



NOTE:
*THIS SHEET DEMONSTRATES THE PROJECT LIMITS OF THE MILL ROAD MULTIPATH REDESIGN. FOR PAVEMENT MARKING DETAILS, SEE SHEETS 2-4.

*A COMPREHENSIVE LIST OF QUANTITIES FOR PROPOSED PAVEMENT MARKINGS, REMOVALS, AND FLEXIBLE DELINEATOR POSTS SHALL BE PROVIDED WITH THE PLAN SET PENDING DESIGN APPROVAL.



PROJECT TITLE: MILL ROAD MULTIPATH

CONCEPTUAL DESIGN

MILL ROAD REDESIGN
PROJECT PLAN VIEW

SHEET
1 OF 4
SCALE: 1" = 60'

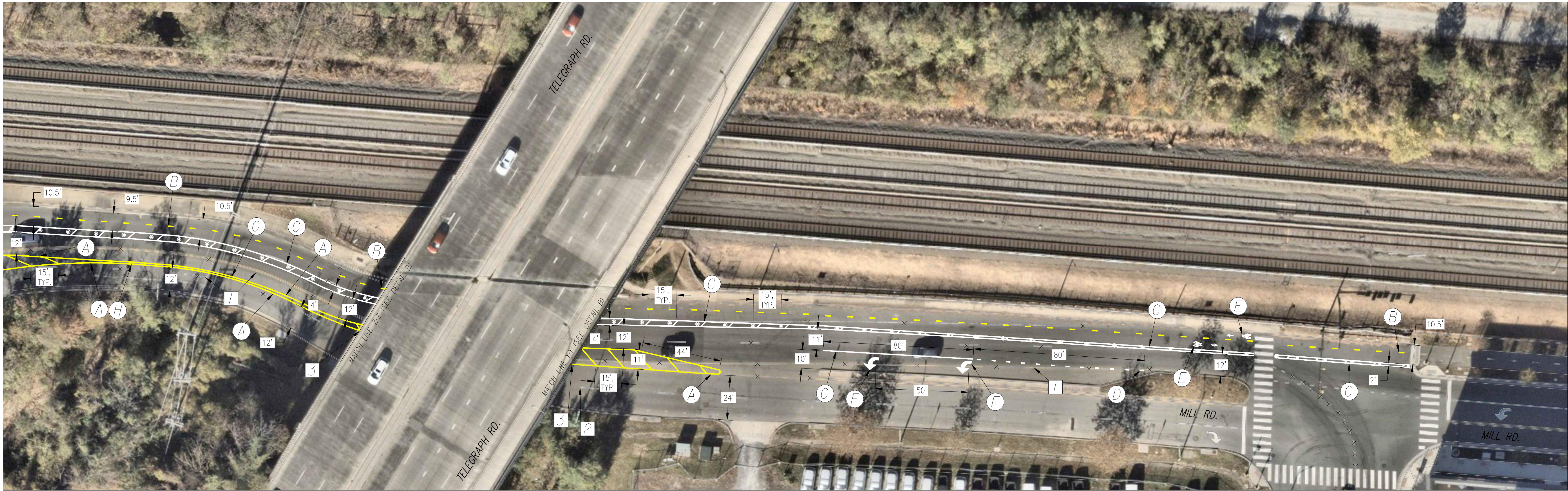
REVISIONS	
DATE	DESCRIPTION

ALEXANDRIA PROJECT NO.:	
DATE OF PLAN ISSUANCE:	
CONSULTANT PROJECT ID:	
DESIGNED BY: ENL	DATE: 03-2025
DRAWN BY: ENL	DATE: 03-2025
CHECKED BY: JP	DATE: 03-2025
APPROVED BY:	DATE:

CITY OF ALEXANDRIA, VIRGINIA
DEPARTMENT OF PROJECT IMPLEMENTATION
301 KING STREET
ALEXANDRIA, VIRGINIA 22314



MATCH LINE B-B (SEE SHEET 4)

