

Origination Form
Proposed Revisions to a Standard Plans Index

Originator:	McGinnis, James	Index Number:	102-120
Date:	5/12/2026	Sheet Number(s):	2, 4, 5
E-mail:	James.McGinnis@dot.state.fl.us	Index Title:	Low Profile Barrier

Summary of the changes:

Sheet 2: Changed "Edge of Travel Way" callout to "Edge of Traveled Way"; Changed the "1'-2' " Dimension to a call out "Lateral Offset (See Table 1)"; Added "(See Note 2)" to the Flexible or Rigid Pavement callout in the SETBACK DISTANCE AT DROP-OFFS detail; Updated the "Varies" dimension to "Lateral Offset (See Table 1)", Clarified the Tangent Extension dimension and added circle to denote point, to match Sheets 4 and 5; Changed "Edge of Traffic Lane" to "Edge of Traveled Way in the APPROACH END OFFSET detail; Added title "TABLE 1" to the Table.

Sheets 4 & 5: In all plan views, clarified the "Lateral Offset" distance between the Edge of Traveled Way and the Tangent Extension Line per Sheet 2.

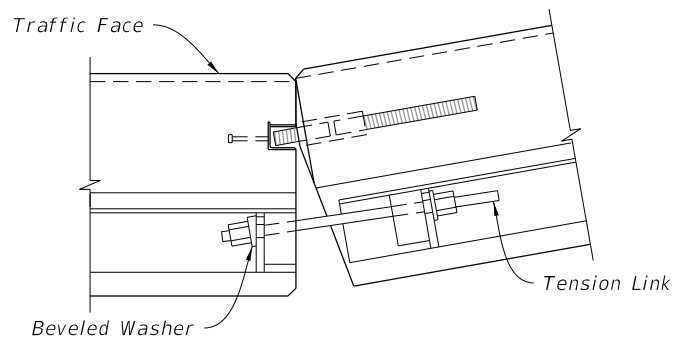
Commentary/Background:

Districts advised that the details for Barrier Openings at Driveways did not show a large enough Lateral Offset distance between the Edge of Traffic Lane and barrier face, so this caused challenges interpreting the 6-foot measurement. These revisions will now clarify this concept by adding labels and showing the distances to scale.

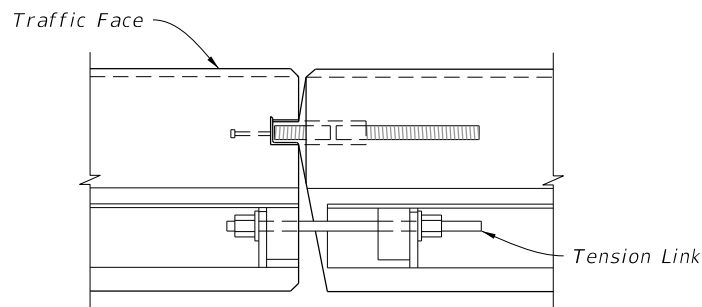
Other Affected Documents/Offices	Person Contacted	Affected (Yes/No)
Other Standard Plans		No
FDOT Design Manual		No
Standard Specifications		No
Basis of Estimates Manual		No
Approved Product List		No
Construction Office		No
Maintenance Office		No

Implementation

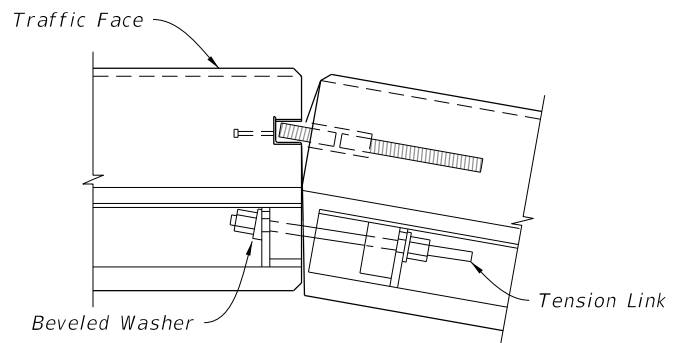
["FY-Standard Plans (Next Release)"]



