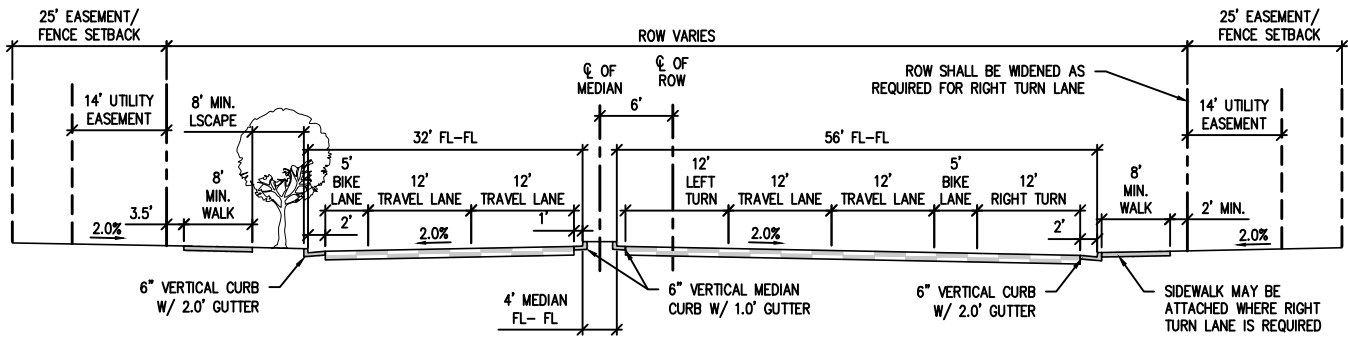


LINK



INTERSECTION

ROADWAY WIDTH: 80' BETWEEN INTERSECTIONS; WIDEN AT INTERSECTION AS NEEDED.

RIGHT OF WAY WIDTH: 120' MIN. BETWEEN INTERSECTIONS; WIDEN AT INTERSECTIONS AS NEEDED.

TRAVEL LANES: 4 LANES AT 12' WIDE (EXCLUSIVE OF GUTTER OR MIN. 12' WHERE NO GUTTER).

LEFT TURN LANE: 12' WIDE, REQUIRED AT INTERSECTION.

BIKE LANES: 2 LANES, 5' WIDE MIN. (EXCLUSIVE OF GUTTER).

PARKING: NONE

SIDEWALK: 8' MIN. WIDE IF DETACHED BY AT LEAST 8'. ADDITIONAL WIDTH MAY BE REQUIRED FOR HIGHER PEDESTRIAN TRAFFIC IN AND LEADING TO ACTIVITY AREAS.

MEDIAN: 16' WIDE (FLOWLINE TO FLOWLINE), 4' IN LEFT TURN AREA. COLORED CONCRETE OR LANDSCAPED.

DESIGN SPEED: 50 MPH

POSTED SPEED: 40 MPH

ACCESS: NO PRIMARY ACCESS TO INDIVIDUAL LOTS PERMITTED. 1/2 MILE SPACING TO SIGNALIZED INTERSECTIONS IS REQUIRED.

CONTINUITY: UNLIMITED.

FENCES: FENCES SHALL BE PLACED OUTSIDE OF THE LANDSCAPING AND PEDESTRIAN EASEMENT. (25' FROM ROW)

LANDSCAPING: TREE LAWN, MEDIAN, AND BUFFER AREA LANDSCAPING MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE ADJACENT PROPERTY OWNER OR HOA.

CURB AND GUTTER: VERTICAL CURB AND GUTTER.

CR 9.5 (HIGH PLANS BOULEVARD): ADDITIONAL REQUIREMENTS MAY APPLY. SEE CDOT FOR SPECIFIC DESIGN CRITERIA.

SCALE: NTS

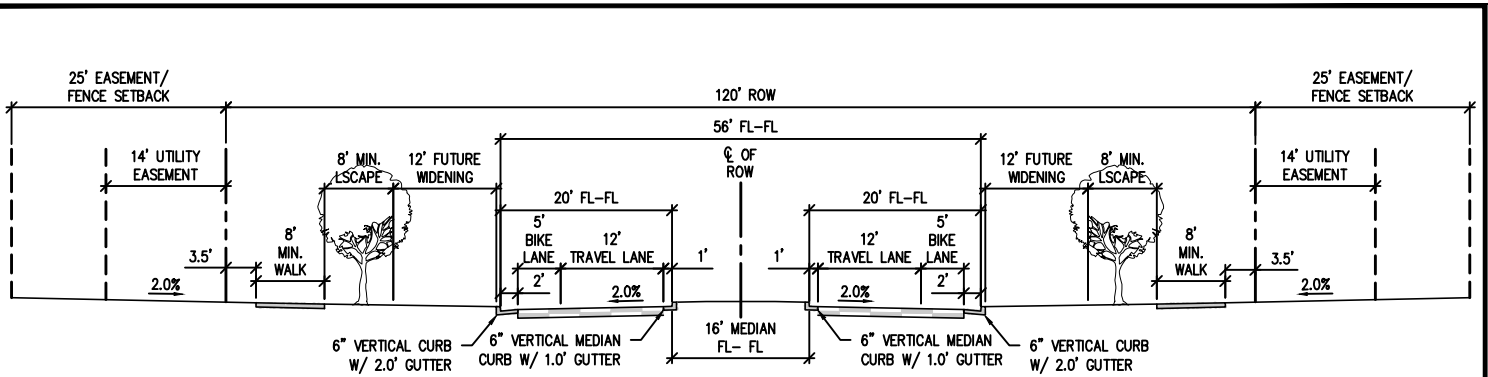


TOWN OF MEAD STANDARD DESIGN CRITERIA

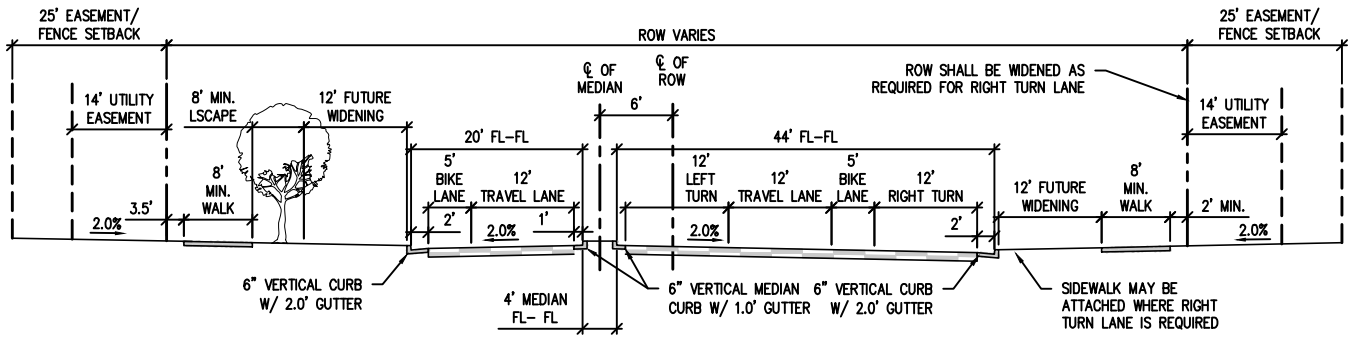
4-LANE MAJOR ARTERIAL STREET

D3.01A

DATE: 04/2021



LINK



INTERSECTION

ROADWAY WIDTH: 56' BETWEEN INTERSECTIONS; WIDEN AT INTERSECTION AS NEEDED.

RIGHT OF WAY WIDTH: 120' MIN. BETWEEN INTERSECTIONS; WIDEN AT INTERSECTIONS AS NEEDED.

TRAVEL LANES: 2 LANES AT 12' WIDE (EXCLUSIVE OF GUTTER OR MIN. 12' WHERE NO GUTTER).

LEFT TURN LANE: 12' WIDE, REQUIRED AT INTERSECTION.

BIKE LANES: 2 LANES, 5' WIDE MIN. (EXCLUSIVE OF GUTTER).

PARKING: NONE

SIDEWALK: 8' MIN. WIDE IF DETACHED BY AT LEAST 8'. ADDITIONAL WIDTH MAY BE REQUIRED FOR HIGHER PEDESTRIAN TRAFFIC IN AND LEADING TO ACTIVITY AREAS.

MEDIAN: 16' WIDE (FLOWLINE TO FLOWLINE), 4' IN LEFT TURN AREA. COLORED CONCRETE OR LANDSCAPED.

DESIGN SPEED: 50 MPH

POSTED SPEED: 40 MPH

ACCESS: NO PRIMARY ACCESS TO INDIVIDUAL LOTS PERMITTED. 1/2 MILE SPACING TO SIGNALIZED INTERSECTIONS IS REQUIRED.

CONTINUITY: UNLIMITED.

FENCES: FENCES SHALL BE PLACED OUTSIDE OF THE LANDSCAPING AND PEDESTRIAN EASEMENT. (25' FROM ROW)

LANDSCAPING: TREE LAWN, MEDIAN, AND BUFFER AREA LANDSCAPING MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE ADJACENT PROPERTY OWNER OR HOA.

CURB AND GUTTER: VERTICAL CURB AND GUTTER.

CR 9.5 (HIGH PLANS BOULEVARD): ADDITIONAL REQUIREMENTS MAY APPLY. SEE CDOT FOR SPECIFIC DESIGN CRITERIA.

SCALE: NTS

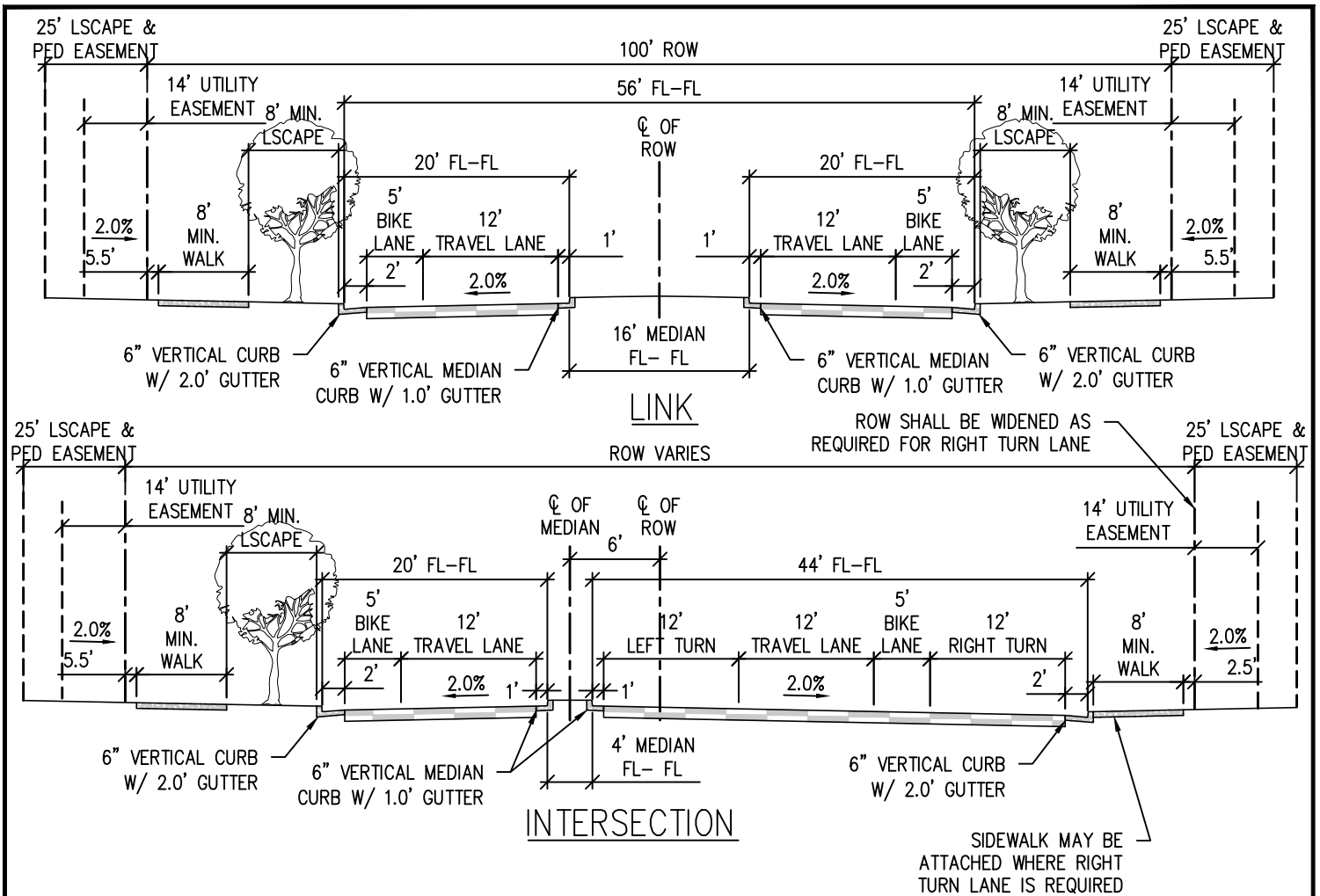


TOWN OF MEAD STANDARD DESIGN CRITERIA

2-LANE MAJOR ARTERIAL STREET

D3.01B

DATE: 04/2021



- ROADWAY WIDTH:** 56' BETWEEN INTERSECTIONS; WIDEN AT INTERSECTIONS AS NEEDED.
- RIGHT OF WAY WIDTH:** 100' MIN. BETWEEN INTERSECTIONS; WIDEN AT INTERSECTIONS AS NEEDED.
- TRAVEL LANES:** 2 LANES AT 12' WIDE (EXCLUSIVE OF GUTTER).
- LEFT TURN LANE:** 12' WIDE, REQUIRED AT INTERSECTION.
- BIKE LANES:** 2 LANES, 5' WIDE MIN. (EXCLUSIVE OF GUTTER).
- PARKING:** NONE.
- SIDEWALK:** 8' MIN. WIDE IF DETACHED BY AT LEAST 8'. ADDITIONAL WIDTH MAY BE REQUIRED FOR HIGHER PEDESTRIAN TRAFFIC IN OR IF ATTACHED TO ACTIVITY AREAS. 8' MIN. WIDE DETACHED FOR REDEVELOPMENT.
- MEDIAN:** 16' WIDE (FLOWLINE TO FLOWLINE), 4' IN LEFT TURN AREA. COLORED CONCRETE OR LANDSCAPED.
- DESIGN SPEED:** 45 MPH
- POSTED SPEED:** 40 MPH
- ACCESS:** NO PRIMARY ACCESS TO INDIVIDUAL LOTS PERMITTED. 1/4 MILE SPACING TO SIGNALIZED INTERSECTIONS IS REQUIRED.
- CONTINUITY:** UNLIMITED.
- FENCES:** FENCES SHALL BE PLACED OUTSIDE OF THE LANDSCAPING. (25' FROM ROW)
- LANDSCAPING:** TREE LAWN, MEDIAN, AND BUFFER AREA LANDSCAPING MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE ADJACENT PROPERTY OWNER OR HOA.
- CURB AND GUTTER:** VERTICAL CURB AND GUTTER.

SCALE: NTS

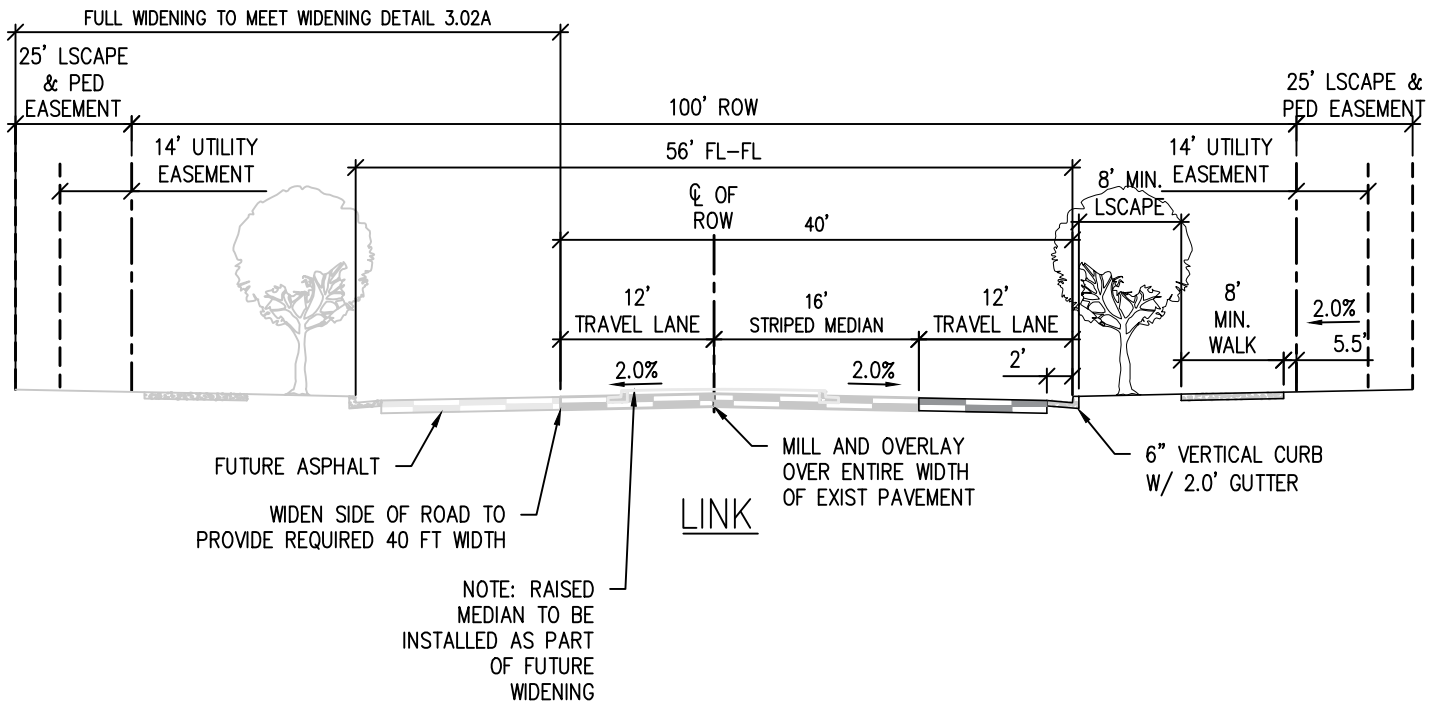


TOWN OF MEAD STANDARD DESIGN CRITERIA

2-LANE MINOR ARTERIAL STREET

D3.02A

DATE: 04/2021



ROADWAY WIDTH: 56' BETWEEN INTERSECTIONS; WIDEN AT INTERSECTIONS AS NEEDED.

RIGHT OF WAY WIDTH: 100' MIN. BETWEEN INTERSECTIONS; WIDEN AT INTERSECTIONS AS NEEDED.

TRAVEL LANES: 2 LANES AT 12' WIDE (EXCLUSIVE OF GUTTER).

LEFT TURN LANE: 12' WIDE, REQUIRED AT INTERSECTION.

BIKE LANES: 2 LANES, 5' WIDE MIN. (EXCLUSIVE OF GUTTER).

PARKING: NONE.

SIDEWALK: 8' MIN. WIDE IF DETACHED BY AT LEAST 8'. ADDITIONAL WIDTH MAY BE REQUIRED FOR HIGHER PEDESTRIAN TRAFFIC IN AND LEADING TO ACTIVITY AREAS. 8' MIN. WIDE DETACHED FOR REDEVELOPMENT.

MEDIAN: 16' WIDE (FLOWLINE TO FLOWLINE), 4' IN LEFT TURN AREA. COLORED CONCRETE OR LANDSCAPED.

DESIGN SPEED: 45 MPH

POSTED SPEED: 40 MPH

ACCESS: NO PRIMARY ACCESS TO INDIVIDUAL LOTS PERMITTED. 1/4 MILE SPACING TO SIGNALIZED INTERSECTIONS IS REQUIRED.

CONTINUITY: UNLIMITED.

FENCES: FENCES SHALL BE PLACED OUTSIDE OF THE LANDSCAPING. (25' FROM ROW)

LANDSCAPING: TREE LAWN, MEDIAN, AND BUFFER AREA LANDSCAPING MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE ADJACENT PROPERTY OWNER OR HOA.

CURB AND GUTTER: VERTICAL CURB AND GUTTER.

MILL AND OVERLAY: IF DEPTH OF PAVEMENT DOES NOT ALLOW FOR A MILL AND OVERLAY A FULL DEPTH REPLACEMENT IS REQUIRED

SCALE: NTS

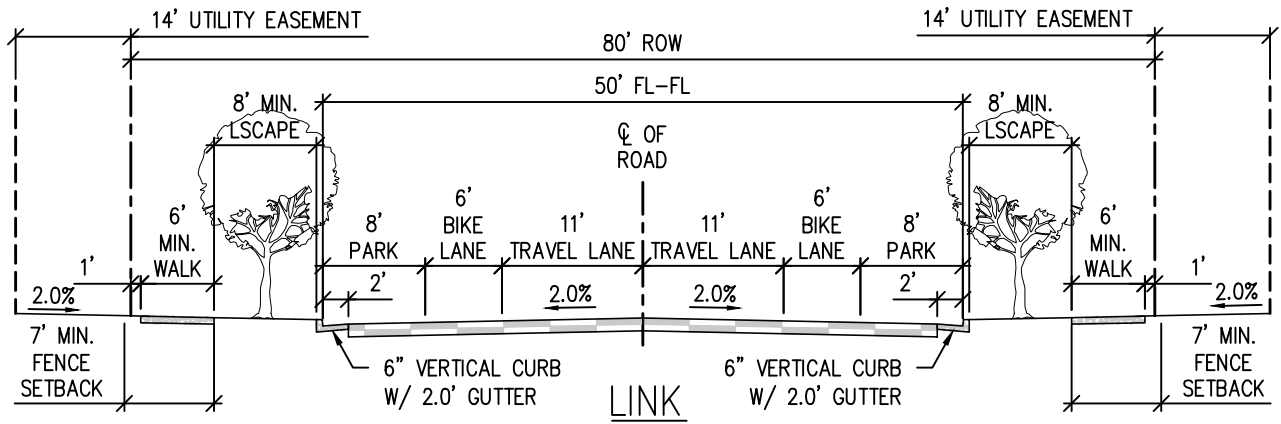


TOWN OF MEAD STANDARD DESIGN CRITERIA

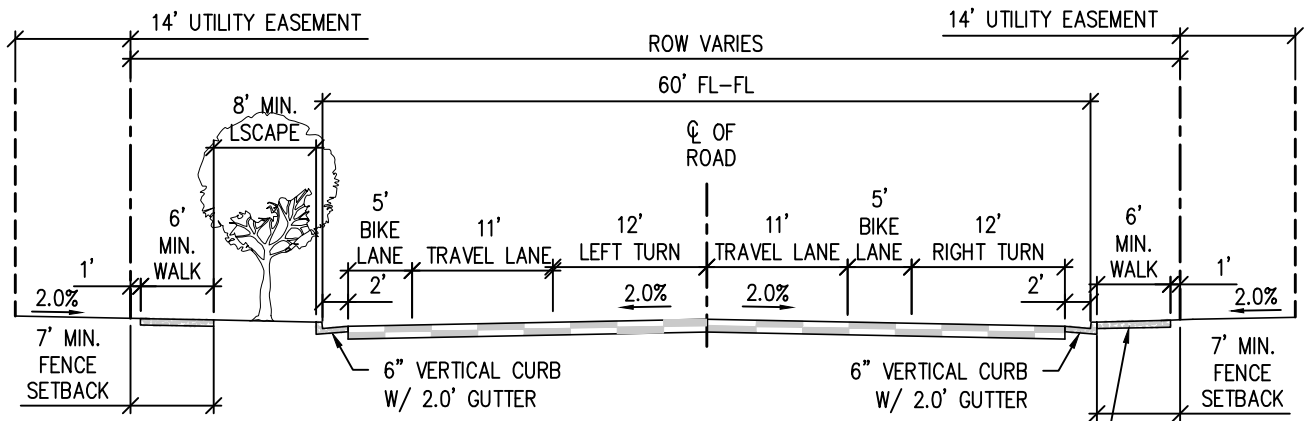
2-LANE MINOR ARTERIAL STREET HALF SECTION

D3.02B

DATE: 04/2021



LINK



INTERSECTION

SIDEWALK MAY BE ATTACHED WHERE RIGHT TURN LANE IS REQUIRED

ROADWAY WIDTH: 50' BETWEEN INTERSECTIONS; WIDEN AT INTERSECTIONS AS NEEDED.

