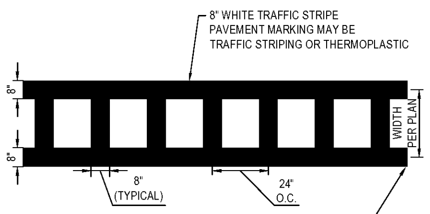
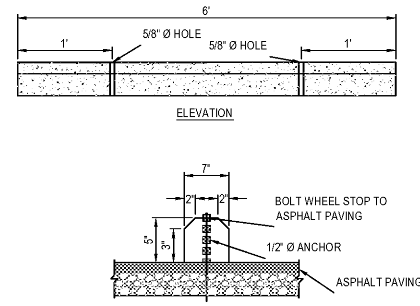


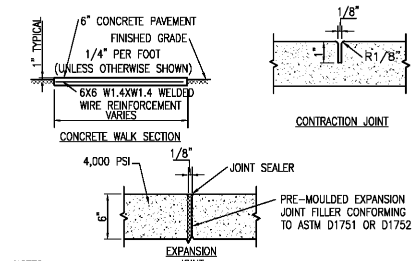
NOTES:
1. CROSSWALK LINES SHALL CONSIST OF SOLID WHITE LINES THAT MARK THE CROSSWALK. THE LINES SHALL NOT BE LESS THAN 8" IN WIDTH.
2. CROSSWALK LINES SHOULD EXTEND THE FULL WIDTH OF PAVEMENT FROM CURB TO CURB OR TO THE EDGE OF THE INTERSECTING CROSSWALK.
3. FOR ADDED VISIBILITY, THE CROSSWALK AREA MAY BE MARKED WITH WHITE DIAGONAL LINES AT 45 DEGREE ANGLE TO THE LINE OF THE CROSSWALK.

PEDESTRIAN CROSSWALK
N.T.S.



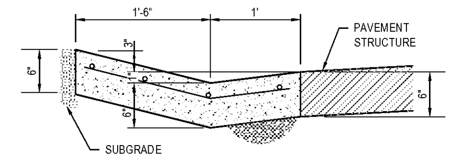
NOTES:
1. CENTER WHEEL STOP IN PARKING SPACE.
2. WHEEL STOP SHALL BE PLACED 36" FROM SIDEWALK (MEASURED TO TIRE SIDE OF WHEEL STOP.

CONCRETE WHEEL STOP
N.T.S.



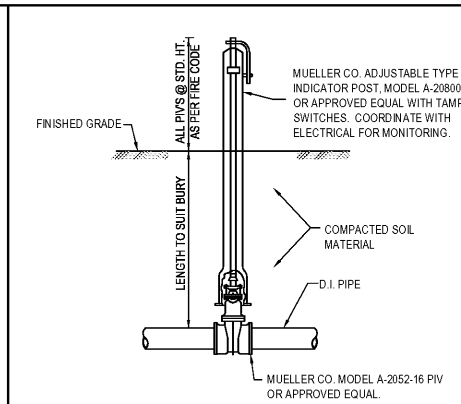
NOTES:
1. CONTRACTION JOINT EVERY 12 FEET AND EXPANSION JOINTS EVERY 100 FEET AND POUR BREAK.
2. CONTRACTOR SHALL INSTALL 6" OF CRUSHED AGGREGATE BASE COURSE, TYPE B (ALDOT 825) UNDER ALL CONCRETE SIDEWALKS.
3. ALL CONCRETE TO BE COLORED AS FOLLOWS:
- Synthetic Pigment: Medium Alabama Ochre at 12.5 lbs per yard, by Alabama Pigments Company, conforming to ASTM C979, synthetic mineral-oxide or water reducing admixtures, color stable, free of carbon black, non-fading, and resistant to lime and other alkalis
- Natural Pigment: Ochre #548 at 37.5 lbs per yard, by Southern Color or New Riverside in Cartersville, Georgia

Typical Sidewalk Detail
N.T.S.



NOTES:
1. SLOPE GUTTER AS SHOWN ACCORDING TO PAVING SLOPE.
2. 3/4" EXPANSION JOINT REQUIRED AT P.C.'S AND P.T.'S OF ALL CURVES, AT STRUCTURES (CURB INLETS, WHEELCHAIR RAMPS, ETC.) AND EVERY 100' MAX. WITH FILLER MATERIAL.
3. 3/16" SAWED JOINTS REQUIRED ON 5' INTERVALS.
4. PROVIDE 6" CRUSHED STONE BASE UNDER ALL CURBS AND GUTTERS.
5. REINFORCE WITH #3 REBAR AT 12" EACH WAY. LOCATED 2" FROM TOP SURFACE

30" VALLEY GUTTER
N.T.S.