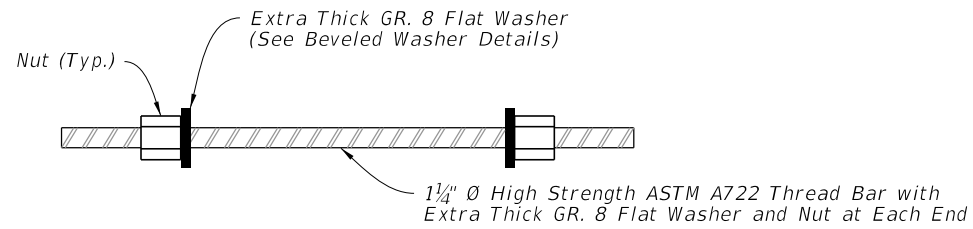
CONCAVE CONNECTION



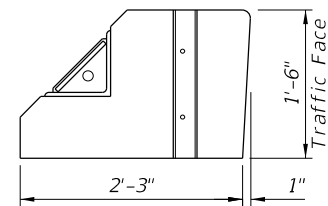
PARALLEL CONNECTION



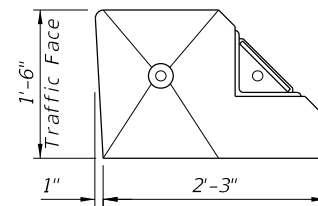
CONVEX CONNECTION



TENSION LINK DETAIL



FLAT FACE FEMALE END



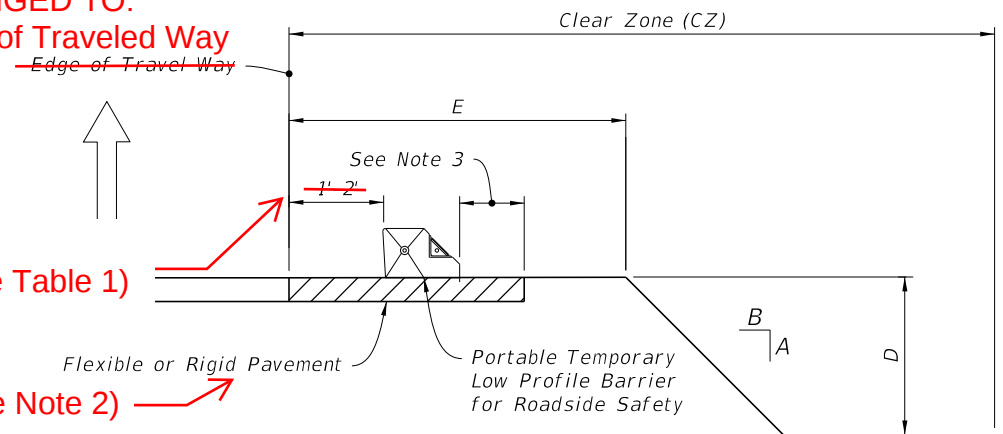
BEVELED FACE MALE END

END VIEWS

CHANGED TO:
Edge of Traveled Way

CHANGED TO;
Lateral Offset (See Table 1)

ADDED: (See Note 2)



SETBACK DISTANCE AT DROP-OFFS

NOTES:

1. LIMITATION OF USE: This installation technique can only be used on flexible or rigid pavement.
2. ASPHALT PAD: Where existing pavement is not present, construct 2" Asphalt Pad using miscellaneous asphalt pavement in accordance with Specification 339 with the exception that the use of a pre-emergent herbicide is not required.
3. Minimum 9" on 1:10 or flatter slopes for 'Portable Temporary Low Profile Barrier For Roadside Safety.' For values A, B, D and E see Index 102-600.

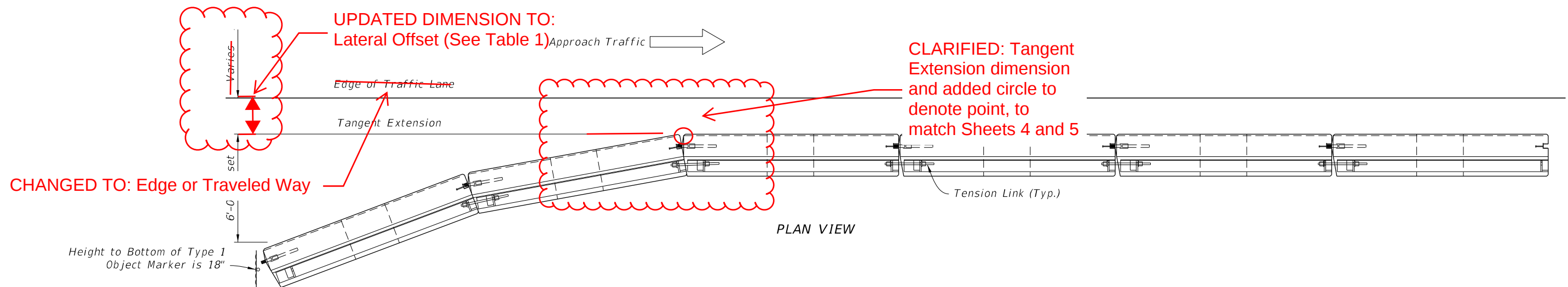
SYMBOLS:

- Type I Object Marker
- Direction of Traffic

ADDED TITLE: TABLE 1

WORK ZONE SPEED	LATERAL OFFSET	SETBACK DISTANCE
45 MPH OR LESS	1' MIN, 2' PREFERRED	9"

PLAN VIEWS OF CONNECTIONS



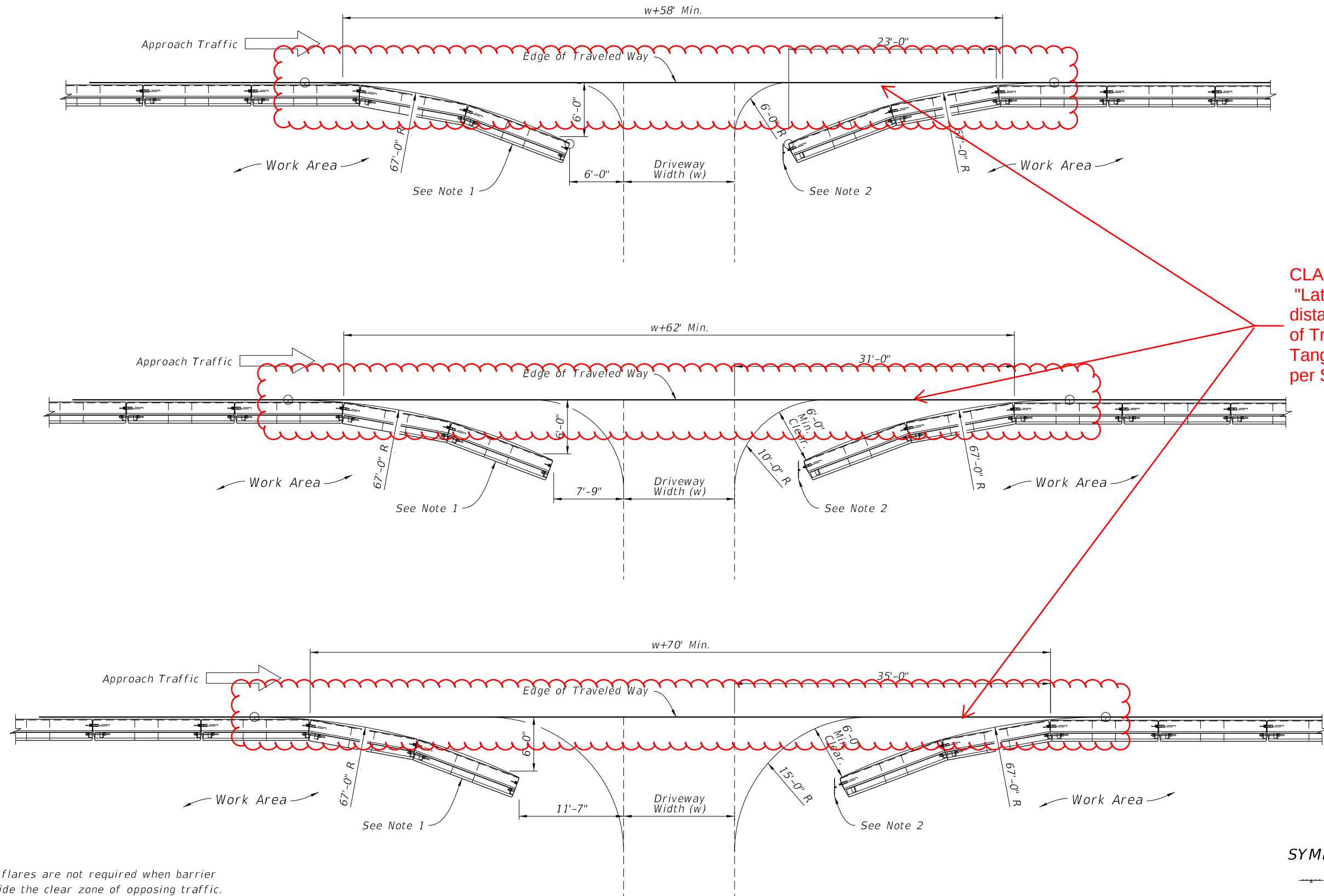
PLAN VIEW

APPROACH END OFFSET

2027-28

9/26/2025 11:07:59 AM

LAST REVISION	DESCRIPTION:	FDOT	FY 2026-27 STANDARD PLANS	LOW PROFILE BARRIER	INDEX	SHEET
11/01/25	11/01/26				102-120	2 of 5



