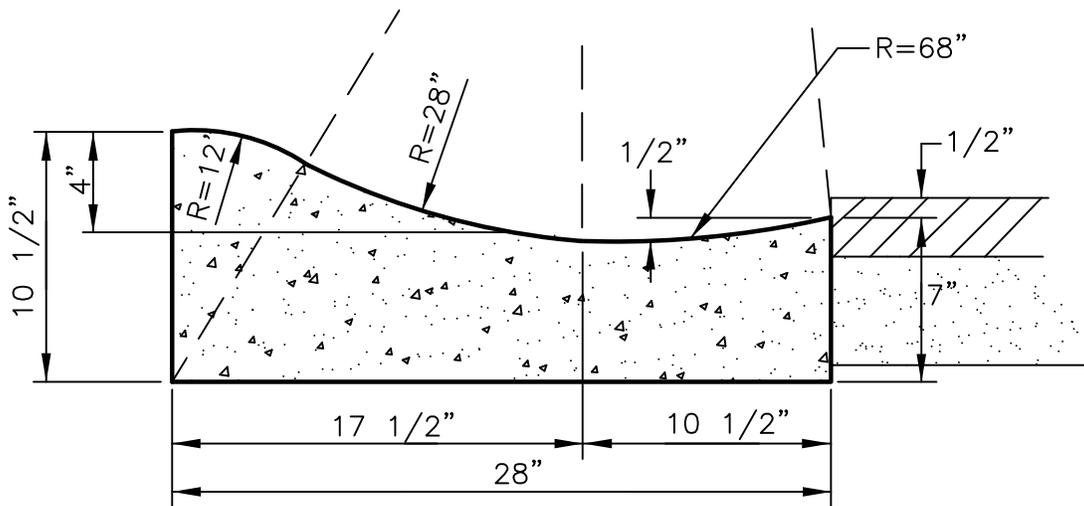


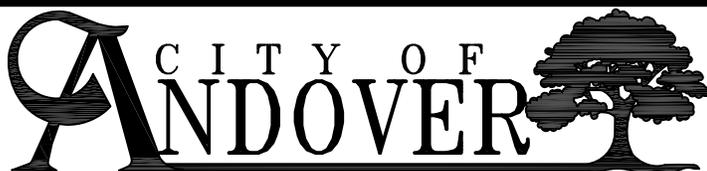
PERSPECTIVE



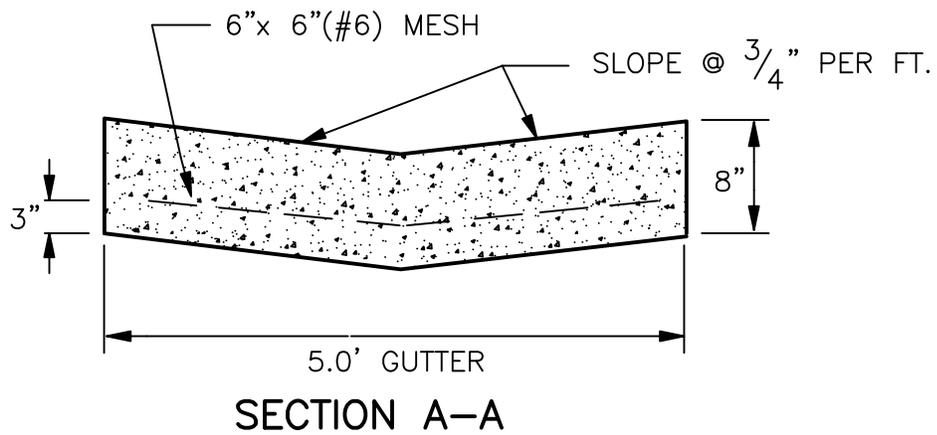
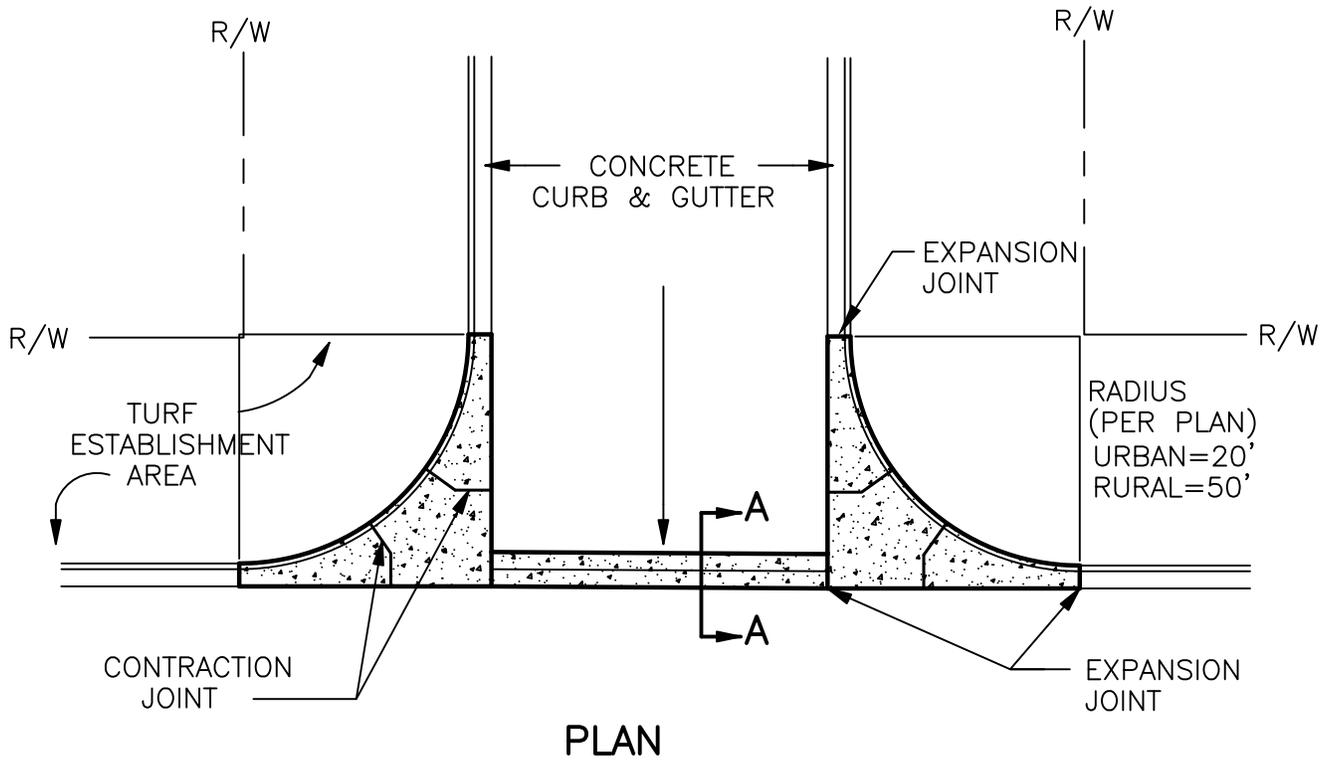
SECTION