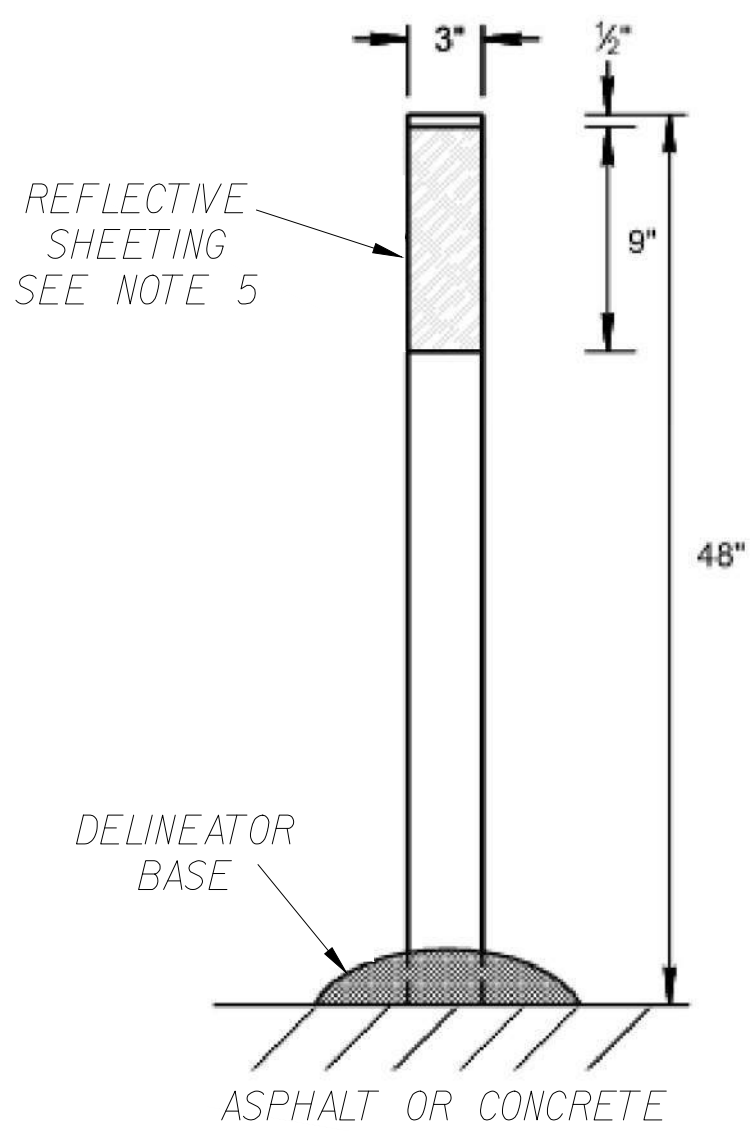


GENERAL NOTES

- THE PROPOSED GORE STRIPING SHALL BE ANGLED 45 DEGREES TOWARDS THE DIRECTION OF TRAVEL AND SPACED 15 FEET APART.
- THE REFLECTIVE SHEETING SHALL MEET THE REQUIREMENTS OF AASHTO M268, TYPE B OR HIGHER RETROREFLECTIVE PERFORMANCE LEVEL.
- THE REFLECTIVE SHEETING STRIP ON THE DELINEATORS SHALL BE MIN. 9 INCHES IN LENGTH AND SUFFICIENT WIDTH TO PROVIDE A MIN. 3 INCHES WIDE PROFILE FACING APPROACHING TRAFFIC. THE VARIATIONS IN REFLECTIVE SHEETING DIMENSION SHOULD NOT EXCEED +/-10%.
- THE COLOR OF THE DELINEATOR POST SHALL CONFORM TO THE LEGEND.
- THE COLOR OF THE REFLECTIVE SHEETING SHALL CONFORM TO THE COLOR OF EDGE LINES.
- DELINEATOR POSTS SHALL BE SPACED 15 FEET APART UNLESS OTHERWISE NOTED IN THE PLANS.
- THE PROPOSED PAVEMENT MARKINGS SHALL TIE INTO EXISTING PAVEMENT MARKINGS AS SHOWN ON THE PLANS.
- THE PROPOSED PROTECTED TWO-WAY BIKE LANE SHALL BE 10.5 FEET TOTAL IN WIDTH WHERE POSSIBLE AND NO LESS THAN 8.5 FEET WHERE TIGHTENING IS NECESSARY. THE BIKE TRAVEL SPACE FOR EACH DIRECTION SHALL BE CALCULATED AS HALF OF THE TOTAL WIDTH MINUS 1/2 FOOT FOR THE SEPARATING LANE LINE. I.E. WHERE 10.5 FEET IS AVAILABLE, 5 FEET SHALL BE ALLOCATED TO EACH DIRECTION OF TRAVEL AND 1/2 FOOT SHALL BE ALLOCATED TO THE SEPARATING LANE LINES. THE BUFFER BETWEEN THE BIKE AND VEHICLE LANES SHALL BE 4 FEET WIDE MAXIMUM BUT NO LESS THAN 18 INCHES WIDE.
- THE CONTRACTOR SHALL REFER TO THE DECEMBER 2023 MUTCD WHEN CONSIDERING SIGNAGE THROUGHOUT THE MULTIPATH. SEE PART 9 OF THE DECEMBER 2023 MUTCD FOR SIGN APPLICATIONS RELATED TO BIKE TRAFFIC.