BARRIER OPENINGS AT DRIVEWAYS

2027-28

FY ~~2026-27~~
STANDARD PLANS

LOW PROFILE BARRIER

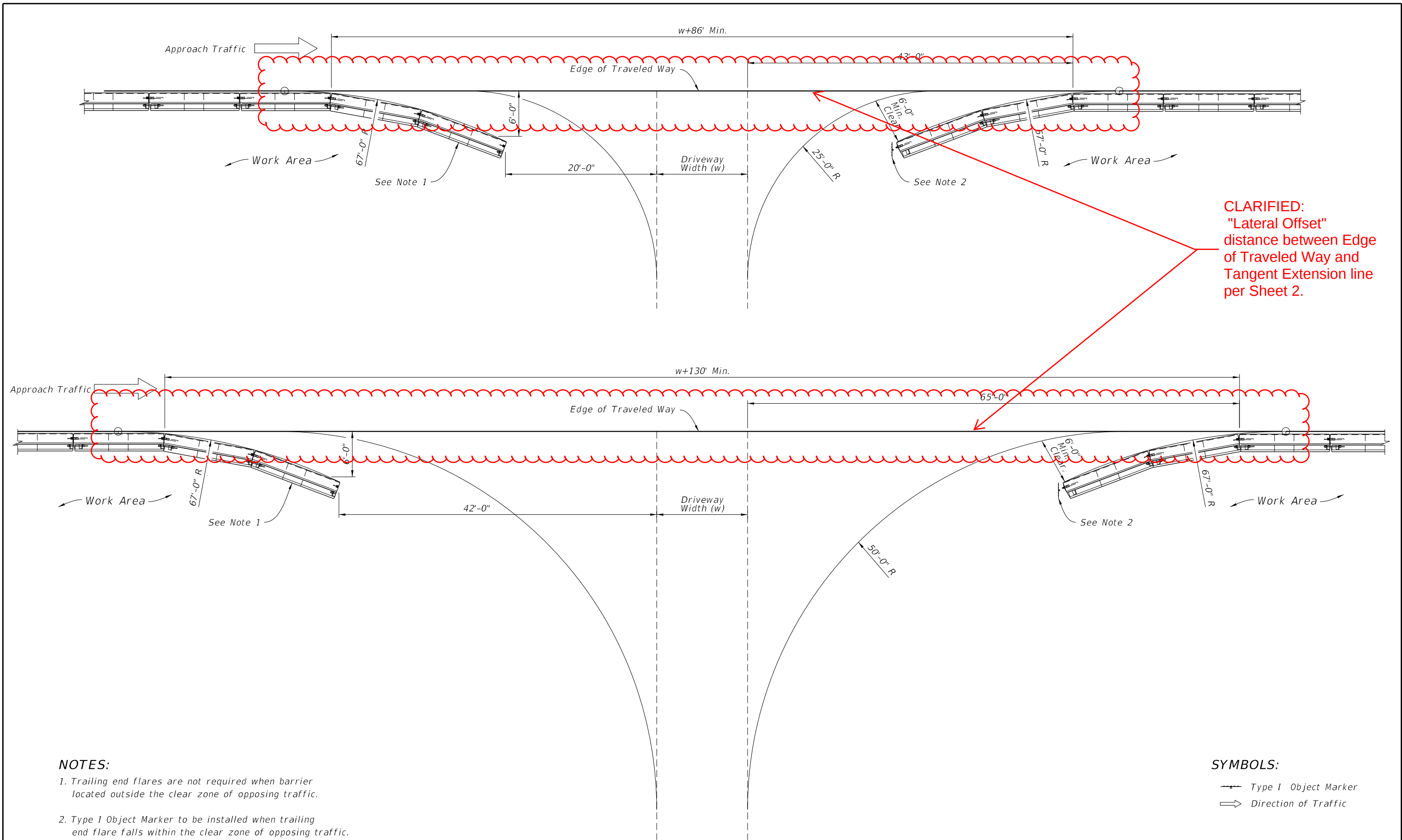
INDEX
102-120

SHEET
4 of 5

9/26/2025 11:08:12 AM

LAST REVISION	DESCRIPTION:
11/01/19	
11/01/26	

9/26/2025 11:08:18 AM



NOTES:

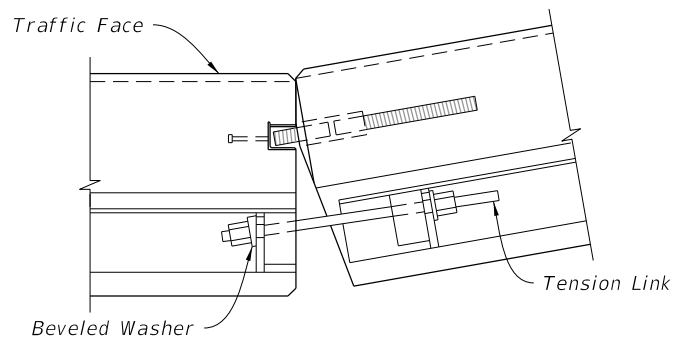
1. Trailing end flares are not required when barrier located outside the clear zone of opposing traffic.
2. Type I Object Marker to be installed when trailing end flare falls within the clear zone of opposing traffic.