SURMOUNTABLE CONCRETE CURB & GUTTER

12/26/00



STANDARD DRAWING
NO.
501

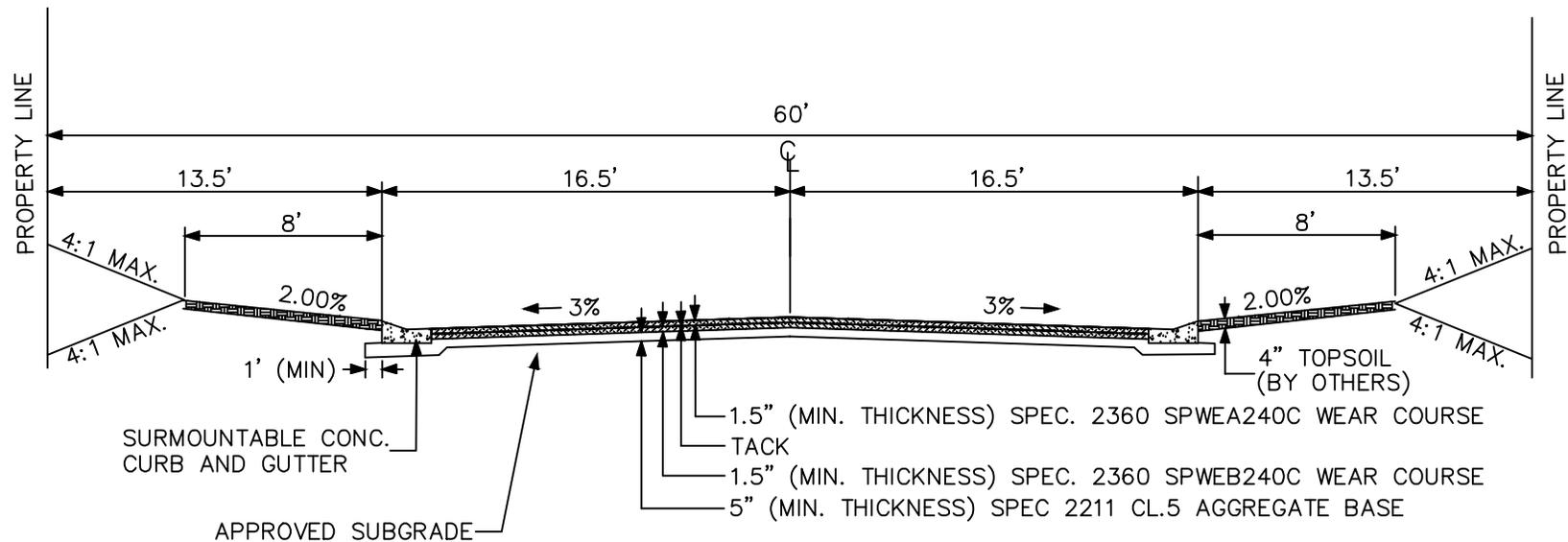


CONCRETE VALLEY GUTTER

2/19/08



STANDARD DRAWING
NO.
504E



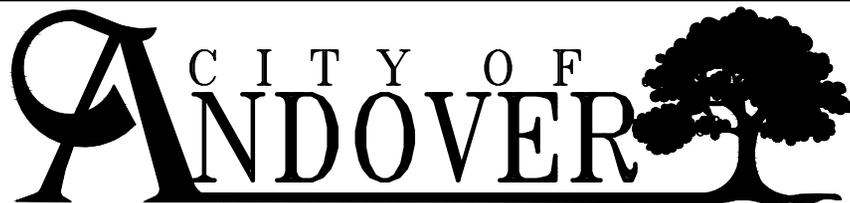
NOTE:
B618 CONC. CURB & GUTTER
TO BE USED AT ALL RADII

NOTES:

1. PRIOR TO EXCAVATION, UTILITY CONTRACTOR SHALL STRIP ALL EXISTING TOPSOIL FROM CONSTRUCTION LIMITS. TOPSOIL SHALL BE SALVAGED, AND REPLACED IN DISTURBED, NON-PAVED AREAS.
2. BOULEVARD SHALL BE ROUGH GRADED TO ALLOW FOR INSTALLATION OF THE PRIVATE UTILITIES. THE BOULEVARD GRADING SHALL ALLOW FOR THE ADDITION OF FOUR INCHES OF TOPSOIL AND SEEDING. AFTER THE INSTALLATION OF THE PRIVATE UTILITIES, THE CONTRACTOR SHALL REGRADE THE BOULEVARDS, THEN SEED WITH MN DOT MIXTURE No. 900, FERTILIZER AND MULCH.

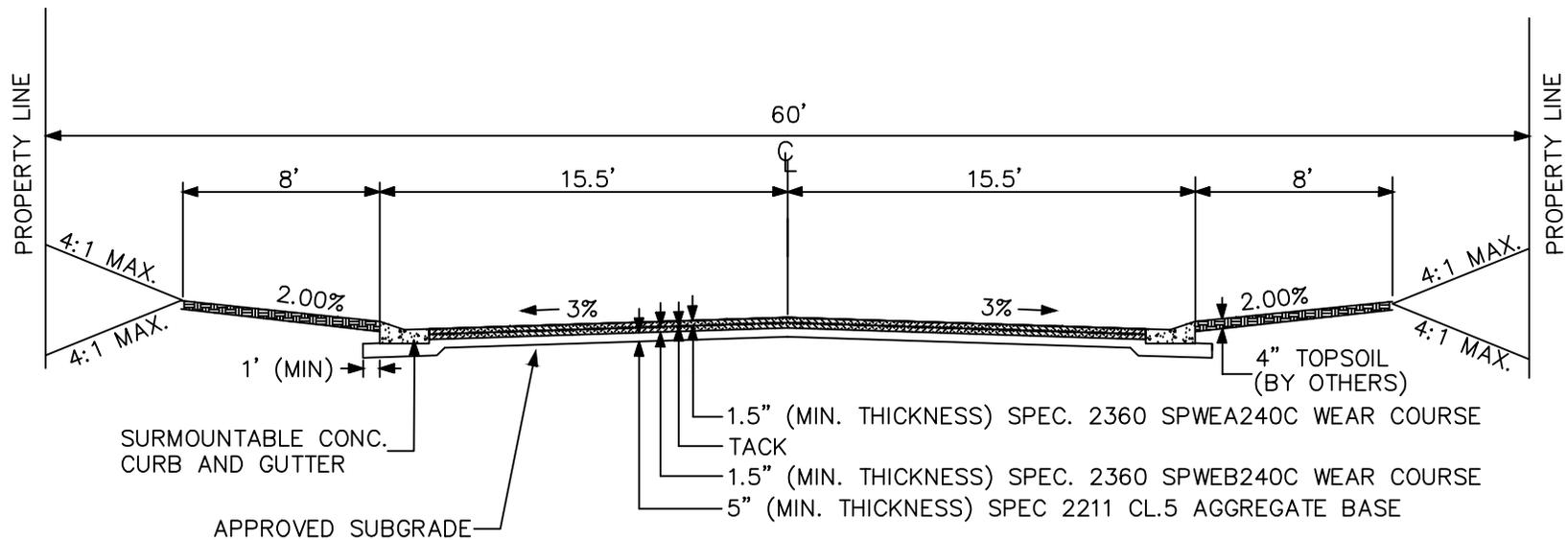
TYPICAL URBAN STREET SECTION

2/12/15



STANDARD DRAWING
NO.

5071



NOTE:
B618 CONC. CURB & GUTTER
TO BE USED AT ALL RADII
AND CATCH BASINS

NOTES:

1. PRIOR TO EXCAVATION, UTILITY CONTRACTOR SHALL STRIP ALL EXISTING TOPSOIL FROM CONSTRUCTION LIMITS. TOPSOIL SHALL BE SALVAGED, AND REPLACED IN DISTURBED, NON-PAVED AREAS.
2. BOULEVARD SHALL BE ROUGH GRADED TO ALLOW FOR INSTALLATION OF THE PRIVATE UTILITIES. THE BOULEVARD GRADING SHALL ALLOW FOR THE ADDITION OF FOUR INCHES OF TOPSOIL AND SEEDING. AFTER THE INSTALLATION OF THE PRIVATE UTILITIES, THE CONTRACTOR SHALL REGRADE THE BOULEVARDS, THEN SEED WITH MN DOT MIXTURE No. 260CT, FERTILIZER AND MULCH.