CONSTRUCTION NOTES

- THE CONTRACTOR SHALL REMOVE ALL EXISTING PAVEMENT MARKINGS AND SYMBOLS CONFLICTING WITH THE RECONFIGURATION OF MILL ROAD.
- PAVEMENT MARKINGS EAST OF THE INDICATED POINT ALONG EASTBOUND MILL ROAD SHALL REMAIN AS EXISTING EXCEPT WHERE INDICATED.
- SEE DETAIL B FOR PROPOSED PAVEMENT MARKINGS SPANNING UNDERNEATH THE TELEGRAPH ROAD OVERPASS. THESE PAVEMENT MARKINGS SHALL TIE INTO THE PROPOSED MARKINGS AT MATCH LINES Y-Y AND Z-Z.

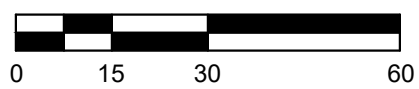
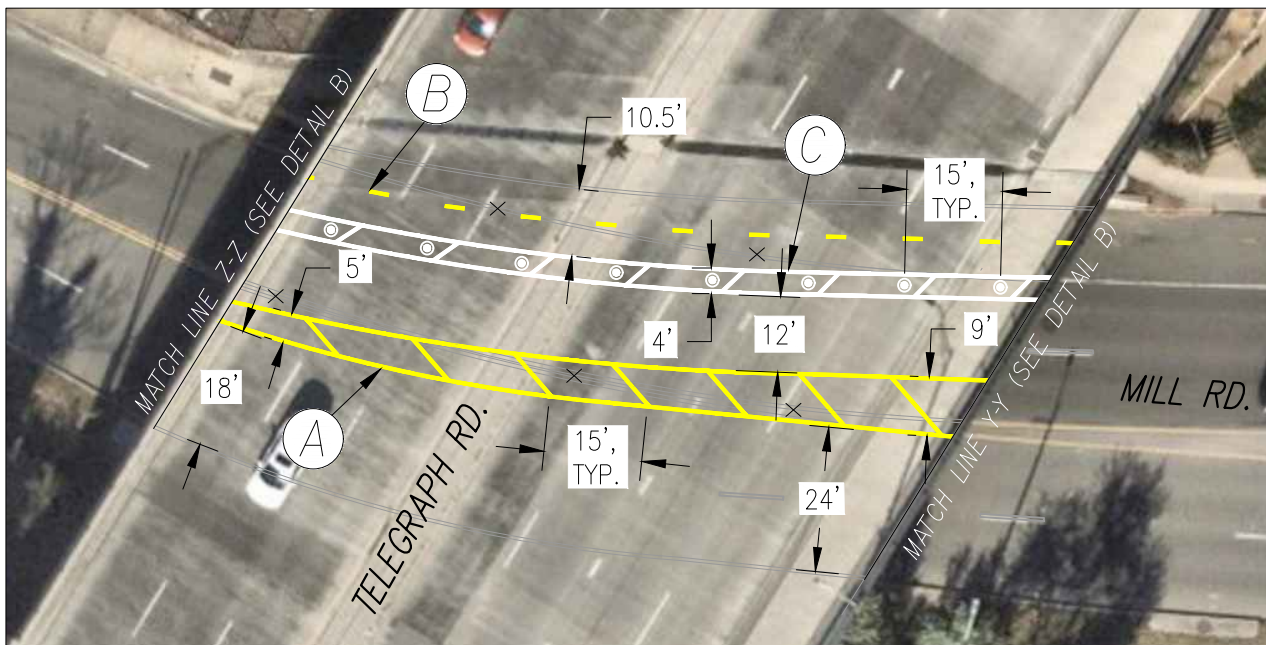


