

### GENERAL NOTES

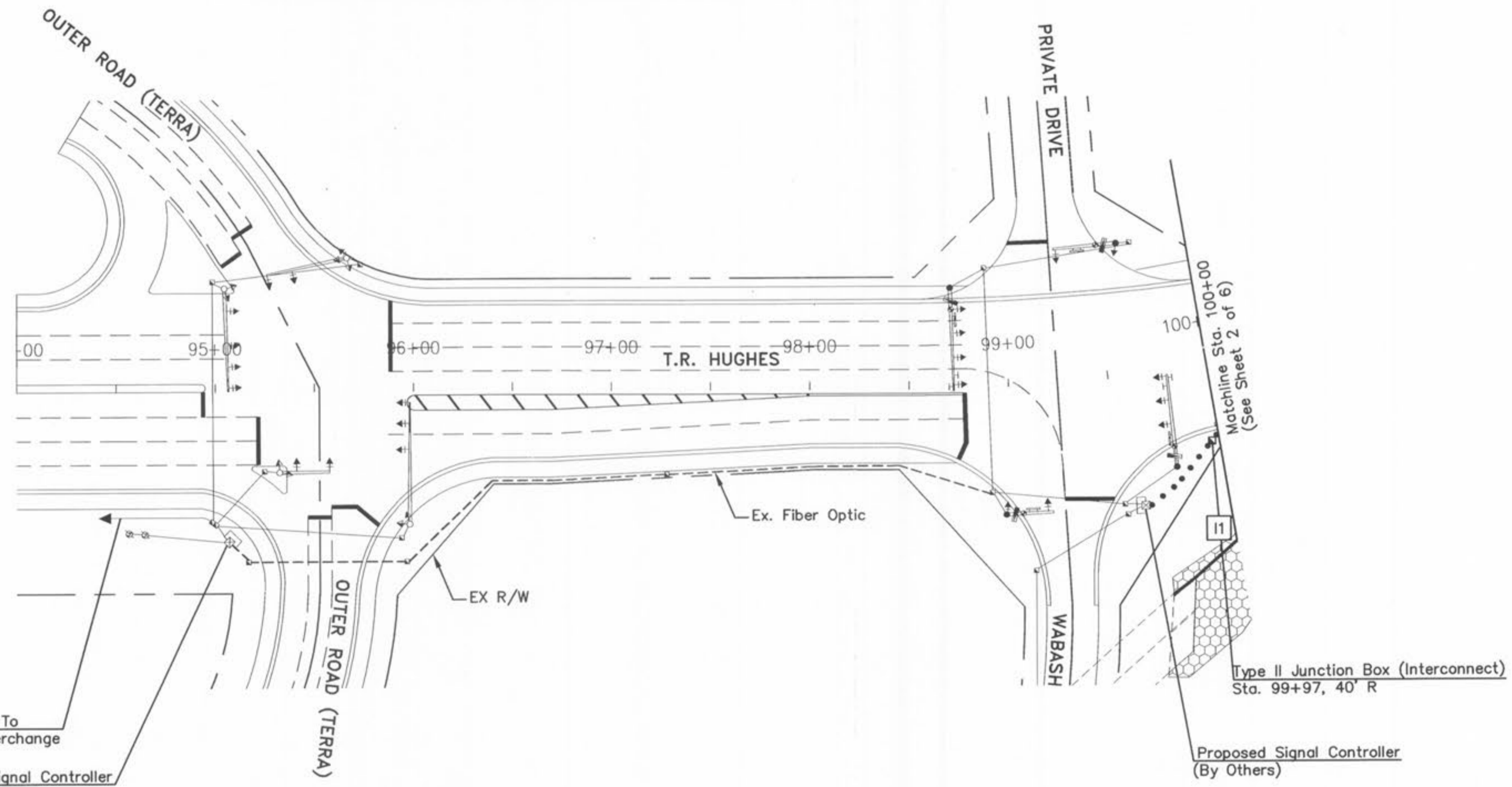
- All construction methods and materials shall conform to plan set and construction documents for this project, and/or Section 901 of the latest revision of the "Missouri Standard Plans for Highway Construction" and the "Missouri Standard Specifications for Highway Construction."
- Existing underground, overhead utilities, and drainage structures have been plotted from available information and therefore, their locations must be considered approximate only. It is the responsibility of the individual contractor(s) to exactly locate each utility, public and/or private before actual construction.
- See sheets 4-5 for Street Lighting details and quantities.
- Minor adjustments to proposed street light equipment may be made to avoid possible conflicts with utilities with approval of Engineer.

- 2" PVC Conduit with 3-1c#4 AWG power cable shall be furnished and installed by Contractor from proposed lighting control center to the base of the Secondary Service Point. Contractor shall provide additional power cable (minimum of 35 feet) and coil at the base of the Secondary Service Point. Contractor shall coordinate Secondary Service hook-up with Ameren UE.
- Contractor shall sod all project areas disturbed by excavation, grading, and other construction procedures required for this contract. This work shall be considered Subsidiary to other bid items.
- Contractor has the option of supplying unmetered lighting control center. Unmetered controller and Type II Power Supply underground service shall meet specifications outlined in Section 901 of the Missouri Standard Plans for Highway Construction, and the Missouri Standard Specifications for Highway Construction. There will be no direct pay for Type II Power Supply.
- All street light circuits shall be 240 Volts.
- All Luminaires shall be Type III Distribution, unless otherwise noted on plans.

### DESIGN PARAMETERS

LUMINAIRE:	250W High Pressure Sodium
INITIAL LAMP LUMENS:	28,000 Lms
MOUNTING HEIGHT:	40'
STREET CLASSIFICATION:	Local
AREA CLASSIFICATION:	Intermediate
AVERAGE ILLUMINANCE:	0.84 footcandles
AVE./MIN.:	4:1
RELAMPING INTERVAL:	24,000 Hours
APPROXIMATE SPACING:	390 ft

<b>GBA</b> GEORGE BUTLER ASSOCIATES, INC. Engineers - Architects Kansas - Missouri - Illinois		DATE: JUNE, 2004
STREET LIGHTING & INTERCONNECT <b>T.R. HUGHES BOULEVARD</b> O'FALLON, MISSOURI		DESIGN BY: DTS
		DRAWN BY: TMW
		PROJECT NO.: 9908
SHEET NO.	TOTAL SHEETS	
2	9	



### LEGEND

- 250W HPS Luminaire
- Junction Box
- Street Light Control Center
- Secondary Service Point
- 2" Trenched PVC Conduit
- Direct Bury Street Light Cable (3-1c#6 AWG, Type USE)
- 3" Pushed PVC Conduit
- 2" Bridge PVC Conduit (By Others)
- 2" PVC Conduit w/24 Mode Fiber Optic Cable (18 Single/6 Multi)