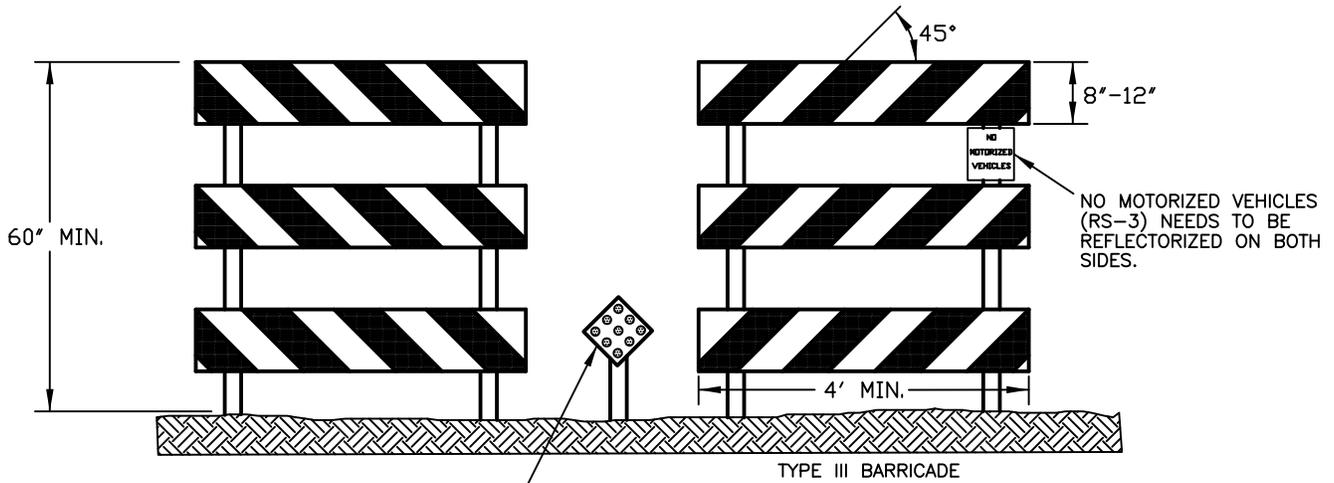
TYPICAL RURAL RESIDENTIAL STREET SECTION

2/12/15



STANDARD DRAWING
NO.

5081

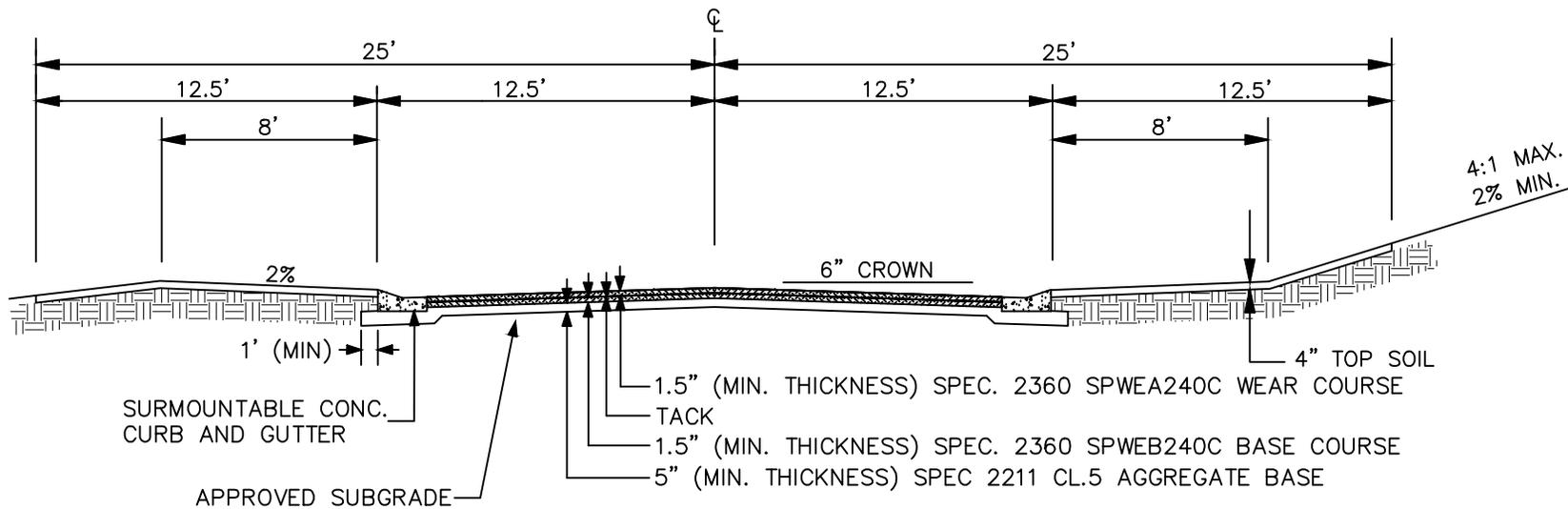


9 BUTTON RED REFLECTORS ON 18"X18" RED DIAMOND PANEL. NEEDS TO BE REFLECTORIZED ON BOTH SIDES.

- * NOMINAL LUMBER DIMENSIONS ARE SATISFACTORY FOR BARRICADE RAIL WIDTH DIMENSIONS.
- ** RAIL STRIPE WIDTHS SHALL BE 6 INCHES EXCEPT WHERE RAIL LENGTHS ARE LESS THAN 36 INCHES, THEN 4 INCH WIDE STRIPES MAY BE USED.
- *** BARRICADE FOR USE ON HIGH SPEED ROADWAYS (45 MPH OR GREATER) SHALL HAVE A MINIMUM OF 384 SQUARE INCHES OF REFLECTIVE AREA FACING TRAFFIC.

- NOTES:
1. THE BARRICADE SHALL BE REFLECTORIZED ON BOTH SIDES OR TWO BARRICADES, BACK TO BACK, USED TO PROVIDE VISIBILITY.
 2. WARNING LIGHTS ARE OPTIONAL.

TYPE III BARRICADE DESIGN DEAD ENDS @ END OF ROADWAY



NOTE:
 B618 CONC. CURB & GUTTER
 TO BE USED AT ALL RADII
 AND CATCH BASINS.