RIGHT OF WAY WIDTH: 80' MIN. BETWEEN INTERSECTIONS; WIDEN AT INTERSECTIONS AS NEEDED.

TRAVEL LANES: 2 LANES AT 11' WIDE (EXCLUSIVE OF GUTTER OR MIN. 12' WHERE NO GUTTER).

LEFT TURN LANE: 12' WIDE, AT INTERSECTION WHERE NEEDED.

BIKE LANES: 2 LANES, 6' WIDE MIN. (EXCLUSIVE OF GUTTER). 7' WIDE WHERE ADJACENT TO CURB.

PARKING: TWO LANES, 8' WIDE (MIN.); PARKING MAY BE REMOVED AT CERTAIN LOCATIONS TO PROVIDE A LEFT TURN LANE WHERE NEEDED.

SIDEWALK: 6' MIN. WIDE (MIN.) ADDITIONAL WIDTH MAY BE REQUIRED IF ATTACHED OR FOR HIGHER PEDESTRIAN TRAFFIC IN OR LEADING TO ACTIVITY AREAS.

MEDIAN: NOT REQUIRED, EXCEPT WHERE NECESSARY TO CONTROL ACCESS AND/OR TO PROVIDE PEDESTRIAN REFUGE. ADDITIONAL ROADWAY AND ROW WIDTH MAY BE REQUIRED.

DESIGN SPEED: 40 MPH

POSTED SPEED: 25-30 MPH

ACCESS: ACCESS WILL BE LIMITED. POINTS OF ACCESS MUST BE APPROVED BY THE LOCAL ENTITY.

CONTINUITY: THE STREET SHALL BE CONTINUOUS FOR NO MORE THAN 1,320 FT.

FENCES: FENCES SHALL BE PLACED OUTSIDE OF THE ROW.

LANDSCAPING: TREE LAWN, MEDIAN, AND BUFFER AREA LANDSCAPING MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE ADJACENT PROPERTY OWNER OR HOA.

CURB AND GUTTER: VERTICAL CURB AND GUTTER.

SCALE: NTS

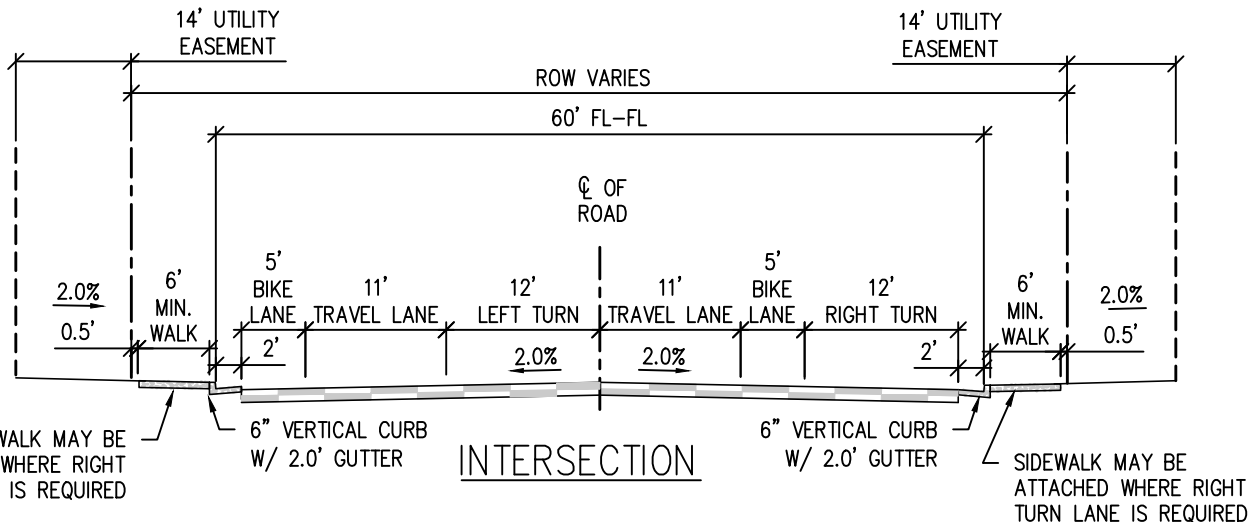
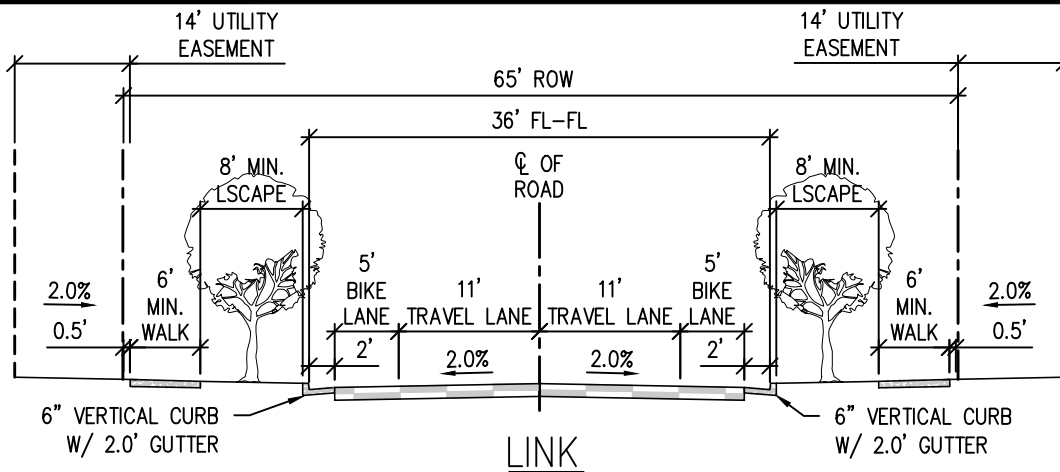


TOWN OF MEAD STANDARD DESIGN CRITERIA

MAJOR RESIDENTIAL COLLECTOR AND
BUSINESS COLLECTOR STREET

D3.03

DATE: 04/2021



ROADWAY WIDTH: 36' BETWEEN INTERSECTIONS; WIDEN AT INTERSECTIONS AS NEEDED.

RIGHT OF WAY WIDTH: 68' MIN. BETWEEN INTERSECTIONS; WIDEN AT INTERSECTIONS AS NEEDED.

TRAVEL LANES: 2 LANES AT 11' WIDE (EXCLUSIVE OF GUTTER OR MIN. 12' WHERE NO GUTTER).

LEFT TURN LANE: 12' WIDE, REQUIRED AT INTERSECTION.

BIKE LANES: 2 LANES, 7' WIDE MIN. (EXCLUSIVE OF GUTTER).

PARKING: NONE.

SIDEWALK: 6' MIN. WIDE (MIN.) ADDITIONAL WIDTH MAY BE REQUIRED IF ATTACHED OR FOR HIGHER PEDESTRIAN TRAFFIC IN OR LEADING TO ACTIVITY AREAS.

MEDIAN: NOT REQUIRED, EXCEPT WHERE NECESSARY TO CONTROL ACCESS AND/OR TO PROVIDE PEDESTRIAN REFUGE. ADDITIONAL ROADWAY AND ROW WIDTH MAY BE REQUIRED.

DESIGN SPEED: 40 MPH

POSTED SPEED: 25-30 MPH

ACCESS: ACCESS WILL BE LIMITED. POINTS OF ACCESS MUST BE APPROVED BY THE LOCAL ENTITY.

CONTINUITY: THE STREET SHALL BE CONTINUOUS FOR NO MORE THAN 1,320 FT.

FENCES: FENCES SHALL BE PLACED OUTSIDE OF THE ROW.

LANDSCAPING: TREE LAWN, MEDIAN, AND BUFFER AREA LANDSCAPING MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE ADJACENT PROPERTY OWNER OR HOA.

CURB AND GUTTER: VERTICAL CURB AND GUTTER.

SCALE: NTS

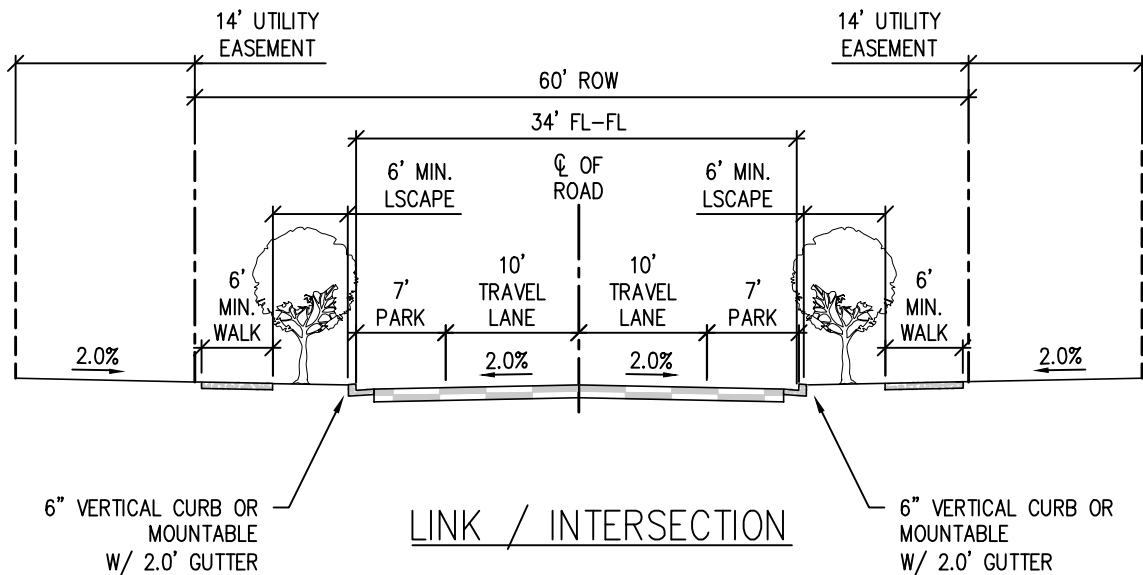


TOWN OF MEAD STANDARD DESIGN CRITERIA

MINOR COLLECTOR STREET

D3.04

DATE: 04/2021



ROADWAY WIDTH: 36' BETWEEN INTERSECTIONS; WIDEN AT INTERSECTIONS AS NEEDED.

RIGHT OF WAY WIDTH: 50' MIN.

TRAVEL LANES: 2 LANES AT 11' WIDE (EXCLUSIVE OF GUTTER OR MIN. 12' WHERE NO GUTTER).

LEFT TURN LANE: NONE.

BIKE LANES: SHARED STREET.

PARKING: TWO LANES, 7' WIDE SHARED WITH BIKE LANE.

SIDEWALK: 6' MIN. WIDE (MIN.) ADDITIONAL WIDTH MAY BE REQUIRED IF ATTACHED OR FOR HIGHER PEDESTRIAN TRAFFIC IN OR LEADING TO ACTIVITY AREAS.

MEDIAN: NOT REQUIRED, EXCEPT WHERE NECESSARY TO CONTROL ACCESS AND/OR TO PROVIDE PEDESTRIAN REFUGE. ADDITIONAL ROADWAY AND ROW WIDTH MAY BE REQUIRED.

DESIGN SPEED: 25 MPH

POSTED SPEED: 25 MPH

ACCESS: NO LIMIT.

CONTINUITY: THE STREET SHALL BE CONTINUOUS FOR NO MORE THAN 660 FT.

FENCES: FENCES SHALL BE PLACED OUTSIDE OF THE ROW.

LANDSCAPING: TREE LAWN, MEDIAN, AND BUFFER AREA LANDSCAPING MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE ADJACENT PROPERTY OWNER OR HOA.

CURB AND GUTTER: VERTICAL OR MOUNTABLE CURB AND GUTTER.

SCALE: NTS

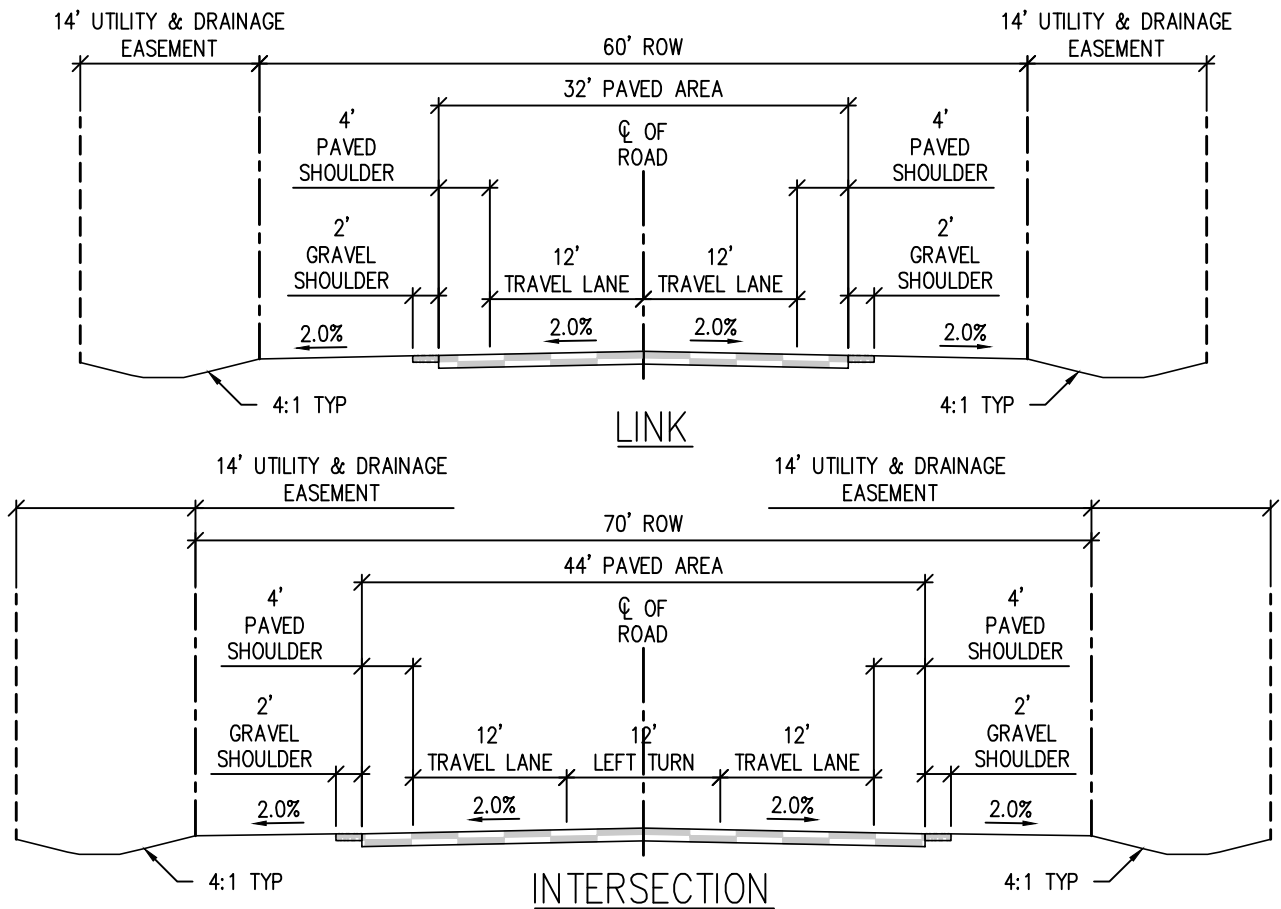


TOWN OF MEAD STANDARD DESIGN CRITERIA

RESIDENTIAL LOCAL STREET

D3.05

DATE: 04/2021



ROADWAY WIDTH: 32' BETWEEN INTERSECTIONS; 44' AT INTERSECTIONS WITH TURN LANE.

RIGHT OF WAY WIDTH: 60' MIN. BETWEEN INTERSECTIONS; WIDEN TO 70' AT INTERSECTIONS.

TRAVEL LANES: 2 LANES AT 12' WIDE.

LEFT TURN LANE: NONE.

BIKE LANES: SHARED STREET OR ON PAVED SHOULDER.

PARKING: NO PARKING PERMITTED ON ARTERIAL ROADS, SHOULDER MAY BE USED FOR OTHER ROADS.

SIDEWALK: NONE.

MEDIAN: NOT REQUIRED, EXCEPT WHERE NECESSARY TO CONTROL ACCESS AND/OR TO PROVIDE PEDESTRIAN REFUGE. ADDITIONAL ROADWAY AND ROW WIDTH MAY BE REQUIRED.

WHERE USED: THESE SPECIFICATIONS MAY BE USED FOR ESTATE TYPE DEVELOPMENTS GROSS DENSITY ≤ 2 DWELLING UNITS / ACRE OR WITHIN SEPARATOR OR TRANSITION AREAS AS RECOMMENDED IN OTHER STUDIES ADOPTED BY LOCAL ENTITIES.

DESIGN SPEED: ARTERIAL 45 MPH; COLLECTOR 40 MPH; LOCAL 30 MPH

POSTED SPEED: ARTERIAL 40 MPH; COLLECTOR 35 MPH; LOCAL 25 MPH

ACCESS: NO LIMIT.

CONTINUITY: UNLIMITED.

FENCES: NONE.

LANDSCAPING: NATIVE GRASS.

DRAINAGE MAINTENANCE: MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE ADJACENT PROPERTY OWNER OR HOA

CURB AND GUTTER: NONE.

SCALE: NTS



TOWN OF MEAD STANDARD DESIGN CRITERIA

RURAL ROAD

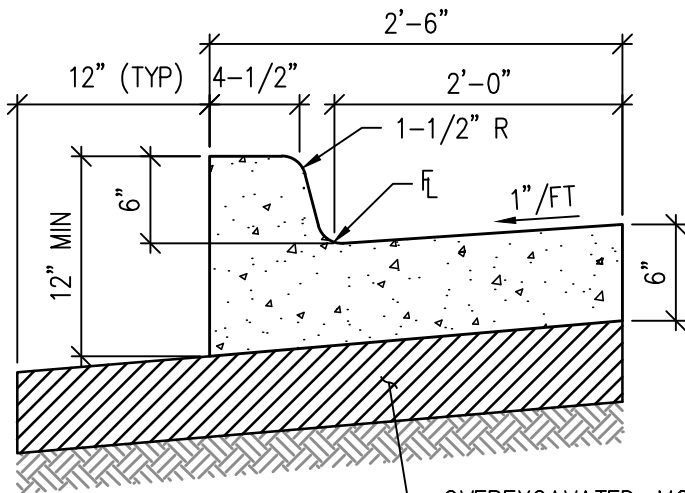
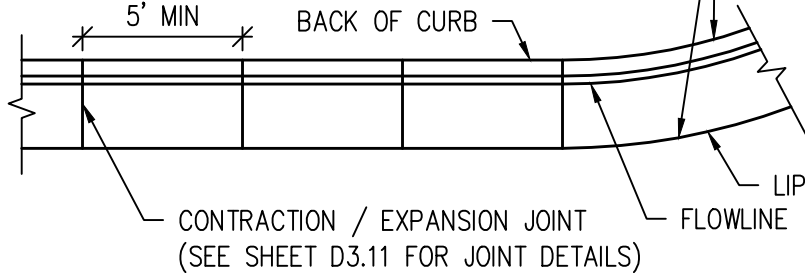
D3.06

DATE: 04/2021

EXPANSION JOINT FOR CONC PAVEMENT JOINTS
 NOT REQUIRED FOR LANDSCAPE OR ASPHALT
 (SEE SHEET D3.11 FOR JOINT DETAILS)

10' MAX
 5' MIN

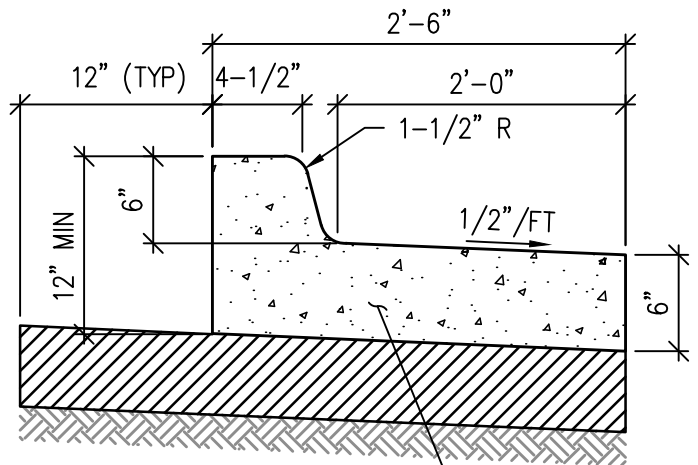
BACK OF CURB



CATCH

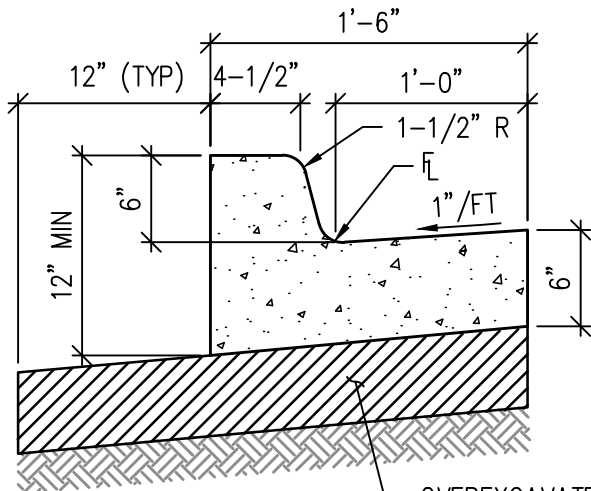
OVEREXCAVATED, MOISTURE-TREATED, AND
 RECOMPACTED SUBGRADE PER SPECIFICATIONS, (TYP)

2.0' CURB AND GUTTER



SPILL

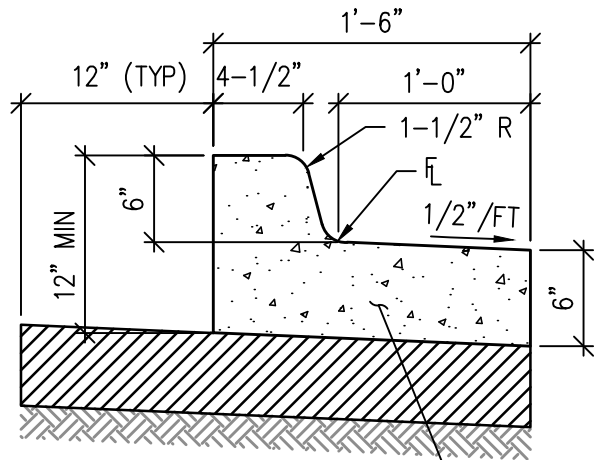
CONCRETE
 CURB AND
 GUTTER (TYP)



