

24-MAY-2017 10:41 S:\Contracts\Special Details\Hoverton\Standard Drawings\2012 Standard Drawings\Division 8\862d01 862d03 862d03\862d01.dgn Jhowerton AT\_CSD-292595

STATE OF  
NORTH CAROLINA  
DEPT. OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH, N.C.

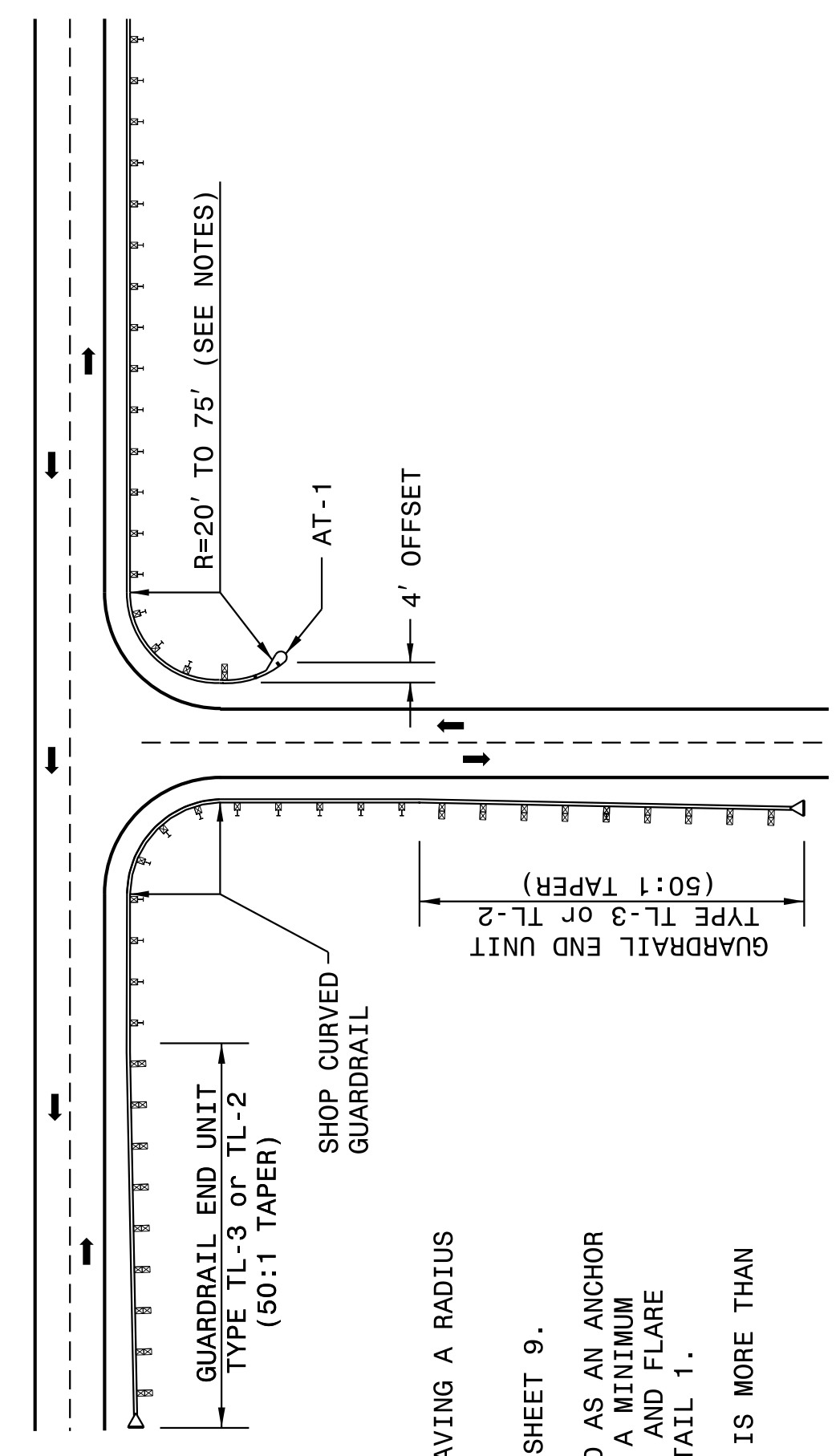
ROADWAY DETAIL DRAWING FOR  
**GUARDRAIL PLACEMENT**