**TYPICAL SECTION
 (PRIVATE STREET)**

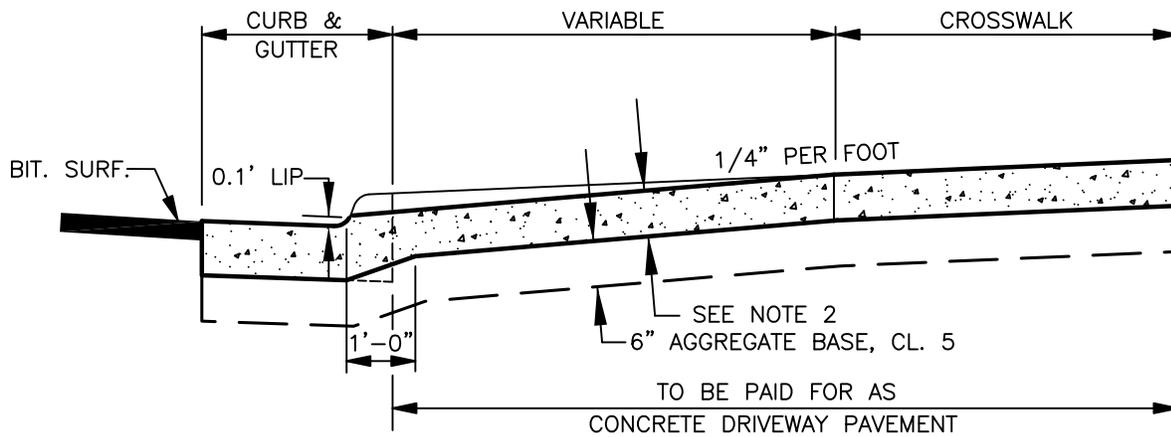
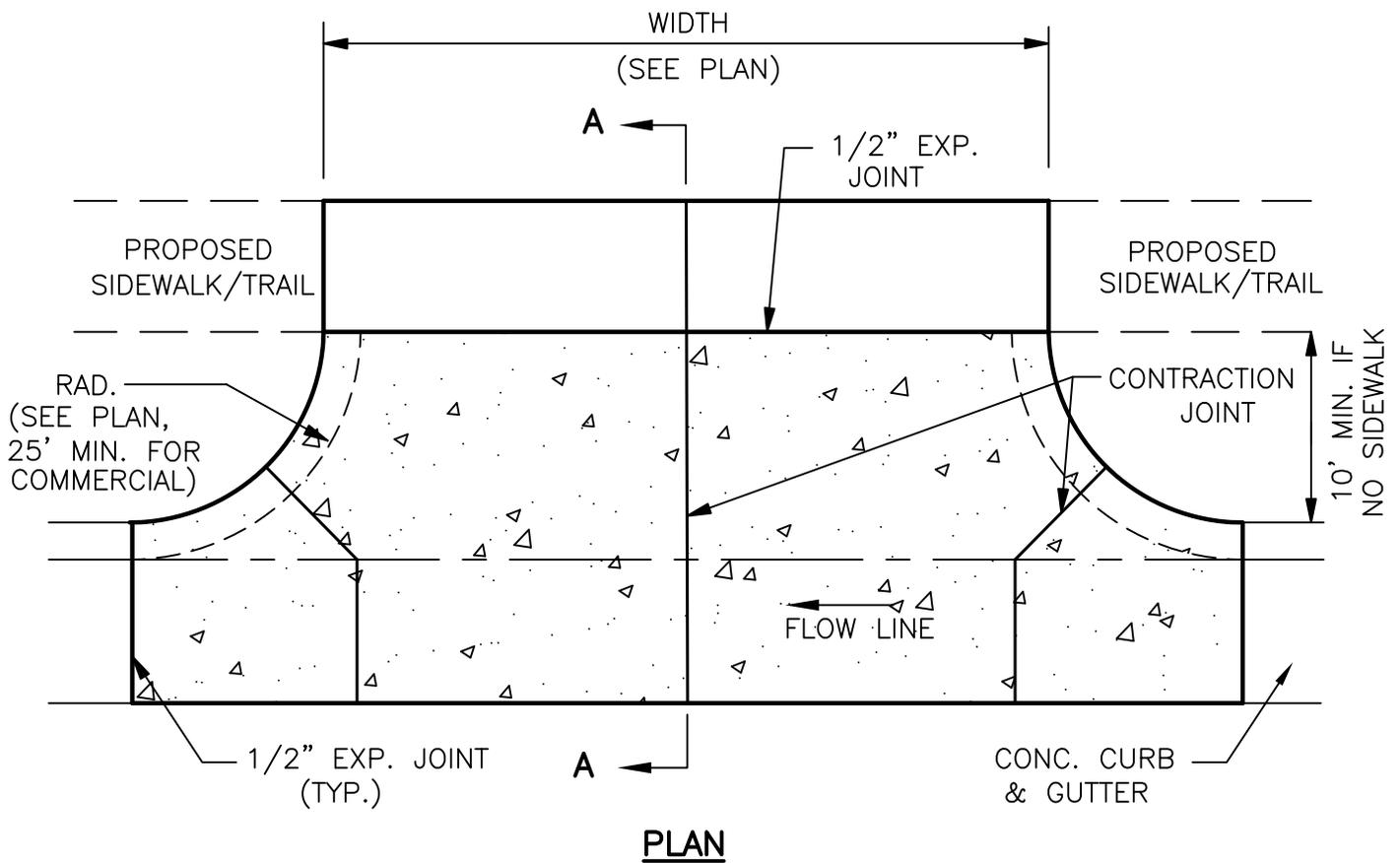
CONTRACTOR GRADE BLVD. AS
 SHOWN TO PREPARE FOR TOPSOIL
 PLACEMENT. (BY OTHERS)

2/20/14



STANDARD DRAWING
 NO.

510F



NOTES :

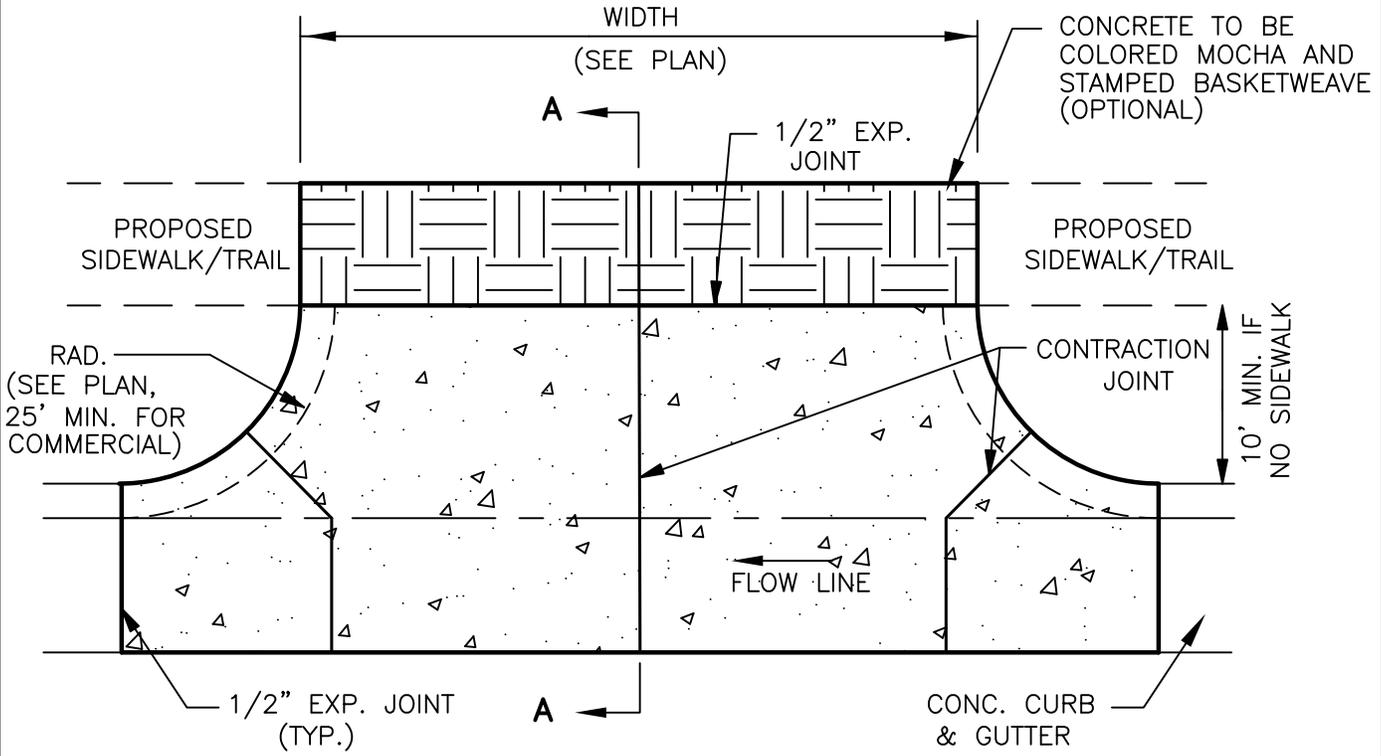
1. PANEL WIDTH SHALL NOT EXCEED 10' WITHOUT € CONTR. JOINT.
2. 6" THICK-RESIDENTIAL; 8" THICK-COMMERCIAL
3. WHERE SIDEWALK EXISTS OR IS PROPOSED, CROSSWALK SHALL BE SAME THICKNESS AS DRIVEWAY.