CATCH

OVEREXCAVATED, MOISTURE-TREATED, AND
 RECOMPACTED SUBGRADE PER SPECIFICATIONS, (TYP)

1' CURB AND GUTTER (MEDIAN)



SPILL

CONCRETE
 CURB AND
 GUTTER (TYP)

SCALE: NTS

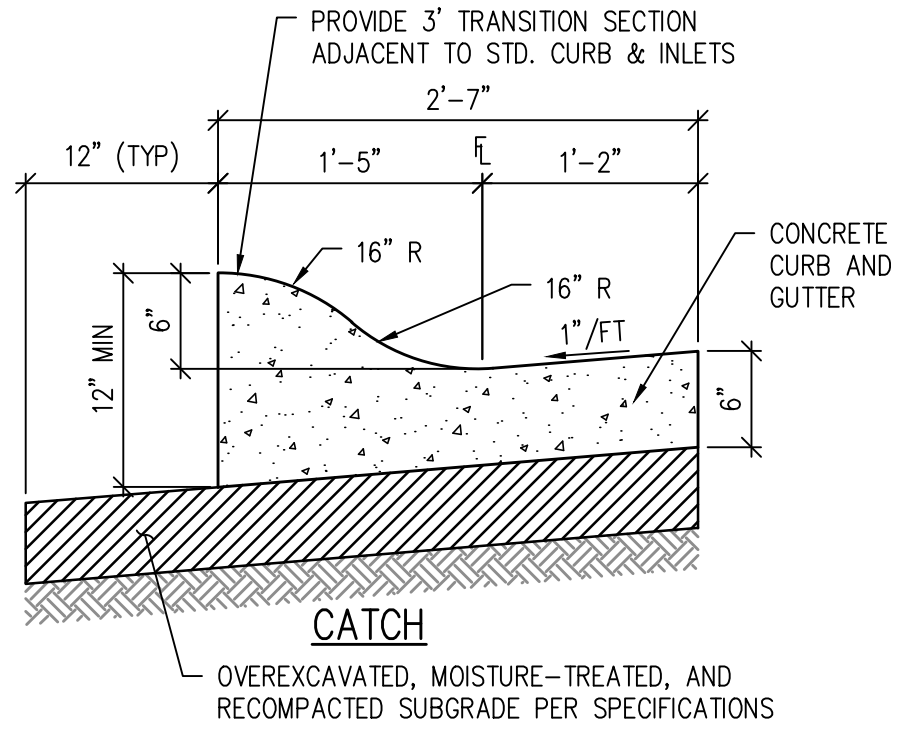
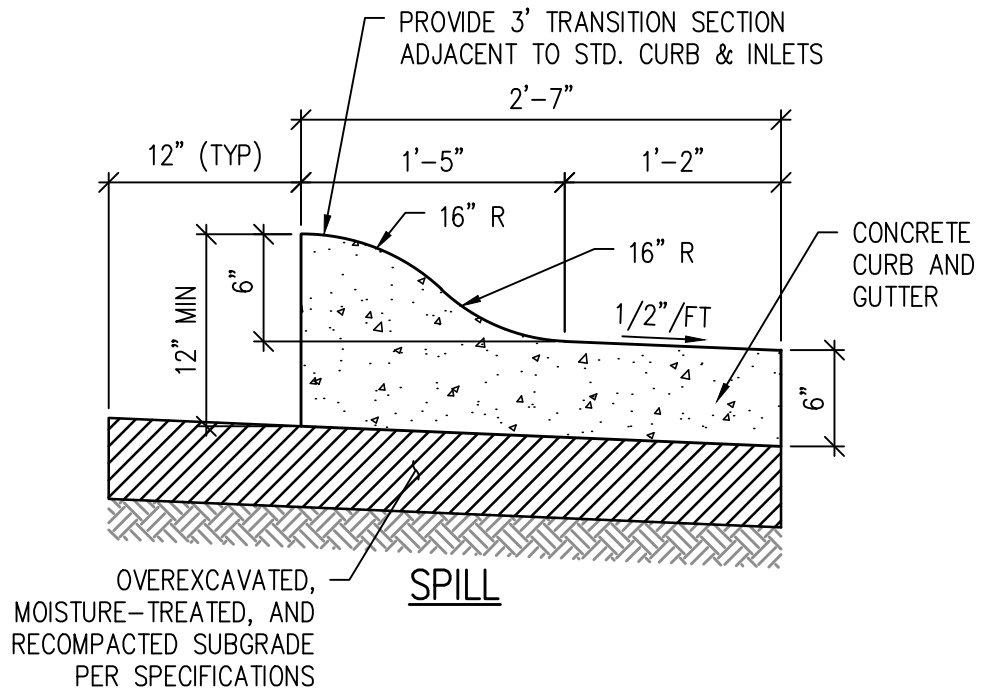


TOWN OF MEAD STANDARD DESIGN CRITERIA

VERTICAL CURB AND GUTTER DETAIL

D3.07

DATE: 04/2021



SCALE: NTS

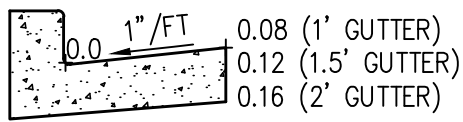
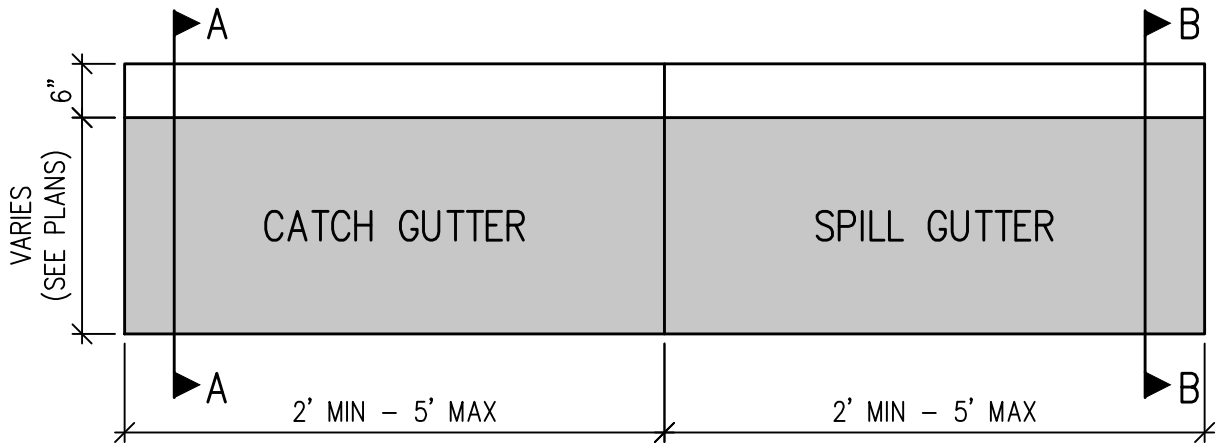
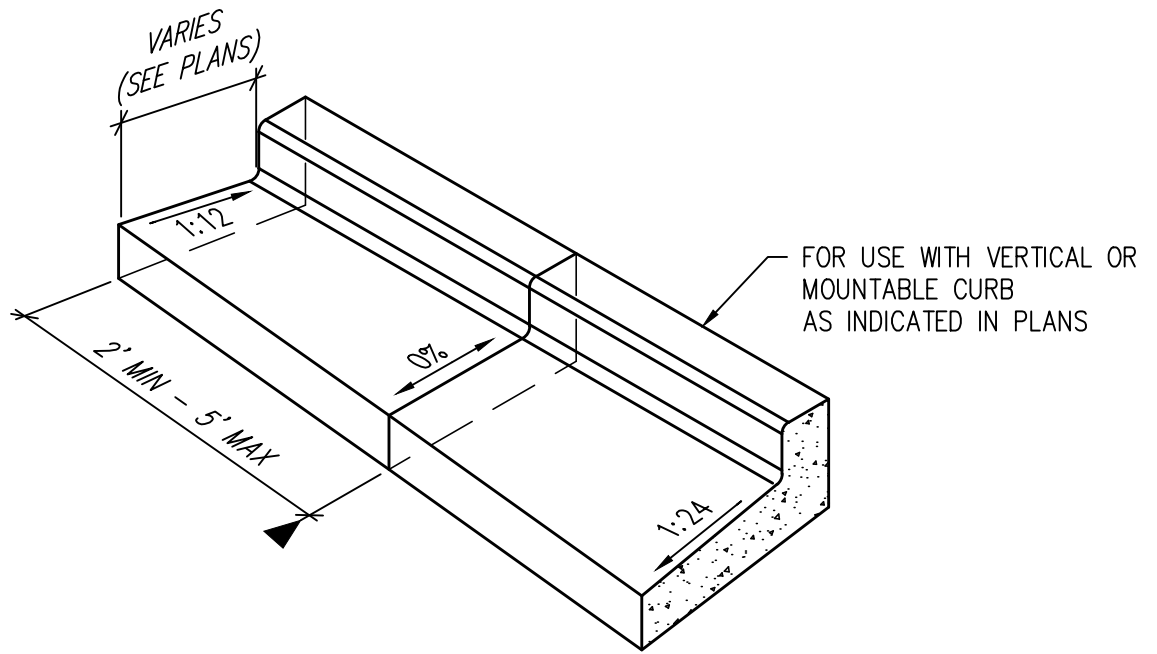


TOWN OF MEAD STANDARD DESIGN CRITERIA

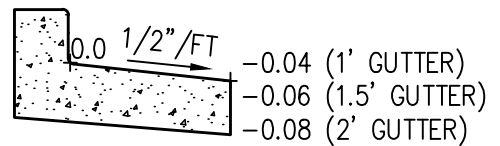
MOUNTABLE CURB AND GUTTER DETAIL

D3.08

DATE: 04/2021



SECTION A-A



SECTION B-B

SCALE: NTS

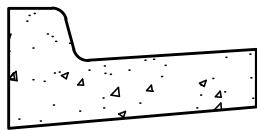
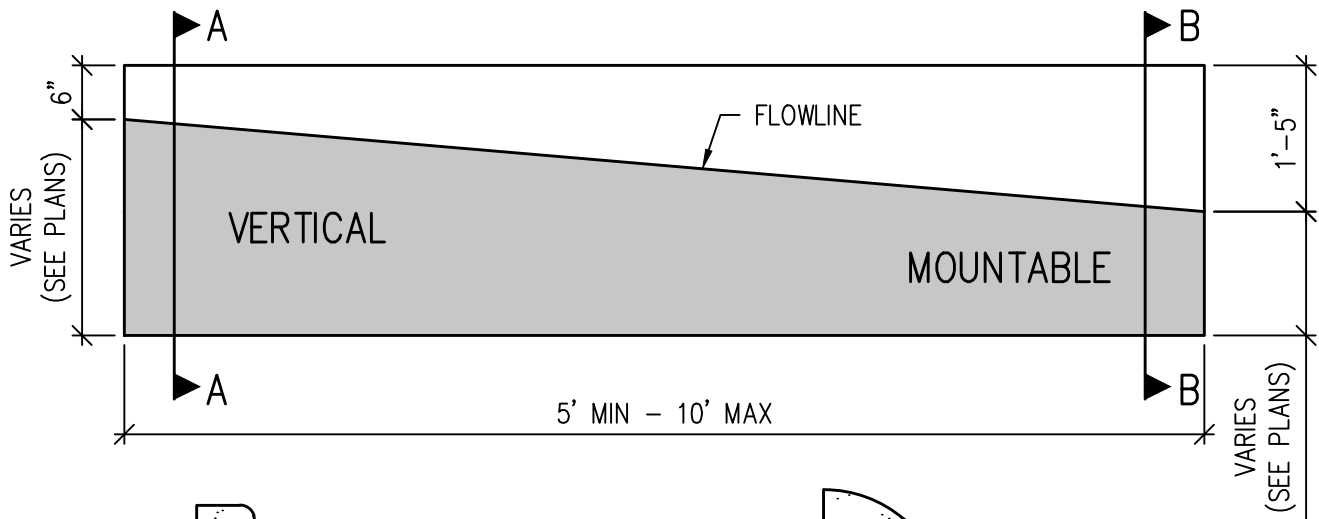
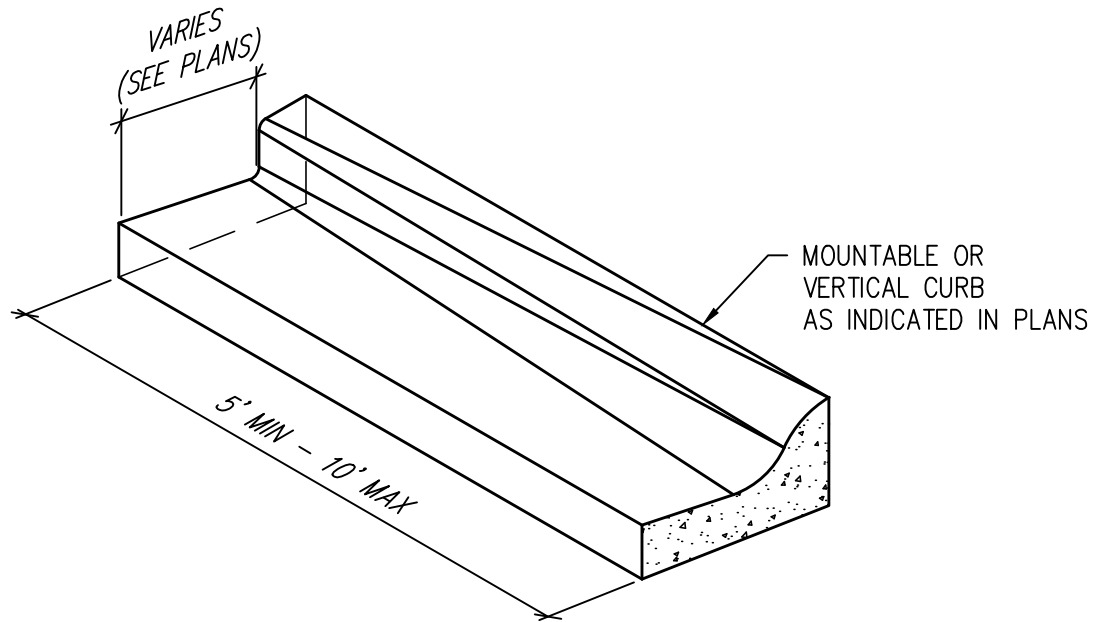


TOWN OF MEAD STANDARD DESIGN CRITERIA

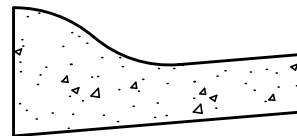
VERTICAL CURB CATCH TO SPILL
TRANSITION DETAIL

D3.09

DATE: 04/2021



VERTICAL CURB
SECTION A-A



MOUNTABLE CURB
SECTION B-B

NOTES:

1. FLOW LINE DIMENSIONS SHALL BE ADJUSTED FOR ALL STREET SECTIONS WHERE MOUNTABLE CURB IS FOUND IN PLACE OF VERTICAL CURB.

SCALE: NTS

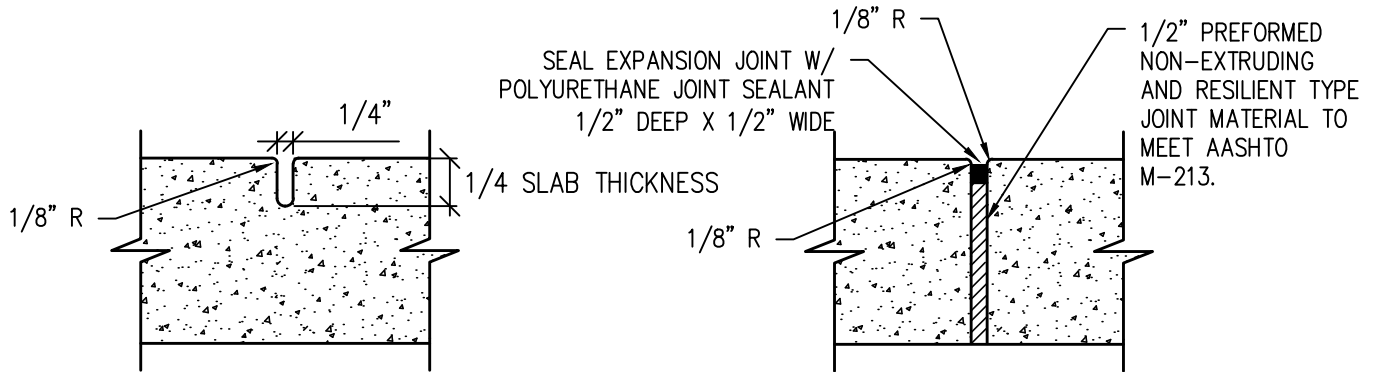
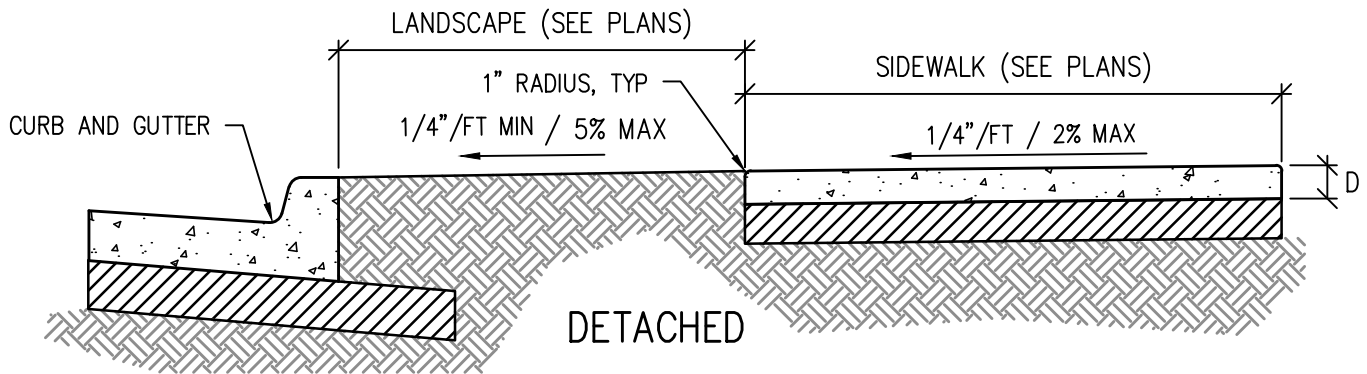
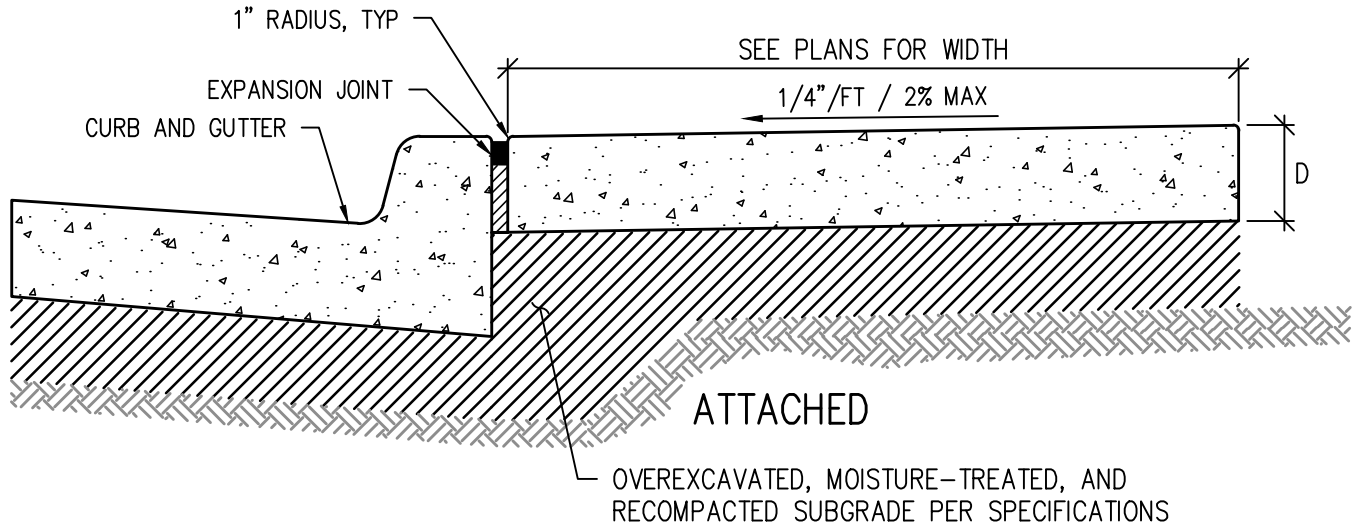


TOWN OF MEAD STANDARD DESIGN CRITERIA

VERTICAL TO MOUNTABLE CURB
TRANSITION DETAIL

D3.10

DATE: 04/2021



WEAKENED PLANE JOINT NOTES:

1. CONSTRUCT SIDEWALK WITH JOINTS AT 10' INTERVALS AND ALIGNED WITH SCORING ON CURB
2. EXPANSION JOINTS SHALL BE INSTALLED WHEN ABUTTING EXISTING CONCRETE OR FIXED STRUCTURE AND BE EVERY 200' ON CENTER, MAX.
3. EXPANSION JOINT MATERIAL SHALL BE 1/2" THICK AND SHALL EXTEND THE FULL DEPTH OF CONTACT SURFACE.
4. CONCRETE DEPTH "D"
 - 6" MIN.
 - 8" MIN. AT COMMERCIAL DRIVE CROSSINGS

SCALE: NTS



TOWN OF MEAD STANDARD DESIGN CRITERIA

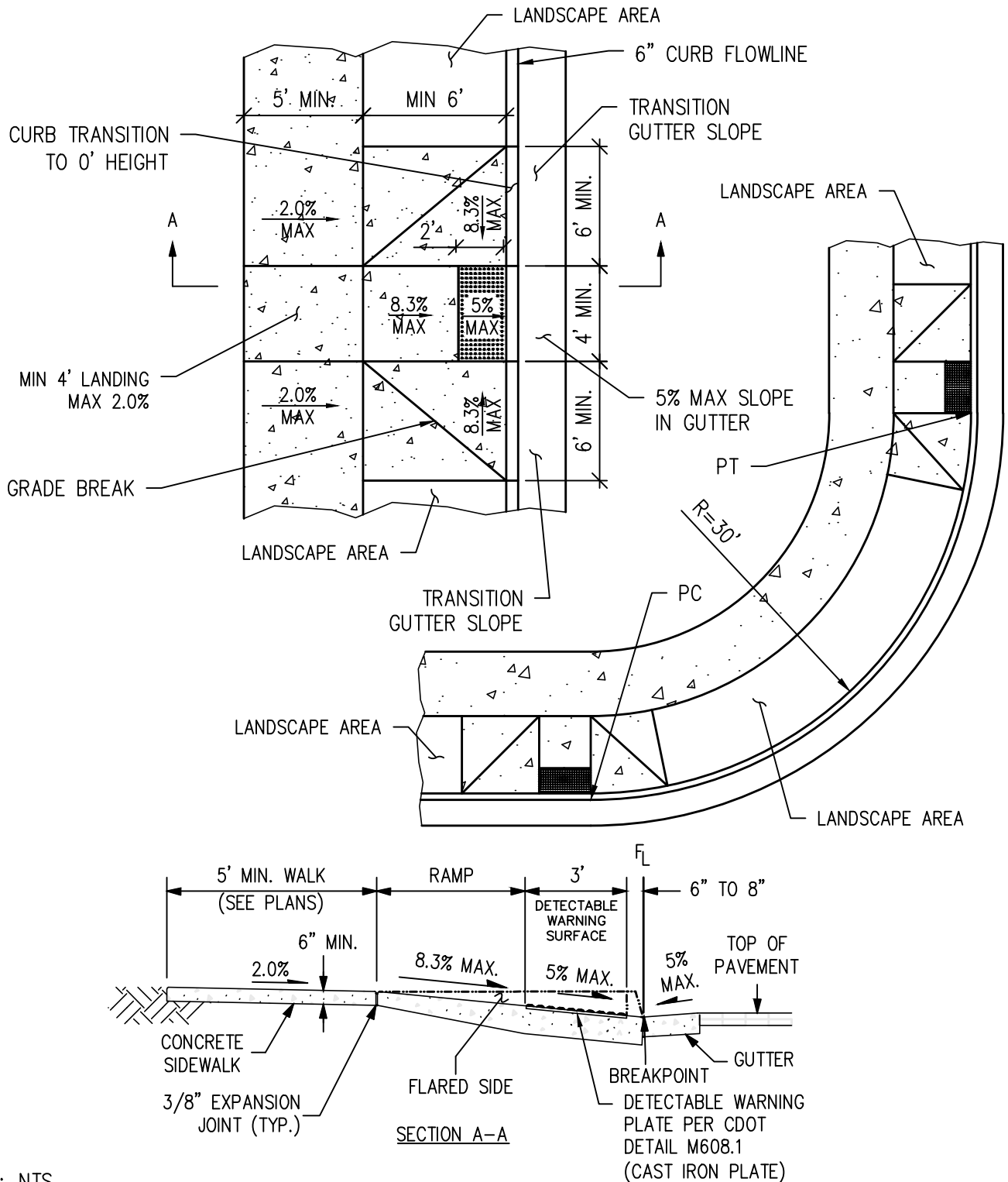
SIDEWALK AND JOINT DETAIL

D3.11

DATE: 04/2021

NOTE:

1. DIRECTIONAL RAMPS TO BE USED FOR INTERSECTIONS WITH A CLASS ABOVE LOCAL-LOCAL.
2. REFER TO CDOT DETAIL M-608-1 FOR NON-MODIFIED VERSION OF CURB RAMP.