TYPICAL POST INDICATOR VALVE SETTING
N.T.S.

LBYD, Inc.
Civil and Structural Engineers
1100 South College St. Suite 201
Auburn, AL 36832
Main (334) 734-0403
LBYD ENGINEERS
PROJECT NO.
502-20-009

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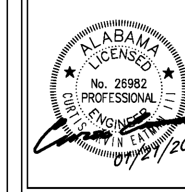
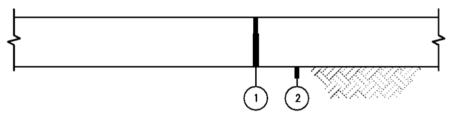
Facilities Management
1161 West Samford Avenue
Auburn University, AL 36849
Phone: (334) 844-4810
Fax: (334) 844-9458

Safety is our first priority.
Think Safety. Act Safely.

No.	Revision	Date
-	-	00/00/00

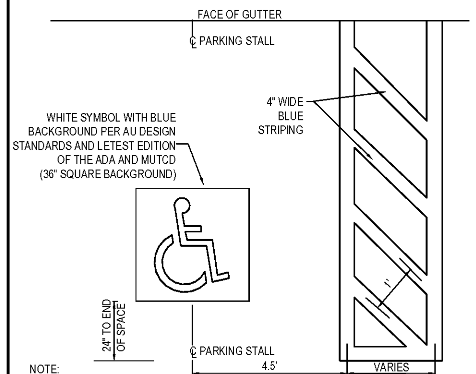


JMR+H
Architecture, PC
445 Dexter Avenue
Suite 5050
Montgomery, Al 36104
Phone: (334) 420-5672
Fax: (334) 420-5692
JMR+H Project Number: 19-968
Drawn By: DT



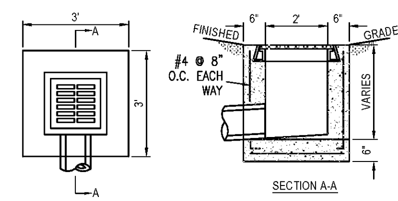
1. REQUIRED 6"- 3/4" MAX AGGREGATE SIZE (CRUSHER RUN)
2. COMPACTED SUBGRADE - 98% STANDARD PROCTOR DENSITY ASTM D698.

GRAVEL PAVING
N.T.S.



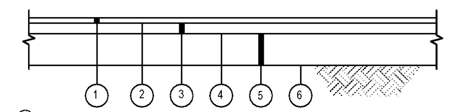
NOTE:
REFER TO SITE PLAN FOR HANDICAP SIGN LOCATION.

ADA Accessible Symbol and Striping
N.T.S.



NOTES:
1. FOR INLETS IN HARDSCAPE PEDESTRIAN AREAS, INLET FRAME AND GRATE SHALL BE NEENAH R-3210-Q OR SIMILAR AND EQUAL.
2. IN LIEU OF CAST IN PLACE BOX, A PRECAST MANHOLE IS AN ACCEPTABLE ALTERNATE.
(*) TO ACCOMMODATE SKEWED PIPE, LARGER PIPE, SEVERAL PIPES, OR FIT OTHER CONDITIONS, IT MAY BE NECESSARY TO INCREASE ONE OR BOTH PLAN VIEW DIMENSIONS OF INLET BOX AND COVER SLAB.

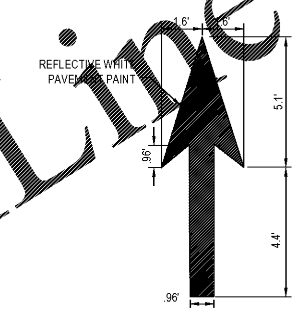
GRATE INLET IN PAVED AREAS
N.T.S.



1. REQUIRED 1.5 INCH BITUMINOUS CONCRETE, WEARING LAYER (ALDOT 424A - $\frac{3}{4}$" MAX AGGREGATE SIZE)
2. REQUIRED TACK COAT (ALDOT 405).
3. REQUIRED 2 INCHES BITUMINOUS CONCRETE, BINDER LAYER (ALDOT 424B- 1" MAX AGGREGATE SIZE).
4. REQUIRED BITUMINOUS TREATMENT (PRIME) (ALDOT 401, TYPE A)
5. REQUIRED 6 INCHES CRUSHED AGGREGATE BASE COURSE, TYPE B, (ALDOT 825).
6. SUBGRADE: TOP 12 INCHES - 98% COMPACTION ASTM D-698.