CONCRETE DRIVEWAY APRON W/SIDEWALK

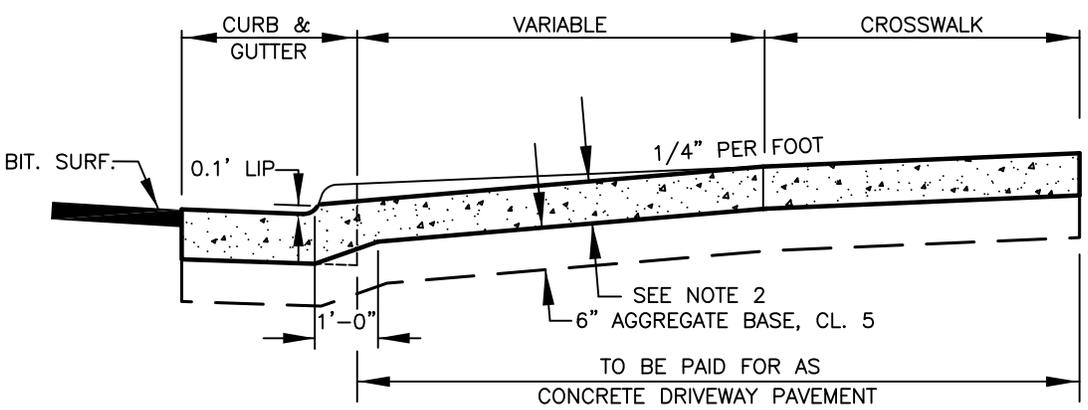
6/21/04



STANDARD DRAWING
NO.
513B



PLAN



SECTION A-A

- NOTES :
1. PANEL WIDTH SHALL NOT EXCEED 10' WITHOUT € CONTR. JOINT.
 2. 6" THICK-RESIDENTIAL; 8" THICK-COMMERCIAL
 3. WHERE SIDEWALK EXISTS OR IS PROPOSED, CROSSWALK SHALL BE SAME THICKNESS AS DRIVEWAY.

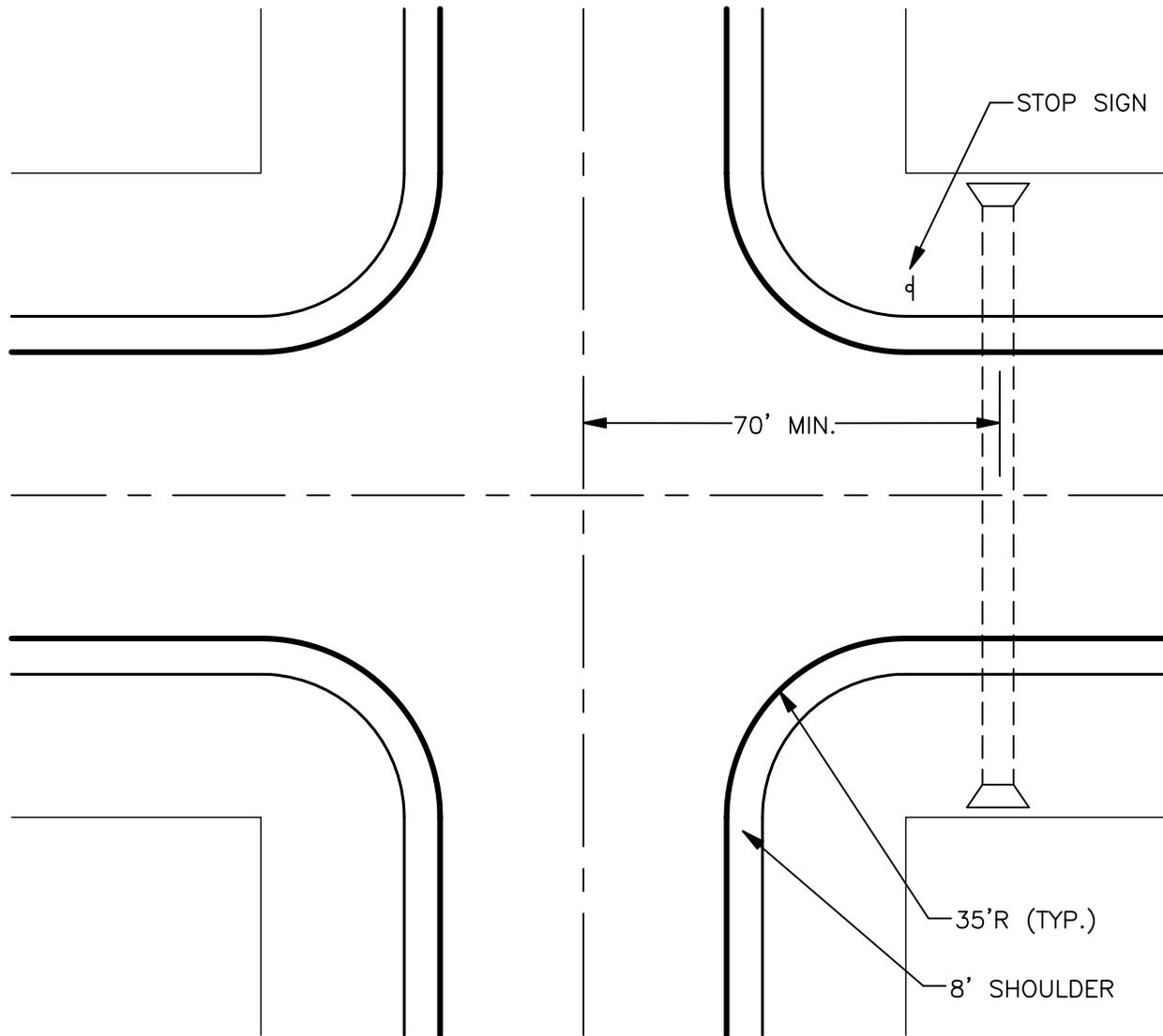
**CONCRETE DRIVEWAY APRON
W/COLORED CONCRETE SIDEWALK**

6/21/04



STANDARD DRAWING
NO.

514B



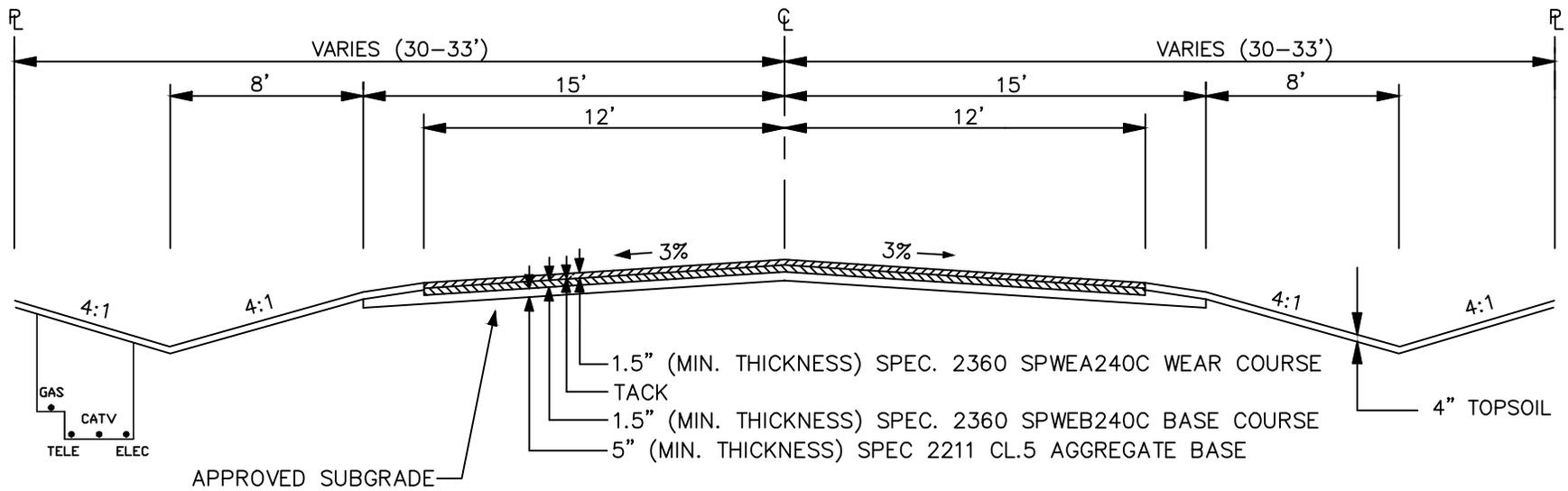
BITUMINOUS PAVEMENT – 35' RADIUS ON ALL CORNERS EXCEPT ON A RIGHT HAND TURN FROM A COUNTY ROAD TO A RURAL CITY A STREET THE RADIUS SHALL BE 50'.