SHEET 8 OF 11  
**862D01**

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ROADWAY DETAIL DRAWING FOR  
**GUARDRAIL PLACEMENT**

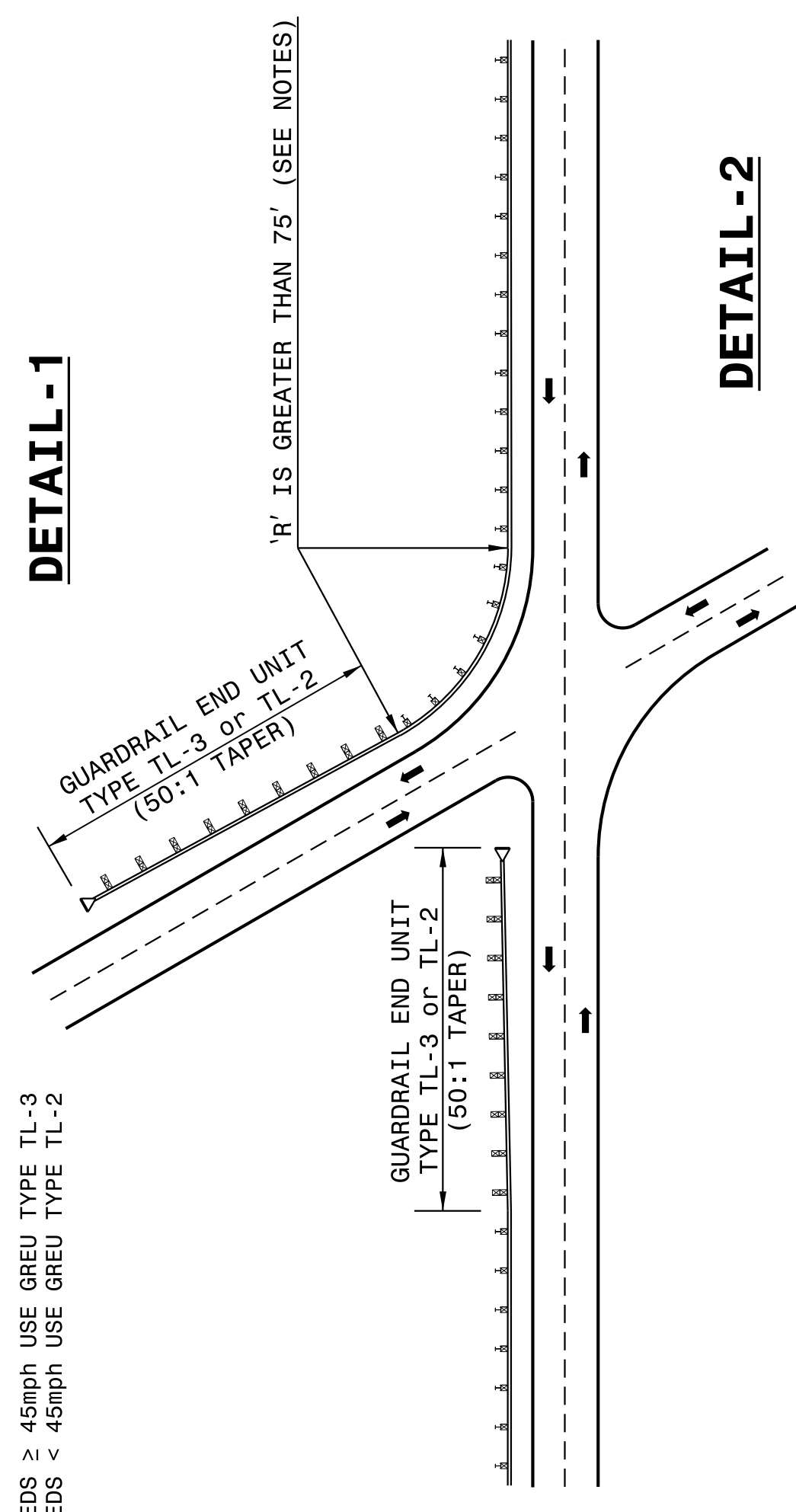
SHEET 8 OF 11  
**862D01**



NOTES:  
SHOP CURVED GUARDRAIL IS DEFINED AS HAVING A RADIUS OF 150' OR LESS.  
WHEN RADIUS IS LESS THAN 20' REFER TO SHEET 9.  
WHENEVER SHOP CURVED GUARDRAIL IS USED AS AN ANCHOR AND THE RADIUS IS FROM 20' TO 75', USE A MINIMUM LENGTH OF 50' OF SHOP CURVED GUARDRAIL AND FLARE WITH AN AT-1 ANCHOR UNIT. REFER TO DETAIL 1.  
WHENEVER SHOP CURVED GUARDRAIL RADIUS IS MORE THAN 75', REFER TO DETAIL 2.

MAINTAIN CLEAR SIGHT DISTANCE.  
FOR POSTED SPEEDS ≥ 45mph USE GREU TYPE TL-3  
FOR POSTED SPEEDS < 45mph USE GREU TYPE TL-2