SURFACE MOUNTED FLEXIBLE POST DELINEATOR DETAIL

LEGEND

- PROPOSED FLEXIBLE DELINEATOR POST, WHITE
- PROPOSED PAVEMENT MARKING, 4" WIDTH, YELLOW
- PROPOSED PAVEMENT MARKING, 4" WIDTH, 3' LONG, 9' SPACE, YELLOW
- PROPOSED PAVEMENT MARKING, 4" WIDTH, WHITE
- PROPOSED PAVEMENT MARKING, 4" WIDTH, 2' LONG, 6' SPACE, WHITE
- PROPOSED BICYCLE SYMBOL AND ARROW PAVEMENT MARKING, WHITE
- PROPOSED LEFT TURN ARROW PAVEMENT MARKING, WHITE
- PROPOSED PAVEMENT MARKING, 4" WIDTH, DOUBLE LINE, 7" SPACE
- TO BE REMOVED

DETAIL B:
PAVEMENT MARKINGS UNDERNEATH THE
TELEGRAPH ROAD OVERPASS



CONCEPTUAL DESIGN



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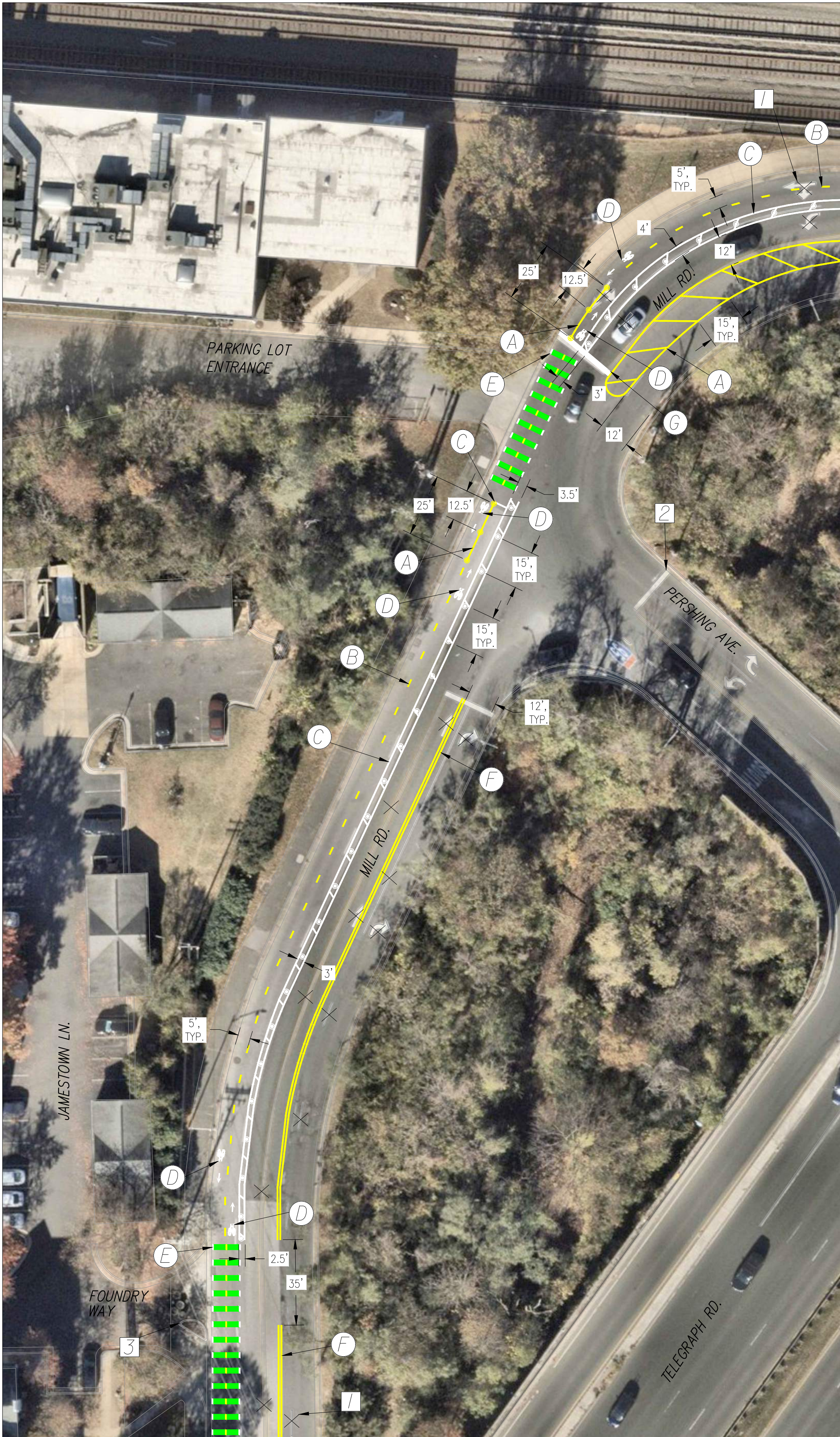
REVISIONS	DESCRIPTION
DATE	BY