CULVERTS ARE TO BE LOCATED BEYOND RADIUS – 70' MIN. AS SHOWN.

TYPICAL RURAL INTERSECTION

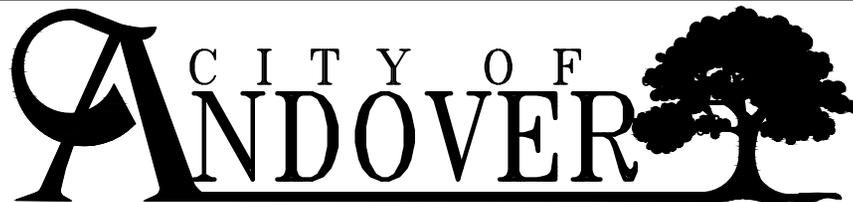


STANDARD DRAWING
NO.
515



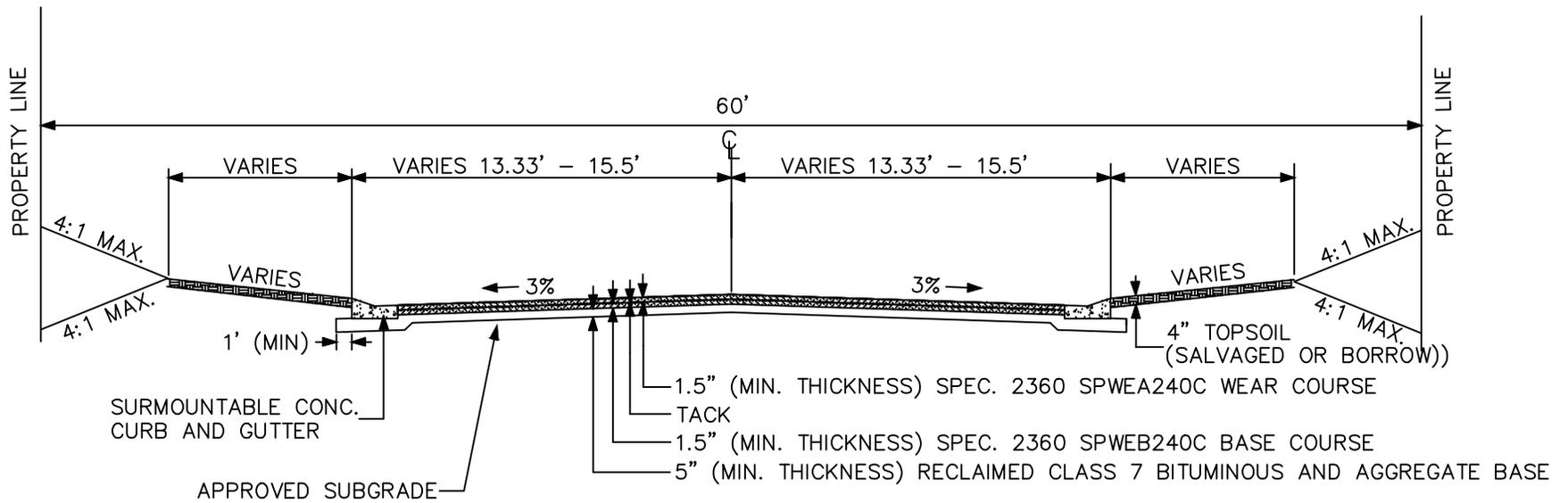
TYPICAL RURAL SECTION WITH DITCHES
 (RECLAIM & OVERLAY PROJECTS)

2/20/14



STANDARD DRAWING
NO.

516F



NOTE:
B618 CONC. CURB & GUTTER
TO BE USED AT ALL RADII

NOTES:

1. PRIOR TO EXCAVATION, CONTRACTOR SHALL STRIP ALL EXISTING TOPSOIL FROM CONSTRUCTION LIMITS. TOPSOIL SHALL BE SALVAGED, AND REPLACED IN DISTURBED, NON-PAVED AREAS.

2. ALL DISTURBED AREAS BEHIND CONCRETE CURB AND GUTTER SHALL BE BACKFILLED WITH 4" MINIMUM SALVAGED OR BORROW TOPSOIL AND TURF RE-ESTABLISHED.

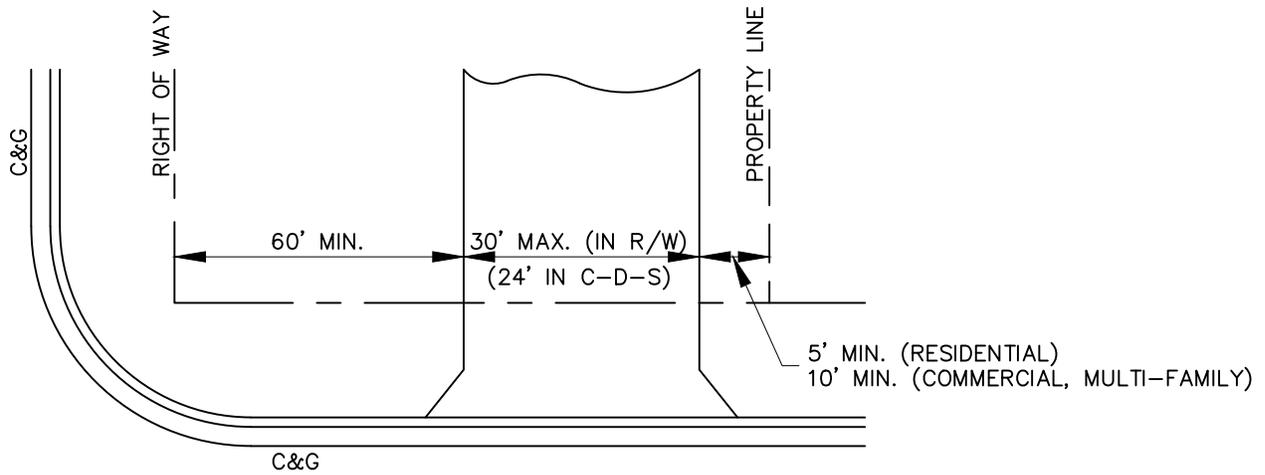
TYPICAL RURAL RESIDENTIAL STREET SECTION WITH CURB - RECONSTRUCTION PROJECTS

2/20/14

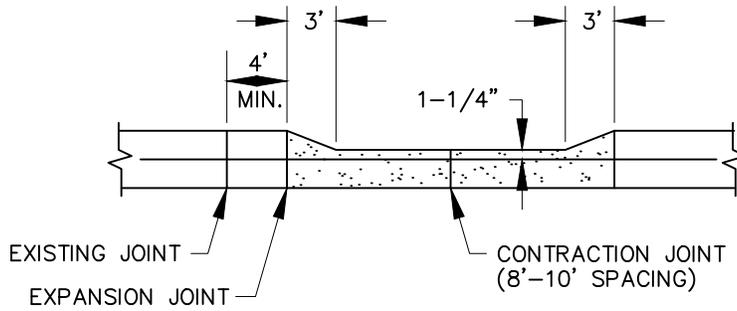


STANDARD DRAWING
NO.