SYMBOLS:

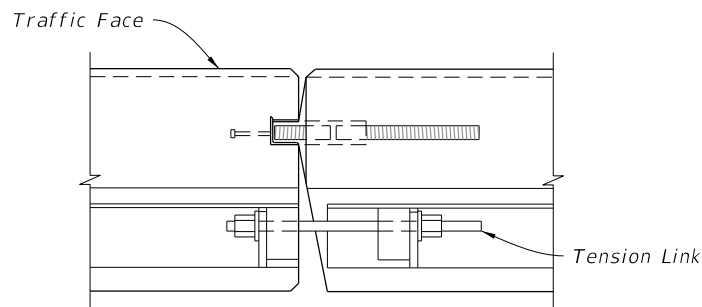
- Type I Object Marker
- ⇒ Direction of Traffic

BARRIER OPENINGS AT DRIVEWAYS

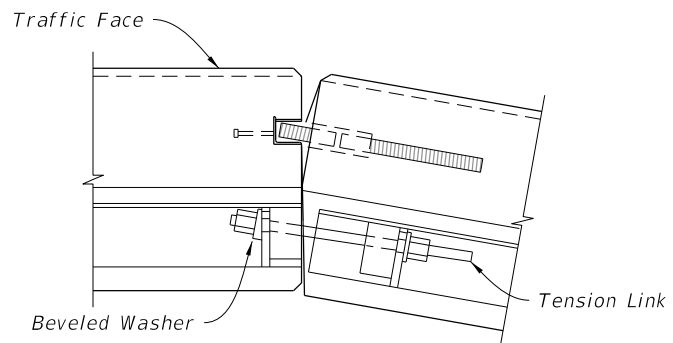
LAST REVISION 11/01/19	REVISION 11/01/26 DESCRIPTION:	 FY 2026-27 2027-28 STANDARD PLANS	LOW PROFILE BARRIER	INDEX 102-120	SHEET 5 of 5
-------------------------------------	---	--	---------------------	-------------------------	------------------------