ALEXANDRIA PROJECT NO.:	
DATE OF PLAN ISSUANCE:	
CONSULTANT PROJECT ID.:	
DESIGNED BY: BN	DATE: 03-2025
DRAWN BY: JP	DATE: 03-2025
CHECKED BY: JP	DATE: 03-2025
APPROVED BY:	DATE:

PROJECT TITLE: MILL ROAD MULTIPATH

MILL ROAD
PROTECTED BIKE LANE
ROAD DIET

SHEET
2 OF 4
SCALE 1" = 30'



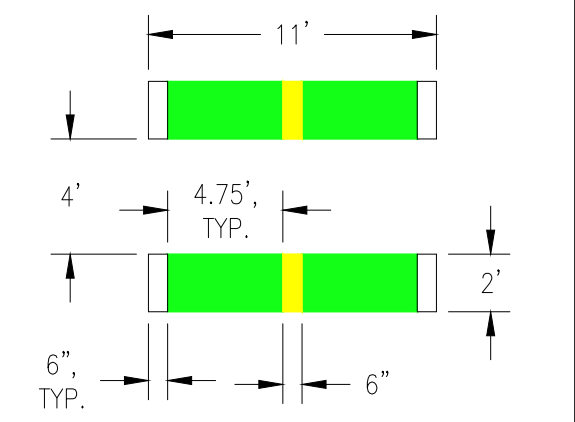
MATCH LINE C-C (SEE SHEET 5)

MATCH LINE B-B (SEE SHEET 3)

LEGEND

- PROPOSED FLEXIBLE DELINEATOR POST, WHITE
- PROPOSED PAVEMENT MARKING, 4" WIDTH, YELLOW
- PROPOSED PAVEMENT MARKING, 4" WIDTH, 3' LONG, 9' SPACE, YELLOW
- PROPOSED PAVEMENT MARKING, 4" WIDTH, WHITE
- PROPOSED BICYCLE SYMBOL AND ARROW PAVEMENT MARKING, WHITE
- PROPOSED BIKE CROSSING PAVEMENT MARKINGS, 11" WIDTH, 2' LONG, 4' SPACE (SEE DETAIL A)
- PROPOSED PAVEMENT MARKING, 4" WIDTH, DOUBLE LINE, 7" SPACE
- PROPOSED PAVEMENT MARKING, 24" WIDTH, WHITE
- TO BE REMOVED

DETAIL A:
TYP. BIKE CROSSING
PAVEMENT MARKING
(N.T.S.)