SCALE: NTS



TOWN OF MEAD STANDARD DESIGN CRITERIA

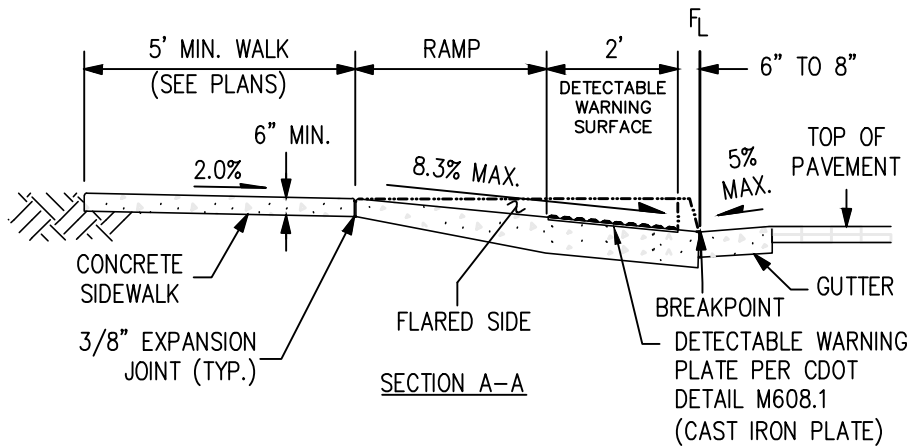
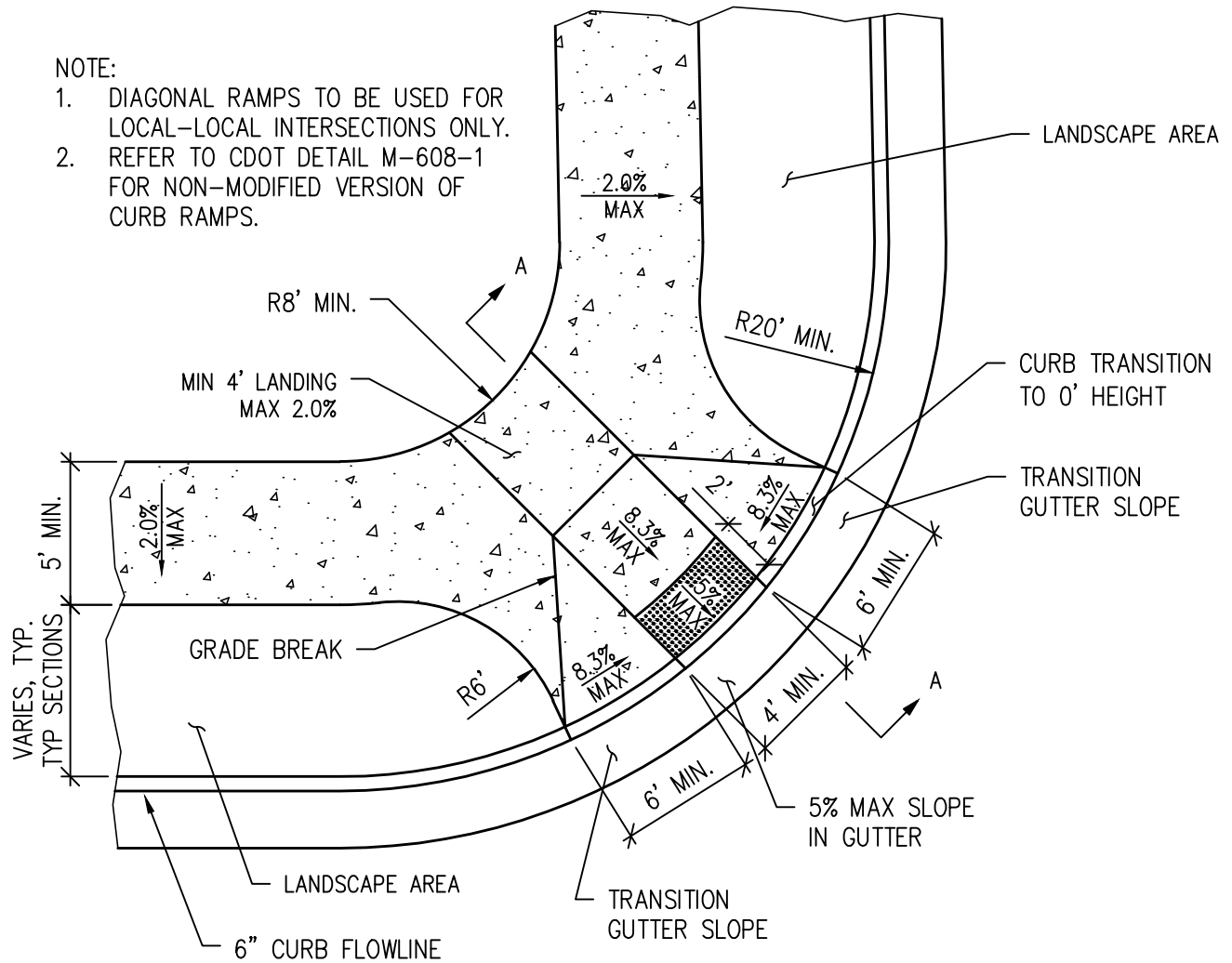
DIRECTIONAL CURB RAMP DETAIL

D3.12

DATE: 04/2021

NOTE:

1. DIAGONAL RAMPS TO BE USED FOR LOCAL-LOCAL INTERSECTIONS ONLY.
2. REFER TO CDOT DETAIL M-608-1 FOR NON-MODIFIED VERSION OF CURB RAMPS.



SCALE: NTS



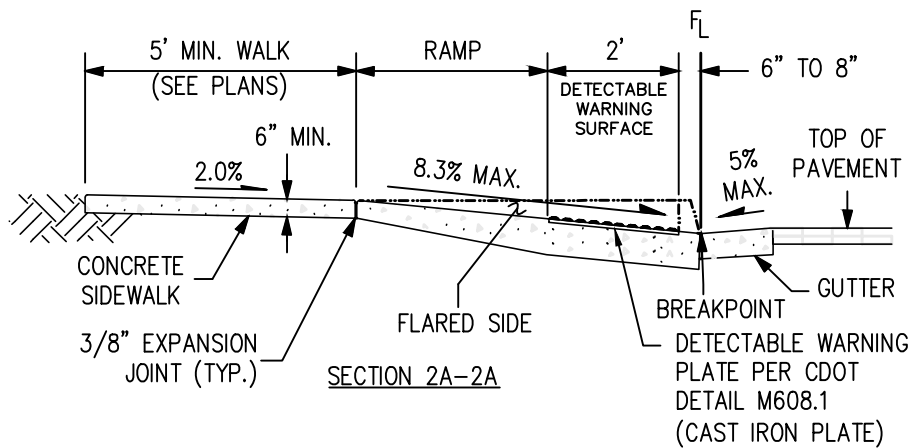
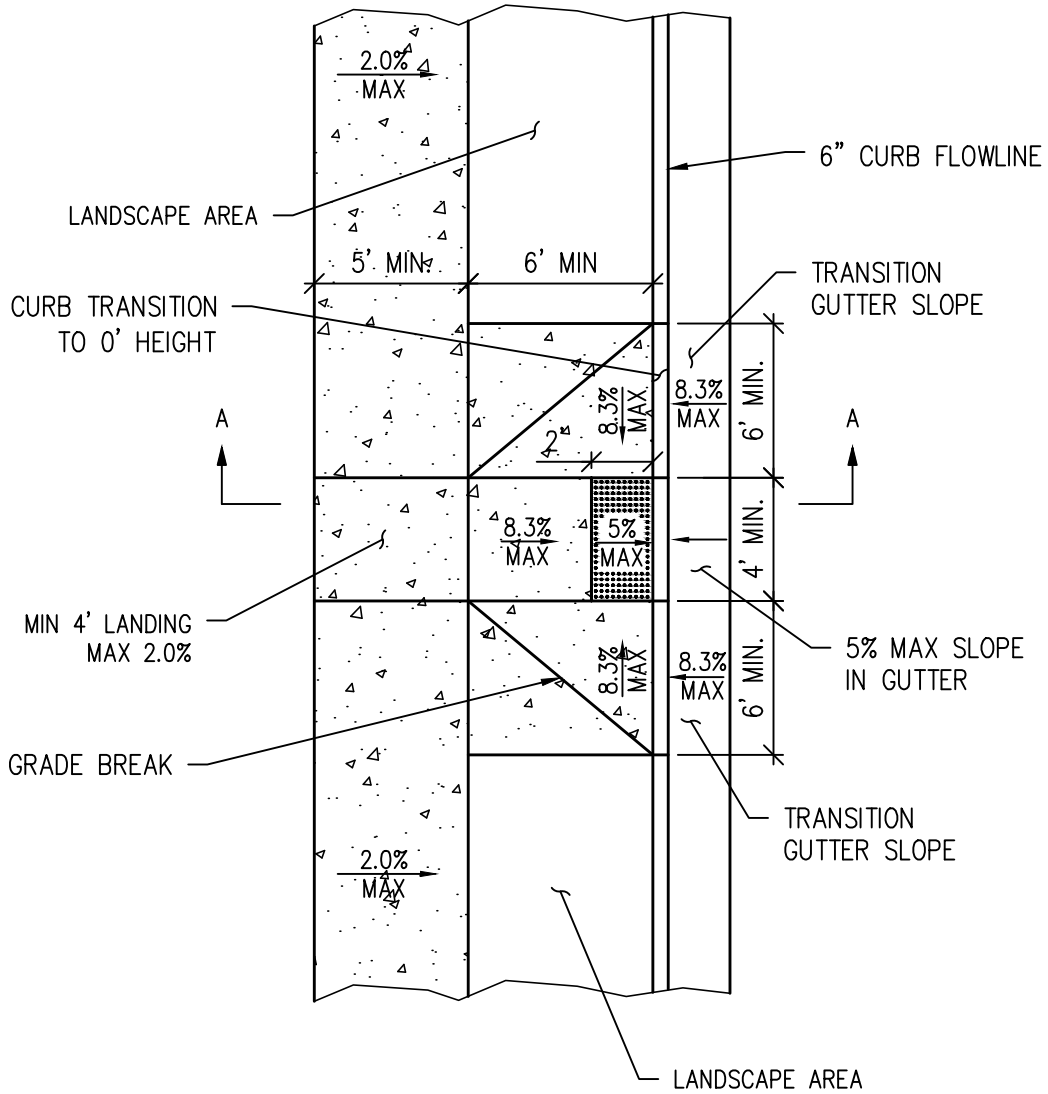
TOWN OF MEAD STANDARD DESIGN CRITERIA

DIAGONAL CURB RAMP DETAIL

D3.13

DATE: 04/2021

NOTE:
 REFER TO CDOT DETAIL M-608-1 FOR
 NON-MODIFIED VERSION OF CURB RAMPS.



SCALE: NTS



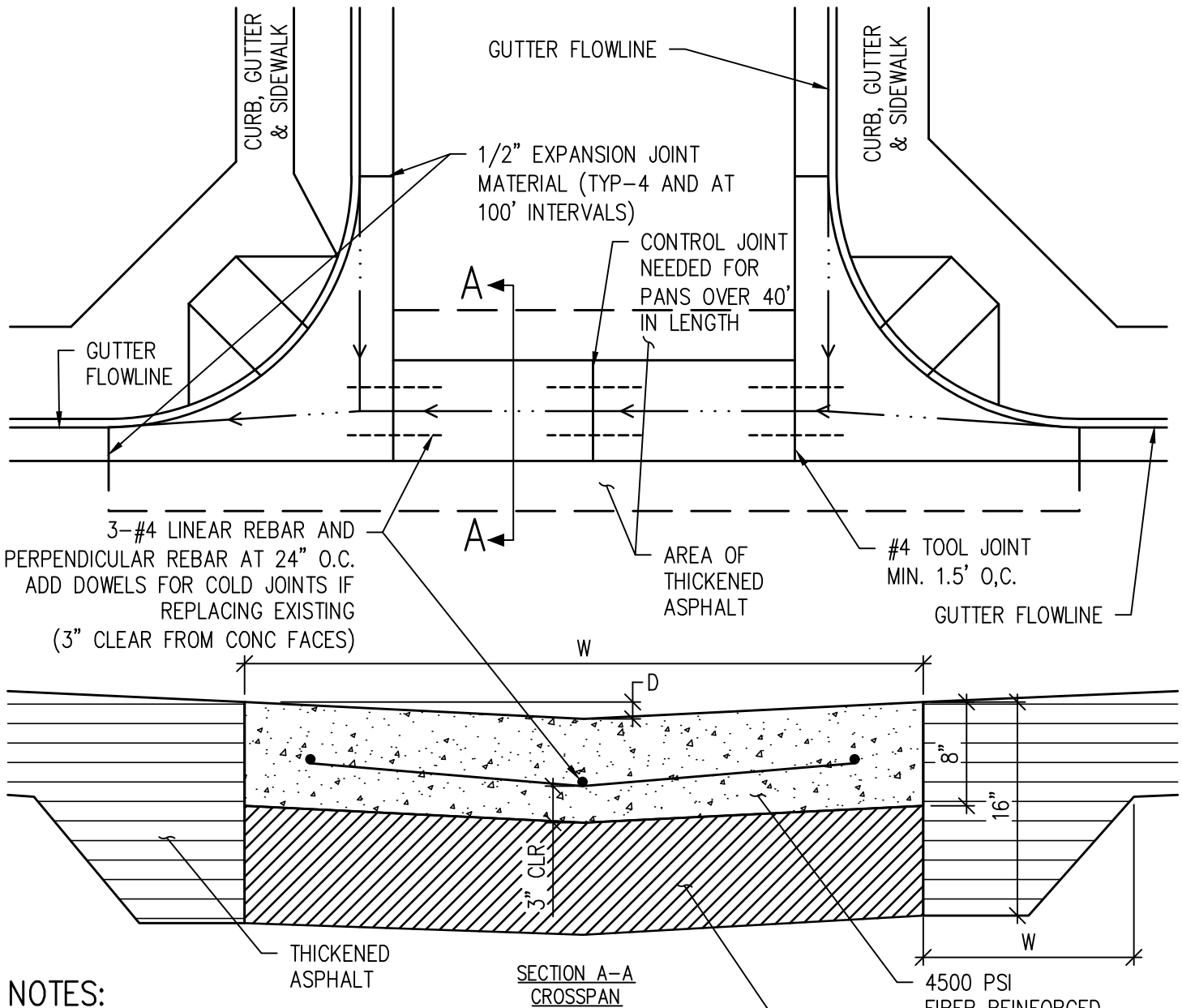
TOWN OF MEAD STANDARD DESIGN CRITERIA

MID-BLOCK CURB RAMP

D3.14

DATE: 04/2021

PARALLEL STREET CLASSIFICATION	CROSS PAN WIDTH (W)	DEPTH OF INVERT	
		D (MIN.)	D (MAX.)
ARTERIAL	10'	1-1/4"	2-1/2"
COLLECTOR	8'	1"	2"
LOCAL	6'	3/4"	1-1/2"



NOTES:

1. CROSSINGS AT RAMPS MUST BE ADA COMPLIANT.
2. SEE PLANS FOR ROAD AND CURB RETURN DIMENSIONS AND ELEVATIONS.
3. APRON SHALL BE Poured MONOLITHICALLY WITH CURB AND GUTTER AND SHALL BE A MINIMUM OF 8" THICK.

OVEREXCAVATED, MOISTURE-TREATED AND RECOMPACTED SUBGRADE PER SPECIFICATIONS

SCALE: NTS

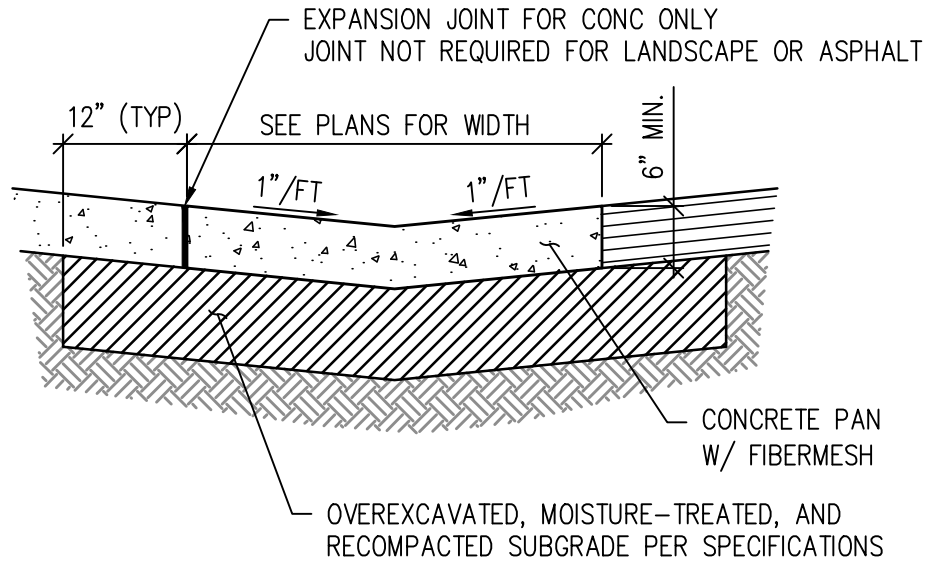


TOWN OF MEAD STANDARD DESIGN CRITERIA

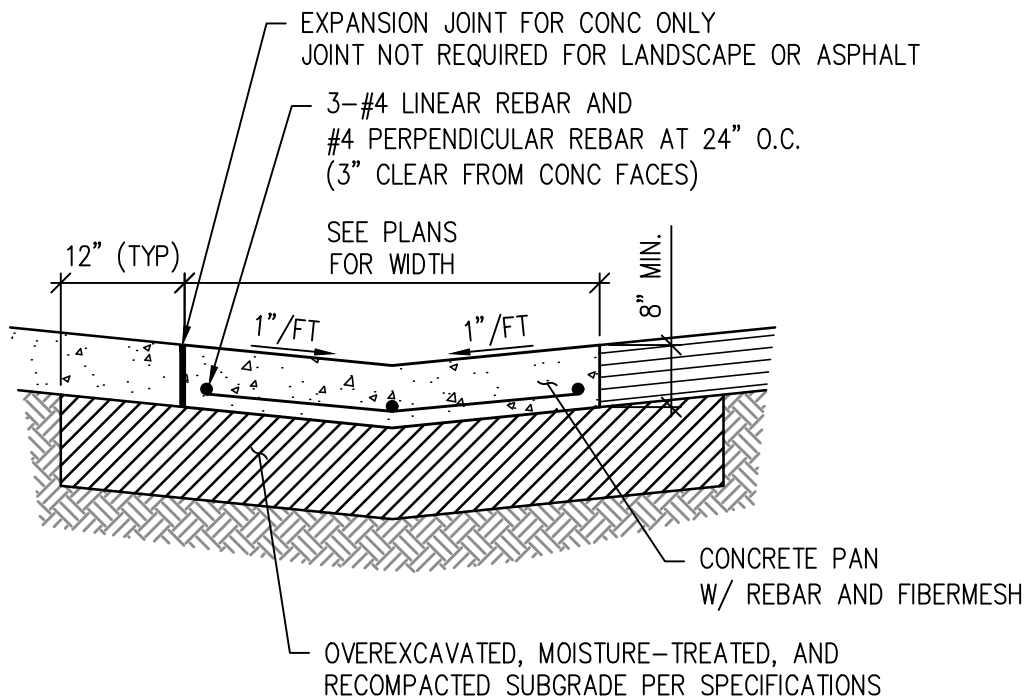
CONCRETE PAN LAYOUT DETAIL

D3.15

DATE: 04/2021



PAN IN LANDSCAPE AREAS



PAN IN TRAFFIC AREAS

NOTES:

1. USE REBAR REINFORCED PAN WHERE VEHICLE TRAFFIC IS EXPECTED.
2. SEE PLANS FOR INVERT ELEVATIONS AND HORIZONTAL CONTROLS.
3. SEE SHEET D3.11 FOR CONTRACTION AND EXPANSION JOINT DETAILS.
4. PROVIDE JOINT LAYOUT PLAN TO OWNER FOR APPROVAL PRIOR TO CONSTRUCTION. JOINTS TO MATCH ADJOINING SIDEWALK.

