

**GBA** GEORGE BUTLER ASSOCIATES, INC.  
Engineers - Architects  
Kansas • Missouri • Illinois

DATE: APRIL, 2003  
DESIGN BY: DTS  
DRAWN BY: TMW  
PROJECT NO.: 10081  
SHEET NO.: 3  
TOTAL SHEETS: 7

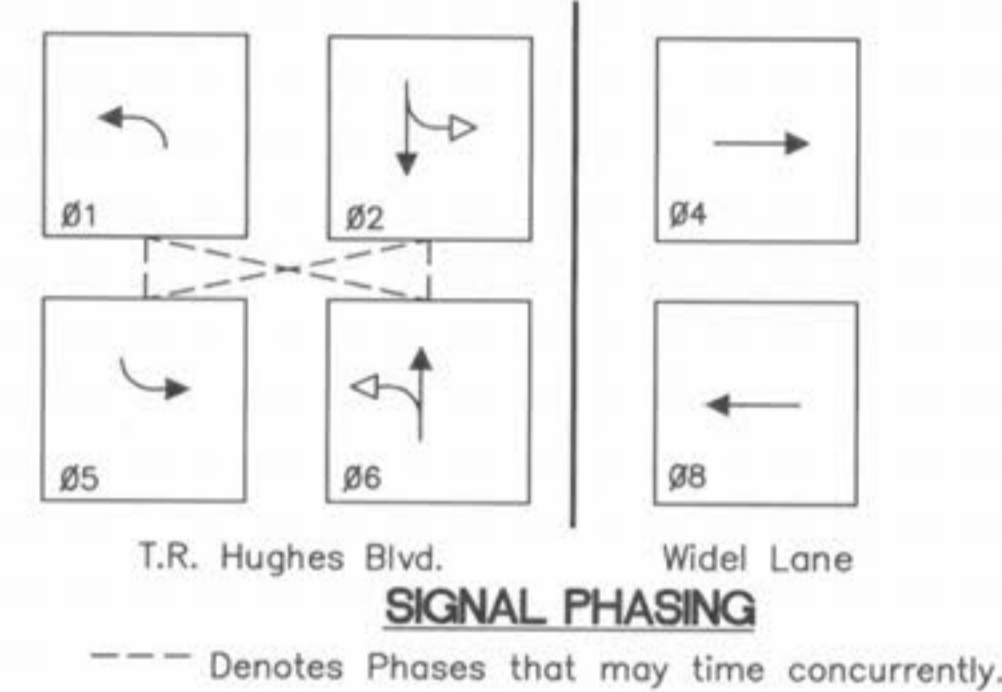
TRAFFIC SIGNAL MODIFICATION  
**T.R. HUGHES AND  
WIDEL LANE**  
O'FALLON, MISSOURI