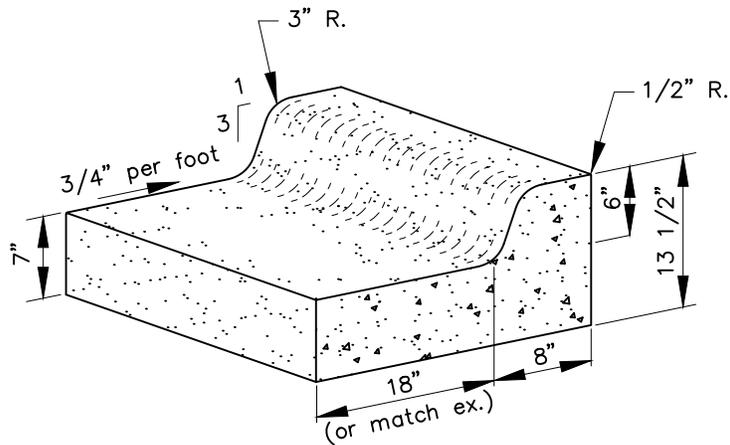
517E



PLAN



CURB SECTION AT DRIVEWAY



B618 CURB SECTION

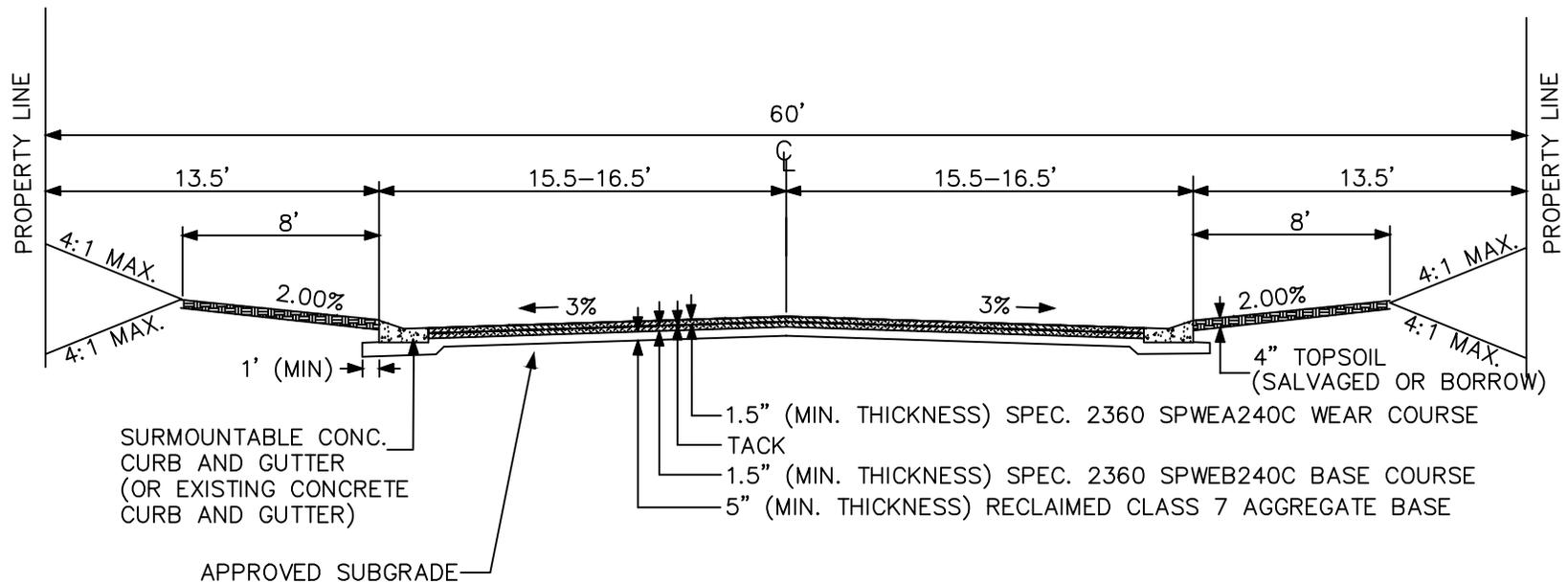
CURB CUT CONSTRUCTION

1/10/19



STANDARD DRAWING
NO.

518A



NOTE:
B618 CONC. CURB & GUTTER
TO BE USED AT ALL RADII

NOTES:

1. PRIOR TO EXCAVATION, CONTRACTOR SHALL STRIP ALL EXISTING TOPSOIL FROM CONSTRUCTION LIMITS. TOPSOIL SHALL BE SALVAGED, AND REPLACED IN DISTURBED, NON-PAVED AREAS.

2. ALL DISTURBED AREAS BEHIND CONCRETE CURB AND GUTTER SHALL BE BACKFILLED WITH 4" MINIMUM SALVAGED OR BORROW TOPSOIL AND RESTORED WITH SOD.

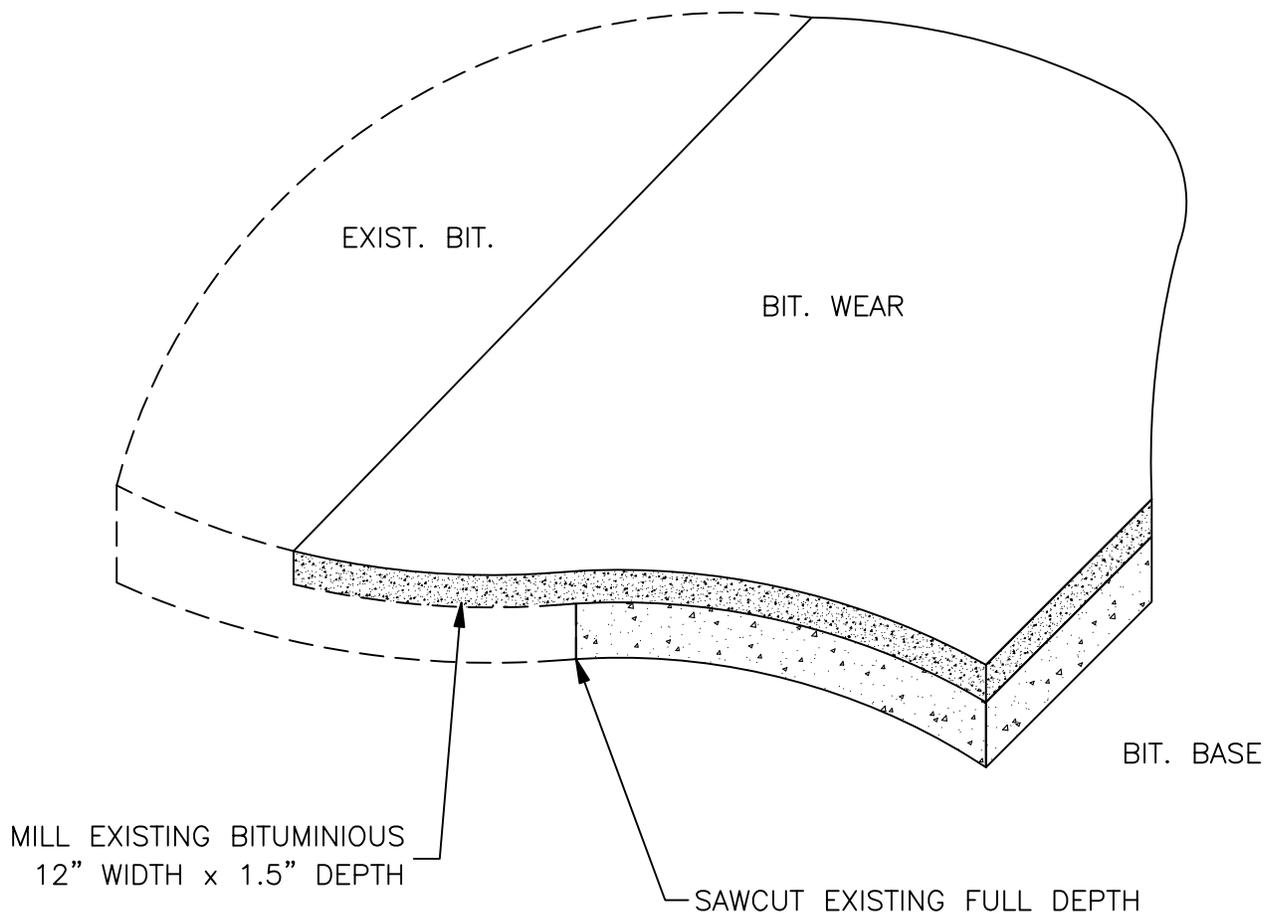
TYPICAL URBAN RESIDENTIAL STREET SECTION- RECONSTRUCTION PROJECTS

2/20/14



STANDARD DRAWING
NO.