SCALE: NTS

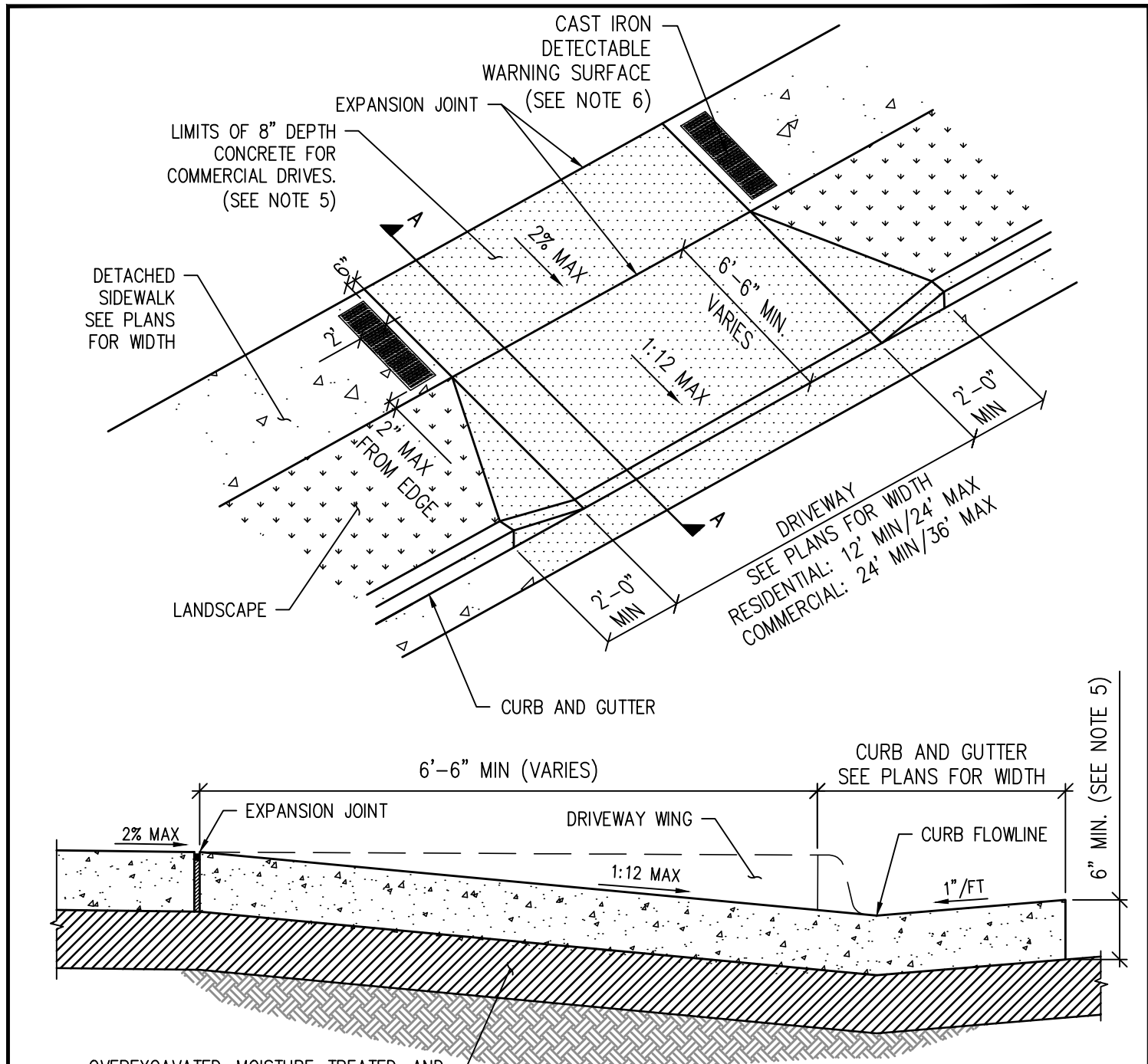


TOWN OF MEAD STANDARD DESIGN CRITERIA

CONCRETE PAN DETAIL

D3.16

DATE: 04/2021



OVEREXCAVATED, MOISTURE-TREATED, AND RECOMPACTED SUBGRADE PER SPECIFICATIONS

SECTION A-A

NOTES:

1. COARSE BROOM FINISH SURFACE OF DRIVEWAY CONCRETE AND WINGS
2. MAINTAIN NORMAL GUTTER FLOW AND PROFILE THROUGH RAMP AREA
3. PROVIDE 1/2" EXPANSION JOINT WHERE CONCRETE RAMP JOINS ANY RIGID PAVEMENT OR STRUCTURE
4. RAMP, CURB AND GUTTER CONSTRUCTION MAY BE POURED MONOLITHICALLY
5. COMMERCIAL DRIVEWAYS AND ADJACENT SIDEWALK SHALL BE A MINIMUM OF 8" THICK.
6. DETECTABLE WARNING SURFACE ONLY REQUIRED FOR HIGH VOLUME OR COMMERCIAL DRIVEWAYS.

SCALE: NTS

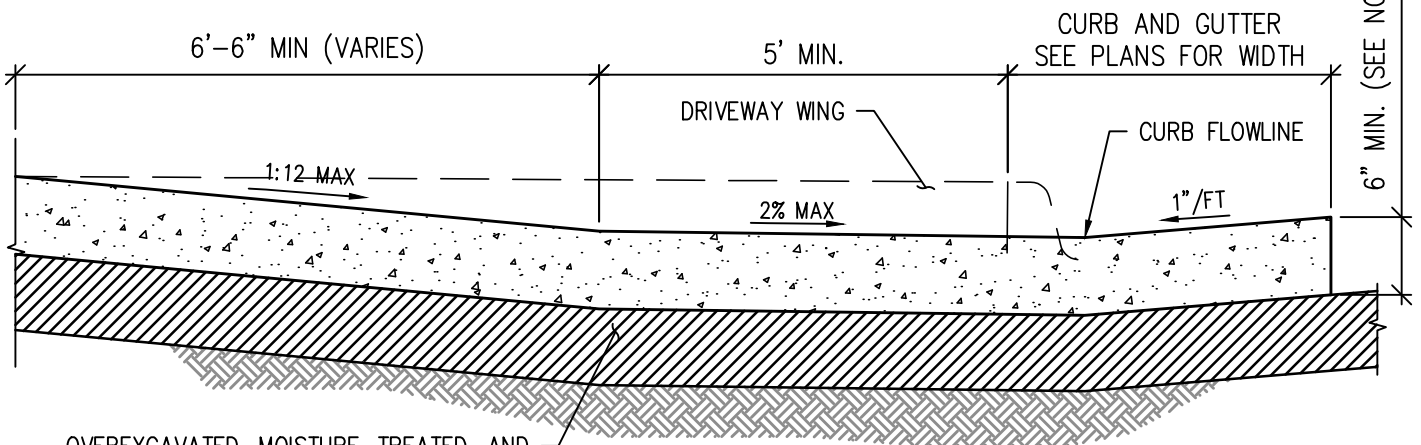
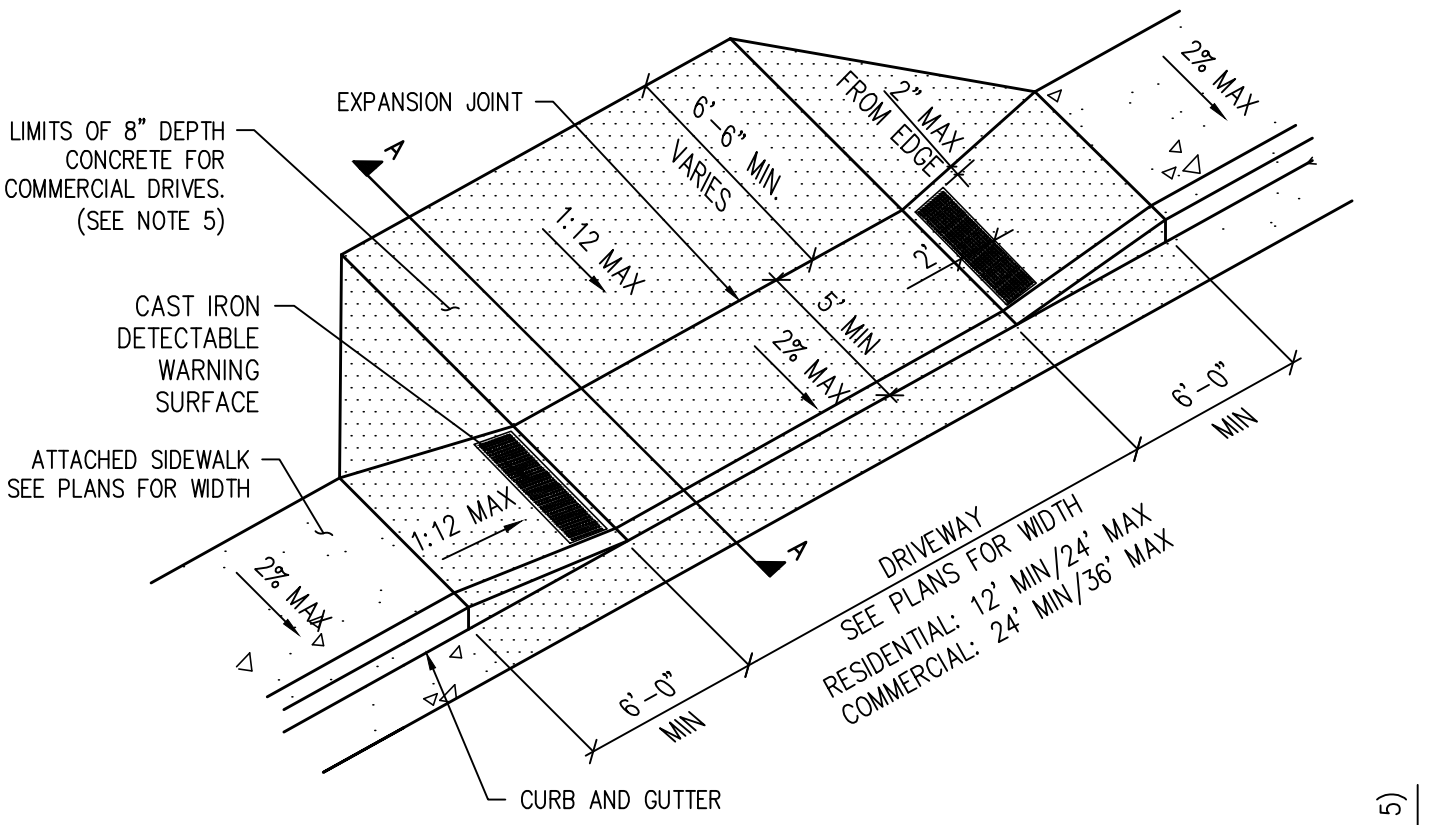


TOWN OF MEAD STANDARD DESIGN CRITERIA

CONCRETE DRIVEWAY WITH
DETACHED SIDEWALK DETAIL

D3.17

DATE: 04/2021



SECTION A-A

NOTES:

1. COARSE BROOM FINISH SURFACE OF DRIVEWAY CONCRETE AND WINGS
2. MAINTAIN NORMAL GUTTER FLOW AND PROFILE THROUGH RAMP AREA
3. PROVIDE 1/2" EXPANSION JOINT WHERE CONCRETE RAMP JOINS ANY RIGID PAVEMENT OR STRUCTURE
4. RAMP, CURB AND GUTTER CONSTRUCTION MAY BE POURED MONOLITHICALLY
5. COMMERCIAL DRIVEWAYS AND ADJACENT SIDEWALK SHALL BE A MINIMUM OF 8" THICK.
6. DETECTABLE WARNING SURFACE ONLY REQUIRED FOR HIGH VOLUME OR COMMERCIAL DRIVEWAYS

SCALE: NTS

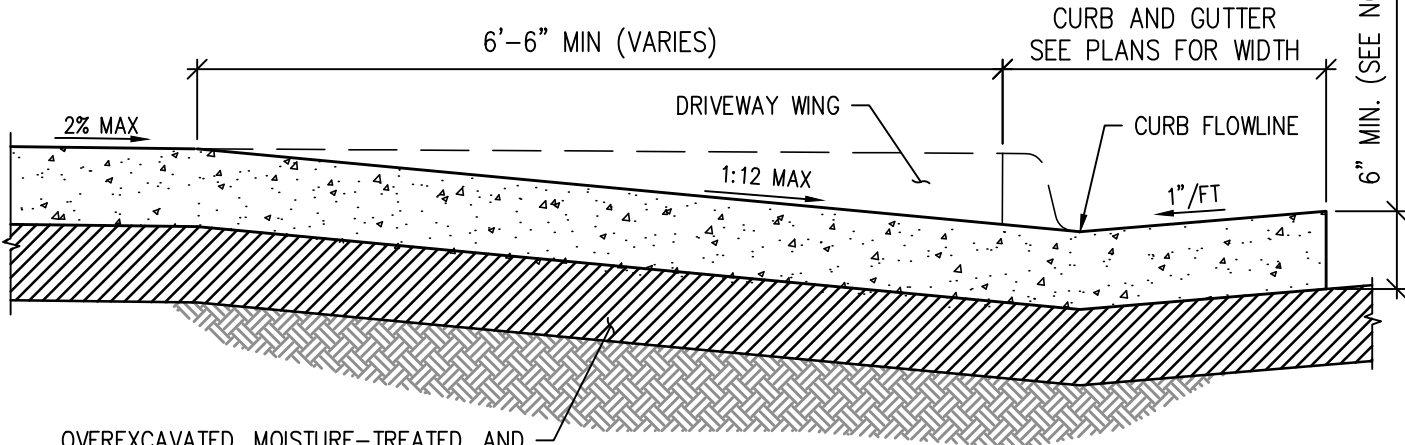
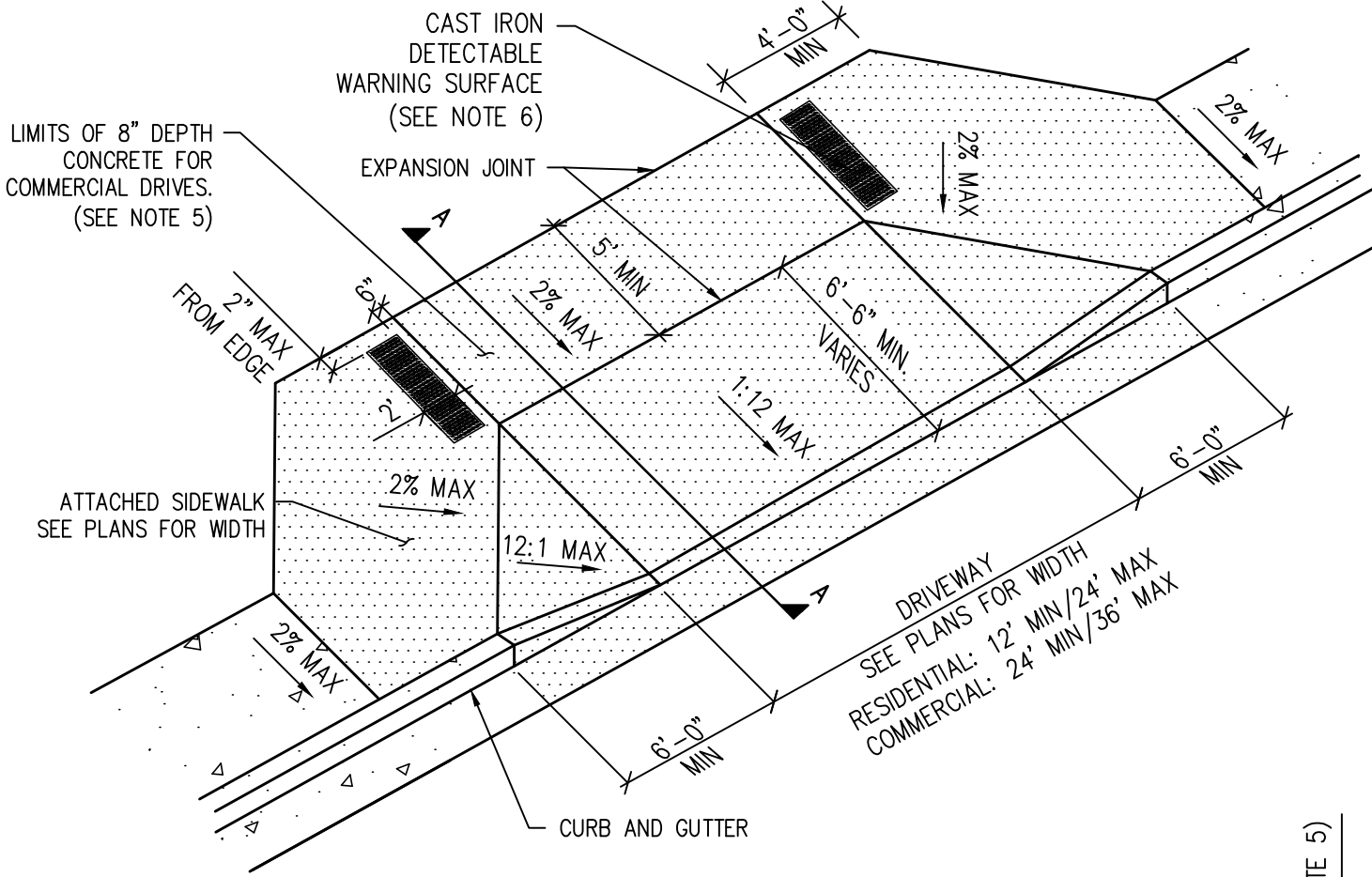


TOWN OF MEAD STANDARD DESIGN CRITERIA

CONCRETE DRIVEWAY WITH ATTACHED WALK DETAIL

D3.18A

DATE: 04/2021



OVEREXCAVATED, MOISTURE-TREATED, AND RECOMPACTED SUBGRADE PER SPECIFICATIONS

SECTION A-A

NOTES:

1. COARSE BROOM FINISH SURFACE OF DRIVEWAY CONCRETE AND WINGS
2. MAINTAIN NORMAL GUTTER FLOW AND PROFILE THROUGH RAMP AREA
3. PROVIDE 1/2" EXPANSION JOINT WHERE CONCRETE RAMP JOINS ANY RIGID PAVEMENT OR STRUCTURE
4. RAMP, CURB AND GUTTER CONSTRUCTION MAY BE POURED MONOLITHICALLY
5. COMMERCIAL DRIVEWAYS AND ADJACENT SIDEWALK SHALL BE A MINIMUM OF 8" THICK.
6. DETECTABLE WARNING SURFACE ONLY REQUIRED FOR HIGH VOLUME OR COMMERCIAL DRIVEWAYS

SCALE: NTS

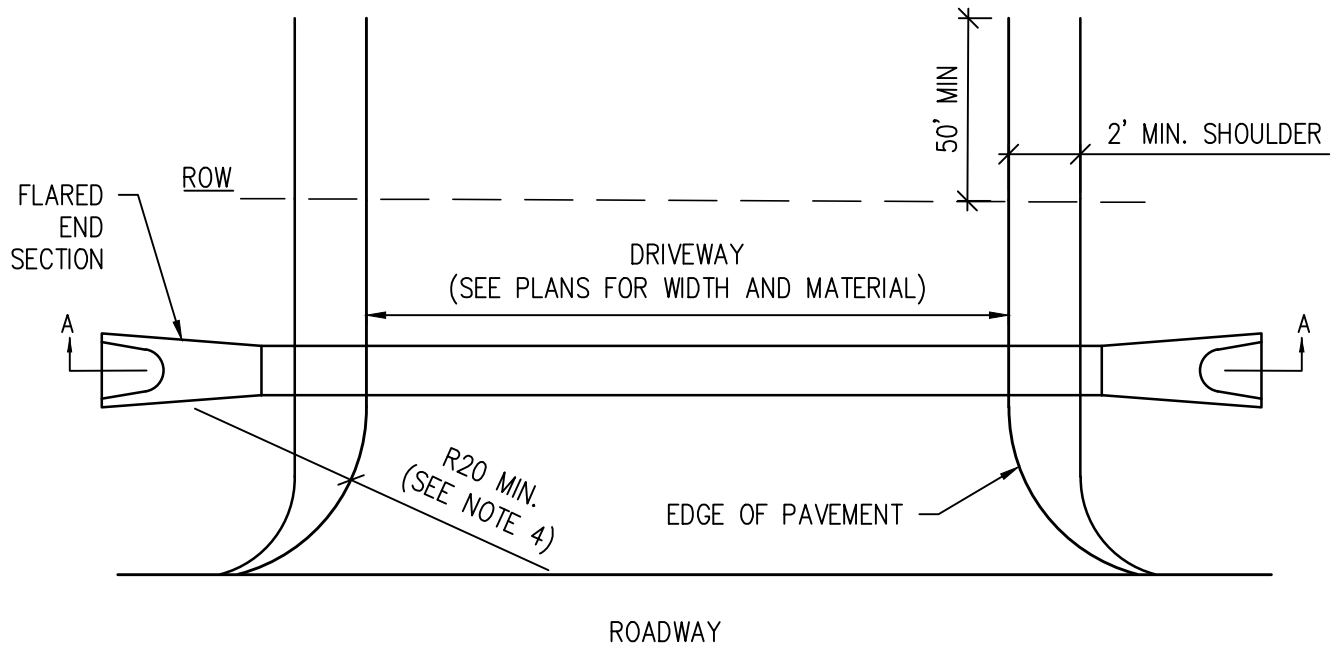


TOWN OF MEAD STANDARD DESIGN CRITERIA

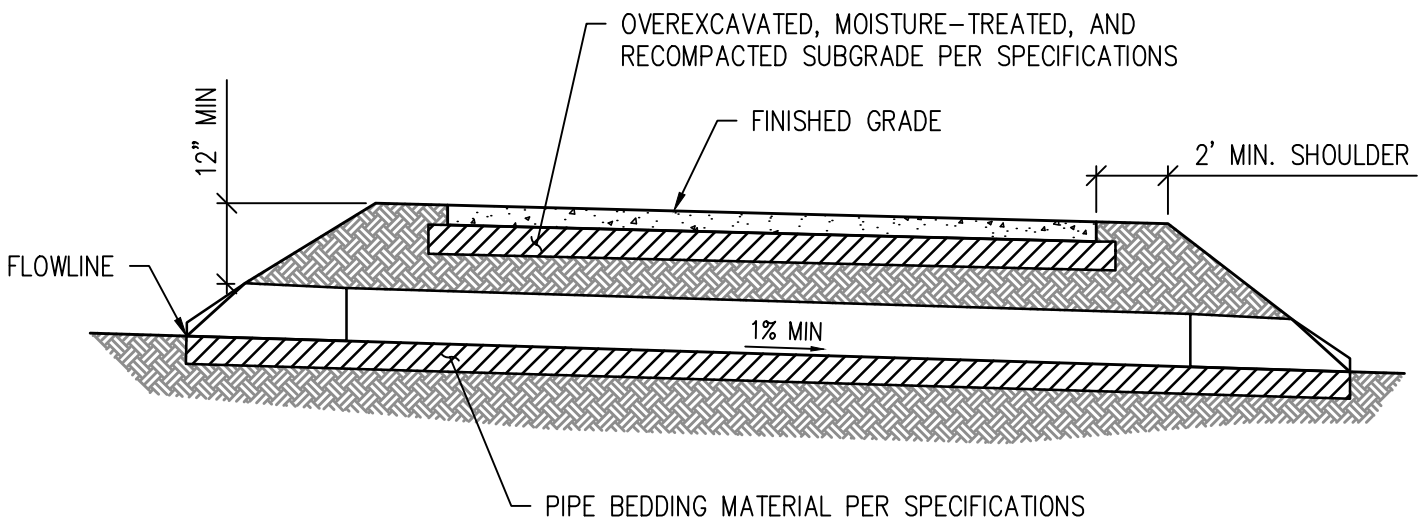
CONCRETE DRIVEWAY WITH ATTACHED WALK DETAIL

D3.18B

DATE: 04/2021



PLAN VIEW



SECTION A-A

NOTES:

1. DRIVEWAY SHALL BE ASPHALT OR CONCRETE AND SHALL EXTEND A MIN OF 50' BEHIND ROW
2. A FLARED END SECTION IS REQUIRED AT EACH END OF PIPE. PIPE SHALL BE A MINIMUM OF 18" IN DIAMETER.
3. DITCH SIDE SLOPES SHALL BE A MAX OF 4:1
4. DRIVEWAY RADIUS SHALL BE 50' MIN WHERE LARGE TRUCK TRAFFIC IS ANTICIPATED.