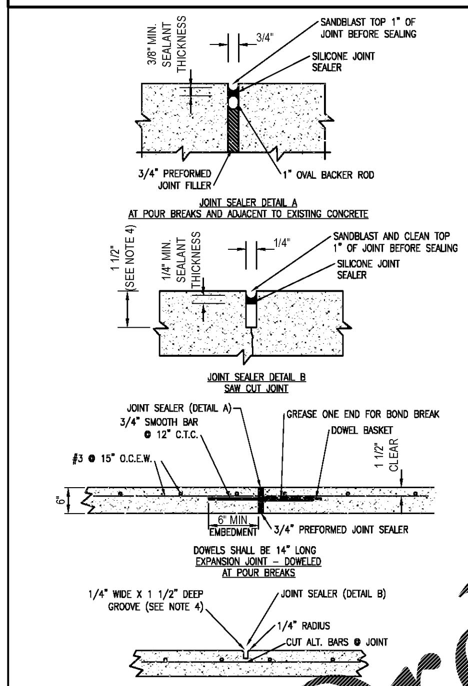
NOTE: ALL MIX DESIGNS ARE PER THE "ALABAMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION" - 2008 EDITION.

Standard Duty Asphalt Paving
N.T.S.



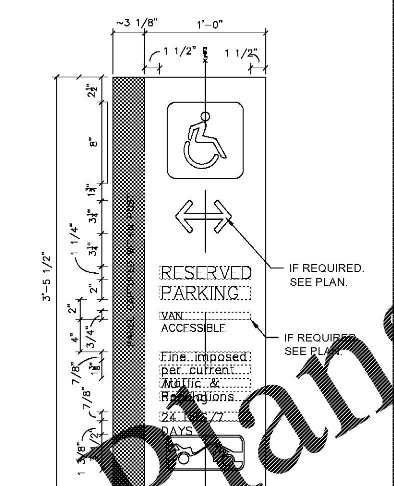
NOTES:
1. ALL STRIPING WITHIN PUBLIC RIGHT OF WAY SHALL BE THERMOPLASTIC.

PAINTED STRAIGHT ARROW
N.T.S.



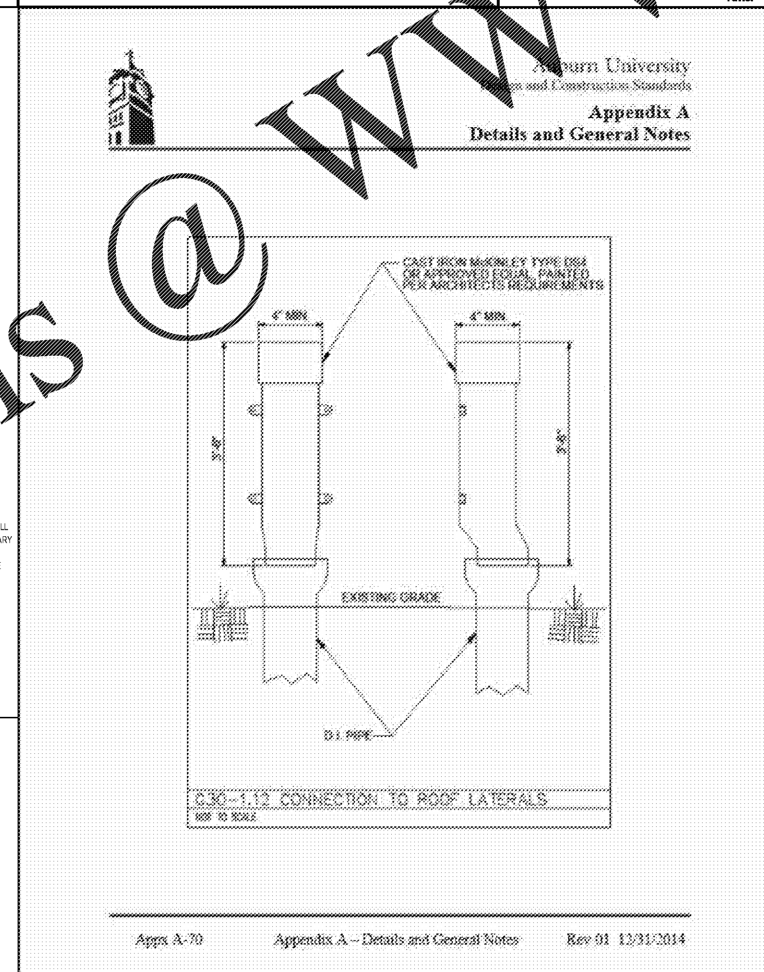
NOTES:
1. CONTRACTOR SHALL INSTALL 6" OF CRUSHED AGGREGATE BASE COURSE, TYPE B (ALDOT 825) UNDER ALL CONCRETE PAVING
2. 8" SUBGRADE MODIFICATION REQUIRED. ALDOT SECTION 230 MODIFIED ROADBED COMPACTED TO 98% MODIFIED DENSITY.
2. CONCRETE SHALL HAVE 4000 PSI AT 28 DAYS
3. CONTRACTOR SHALL INSTALL CONTROL JOINTS IN CONCRETE PAVING AT 12' MAX SPACING BOTH WAYS. COORDINATE WITH ARCHITECTURAL PLANS FOR SCORING PATTERN.
4. CONTROL JOINT TO BE 1/4 OF THE SLAB THICKNESS TYPICALLY.
5. EXPANSION JOINTS AT POUR BREAKS AND 100' MAX SPACING. COORDINATE WITH CONTROL JOINTS.
6. IN LIEU OF REINFORCEMENT SHOWN, CONTRACTOR MAY USE 6x6 W6.5/W6.5 WELDED WIRE FABRIC.
7. ALL CONCRETE TO BE COLORED AS FOLLOWS:
- Synthetic Pigment: Medium Alabama Ochre at 12.5 lbs per yard, by Alabama Pigments Company, conforming to ASTM C979, synthetic mineral-oxide or water reducing admixtures, color stable, free of carbon black, non-fading, and resistant to lime and other alkalis
- Natural Pigment: Ochre #548 at 37.5 lbs per yard, by Southern Color or New Riverside in Cartersville, Georgia

