



**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DESIGN DIVISION**  
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**INSTRUCTIONAL BULLETIN NO. 14-20**

**Regarding Disturbed Area**

**Effective immediately**, section 3-300.00 is revised as highlighted, section 3-300.01 is added as attached, and Figure 2-25 in Chapter 2 - Drainage is revised to include additional information required in section 3-300.00 and 3-300.01.

**PURPOSE:** To show the total acquired acreage, easements and disturbed area on the plans for the use of the NEPA Office. Projects already having completed the ROW Phase will be required to incorporate this change in Construction Plans. If project is under a ROW revision for other reasons then this change should be incorporated in the ROW revision.

**3-300.00 AREAS SHOWN IN RIGHT-OF-WAY ACQUISITION TABLE**

Acquisition Areas and Easement Areas of 0.100 acres or more shall be shown in acres to 3 decimal places. Areas less than 0.100 acres shall be shown to the nearest square foot.

Right-of-way areas left and right shall be based on the centerline used for construction. If the proposed centerline is changed during design, it shall be necessary to re-compute the areas left and right supplied with the survey and appearing in the TOTAL AREA columns of Figure 2-21 of the guidelines.

The sum of all areas to be acquired and/or as easements shall be totaled and shown at the bottom of the acquisition table.

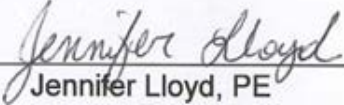
See Figure 2-25 for example Right-of-Way Acquisition Table.

**3-300.01 DISTURBED AREA**

Designers shall show the total disturbed project area below the Right-of-Way Acquisition Table. The total disturbed area shall be updated and the plans revised for any change in the amount of disturbance. Disturbed Area is defined in chapter 10 of the TDOT Drainage Manual as the total area of the site to be cleared, graded or excavated with the life of the project, and shall be calculated as the area within the slopes lines plus a 15 feet wide strip adjacent to the slope lines. For urban areas, the disturbed area may be calculated as the area within the slope lines plus the width of the construction easement when no construction activities will occur outside the construction easement.

IB 14-20

See Figure 2-25 for example of how to show the total disturbed area below the Right-of-Way Acquisition Table.



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Jennifer Lloyd, PE  
Civil Engineering Director  
Roadway Design Division

JL:ARH:MWC  
12/1/2014

Attachment

R.O.W. ACQUISITION TABLE																			
TRACT NO.	PROPERTY OWNERS			COUNTY RECORDS				TOTAL AREA (ACRES)			AREA TO BE ACQUIRED (ACRES)			AREA REMAINING (ACRES)			EASEMENT (ACRES)		
				TAX MAP NO.	PARCEL NO.	DEED REFERENCE	BK.	PAGE	LEFT	RIGHT	TOTAL	LEFT	RIGHT	TOTAL	LEFT	RIGHT	PERM. DRAINAGE	SLOPE	CONST.
1	BERT C. NICHOLSON			42	8	16	142	19.72		19.72					0.113				
2	GINGER BURCHETT			42	9	24	216	11.3	11.3	11.3				0.276		0.077			
3	GLENN LADD			42	10	38	123	3.1	3.1	3.1						149 S.F.			
4	IRENE S. MONK			42	11	77	289	30.01	30.01	30.01	8.993	21.017		(1) 0.630	0.035	(3) 0.461			
5	ROBERT L. BRYANT			42	12	63	220	773.66	773.66	773.66	9.031	764.629		(2) 0.296	0.225	(4) 0.791			
6	ZACK FARRIS			42	13	79	249							240 S.F.		0.024			
<b>ACQUISITION TOTALS (ACRES)</b>											9.031	8.993	18.024		1.320	0.261	1.356		
<b>DISTURBED AREA</b>																			
IN BETWEEN SLOPE LINES														20.136 (AC)					
15 FOOT WIDE STRIP (OUTSIDE SLOPE LINES)														7.263 (AC)					
<b>TOTAL DISTURBED AREA</b>														<b>27.399 (AC)</b>					

- (1) INCLUDES 0.375 AC. FOR WINGWALLS
- (2) INCLUDES 0.228 AC. FOR WINGWALLS
- (3) DOES NOT INCLUDE 0.492 AC. FOR SINK HOLE REPAIR
- (4) DOES NOT INCLUDE 0.261 AC. FOR SINK HOLE REPAIR. INCLUDES 0.070 AC. FOR SEDIMENT FILTER BAG.

NOTE: EASEMENT AREAS SHOULD BE SHOWN IN ACRES AND NOTED AS SUCH WHEN GREATER THEN 0.1 ACRES SQUARE FEET AREAS ACQUIRED AND REMAINING SHOULD BE SHOWN IN SQUARE FEET AND NOTED AS SUCH WHEN LESS THAN 0.1 ACRES. IN URBAN PROJECTS THE PREDOMINANT UNITS FOR AREA ACQUIRED AND REMAINING SHOULD BE SHOWN IN SQUARE FEET.

Figure 2-25  
Typical R.O.W. Acquisition Table