DRIVE WIDTH	MIN	MAX	CULVERT MATERIAL
RESIDENTIAL	20'	24'	RCP OR CMP
COMMERCIAL	24'	36'	RCP ONLY

SCALE: NTS

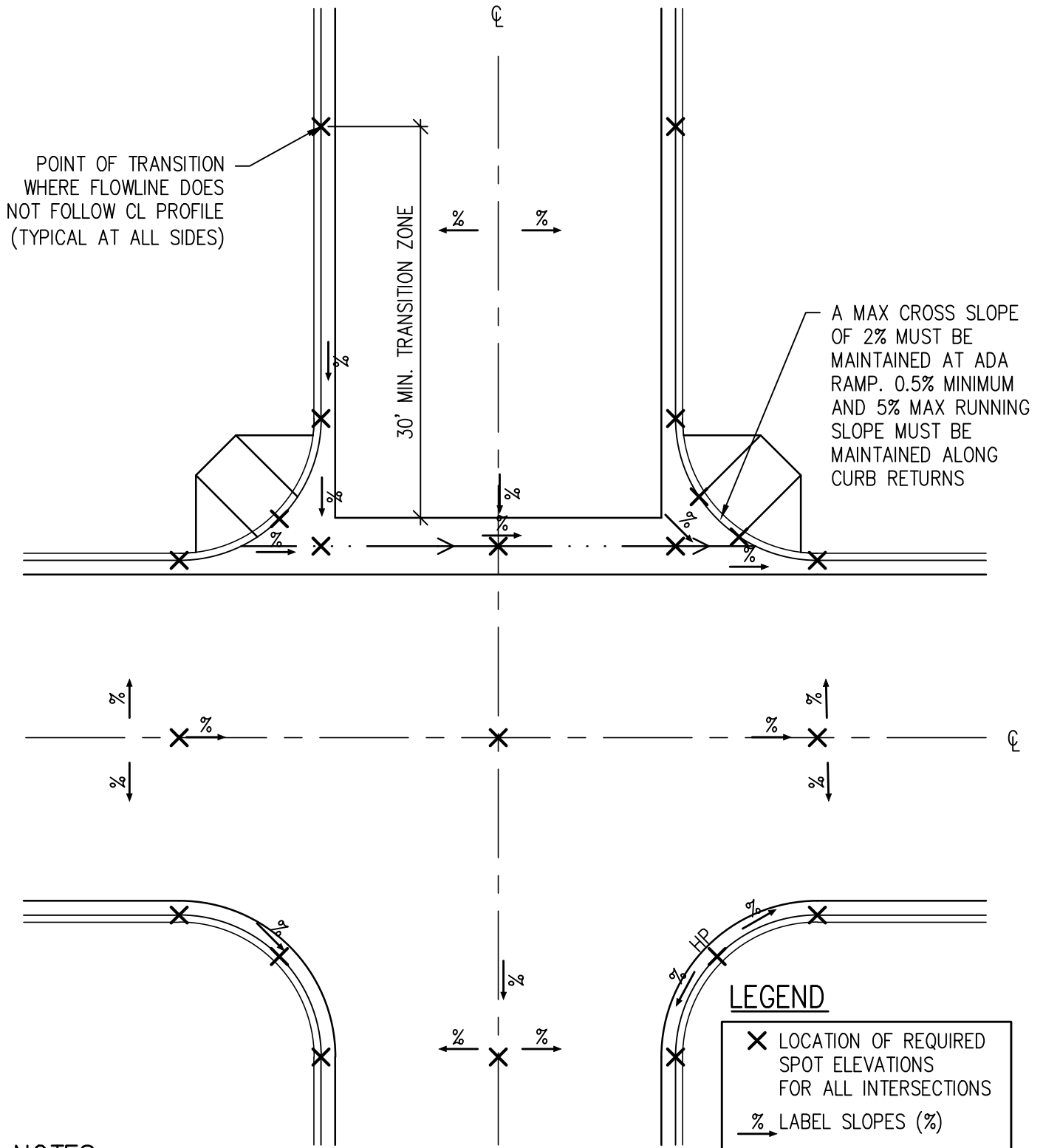


TOWN OF MEAD STANDARD DESIGN CRITERIA

DRIVEWAY DETAIL (RURAL ROAD ONLY)

D3.19

DATE: 04/2021



NOTES:

1. ALL NEW STREETS SHALL BE DESIGNED WITH A 2-3% SLOPE FROM THE CROWN TO THE LIP OF GUTTER.
2. VARIANCES FROM THE TYPICAL CROSS SLOPE (2%) WILL BE REVIEWED ON A CASE BY CASE BASIS.
3. ALL PUBLIC IMPROVEMENT PLANS SHALL DEPICT THE REQUIRED MINIMUM INFORMATION AS SHOWN ABOVE.

SCALE: NTS

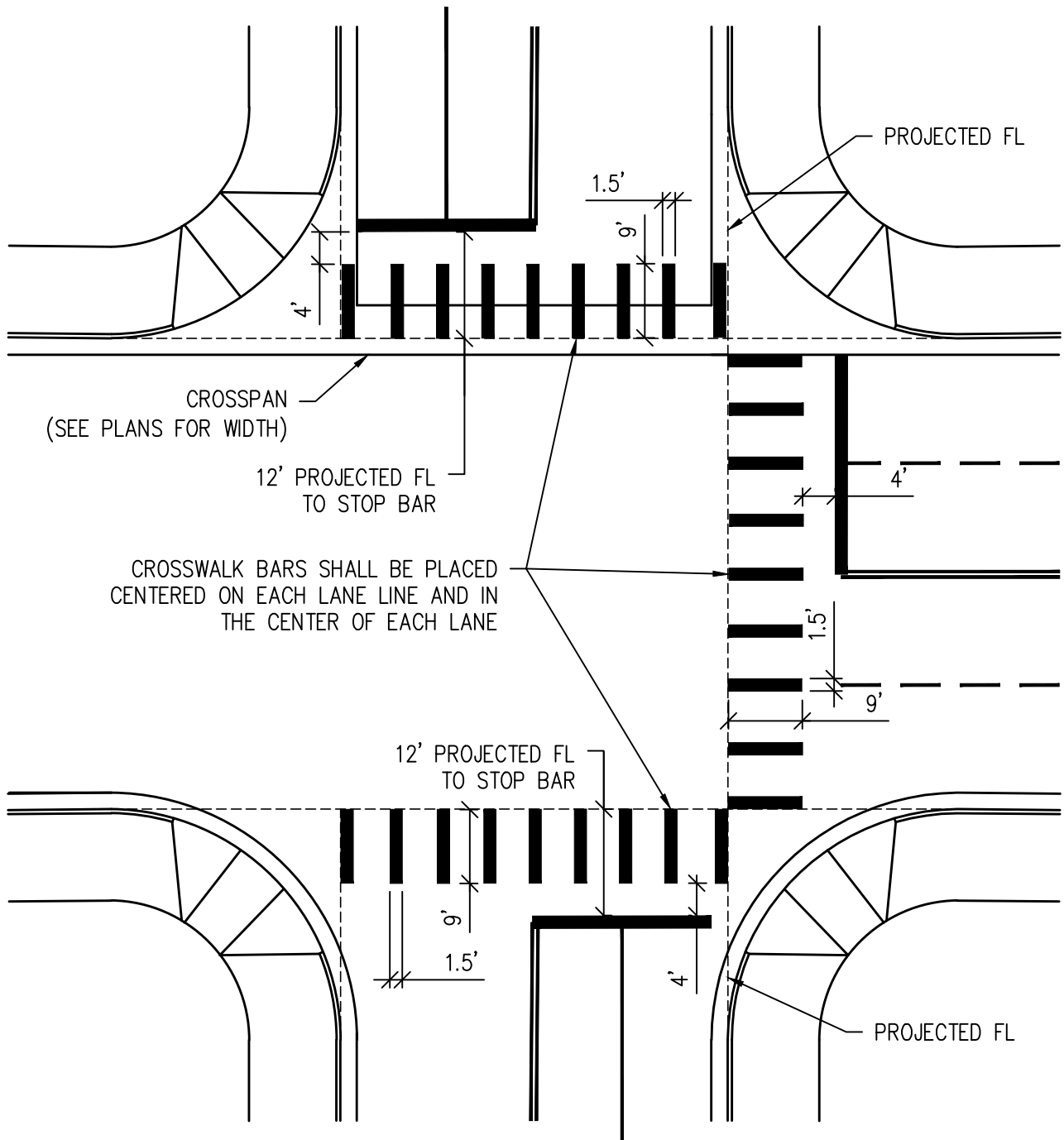


TOWN OF MEAD STANDARD DESIGN CRITERIA

STREET INTERSECTION DETAIL

D3.20

DATE: 04/2021



SCALE: NTS

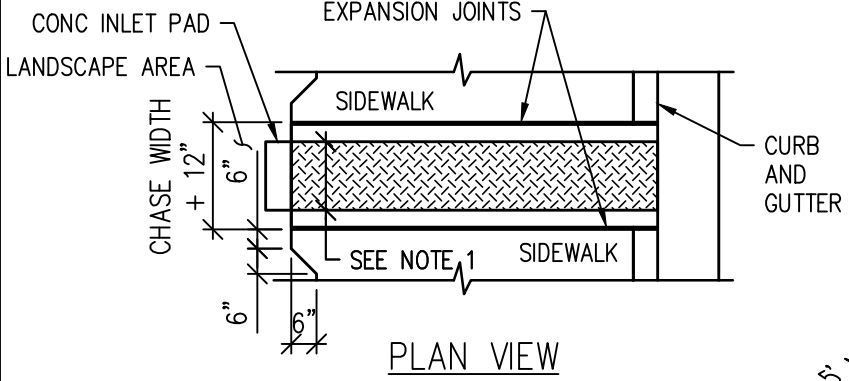


TOWN OF MEAD STANDARD DESIGN CRITERIA

STREET INTERSECTION STRIPING DETAIL

D3.21

DATE: 04/2021

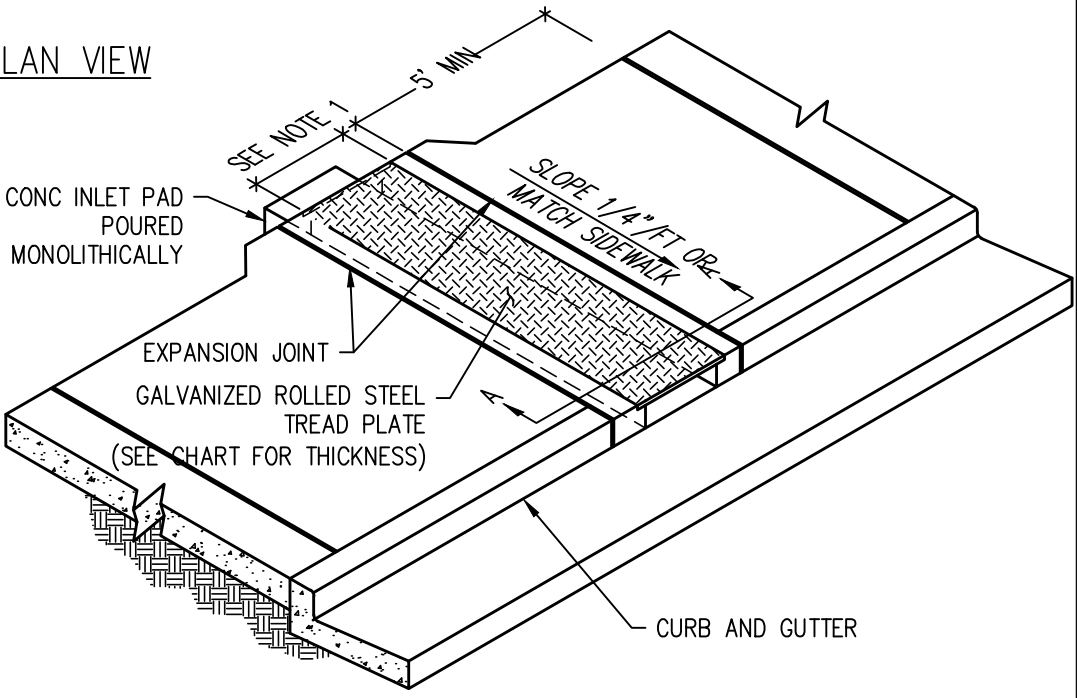


PLAN VIEW

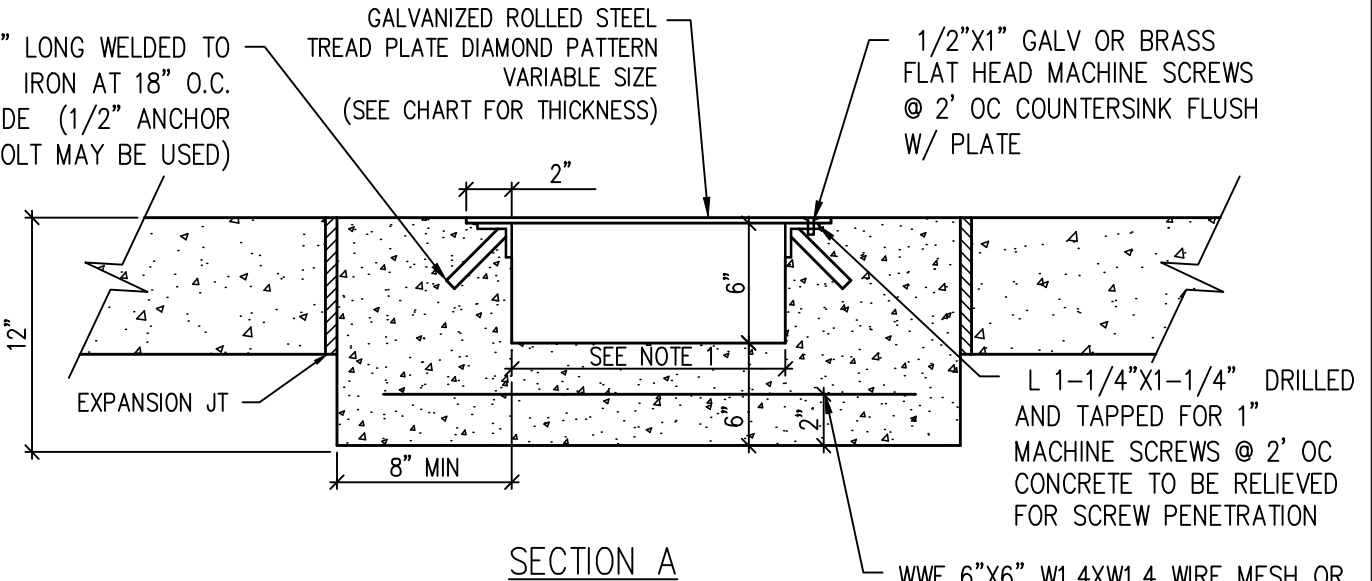
WIDTH OF OPENING	TREAD PLATE THICKNESS
12"–18"	1/2"

NOTES:

1. WIDTH AS NOTED ON PLANS, MIN 12", MAX 18". ADD MIDDLE SUPPORT WITH (2) PLATES IF SPAN IS GREATER THAN 18"
2. 90° UNLESS OTHERWISE SPECIFIED
3. DIMENSIONS TO BE INCLUDED IN DETAILED CONSTRUCTION PLANS



#4 6" LONG WELDED TO ANGLE IRON AT 18" O.C. EACH SIDE (1/2" ANCHOR BOLT MAY BE USED)



SECTION A

SCALE: NTS

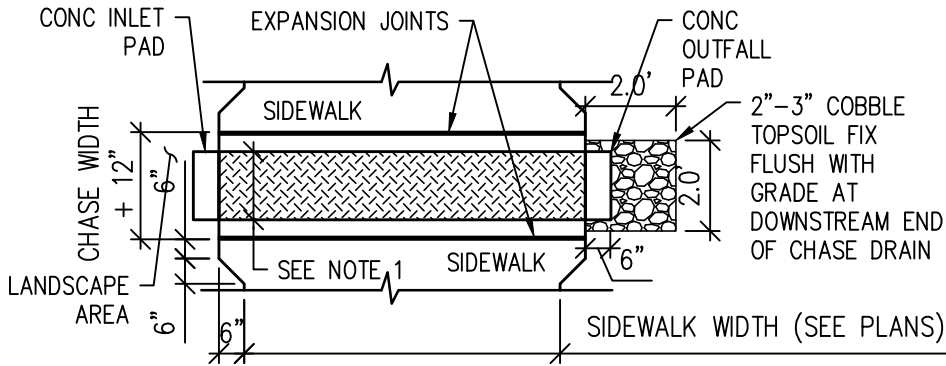


TOWN OF MEAD STANDARD DESIGN CRITERIA

CONCRETE CHASE AT CURB DETAIL

D3.22A

DATE: 04/2021

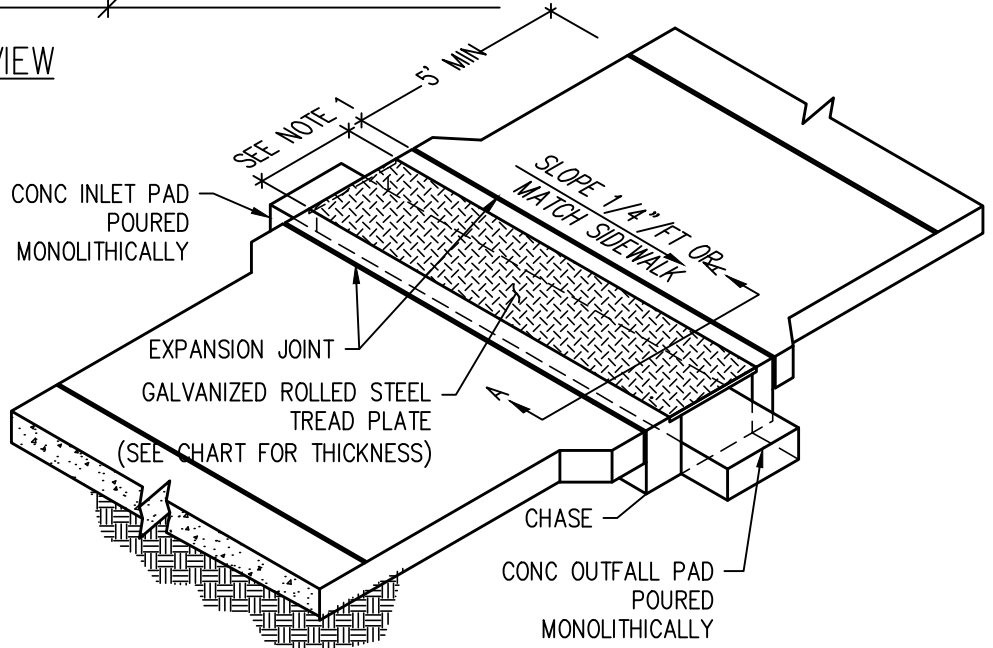


PLAN VIEW

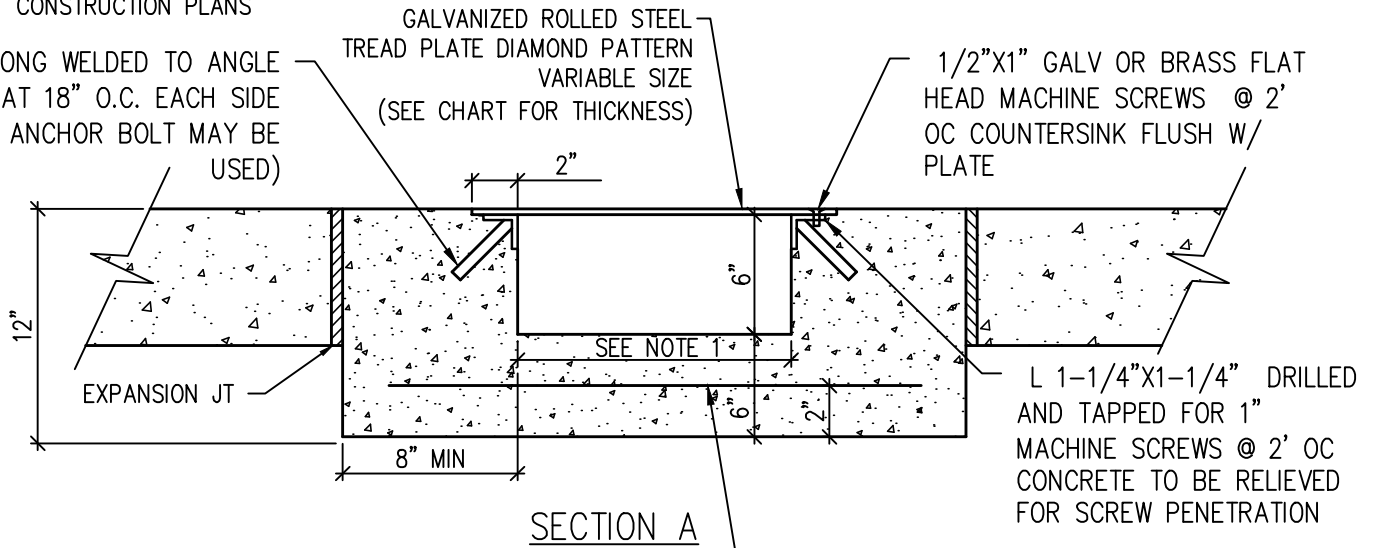
WIDTH OF OPENING	TREAD PLATE THICKNESS
12"-18"	1/2"

NOTES:

1. WIDTH AS NOTED ON PLANS, MIN 12", MAX 18". ADD MIDDLE SUPPORT WITH (2) PLATES IF SPAN IS GREATER THAN 18"
2. 90° UNLESS OTHERWISE SPECIFIED
3. DIMENSIONS TO BE INCLUDED IN DETAILED CONSTRUCTION PLANS



#4 6" LONG WELDED TO ANGLE IRON AT 18" O.C. EACH SIDE (1/2" ANCHOR BOLT MAY BE USED)



SECTION A

WWF 6"x6" W1.4XW1.4 WIRE MESH OR #4 REBAR AT 12" O.C. BOTH WAYS 4000 PSI CONC @ 28 DAYS W/ FIBERMESH

SCALE: NTS

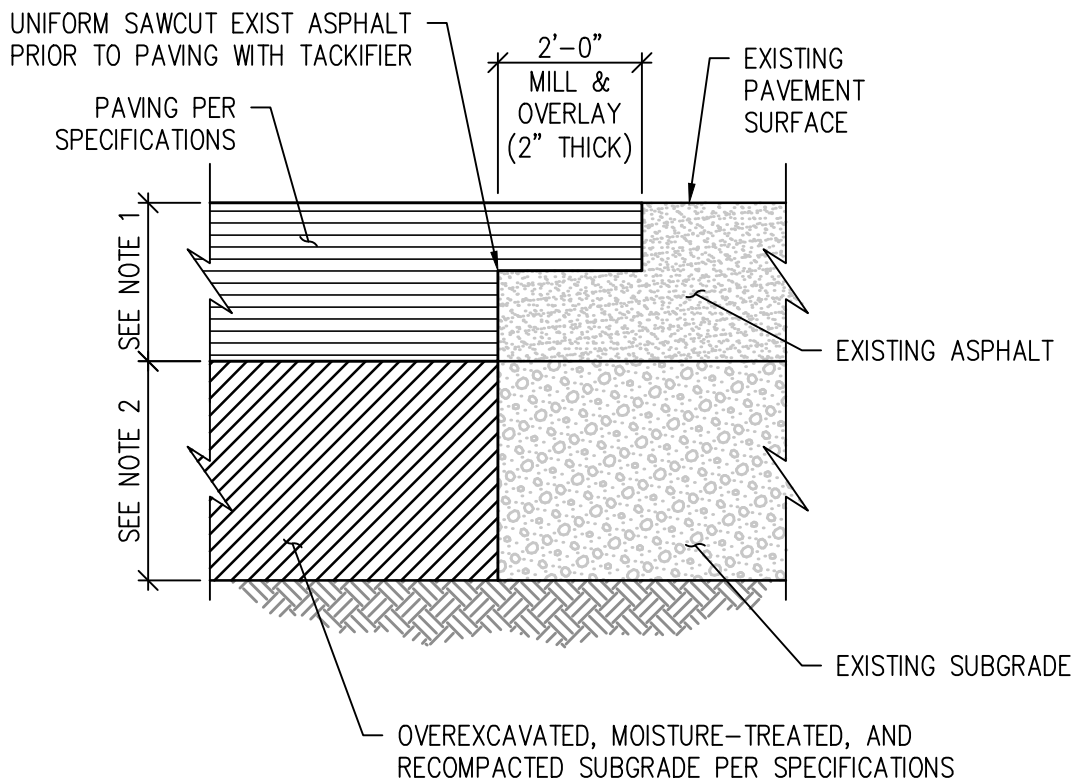


TOWN OF MEAD STANDARD DESIGN CRITERIA

CONCRETE CHASE DETAIL

D3.22B

DATE: 04/2021



NOTE:

1. MATCH EXISTING DEPTH +1". (REFER TO STANDARDS FOR MINIMUM ASPHALT DEPTHS BASED ON STREET CLASSIFICATION, WHICHEVER IS GREATER)
2. MATCH EXIST SUBGRADE DEPTH UNLESS OTHERWISE SPECIFIED (MIN 12")
3. PATCH LIMITS PER D23.23B AND D23.23C.