Concrete Paving Detail

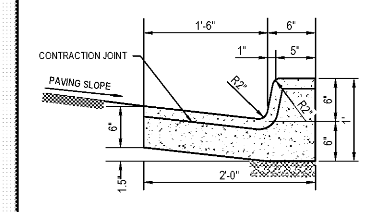


SIGN PANEL NOTES:
1. SIGN PANELS TO BE ⅛" THICK ALUMINUM PANEL PAINTED ALL SIDES P1 EXCEPT TIGER TRANSIT SIGN WHICH WILL BE PAINTED P5. LETTERING TO BE RV5 VINYL WHITE WHITNEY MEDIUM TEXT AND WHITE ARROWS AS NECESSARY WITH EXCEPTION FOR TIGER TRANSIT SIGN. TIGER TRANSIT ARROWS TO BE OV3.
2. SYMBOL COLORS TO BE SHOWN AS INDICATED ON THE SYMBOL DETAILS COMPLYING WITH THE APPROPRIATE CODES.
3. POST SHALL BE PER AU STANDARDS AND INSTALLED PER AU STANDARDS.

AU STANDARD ACCESSIBLE SIGN
N.T.S.

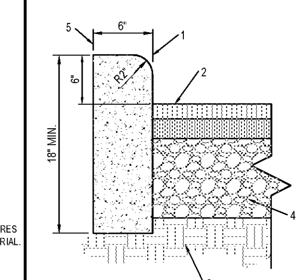

Auburn University
Design and Construction Standards
Appendix A
Details and General Notes

Appx A-70 Appendix A – Details and General Notes Rev 01 12/31/2014



NOTES:
1. SLOPE GUTTER AS SHOWN ACCORDING TO PAVING SLOPE.
2. 3/4" EXPANSION JOINT REQUIRED AT P.C.'S AND P.T.'S OF ALL CURVES, AT STRUCTURES (CURB INLETS, WHEELCHAIR RAMPS, ETC.) AND EVERY 100' MAX. WITH FILLER MATERIAL.
3. 3/16" SAWED JOINTS REQUIRED ON 10' INTERVALS. JOINT PLACEMENT TO MATCH SIDEWALK CONTRACTION JOINTS WHEN ADJACENT TO SIDEWALKS (SEE SIDEWALK DETAIL).
4. 3,500 PSI CONCRETE UNLESS STATED OTHERWISE
5. PROVIDE 6" CRUSHED STONE BASE UNDER ALL CURB AND GUTTER.
6. ALL CONCRETE TO BE COLORED AS FOLLOWS:
- SYNTHETIC PIGMENT: MEDIUM ALABAMA OCHRE AT 12.5 LBS PER YARD, BY ALABAMA PIGMENTS COMPANY, CONFORMING TO ASTM C979, SYNTHETIC MINERAL-OXIDE OR WATER REDUCING ADMIXTURES, COLOR STABLE, FREE OF CARBON BLACK, NON-FADING, AND RESISTANT TO LIME AND OTHER ALKALIS
- NATURAL PIGMENT: OCHRE #548 AT 37.5 LBS PER YARD, BY SOUTHERN COLOR OR NEW RIVERSIDE IN CARTERSVILLE, GEORGIA

24" CURB & GUTTER
N.T.S.