**SUMMARY OF PAVEMENT MARKINGS**

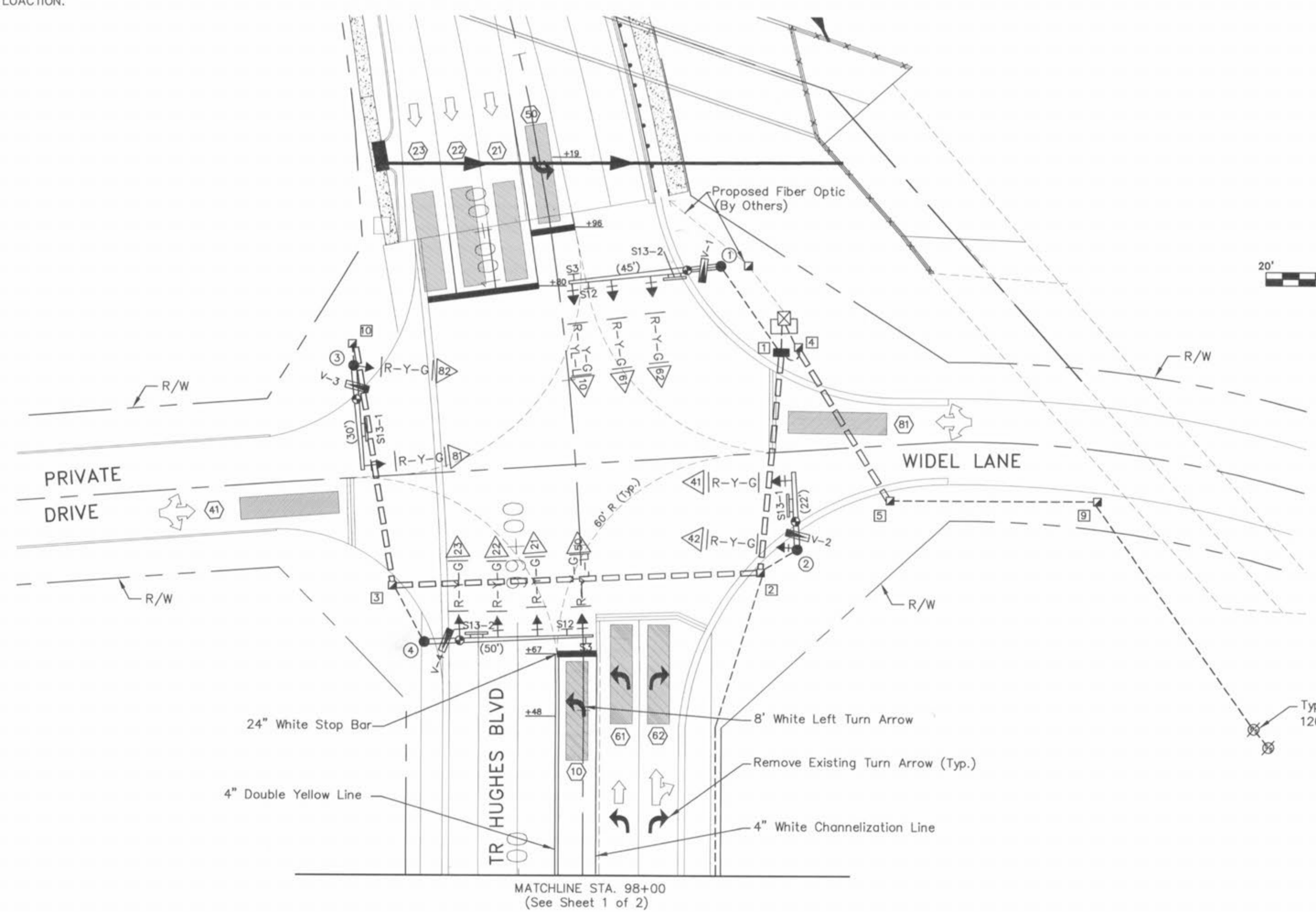
Location	4" Double Yellow Line	4" White Channelization Line	24" White Stop Bar	18" Yellow Diagonal Line	8' White Left Turn Arrow (Each)
From - To					
96+69 - 98+67	662'				
96+69 - 98+00				30' (1)	
98+00 - 98+67		67'			
98+48					1
98+67			12'		
99+80			34'		
99+80 - 100+00		65'			
99+96			14'		
100+19					1
<b>TOTAL</b>	<b>662'</b>	<b>132'</b>	<b>60'</b>	<b>30'</b>	<b>2</b>

**DESIGN SPEEDS:**  
T.R. Hughes - 40 mph  
Widel Lane - 25 mph

(1) EXACT QUANTITIES WILL DEPEND ON EXISTING PAVEMENT MARKINGS AND THEIR LOCATION.



- LEGEND**
- ➔ CONVENTIONAL SIGNAL HEAD WITH BACKPLATE
  - TYPE A BASE
  - ☒ CONTROLLER WITH PAD
  - ☑ PULLBOX, PREFORMED
  - DOUBLE PULLBOX, CONCRETE
  - 📷 VIDEO DETECTION CAMERA
  - ⊗ TYPE II POWER SUPPLY
  - ⊗ SECONDARY SERVICE POINT
  - 🚧 MAST ARM WITH SIGNAL HEADS, AND SIGN
  - ▬ VIDEO DETECTION ZONE
  - CONDUIT IN TRENCH
  - ▭ BORED CONDUIT
  - 50 SIGNAL FACE NUMBER
  - 1 POST NUMBER
  - 31 DETECTOR NUMBER
  - 8 PULLBOX NUMBER
  - ↔ LANE USE
  - PROPOSED PAVEMENT MARKINGS
  - EXISTING PAVEMENT MARKINGS (USE IN PLACE)
  - EXISTING PAVEMENT MARKINGS (TO BE REMOVED)



MATCHLINE STA. 98+00  
(See Sheet 1 of 2)