SCALE: NTS



TOWN OF MEAD STANDARD DESIGN CRITERIA

ASPHALT PATCH DETAIL (1 OF 4)

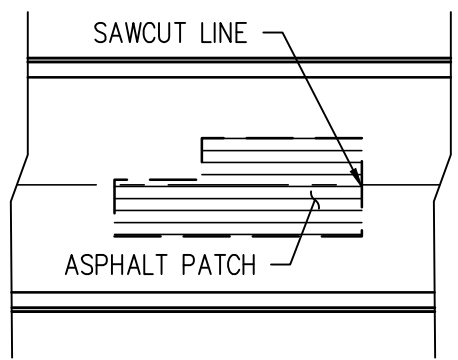
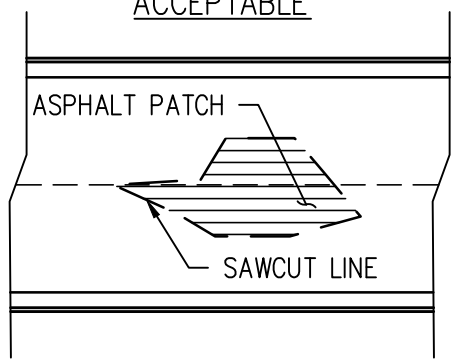
D3.23A

DATE: 04/2021

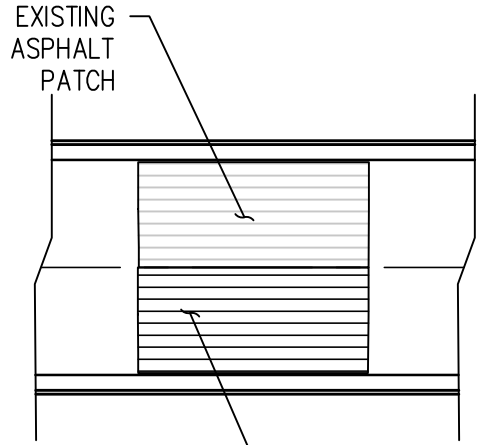
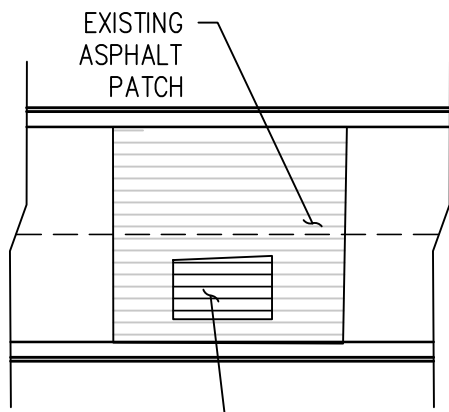
NOT
ACCEPTABLE

ACCEPTABLE

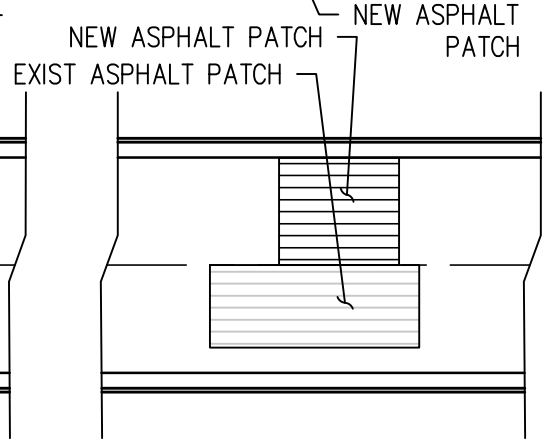
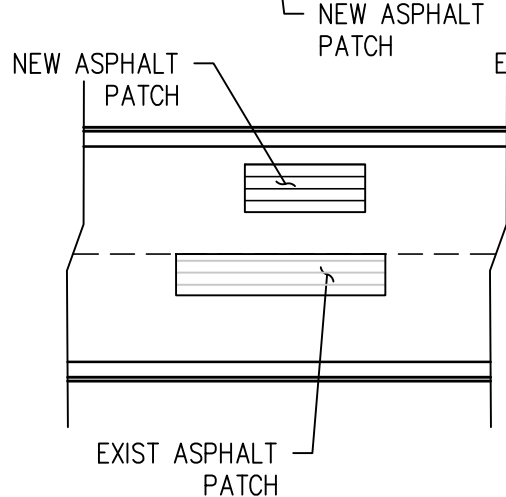
A. PARALLEL AND PERPENDICULAR



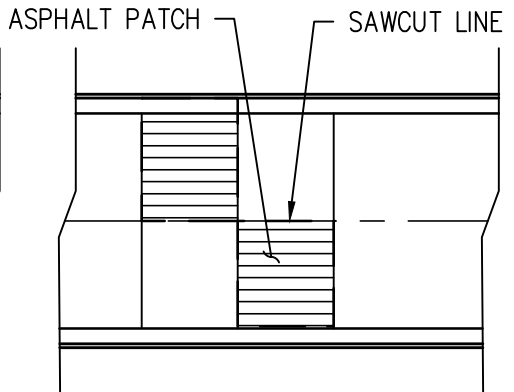
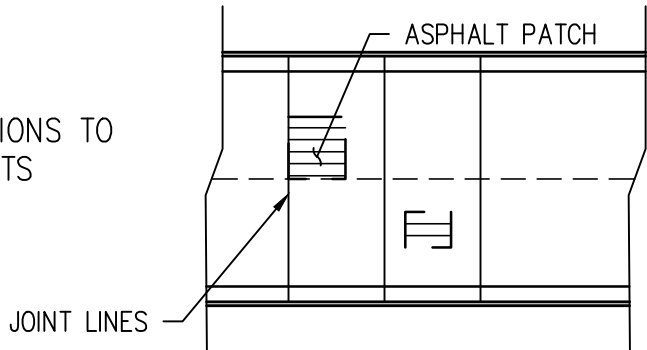
B. AVOID PATCHES WITHIN EXISTING PATCHES



C. STRIPS OF PAVEMENT < 1/2 LANE WIDTH



D. REMOVE SECTIONS TO EXISTING JOINTS



SCALE: NTS



TOWN OF MEAD STANDARD DESIGN CRITERIA

ASPHALT PATCH DETAIL (2 OF 4)

D3.23B

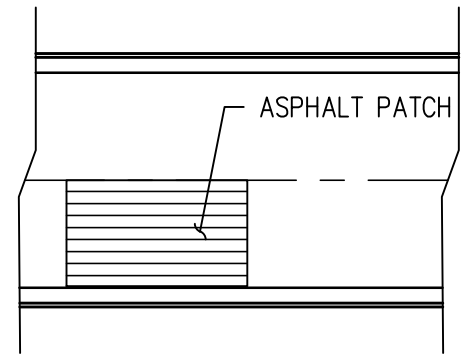
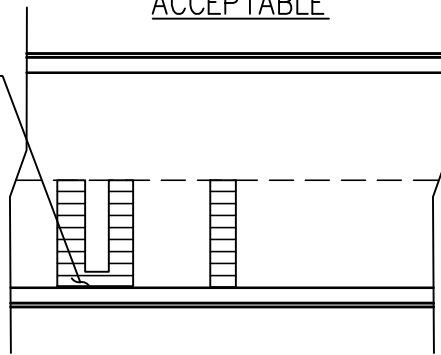
DATE: 04/2021

NOT
ACCEPTABLE

ACCEPTABLE

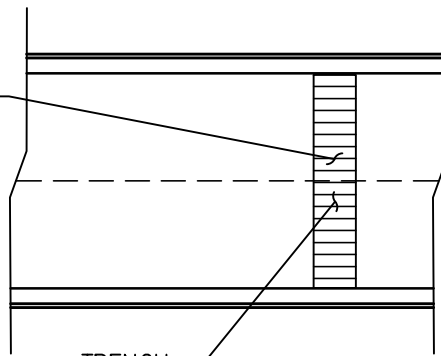
A. SERIES OF PATCHES

ASPHALT PATCH



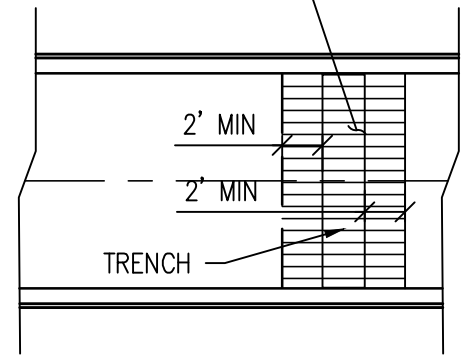
B. TRANSVERSE PATCHES

NEW ASPHALT PATCH



TRENCH

NEW ASPHALT PATCH



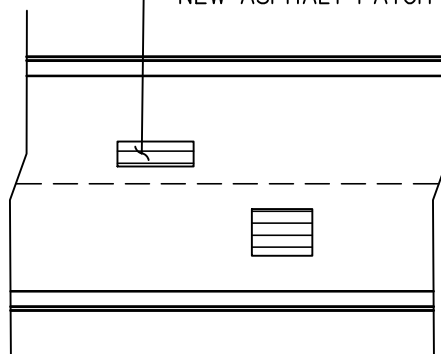
2' MIN

2' MIN

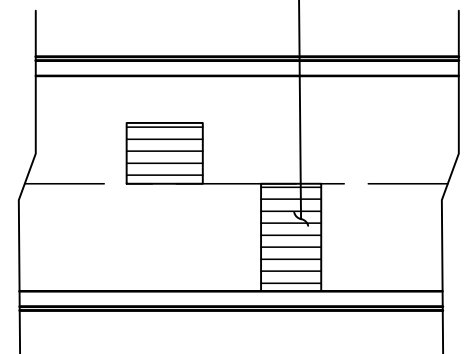
TRENCH

C. EXISTING WHEEL PATHS

NEW ASPHALT PATCH

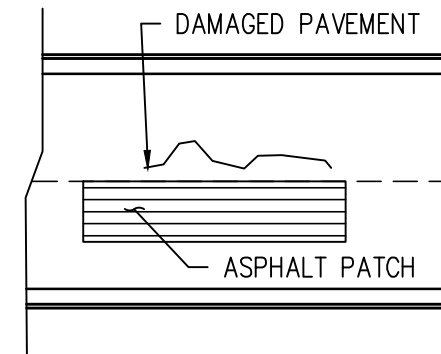


NEW ASPHALT PATCH



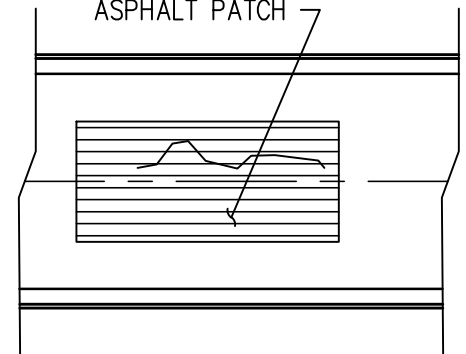
D. INCLUDE ADJACENT MINOR DAMAGE

DAMAGED PAVEMENT



ASPHALT PATCH

ASPHALT PATCH



SCALE: NTS



TOWN OF MEAD STANDARD DESIGN CRITERIA

ASPHALT PATCH DETAIL (3 OF 4)

D3.23C

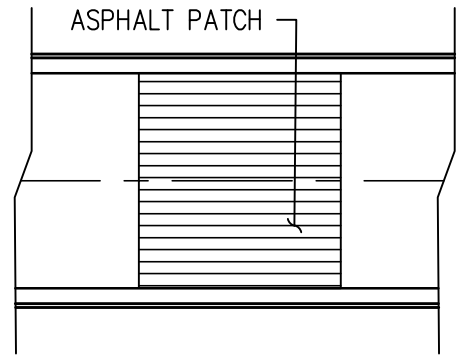
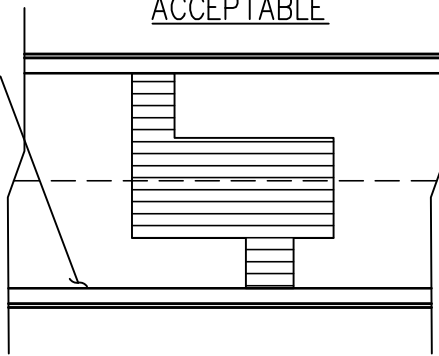
DATE: 04/2021

NOT
ACCEPTABLE

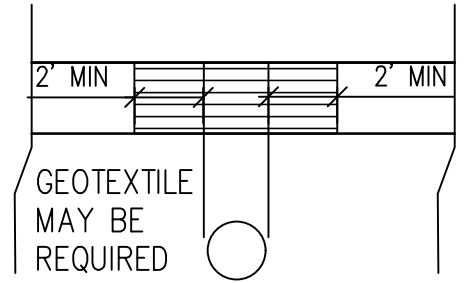
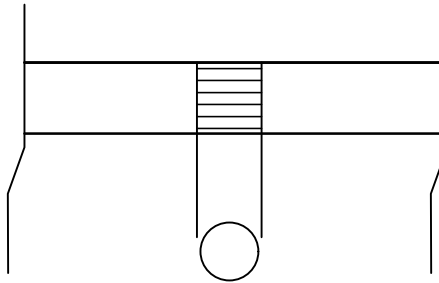
ACCEPTABLE

A. AVOID FREQUENT
CHANGES IN WIDTH

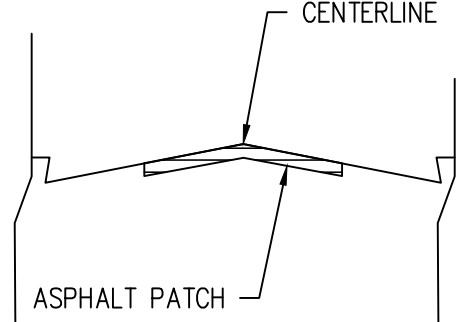
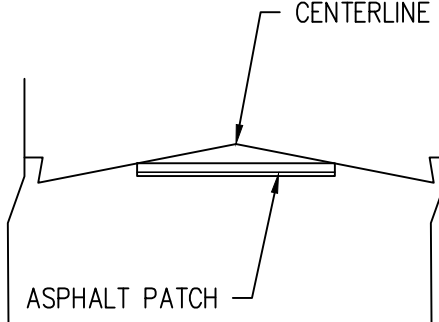
ASPHALT PATCH



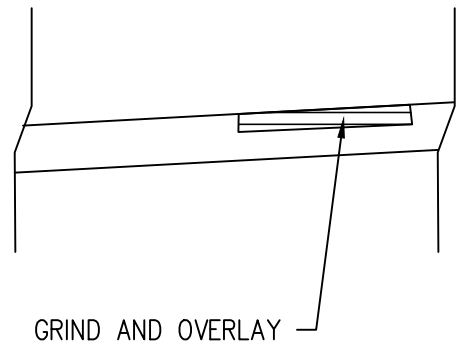
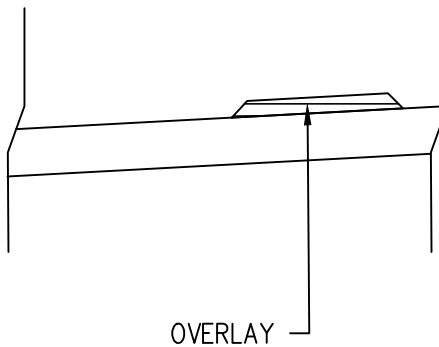
B. EXTEND THE
"SHOULDERS" OF
PAVEMENT



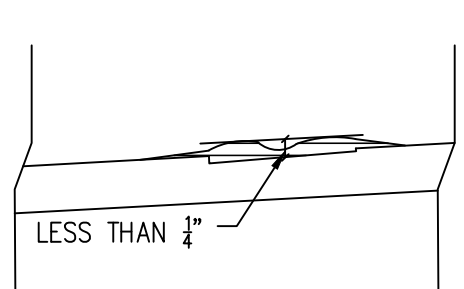
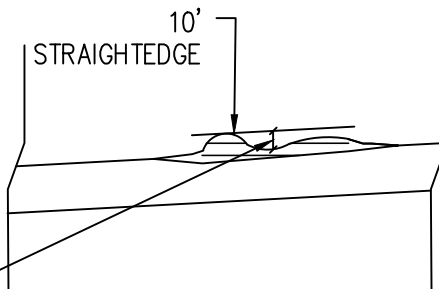
C. SMOOTH LONGITUDINAL
GRADE



D. DO NOT CREATE A
BUMP WITH OVERLAY



E. SURFACE TOLERANCES



SCALE: NTS

GREATER THAN 1/4"



TOWN OF MEAD STANDARD DESIGN CRITERIA

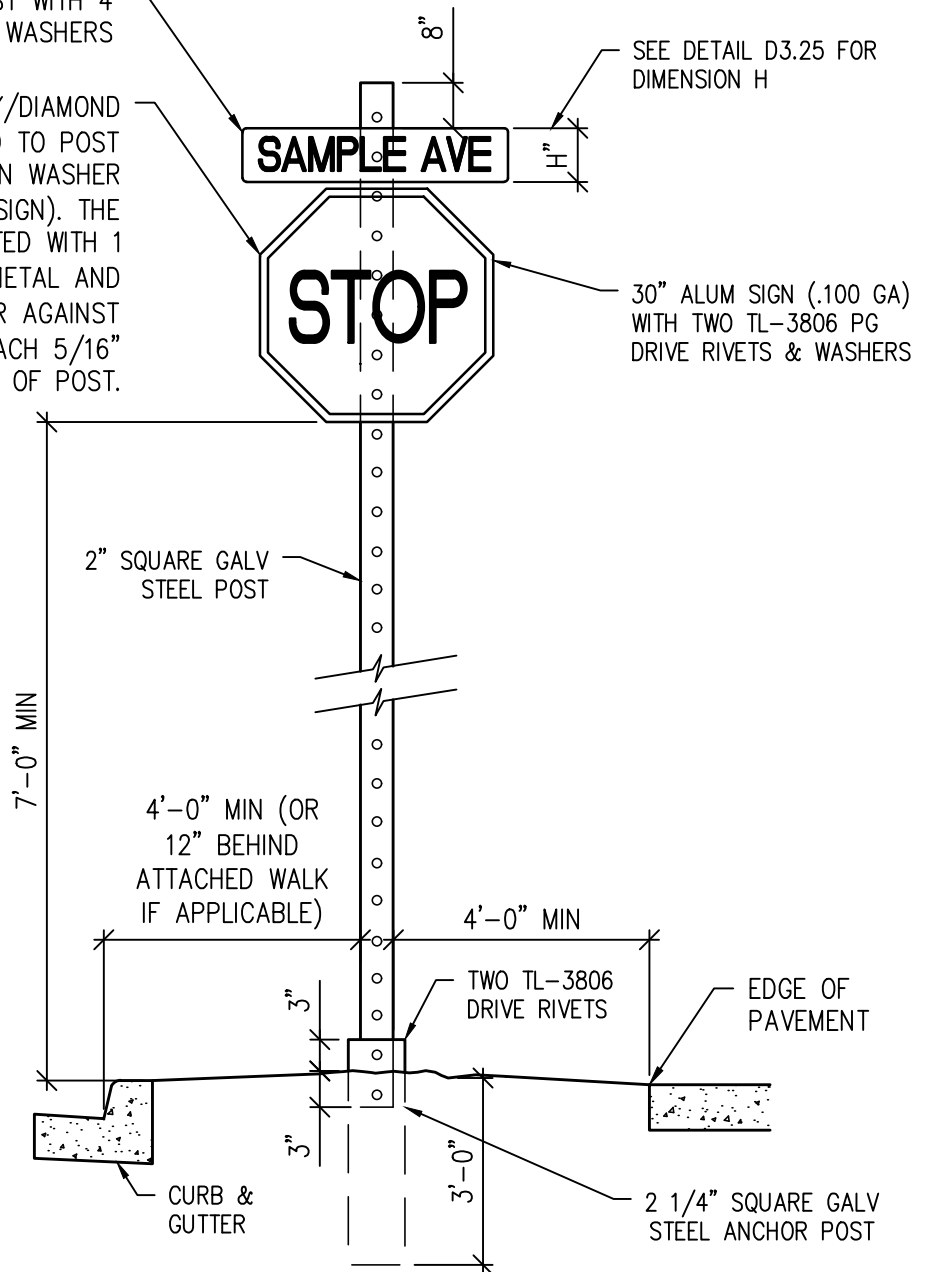
ASPHALT PATCH DETAIL (4 OF 4)

D3.23D

DATE: 04/2021

2 EACH H" BLADES MOUNTED TO POST WITH 4 EACH DRIVE RIVETS WITH NYLON WASHERS

R1-1 "STOP" SIGN 30" HIGH DENSITY/DIAMOND GRADE (SEE NOTE 9). SIGN MOUNTED TO POST WITH 1 EACH DRIVE RIVET WITH NYLON WASHER AGAINST SIGN FACE (ON TOP OF THE SIGN). THE BOTTOM OF THE SIGN SHALL BE MOUNTED WITH 1 EACH 5/16"x2-1/2" HEX BOLT WITH METAL AND FROM NYLON WASHERS (NYLON WASHER AGAINST SIGN FACE) AND SECURED WITH 1 EACH 5/16" HEX NUT ON THE BACK SIDE OF POST.