519D



MATCH EXISTING BITUMINOUS

3/08/09

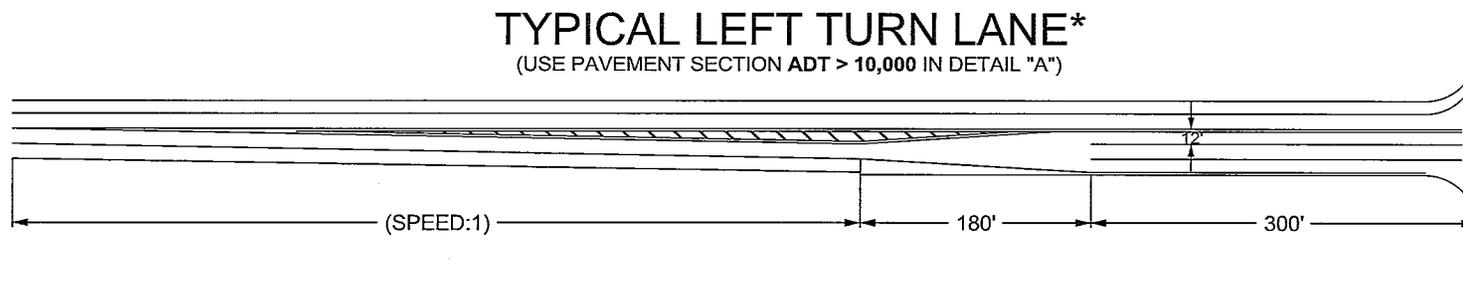


STANDARD DRAWING
NO.
520

ANOKA COUNTY HIGHWAY DEPARTMENT

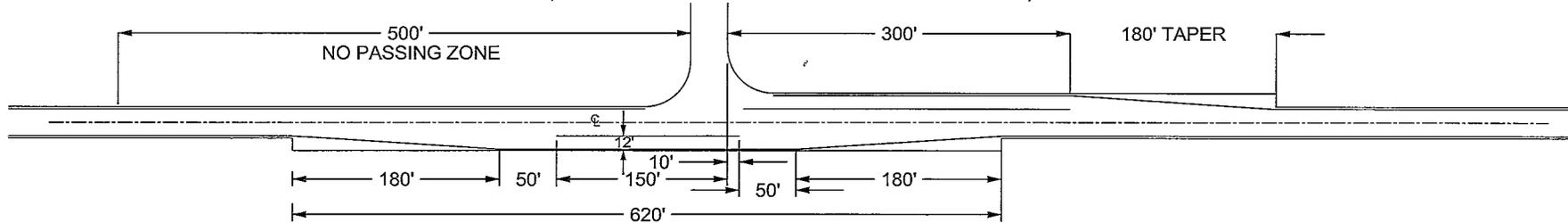
TYPICAL LEFT TURN LANE*

(USE PAVEMENT SECTION ADT > 10,000 IN DETAIL "A")

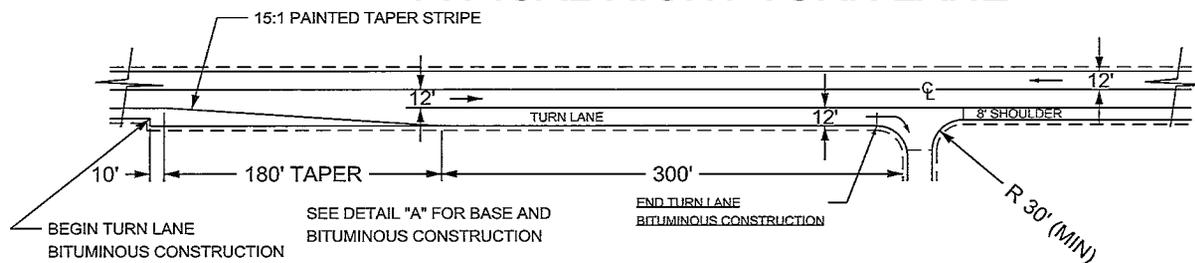


TYPICAL BY-PASS*

(USE PAVEMENT SECTION ADT > 10,000 IN DETAIL "A")



TYPICAL RIGHT TURN LANE

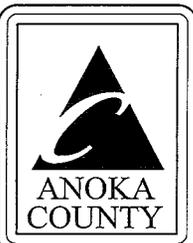


ALL DISTURBED SOIL MUST BE SEEDED, MULCHED, AND DISK ANCHORED IN ACCORDANCE WITH MN/DOT STANDARD SPECIFICATIONS. RAPID-DEGRADABLE STRAW BLANKET SHALL BE USED IN AREAS OF HIGH EROSION.

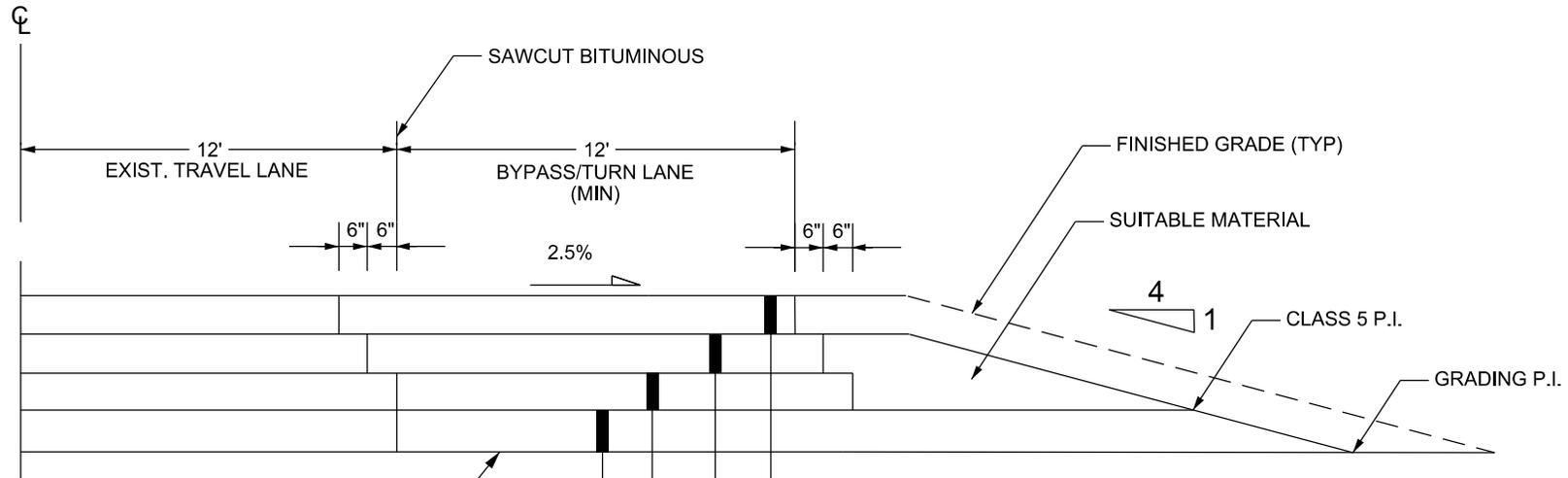
Turn/Bypass Lane Addition
On Existing Highway

EXHIBIT 1

July 2014



ANOKA COUNTY HIGHWAY DEPARTMENT



ADT ≤ 5,000	5,000 < ADT ≤ 10,000	ADT > 10,000
2.0" SPWEB340C	1.5" SPWEB340E	2.0" SPWEB340F
2.0" SPWEB340C	1.5" SPWEB340E	2.0" SPWEB340F
N/A	2.0" SPNW330B	2.0" SPNW330B
6.0" CLASS 5	6.0" CLASS 5	6.0" CLASS 5

MIX DESIGN
(2360 SPEC)

ALL DISTURBED SOIL MUST BE SEEDED, MULCHED, AND DISK ANCHORED IN ACCORDANCE WITH MN/DOT STANDARD SPECIFICATIONS. RAPID-DEGRADABLE STRAW BLANKET SHALL BE USED IN AREAS OF HIGH EROSION.



Base and Bituminous Construction Detail

DETAIL A
September 2019