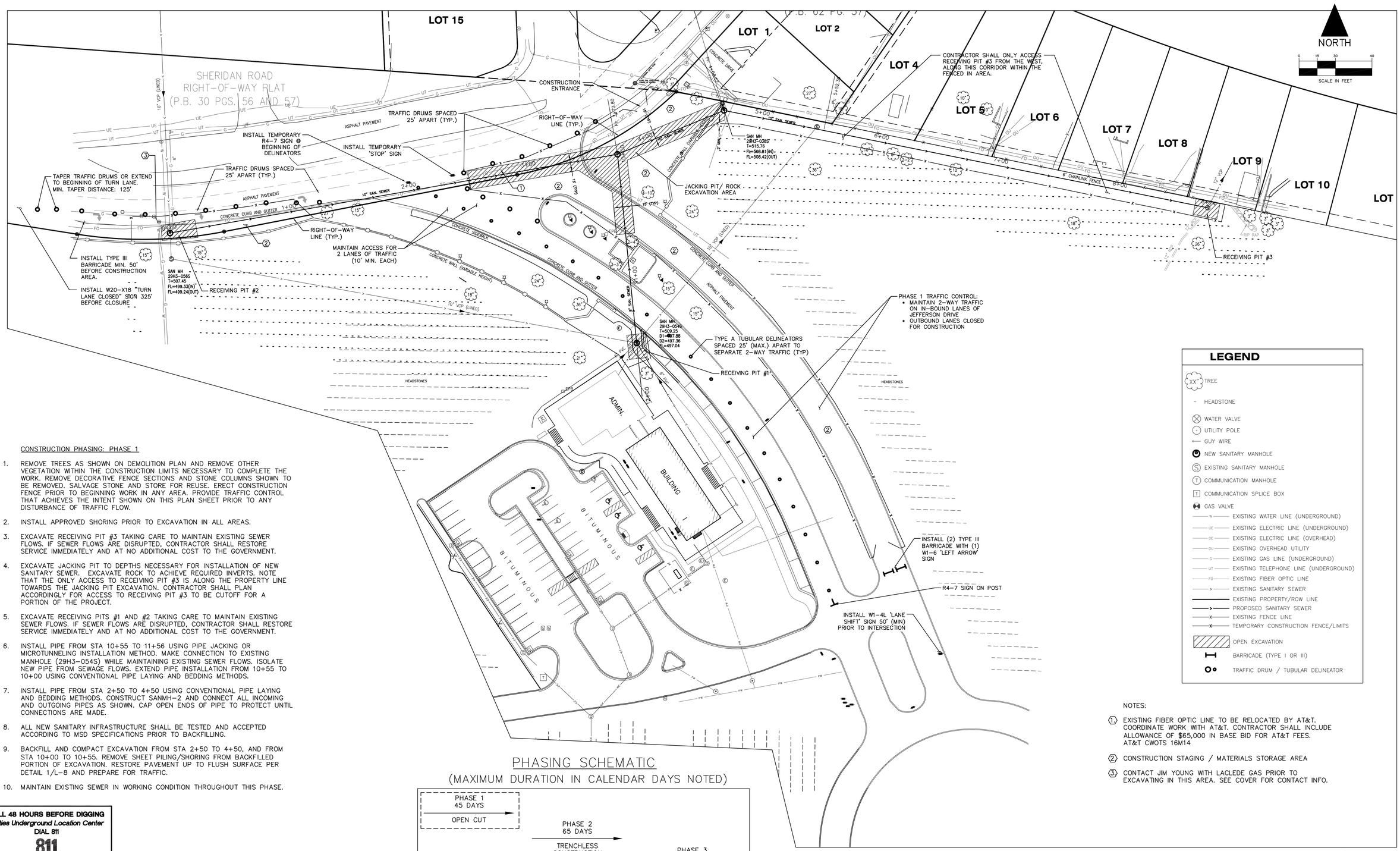
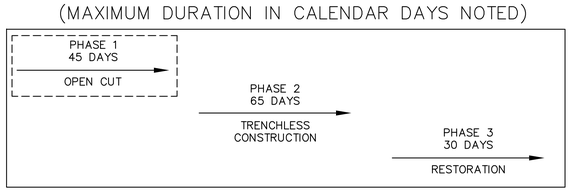


