIEW**

Approved:  April 25, 2014  
 City Engineer Date



Dwg No: **S11**  
**ROAD APPROACH**



Approved:  April 25, 2014  
 City Engineer Date  
**STREET STANDARD DETAIL**



Dwg No: **S11**  
**ROAD APPROACH**

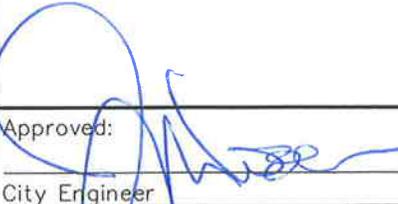
## RESIDENTIAL ROAD APPROACH

DESIGN ELEMENT	MAJOR ROAD APPROACH	MINOR ROAD APPROACH	RES. ROAD APPROACH*
MIN. APPROACH RADIUS	AS APPROVED	25'	10'
MIN. APPROACH WIDTH	24 FEET (15 FEET FOR ONE WAY)	24'	15'
MAX. APPROACH WIDTH	30'	30'	25'

\*THE MAX. APPROACH WIDTH MAY BE EXTENDED TO 30' FOR A RES. ROAD APPROACH WITH A 3-CAR OR MORE WIDE GARAGE.

NOTES:

1. CULVERT PIPE SHALL BE CONCRETE OR SMOOTH WALL HDPE WITH LOCKING JOINTS AND H20 TRAFFIC RATING. PIPE WITH LESS THAN 12" OF COVER SHALL BE DUCTILE IRON PIPE CLASS 50 OR CONCRETE CLASS V.
2. STORMWATER RUNOFF FROM THE PUBLIC RIGHT OF WAY SHALL NOT BE PERMITTED TO DRAIN ONTO PRIVATE PROPERTY. CATCH BASINS OR OTHER DRAINAGE DEVICES MUST BE USED TO INTERCEPT AND DIVERT THIS WATER.
3. EXISTING DITCH SECTIONS AND/OR CULVERTS SHALL BE MAINTAINED. SUB-STANDARD OR NON-EXISTENT DITCH SECTIONS SHALL BE CONSTRUCTED TO CITY STANDARDS AND EXTENDED TO EACH PROPERTY LINE. SUB-STANDARD CULVERTS SHALL BE REPLACED AS DIRECTED BY THE CITY.
4. FOLLOW ADDITIONAL INSTRUCTIONS AS DIRECTED BY THE OPERATIONS AND MAINTENANCE SUPERVISOR AS STATED ON THE APPROVED PERMIT.
5. IF SIDE SEWER CLEANOUT RISER IS IN THE TRAVELLED AREA OF THE ROAD APPROACH, IT MUST HAVE A TRAFFIC ENCLOSURE.
6. THE CITY INSPECTOR SHALL INSPECT FORMS AND/OR SUB-GRADE PRIOR TO PAVING.
7. CULVERT SHALL BE SET AS DETERMINED BY THE CITY.
8. CRUSHED ROCK SHALL BE USED TO FILL AND SUPPORT THE EDGES OF THE DRIVEWAY AND ALL EXCESS CONCRETE SHALL BE REMOVED FROM THE RIGHT-OF-WAY.
9. CULVERT SHALL BE 12" MINIMUM DIAMETER.
10. CULVERT ENDS SHALL BE CUT TO A 3:1 INCLINED TAPER.

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