NOTE:

1. SIGNS SHALL CONFORM TO MUTCD AND CDOT STANDARDS FOR MATERIAL AND PLACEMENT.
2. CLASS 1 SIGNS SHALL BE 0.100 GAUGE ALUM.
3. SIGNS WITH ARROW MAY REQUIRE SPECIAL PLACEMENT OR ROTATION. COORDINATE WITH ENGINEER.
4. ATTACH SIGN PANELS TIGHTLY TO THE POST AND USE OVERSIZED WASHERS TO KEEP THE SIGN FROM BREAKING LOOSE FROM THE POST WHEN HIT BY A VEHICLE.
5. SIGN PANELS SHOULD BE MOUNTED A MINIMUM OF 7' ABOVE THE PAVEMENT OR GROUND.
6. SIGNS LARGER THAN 36" IN LENGTH OR WIDTH REQUIRE WIND BRACING AND SPECIAL POST DESIGN.
7. ANCHOR STUB AND POST ARE PERFORATED SQUARE STEEL TUBE.
8. ALL "NO PARKING" SIGNS SHALL BE INSTALLED AT 45° FROM FLOWLINE.
9. STOP SIGNS SHALL BE A MINIMUM 36" SIZE FOR ALL STREETS ABOVE A LOCAL RESIDENTIAL STREET CLASSIFICATION PER MUTCD REQUIREMENTS.

SCALE: NTS

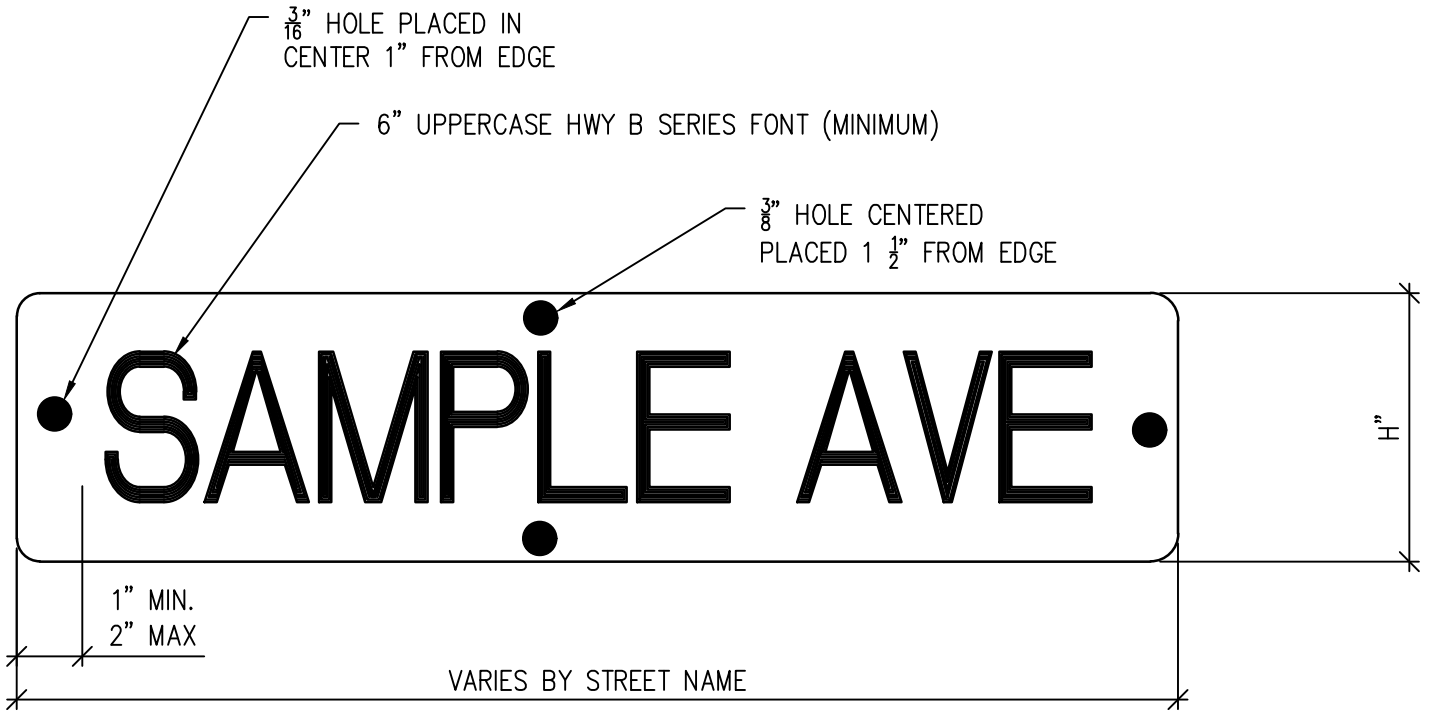


TOWN OF MEAD STANDARD DESIGN CRITERIA

SIGN POST DETAIL

D3.24

DATE: 04/2021



STREET CLASSIFICATION	H	LETTER SIZE
LOCAL-COLLECTOR	9"	6"
ARTERIAL	12"	8"

NOTE:

1. STREET NAMES AND SUFFIX MUST BE 6" MIN., CAPITAL WHITE LETTERS, FHWA SERIES "B" (PRIVATE STREETS SHALL HAVE GREEN LETTERS).
2. OVERALL SIGN LENGTH SHALL VARY BASED ON LENGTH OF STREET NAME.
3. ALL SIGN LETTERING AND GREEN BACKGROUND MATERIAL MUST BE AT LEAST DIAMOND GRADE SHEETING PER FHWA (PRIVATE STREET SIGNS SHALL HAVE WHITE BACKGROUNDS). NO SILK SCREENED SIGNS WILL BE PERMITTED.
4. STREET NUMBERS SHALL ALWAYS POINT TO HIGHER BLOCK NUMBER.
5. ALL STREET NAME SIGNS SHALL BE RETROREFLECTIVE.

SCALE: NTS

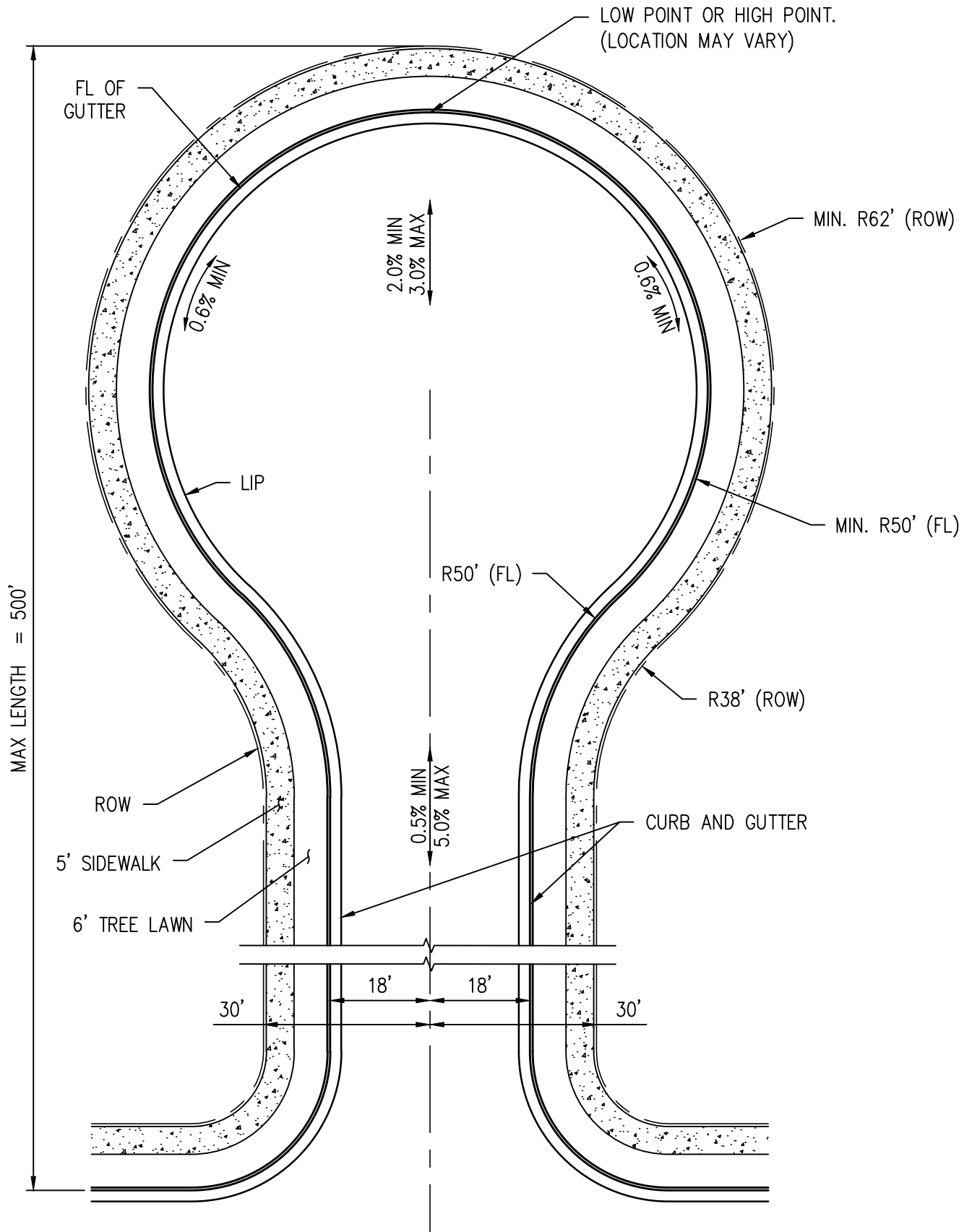


TOWN OF MEAD STANDARD DESIGN CRITERIA

STREET NAME SIGN

D3.25

DATE: 04/2021



SCALE: NTS

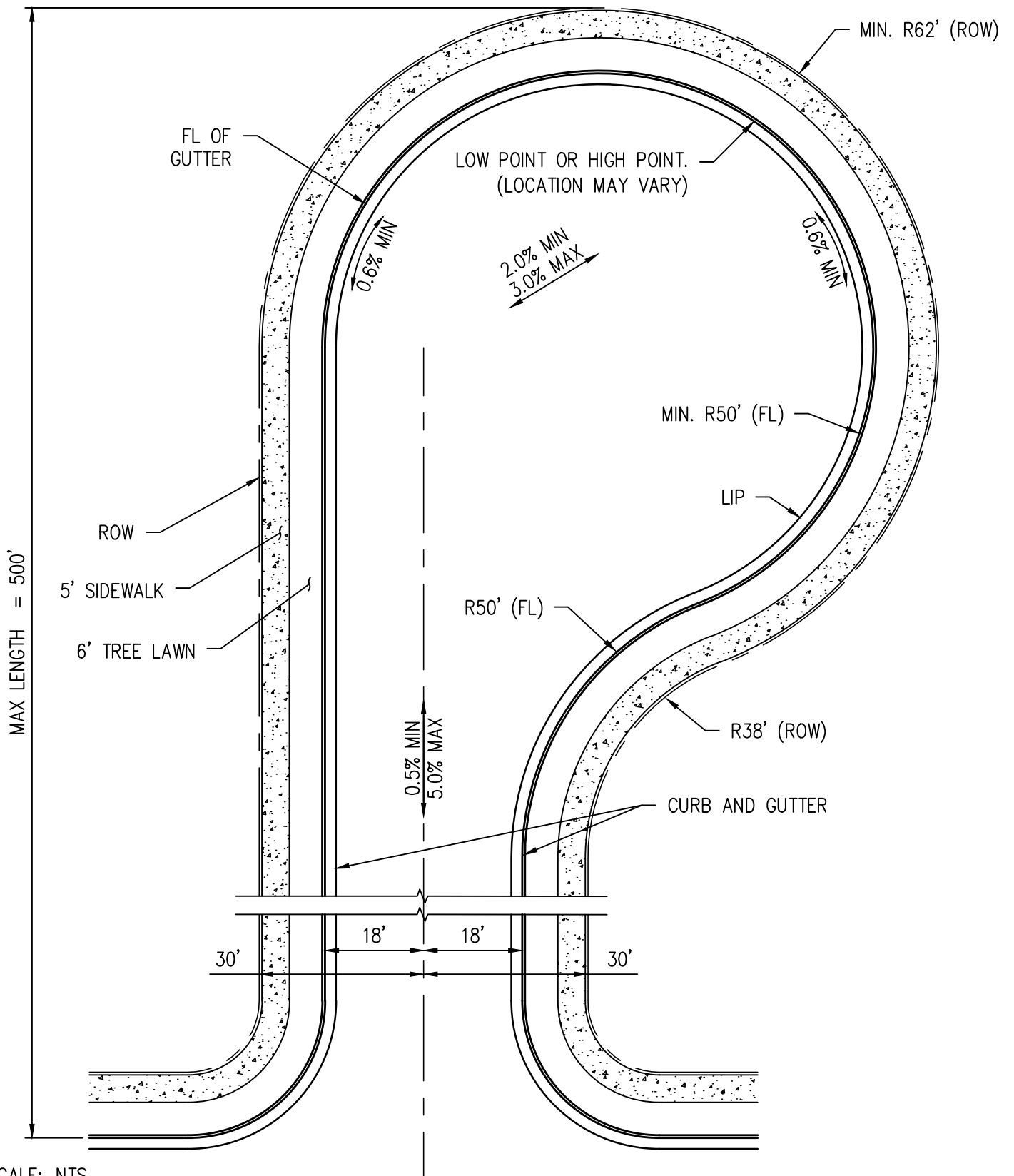


TOWN OF MEAD STANDARD DESIGN CRITERIA

LOCAL CUL-DE-SAC DETAIL

D3.26A

DATE: 04/2021



SCALE: NTS

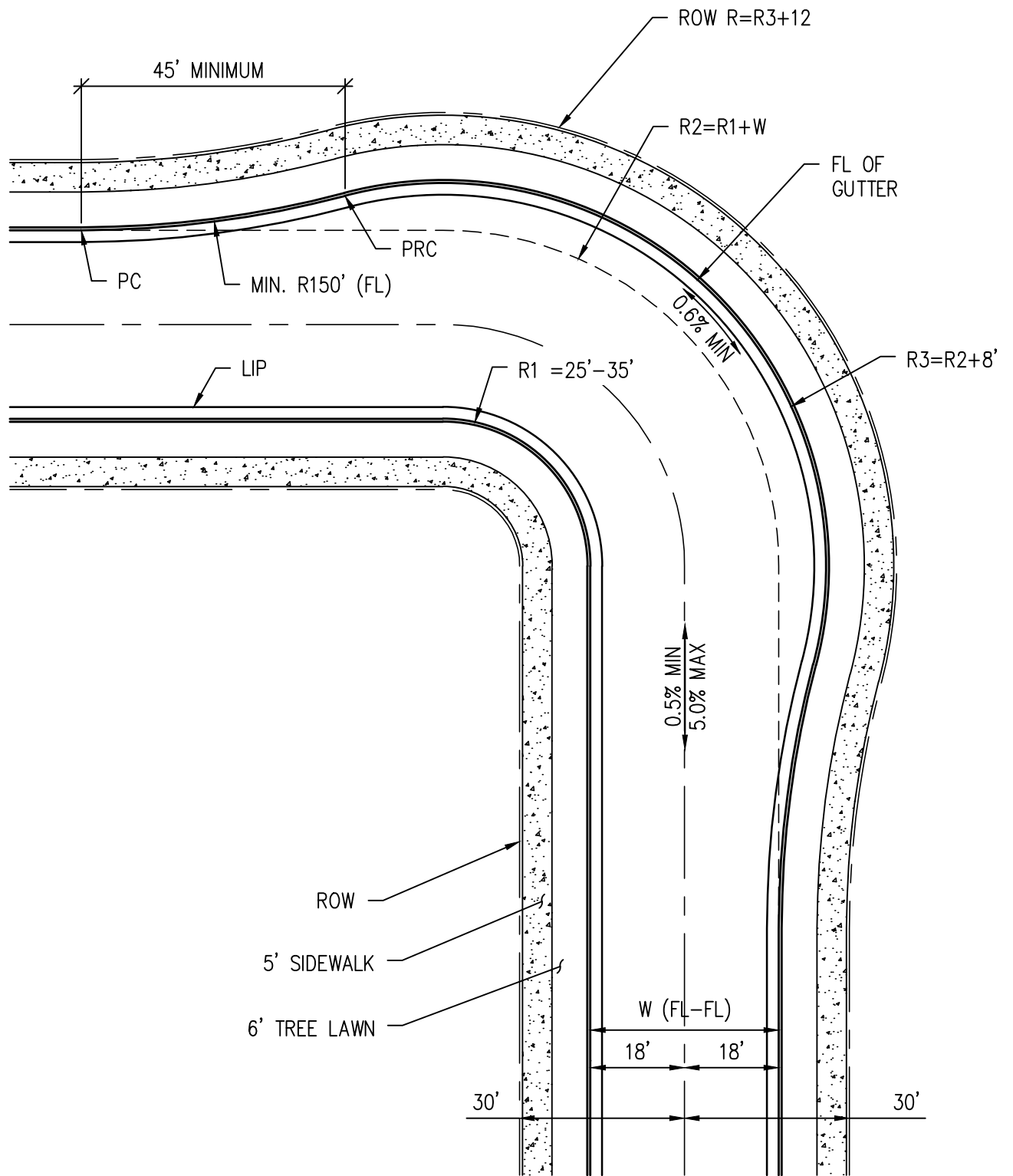


TOWN OF MEAD STANDARD DESIGN CRITERIA

LOCAL CUL-DE-SAC DETAIL (OFFSET)

D3.26B

DATE: 04/2021



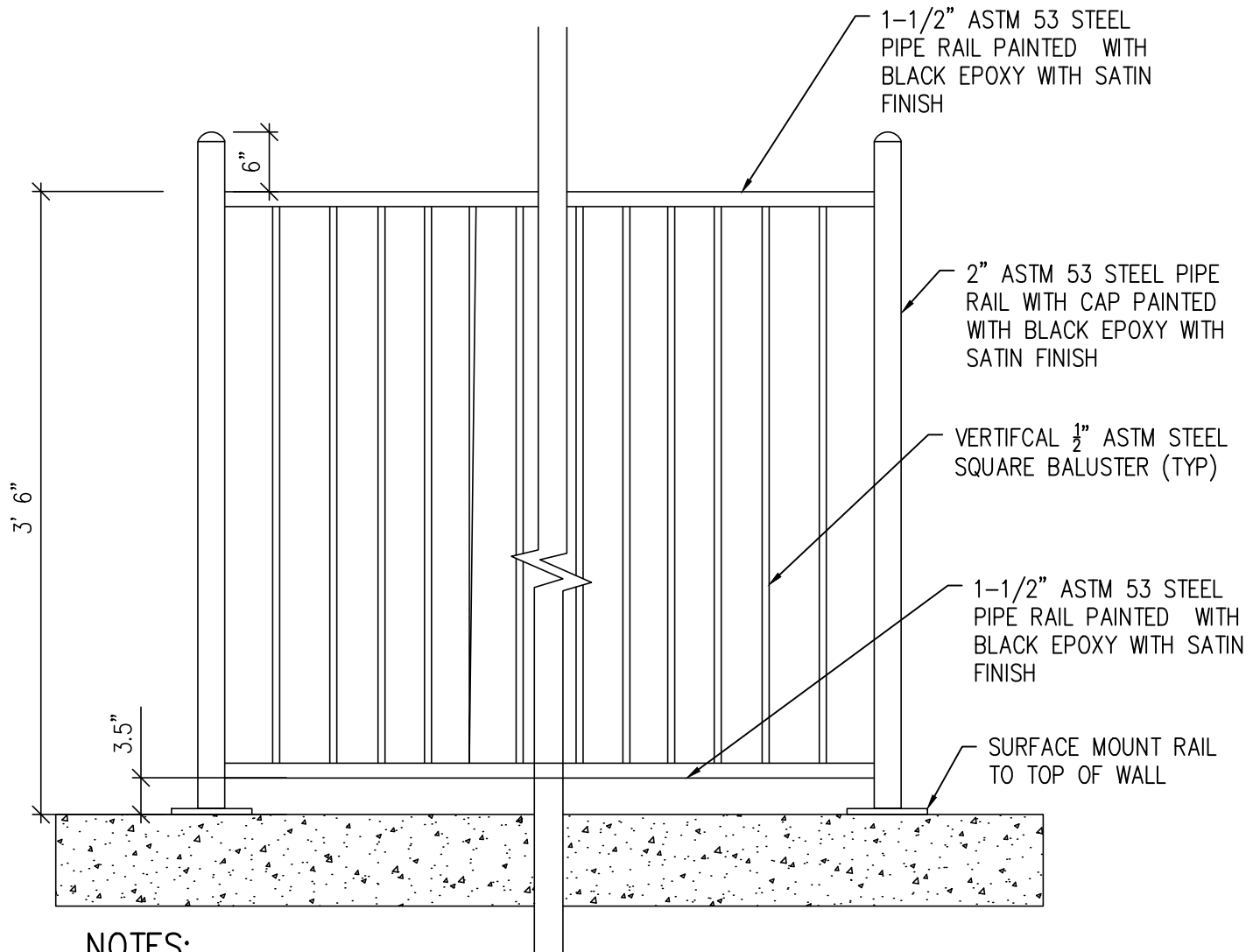
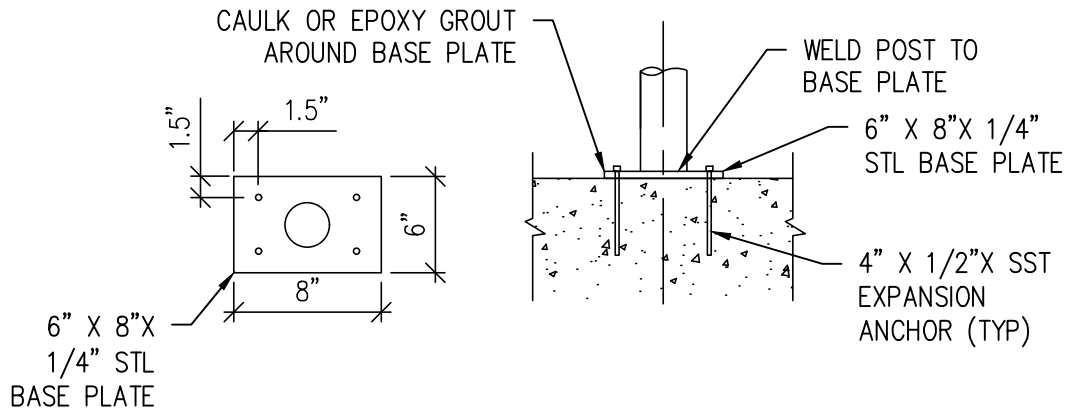
SCALE: NTS



TOWN OF MEAD STANDARD DESIGN CRITERIA
 WIDENING DETAIL FOR STREET KNUCKLE
 (LOCAL STREETS ONLY)

D3.27

DATE: 04/2021



NOTES:

1. HANDRAILS/GUARDRAILS AND ACCESSORIES TO BE GALVANIZED STEEL.
2. ALL HARDWARE SHALL BE GALVANIZED STEEL
3. ALL BRIDGES AND BOX CULVERTS SHALL INCLUDE RAILING OR GUARDRAIL PER CDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (CDOT S&S).
4. GUARDRAIL SHALL BE DESIGNED TO INCLUDE ARCHITECTURAL FEATURES. FINAL DESIGN SHALL BE SUBMITTED TO TOWN ENGINEER FOR APPROVAL.

SCALE: NTS



TOWN OF MEAD STANDARD DESIGN CRITERIA

GUARDRAIL

D3.28

DATE: 04/2021