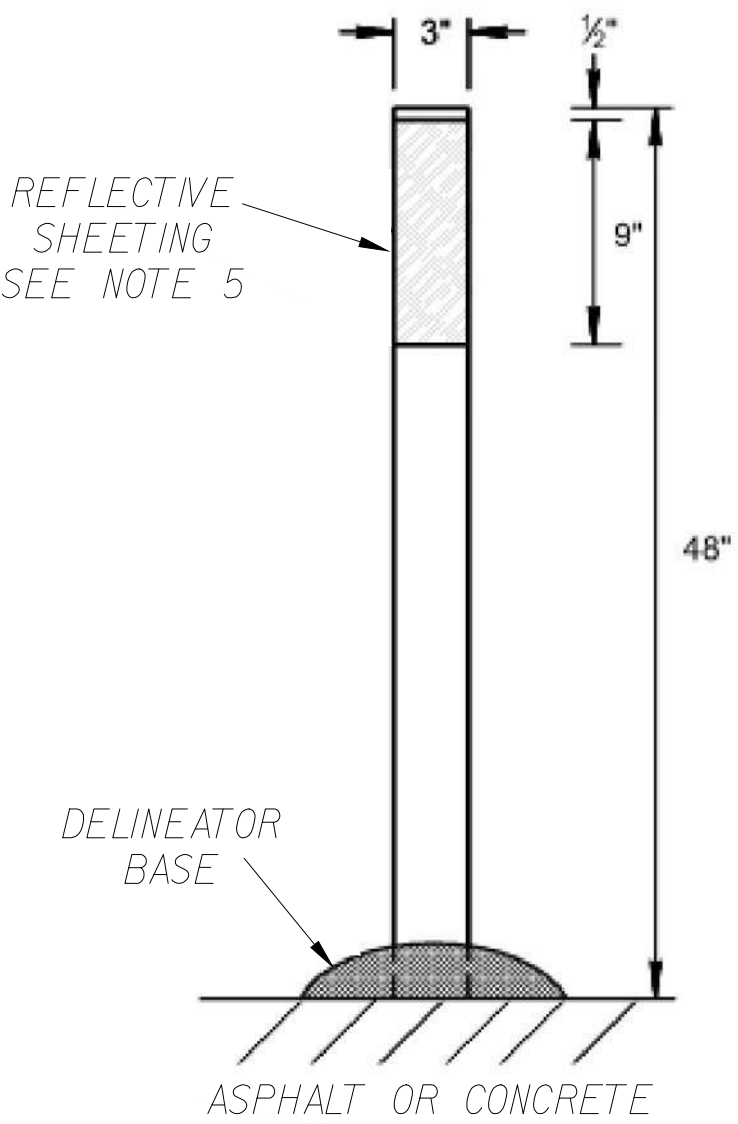
*BLACK OUTLINE SHOWN AROUND WHITE PAVEMENT MARKINGS IS FOR VISIBILITY ON PLAN ONLY.

GENERAL NOTES

- THE PROPOSED GORE STRIPING SHALL BE ANGLED 45 DEGREES TOWARDS THE DIRECTION OF TRAVEL AND SPACED 15 FEET APART.
- THE REFLECTIVE SHEETING SHALL MEET THE REQUIREMENTS OF AASHTO M268, TYPE B OR HIGHER RETROREFLECTIVE PERFORMANCE LEVEL.
- THE REFLECTIVE SHEETING STRIP ON THE DELINEATORS SHALL BE MIN. 9 INCHES IN LENGTH AND SUFFICIENT WIDTH TO PROVIDE A MIN. 3 INCHES WIDE PROFILE FACING APPROACHING TRAFFIC. THE VARIATIONS IN REFLECTIVE SHEETING DIMENSION SHOULD NOT EXCEED +/-10%.
- THE COLOR OF THE DELINEATOR POST SHALL BE WHITE UNLESS OTHERWISE NOTED IN THE PLANS.
- THE COLOR OF THE REFLECTIVE SHEETING SHALL CONFORM TO THE COLOR OF EDGE LINES.
- DELINEATOR POSTS SHALL BE SPACED 15 FEET APART UNLESS OTHERWISE NOTED IN THE PLANS.
- THE PROPOSED PAVEMENT MARKINGS SHALL TIE INTO EXISTING PAVEMENT MARKINGS AS SHOWN ON THE PLANS.
- THE PROPOSED PROTECTED TWO-WAY BIKE LANE SHALL BE 10.5 FEET TOTAL IN WIDTH WHERE POSSIBLE AND NO LESS THAN 8.5 FEET WHERE TIGHTENING IS NECESSARY. THE BIKE TRAVEL SPACE FOR EACH DIRECTION SHALL BE CALCULATED AS HALF OF THE TOTAL WIDTH MINUS 1/2 FOOT FOR THE SEPARATING LANE LINE. I.E. WHERE 10.5 FEET IS AVAILABLE, 5 FEET SHALL BE ALLOCATED TO EACH DIRECTION OF TRAVEL AND 1/2 FOOT SHALL BE ALLOCATED TO THE SEPARATING LANE LINES. THE BUFFER BETWEEN THE BIKE AND VEHICLE LANES SHALL BE 4 FEET WIDE MAXIMUM BUT NO LESS THAN 18 INCHES WIDE.
- THE CONTRACTOR SHALL REFER TO THE DECEMBER 2023 MUTCD WHEN CONSIDERING SIGNAGE THROUGHOUT THE MULTIPATH. SEE PART 9 OF THE DECEMBER 2023 MUTCD FOR SIGN APPLICATIONS RELATED TO BIKE TRAFFIC.
- BOTH DIRECTIONS OF TRAVEL ALONG MILL ROAD SHALL MAINTAIN 12 FOOT LANE WIDTHS.