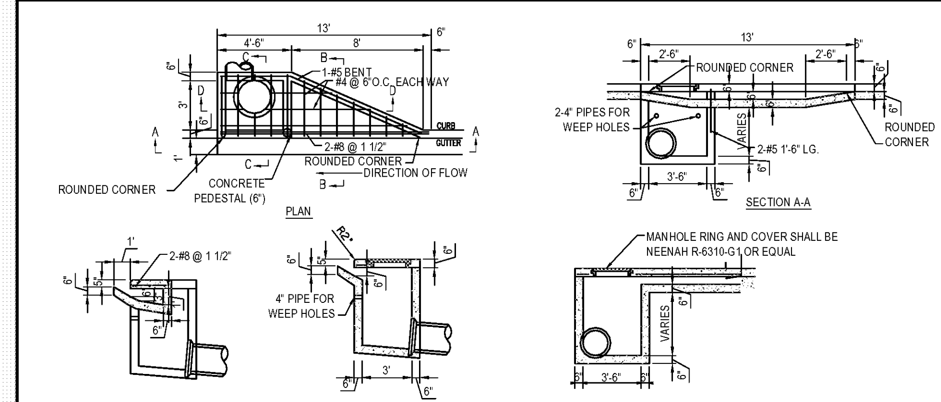


KEYED NOTES:
1. LINE OF FACE OF CURB (CURB GRADE SHOWN ON PLAN)
2. PAVEMENT GRADE SHOWN ON PLAN
3. PREPARED SUB-GRADE
4. STONE BASE
5. LINE FOR BACK OF CURB

NOTE:
ALL CURBS TO HAVE 3/4" EXPANSION JOINTS AT MAXIMUM 100 FEET WITH DOWELS AND CONTROL JOINTS AT MAX. 10 FEET.

SPECIAL NOTES:
1. ALL CONCRETE TO BE COLORED AS FOLLOWS:
- Synthetic Pigment: Medium Alabama Ochre at 12.5 lbs per yard, by Alabama Pigments Company, conforming to ASTM C979, synthetic mineral-oxide or water reducing admixtures, color stable, free of carbon black, non-fading, and resistant to lime and other alkalis
- Natural Pigment: Ochre #548 at 37.5 lbs per yard, by Southern Color or New Riverside in Cartersville, Georgia

6" HEADER CURB
N.T.S.



GENERAL NOTES
1. WHERE DIRECTION OF FLOW IS FROM EACH END OF INLET, SIDEWING OPENINGS SHALL BE CONSTRUCTED AT EACH END OF INLET.
2. TO ACCOMMODATE SKEWED PIPE, LARGER PIPE, SEVERAL PIPES, OR FIT OTHER CONDITIONS, IT MAY BE NECESSARY TO INCREASE ONE OR BOTH PLAN VIEW DIMENSIONS OF INLET BOX AND COVER SLAB.
3. ALL CONCRETE TO BE COLORED AS FOLLOWS:
- SYNTHETIC PIGMENT: MEDIUM ALABAMA OCHRE AT 12.5 LBS PER YARD, BY ALABAMA PIGMENTS COMPANY, CONFORMING TO ASTM C979, SYNTHETIC MINERAL-OXIDE OR WATER REDUCING ADMIXTURES, COLOR STABLE, FREE OF CARBON BLACK, NON-FADING, AND RESISTANT TO LIME AND OTHER ALKALIS
- NATURAL PIGMENT: OCHRE #548 AT 37.5 LBS PER YARD, BY SOUTHERN COLOR OR NEW RIVERSIDE IN CARTERSVILLE, GEORGIA

SINGLE WING CURB INLET
N.T.S.

Auburn University Building
Ham Wilson Arena Renovations
Project Number 19-451

SHEET TITLE:
CIVIL DETAILS

DRAWN BY:
WLH

CHECKED BY:
CLT

DATE:
JANUARY 21, 2021

FILE NUMBER:
-

PROJECT NUMBER:
19-451

SHEET NUMBER:
C6.0

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