**DETAIL - 1**



**DETAIL - 2**

**GUARDRAIL TREATMENT AT INTERSECTIONS**

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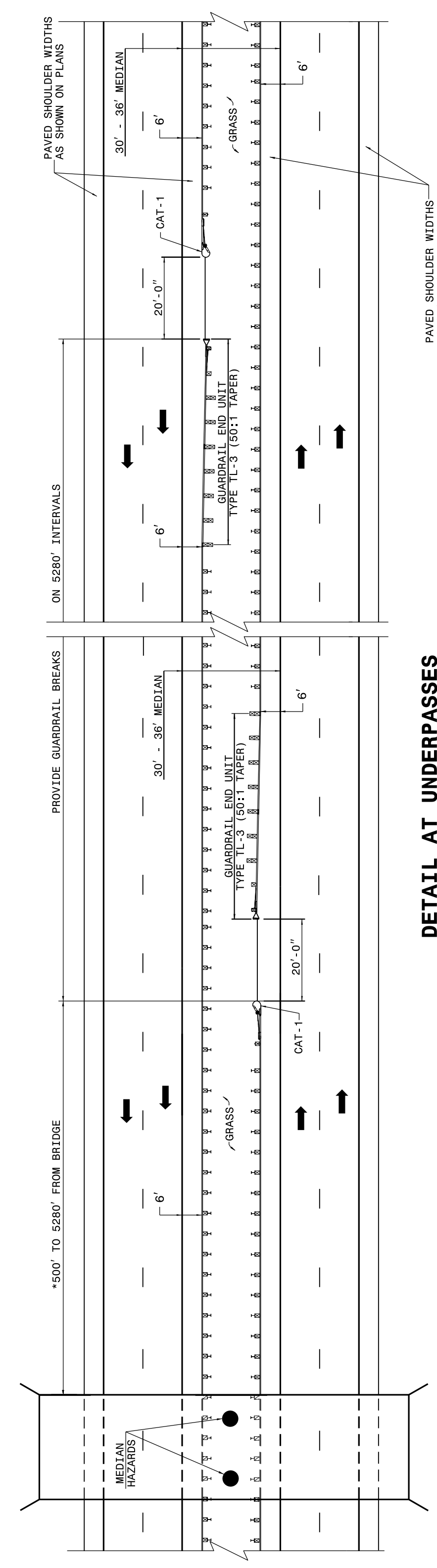
ROADWAY DETAIL DRAWING FOR  
**GUARDRAIL PLACEMENT**

SHEET 7 OF 11  
**862D01**

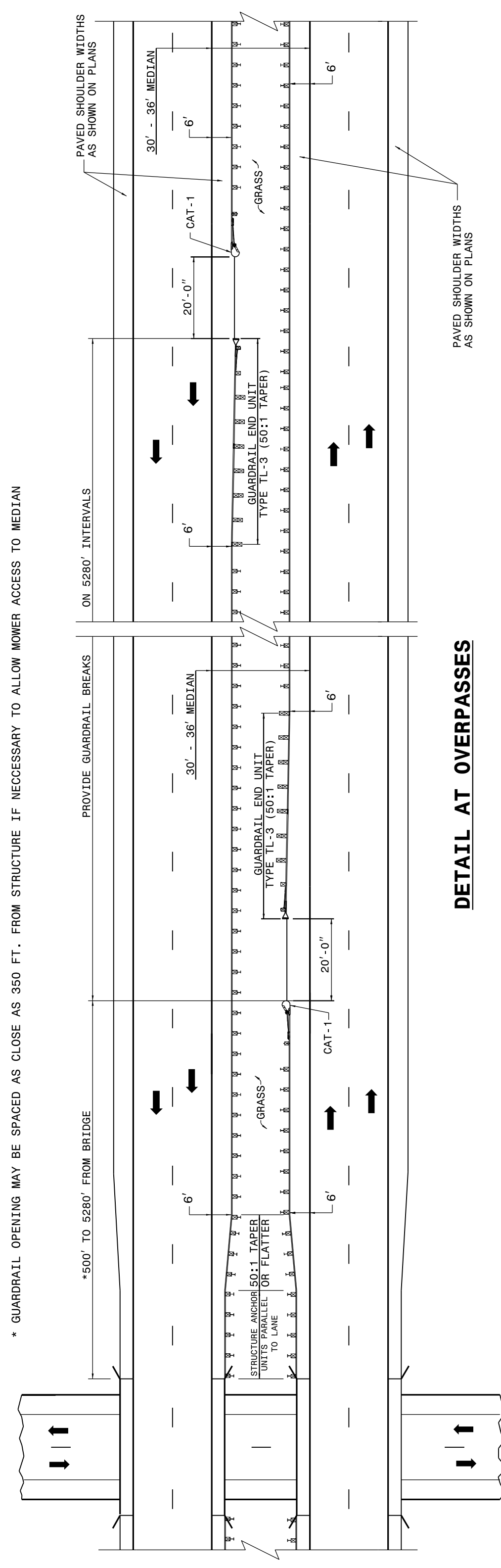
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ROADWAY DETAIL DRAWING FOR  
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SHEET 7 OF 11  
**862D01**



**DETAIL AT UNDERPASSES**



**DETAIL AT OVERPASSES**

FOR POSTED SPEEDS ≥ 45mph USE GREU TYPE TL-3  
FOR POSTED SPEEDS < 45mph USE GREU TYPE TL-2

**GUARDRAIL BREAK INTERVALS WITH 30' - 36' MEDIANS**

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

**CONTRACT STANDARDS  
AND DEVELOPMENT UNIT**  
Office 919-707-6950 FAX 919-250-4119

**SEE TITLE BLOCK**

ORIGINAL BY: J HOWERTON DATE: 06-22-12  
MODIFIED BY: DATE:  
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