CONCAVE CONNECTION

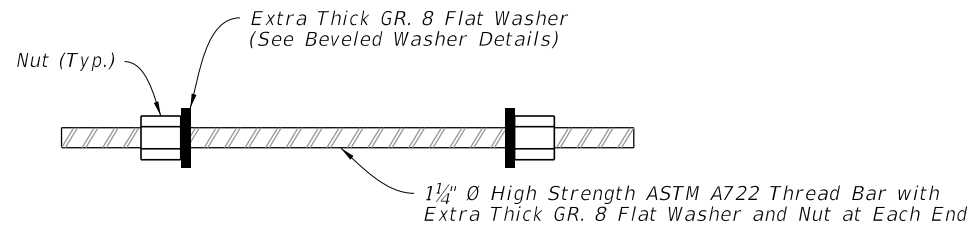


PARALLEL CONNECTION

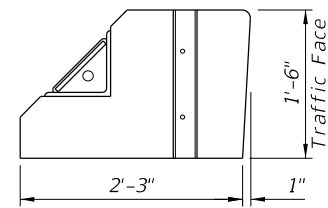


CONVEX CONNECTION

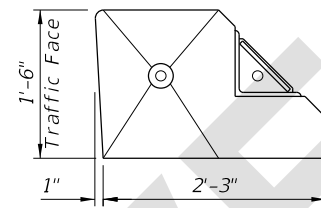
PLAN VIEWS OF CONNECTIONS



TENSION LINK DETAIL

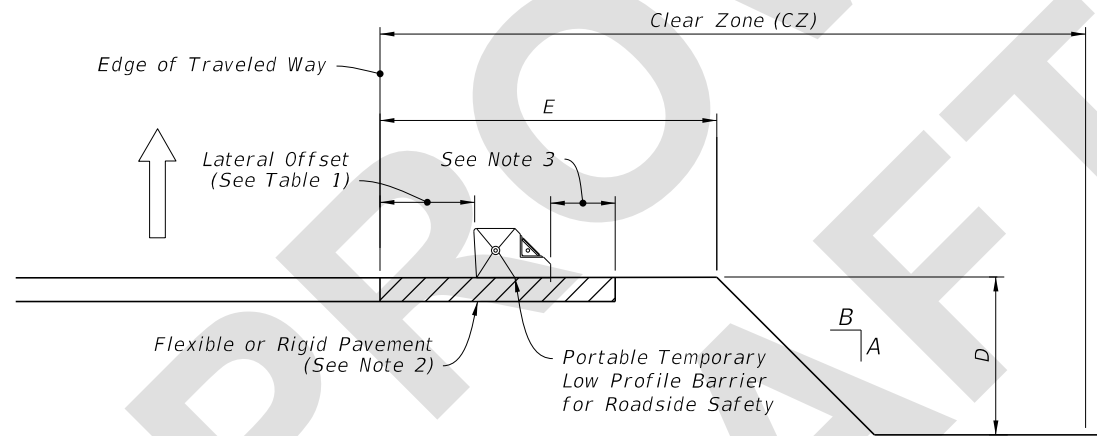


FLAT FACE FEMALE END



BEVELED FACE MALE END

END VIEWS



SETBACK DISTANCE AT DROP-OFFS

NOTES:

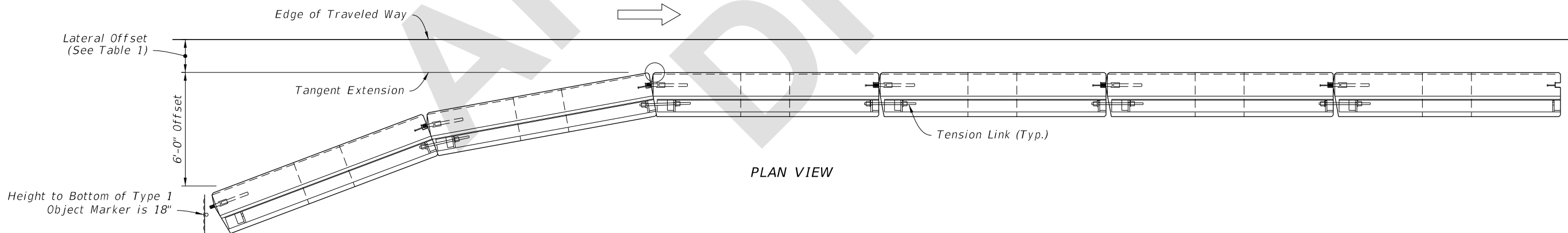
1. LIMITATION OF USE: This installation technique can only be used on flexible or rigid pavement.
2. ASPHALT PAD: Where existing pavement is not present, construct 2" Asphalt Pad using miscellaneous asphalt pavement in accordance with Specification 339 with the exception that the use of a pre-emergent herbicide is not required.
3. Minimum 9" on 1:10 or flatter slopes for 'Portable Temporary Low Profile Barrier For Roadside Safety.' For values A, B, D and E see Index 102-600.

SYMBOLS:

- Type I Object Marker
- ⇒ Direction of Traffic

TABLE 1

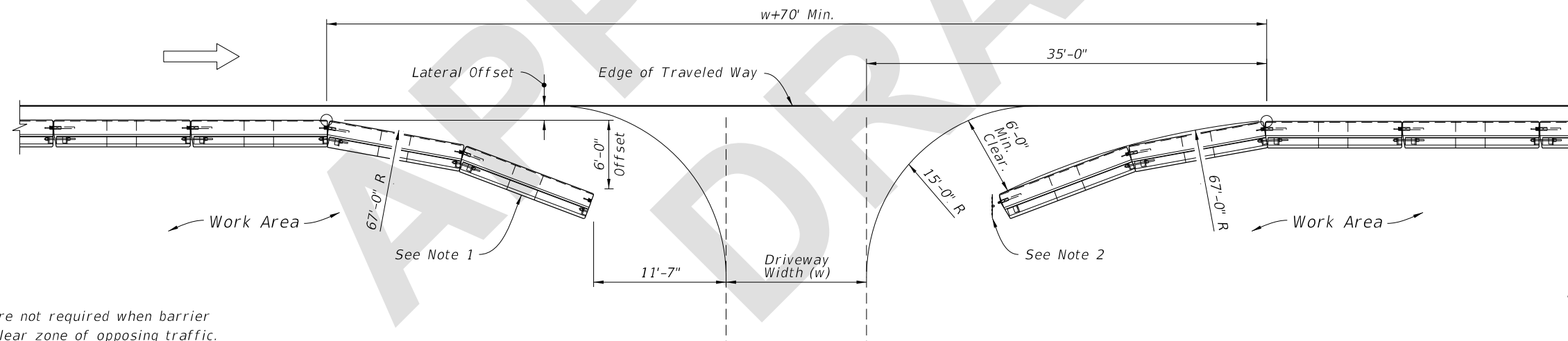
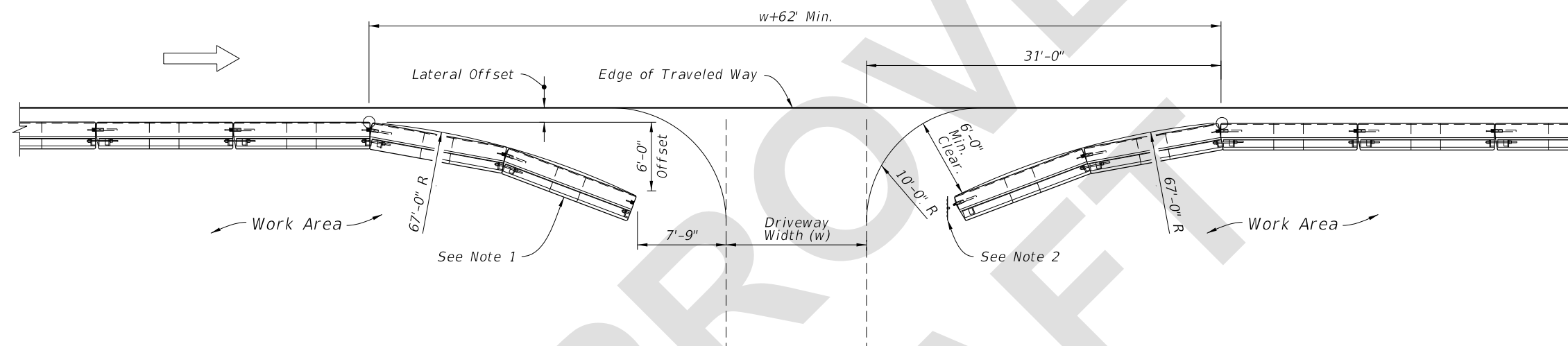
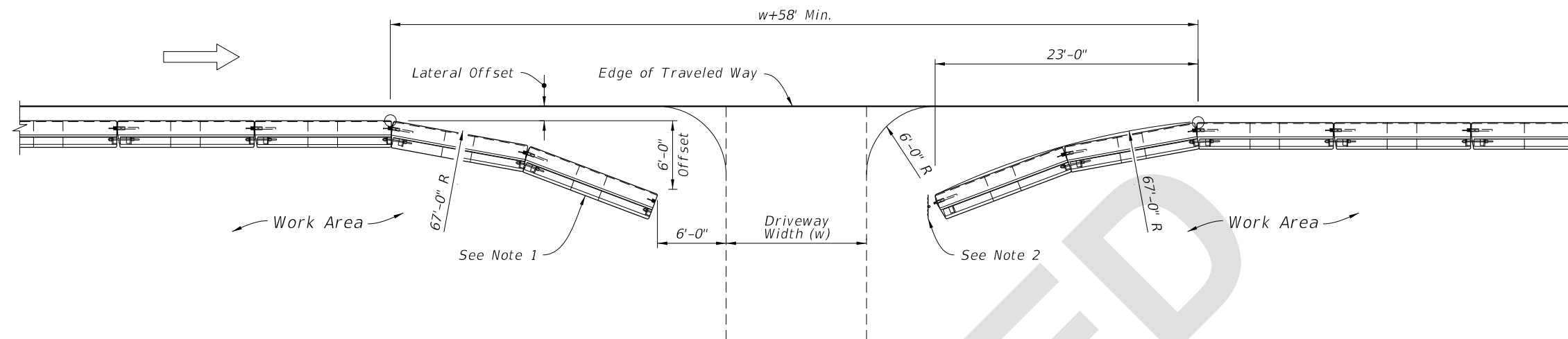
WORK ZONE SPEED	LATERAL OFFSET	SETBACK DISTANCE
45 MPH or Less	1' Min, 2' Preferred	9"



PLAN VIEW

APPROACH END OFFSET

7/14/2026 8:24:41 AM



NOTES:

1. Trailing end flares are not required when barrier located outside the clear zone of opposing traffic.
2. Type I Object Marker to be installed when trailing end flare falls within the clear zone of opposing traffic.