CONSTRUCTION NOTES

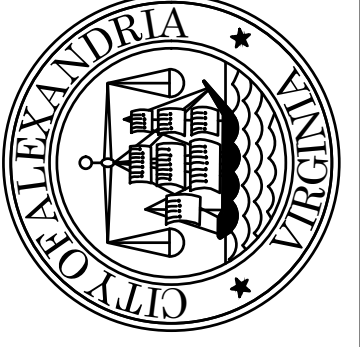
- THE CONTRACTOR SHALL REMOVE ALL EXISTING PAVEMENT MARKINGS AND SYMBOLS CONFLICTING WITH THE RECONFIGURATION OF MILL ROAD.
- THE EXISTING PAVEMENT MARKINGS ON PERSHING AVENUE ARE CONSIDERED OUTSIDE THE RIGHT OF WAY AND SHALL REMAIN AS IS.
- FOUNDRY WAY CURRENTLY EXISTS AS A EXIT ONLY RIGHT TURN ONTO MILL ROAD. THE PROPOSED PAVEMENT MARKINGS ARE DESIGNED FOR THE POSSIBLE ENTRY AND EXIT TO AND FROM FOUNDRY WAY.



SURFACE MOUNTED FLEXIBLE
POST DELINEATOR DETAIL



CONCEPTUAL DESIGN



CITY OF ALEXANDRIA, VIRGINIA
DEPARTMENT OF PROJECT IMPLEMENTATION
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ALEXANDRIA, VIRGINIA 22314

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PROJECT TITLE: MILL ROAD MULTIPATH

MILL ROAD
PROTECTED BIKE LANE
ROAD DIET

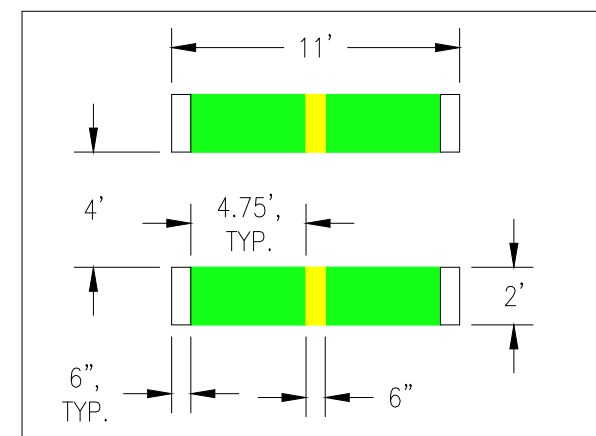
SHEET
3 OF 4
SCALE 1" = 30'



LEGEND

- PROPOSED FLEXIBLE DELINEATOR POST, YELLOW
- PROPOSED FLEXIBLE DELINEATOR POST, WHITE
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- PROPOSED PAVEMENT MARKING, 4" WIDTH, 3' LONG, 9" SPACE, YELLOW
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- PROPOSED BICYCLE SYMBOL AND ARROW PAVEMENT MARKING, WHITE
- PROPOSED BICYCLE SYMBOL AND SHARROW PAVEMENT MARKING, WHITE
- PROPOSED BIKE CROSSING PAVEMENT MARKINGS, 11" WIDTH, 2' LONG, 4' SPACE (SEE DETAIL A)
- PROPOSED PAVEMENT MARKING, 4" WIDTH, DOUBLE LINE, 7" SPACE
- PROPOSED PAVEMENT MARKING, 24" WIDTH, WHITE
- PROPOSED SIGN AND POST
- TO BE REMOVED

DETAIL A:
TYP. BIKE CROSSING
PAVEMENT MARKING
(N.T.S.)



