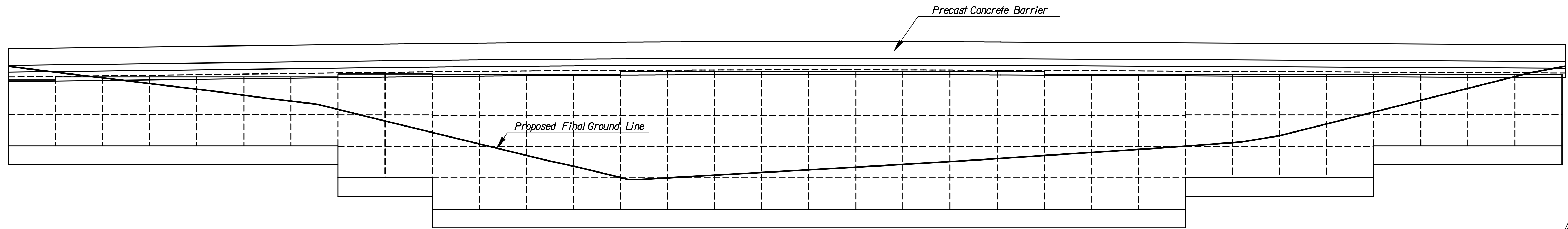
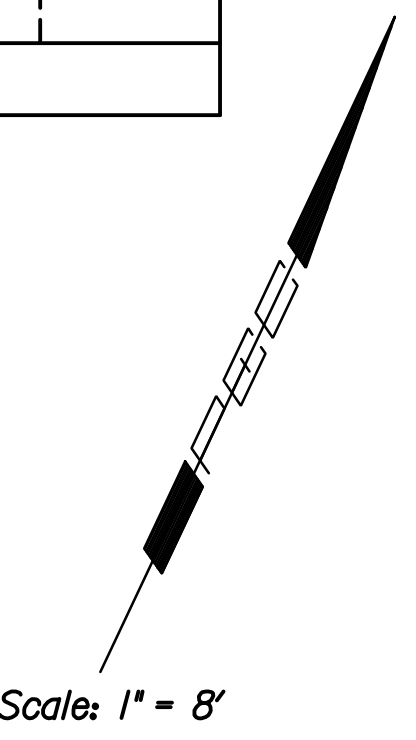


PLAN
Plan shown to clarify limits of Temporary Shoring
For more details see sheets A-1 thru A-4



ELEVATION
Elevation shown as information only
For more details see sheets A-1 thru A-4



GENERAL NOTES

UNIT STRESSES:
All Unit Stresses are listed on sheets A-1 to A-4.

JOINTS: Expansion and Construction Joints shall only be formed at locations shown or as approved by the Engineer

EXCAVATION: All excavation and backfill shall extend 2 feet beyond the limits of the retaining wall and footings.

CONFLICT: If the plan notes conflict with the General Notes from this sheet, then these General Notes will govern.

CONSTRUCTION STAKING: All staking required to construct the Retaining Wall shall be done by the Contractor and be included into the Retaining Wall Lump Sum Bid Item.

BACKFILL: All backfill shall be compacted to 95% Density.

PAYMENT: The T-Wall Retaining Wall System is to be Considered Alternate #2 and shall be bid as Lump Sum and shall include all labor, material, excavation, concrete, reinforcing steel, temporary sheet pile driving, staking, and any other incidentals necessary to complete the work for the T-Wall Retaining Wall System including the Precast Concrete Barrier, Leveling Pad, Transition Barrier, and Site Grading. Quantities are shown for information only. A complete set of Construction plans must be prepared and sealed by a licensed Professional Engineer in the State of Kansas. These plans must be submitted to the Engineer, and approved prior to casting any sections.

RAILROAD PROTECTION: All excavation and grading MUST be within the ROW limits. Temporary shoring must be provided by the contractor, if necessary, to ensure that there is not any encroachment onto the Railroad ROW.

TEMPORARY SHORING: Temporary shoring plans must be prepared and sealed by a licensed Professional Engineer in the State of Kansas. The plans must be submitted to the Engineer for approval before any work may be accomplished.

OVEREXCAVATION: Geotechnical exploration has determined that in order for this location to support this T-Wall Design, soil must be removed and replaced with a gravel/rock base until competent soil is found, an estimated depth of 5-6 feet below the bottom of the wall. Before placing the gravel/rock base, the Contractor must proof roll the entire wall subgrade and any soft or unsuitable materials shall be removed and replaced with gravel/rock. The gravel/rock must meet the requirements for Granular Base (ASTM 67). The Contractor shall provide testing results depicting the adherence to the specifications. All excavation and Over-excavation shall be included in the Lump Sum Bid Item Retaining Wall. Quantities are estimated with an assumed 6 feet of overexcavation and shown for information only.

| * BILL OF MATERIALS | | |
|--------------------------|----------|------|
| Item | Quantity | Unit |
| Construction Staking | 1 | L.S. |
| T-Wall Panels | 4275 | S.F. |
| Precast Concrete Barrier | 250 | L.F. |
| Moment Slab | 250 | L.F. |
| Temporary Shoring | 250 | L.F. |
| Excavation | 2,600 | C.Y. |
| Backfill | 1,600 | C.Y. |
| Over-Excavation | 1,300 | C.Y. |
| Granular Base | 1,300 | C.Y. |

* For Information Only

Plotted By: \$\$\$USERNAME\$\$\$ Plotted: \$\$\$SYTIME\$\$\$
File: \$\$\$GNSPEC\$\$\$

| | | | |
|---|----------|---------|----------------|
| No. | Revision | By | Date |
| HEARTLAND PREPAREDNESS CENTER PAVING AND DRAINAGE IMPROVEMENTS GENERAL NOTES AND LAYOUT T-WALL (ALTERNATE #2) JAMES L. ARMOUR, P.E. - CITY ENGINEER CITY OF WICHITA PROJ. No. 472-84898 | | | |
| Professional Engineering Consultants, P.A. 303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003 | | | |
| Designed by | RJM | Job No. | 35-09307 |
| Drawn by | RJM | Date | December 2009 |
| | | | Sheet 24 of 59 |