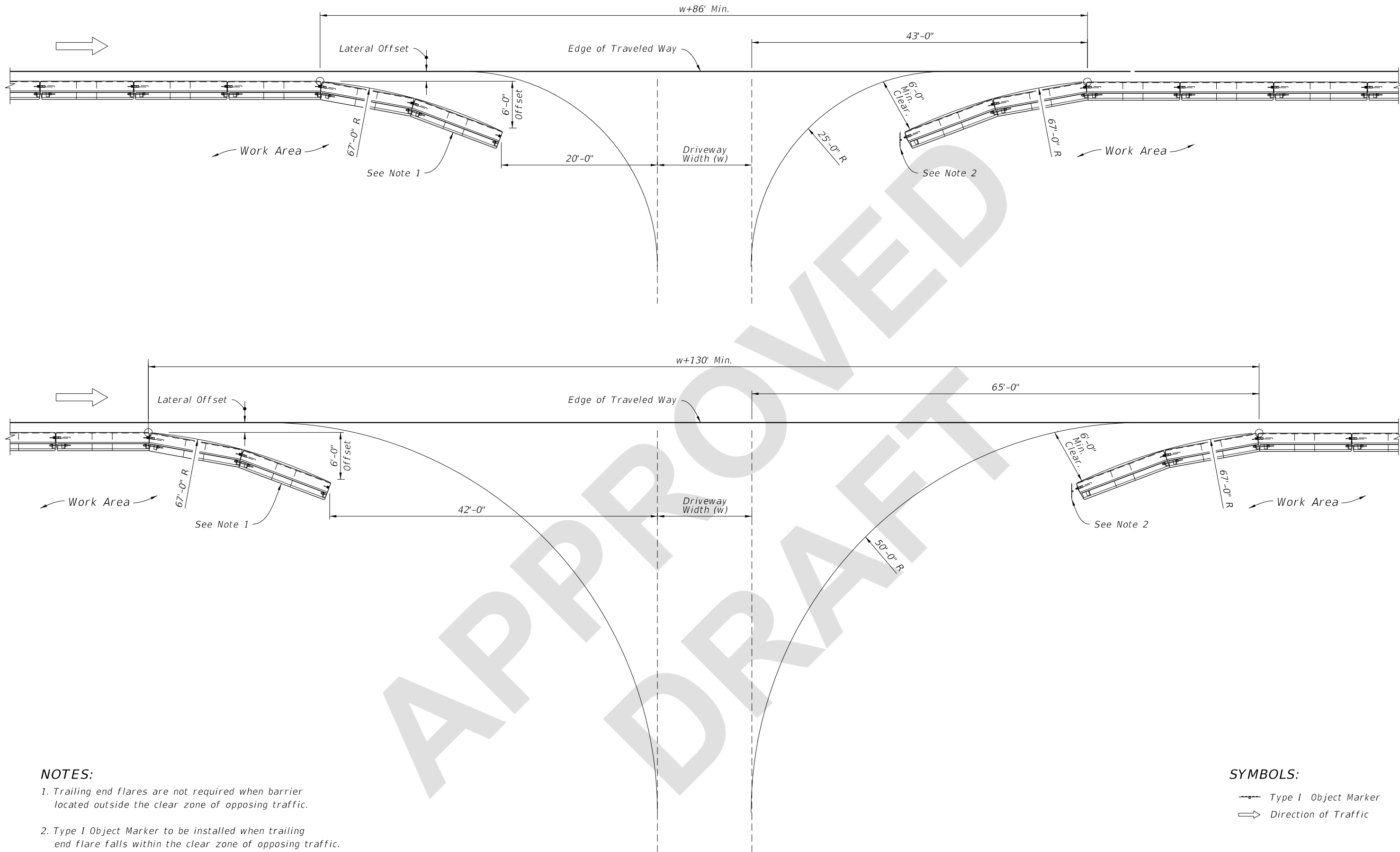
SYMBOLS:

- Type I Object Marker
- ⇒ Direction of Traffic

BARRIER OPENINGS AT DRIVEWAYS

7/14/2026 8:24:43 AM

LAST REVISION 11/01/26	REVISION	DESCRIPTION:	FDOT FY 2027-28 STANDARD PLANS	LOW PROFILE BARRIER	INDEX 102-120	SHEET 4 of 5
------------------------------	----------	--------------	--------------------------------------	---------------------	------------------	-----------------



NOTES:

1. Trailing end flares are not required when barrier located outside the clear zone of opposing traffic.
2. Type I Object Marker to be installed when trailing end flare falls within the clear zone of opposing traffic.

SYMBOLS:

- Type I Object Marker
- ⇒ Direction of Traffic

BARRIER OPENINGS AT DRIVEWAYS

LAST REVISION 11/01/26	REVISION	DESCRIPTION:	 FY 2027-28 STANDARD PLANS	LOW PROFILE BARRIER	INDEX 102-120	SHEET 5 of 5
------------------------------	----------	--------------	--	----------------------------	-------------------------	------------------------