CONSTRUCTION PHASING: PHASE 1

1. REMOVE TREES AS SHOWN ON DEMOLITION PLAN AND REMOVE OTHER VEGETATION WITHIN THE CONSTRUCTION LIMITS NECESSARY TO COMPLETE THE WORK. REMOVE DECORATIVE FENCE SECTIONS AND STONE COLUMNS SHOWN TO BE REMOVED. SALVAGE STONE AND STORE FOR REUSE. ERECT CONSTRUCTION FENCE PRIOR TO BEGINNING WORK IN ANY AREA. PROVIDE TRAFFIC CONTROL THAT ACHIEVES THE INTENT SHOWN ON THIS PLAN SHEET PRIOR TO ANY DISTURBANCE OF TRAFFIC FLOW.
2. INSTALL APPROVED SHORING PRIOR TO EXCAVATION IN ALL AREAS.
3. EXCAVATE RECEIVING PIT #3 TAKING CARE TO MAINTAIN EXISTING SEWER FLOWS. IF SEWER FLOWS ARE DISRUPTED, CONTRACTOR SHALL RESTORE SERVICE IMMEDIATELY AND AT NO ADDITIONAL COST TO THE GOVERNMENT.
4. EXCAVATE JACKING PIT TO DEPTHS NECESSARY FOR INSTALLATION OF NEW SANITARY SEWER. EXCAVATE ROCK TO ACHIEVE REQUIRED INVERTS. NOTE THAT THE ONLY ACCESS TO RECEIVING PIT #3 IS ALONG THE PROPERTY LINE TOWARDS THE JACKING PIT EXCAVATION. CONTRACTOR SHALL PLAN ACCORDINGLY FOR ACCESS TO RECEIVING PIT #3 TO BE CUTOFF FOR A PORTION OF THE PROJECT.
5. EXCAVATE RECEIVING PITS #1 AND #2 TAKING CARE TO MAINTAIN EXISTING SEWER FLOWS. IF SEWER FLOWS ARE DISRUPTED, CONTRACTOR SHALL RESTORE SERVICE IMMEDIATELY AND AT NO ADDITIONAL COST TO THE GOVERNMENT.
6. INSTALL PIPE FROM STA 10+55 TO 11+56 USING PIPE JACKING OR MICROTUNNELING INSTALLATION METHOD. MAKE CONNECTION TO EXISTING MANHOLE (29H3-054S) WHILE MAINTAINING EXISTING SEWER FLOWS. ISOLATE NEW PIPE FROM SEWAGE FLOWS. EXTEND PIPE INSTALLATION FROM 10+55 TO 10+00 USING CONVENTIONAL PIPE LAYING AND BEDDING METHODS.
7. INSTALL PIPE FROM STA 2+50 TO 4+50 USING CONVENTIONAL PIPE LAYING AND BEDDING METHODS. CONSTRUCT SANMH-2 AND CONNECT ALL INCOMING AND OUTGOING PIPES AS SHOWN. CAP OPEN ENDS OF PIPE TO PROTECT UNTIL CONNECTIONS ARE MADE.
8. ALL NEW SANITARY INFRASTRUCTURE SHALL BE TESTED AND ACCEPTED ACCORDING TO MSD SPECIFICATIONS PRIOR TO BACKFILLING.
9. BACKFILL AND COMPACT EXCAVATION FROM STA 2+50 TO 4+50, AND FROM STA 10+00 TO 10+55. REMOVE SHEET PILING/SHORING FROM BACKFILLED PORTION OF EXCAVATION. RESTORE PAVEMENT UP TO FLUSH SURFACE PER DETAIL 1/L-8 AND PREPARE FOR TRAFFIC.
10. MAINTAIN EXISTING SEWER IN WORKING CONDITION THROUGHOUT THIS PHASE.

PHASING SCHEMATIC

(MAXIMUM DURATION IN CALENDAR DAYS NOTED)



NOTES:

1. EXISTING FIBER OPTIC LINE TO BE RELOCATED BY AT&T. COORDINATE WORK WITH AT&T. CONTRACTOR SHALL INCLUDE ALLOWANCE OF $65,000 IN BASE BID FOR AT&T FEES. AT&T CWOTS 16M14
2. CONSTRUCTION STAGING / MATERIALS STORAGE AREA
3. CONTACT JIM YOUNG WITH LACLEDE GAS PRIOR TO EXCAVATING IN THIS AREA. SEE COVER FOR CONTACT INFO.

CALL 48 HOURS BEFORE DIGGING
Utilities Underground Location Center
DIAL 811
811
Know what's below, Call before you dig.

P-0029720-00
BASE MAP 29H3

BID DOCUMENTS

Revisions:	Date

CONSULTANTS:

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MISSOURI.
PRINT NAME: GARY R. JOHNSON, P.E.
SIGNATURE:
DATE March 28, 2016 P.E. 2012005390

ARCHITECT/ENGINEERS:

ANDERSON ENGINEERING
ENGINEERING • ARCHITECTURE • LAND SURVEYING
ENVIRONMENTAL SERVICES • LANDSCAPE ARCHITECTURE

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www.ae-mn.com

Drawing Title	CONSTRUCTION PHASING PLAN - PHASE 1
Approved Project Director	
Project Title	SEWER RELOCATION
Location	ST. LOUIS, MO
Date	3-28-16
Checked	AMT
Drawn	PSH
Project Number	852CM3037
Drawing Reference Number	
Drawing Number	L-3
Dwg. 6 OF 17	

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231

Mar 28, 2016 - 3:48pm jwater
N:\13200\13247 VA BID 2011 - JEFFERSON BARRACKS SEWER RELOCATION\Deliverables\Bid Docs - 4-28-16\AutoCad Drawings\Section 1\13247 L2-15 CONSTRUCTION PHASING PLAN.dwg
Xref Name: \ 13247_BASE_TITLE \ \ 13247_BASE_CIVIL \ \ 13247_BASE_ADMIN BASE \ \ 13247_BASE_ADMIN BASE \ \ 13247_BASE_ADMIN BASE