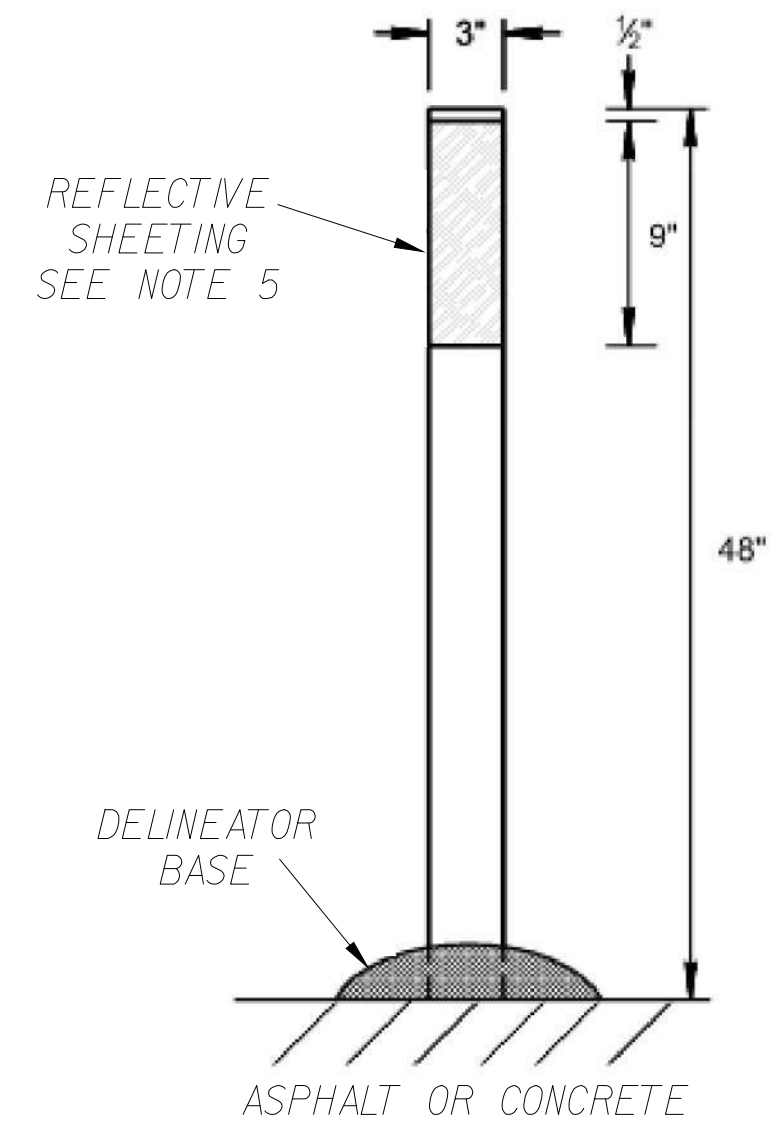
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GENERAL NOTES

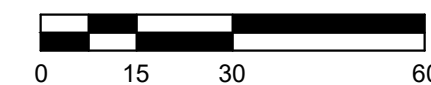
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- BOTH DIRECTIONS OF TRAVEL ALONG MILL ROAD SHALL MAINTAIN 12 FOOT LANE WIDTHS.

CONSTRUCTION NOTES

- THE CONTRACTOR SHALL REMOVE ALL EXISTING PAVEMENT MARKINGS AND SYMBOLS CONFLICTING WITH THE RECONFIGURATION OF MILL ROAD.
- THE CONTRACTOR SHALL INSTALL A BICYCLE AND SHARROW SYMBOL 4 FEET BEFORE THE STOP BAR EXITING THE HOTEL ENTRANCE AND ENTERING MILL ROAD. THE PAVEMENT MARKING SHALL BE INSTALLED ON MILL ROAD AND NOT ON THE EISENHOWER AVENUE OVERPASS AS SHOWN ON THE PLANS.
- EXISTING PAVEMENT MARKINGS ON MILL ROAD WEST OF THE INDICATED POINT SHALL REMAIN AS IS.
- THE CONTRACTOR SHALL INSTALL THE PROPOSED STOP SIGN (R1-1) AND POST AS SHOWN ON THE PLANS.



SURFACE MOUNTED FLEXIBLE
POST DELINEATOR DETAIL



CONCEPTUAL DESIGN



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PROJECT TITLE: MILL ROAD MULTIPATH

MILL ROAD PROTECTED BIKE LANE ROAD DIET
SHEET 4 OF 4 SCALE 1" = 30'