

| FHWA<br>REGION<br>NO. | STATE  | PROJECT<br>NUMBER | FISCAL<br>YEAR | SHEET<br>NUMBER | TOTAL<br>SHEETS |
|-----------------------|--------|-------------------|----------------|-----------------|-----------------|
| 7                     | KANSAS | 87N-0078-01       | 1997           | 2               | 33              |

Underground utility service lines and overhead utility pole lines are to be adjusted by utility companies if necessary prior to construction unless the plans specifically call for their adjustment by the Contractor. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.

Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations that, in the opinion of the Engineer, will leave an unsightly appearance will not be approved. All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain would require a Kansas State Board of Agricultural permit. Any material dumped in waters of the United States or wetlands is subject to U.S Corps of Engineers permitting regulations. Any material buried or stockpiled beyond approved construction limits would require additional archaeological investigations unless buried in a previously approved borrow location.

The Contractor shall be responsible for preserving property irons. The Contractor will be required to re-establish any shown property irons which are disturbed by his construction operations. Such irons shall be re-established by a licensed Land Surveyor in accordance with state laws.

Contractor is required to provide a minimum notice of twenty-four (24) hours to utility companies prior to starting any excavation as follows:

Kansas One-Call 687-2470

|                                     |                      |
|-------------------------------------|----------------------|
| K.P. & L. Gas Service Company       | 263-7511             |
| Kansas Gas & Electric               | 264-1141             |
| Arkla Gas Company                   | 942-8350 or 263-8161 |
| Southwestern Bell Telephone Company | 1-571-2611           |
| Cablevision                         | 262-4270 or 263-2061 |
| City of Wichita Water Department    | 268-4908             |
| City of Wichita Sewer Maintenance   | 268-4071             |
| Jayhawk Pipeline Company            | 265-1700             |
| KANEB Pipeline Company              | 262-1408             |

Trees and shrubs to be removed are marked X. Trees or shrubs marked for removal, which in the opinion of the Engineer can be saved, shall be spared. Tree and shrub disposal areas and disposal methods shall be approved by the Engineer.

Provide a full depth saw cut at locations where proposed construction abuts an existing surface course or pavement for which partial removal of that surface or pavement is required. Sawed joints to facilitate removal within three (3) feet of the existing joint will not be permitted and for such instances the limits of removal shall extend to the existing joint. Such saw cuts will not be paid for directly and this cost shall be considered as subsidiary to the removal of the surface or pavement.

The City of Wichita's Sewer Maintenance Division of the Department of Water and Water Pollution Control has televised sewers within the limits of the project and have found no defects requiring repair. The Division shall be notified and afforded an opportunity to reteleviser sewer lines after subgrade work has been completed and prior to pavement construction to determine if such sewer lines have been damaged by Contractor's construction operations. Damaged sewer lines will be repaired by the Contractor, as directed by the engineer, at the Contractor's expense. Television logs are available for inspection by the Contractor during normal office hours at the Sewer Maintenance Division's Office at City Hall.

All salvageable drainage pipes, manhole rings and covers, and inlet grates shall be carefully removed and stockpiled at locations within the right-of-way as directed by the Engineer for removal by City personnel.

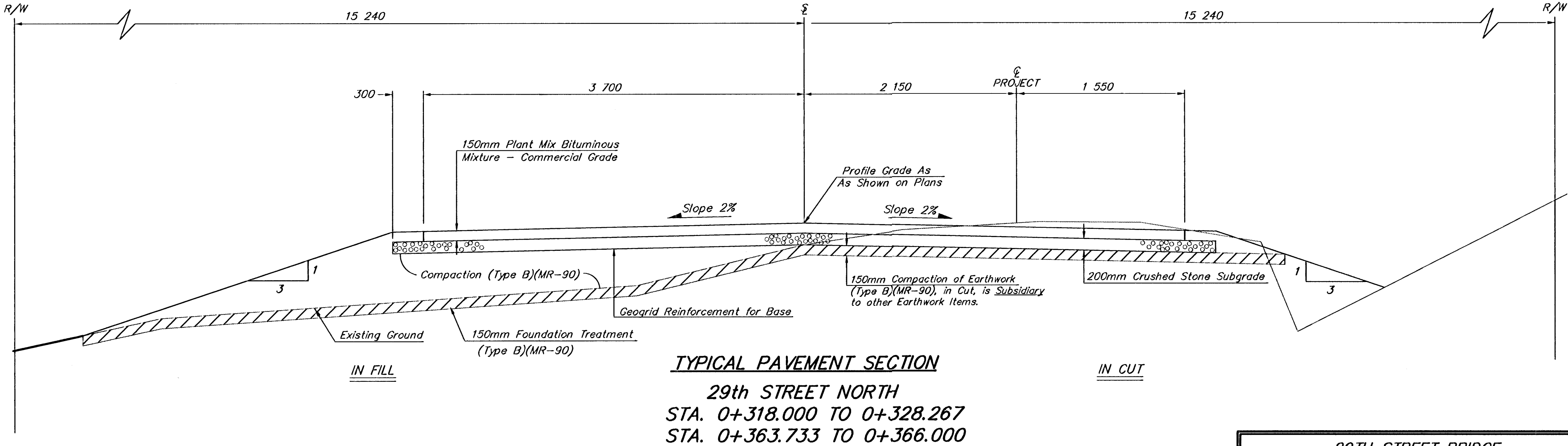
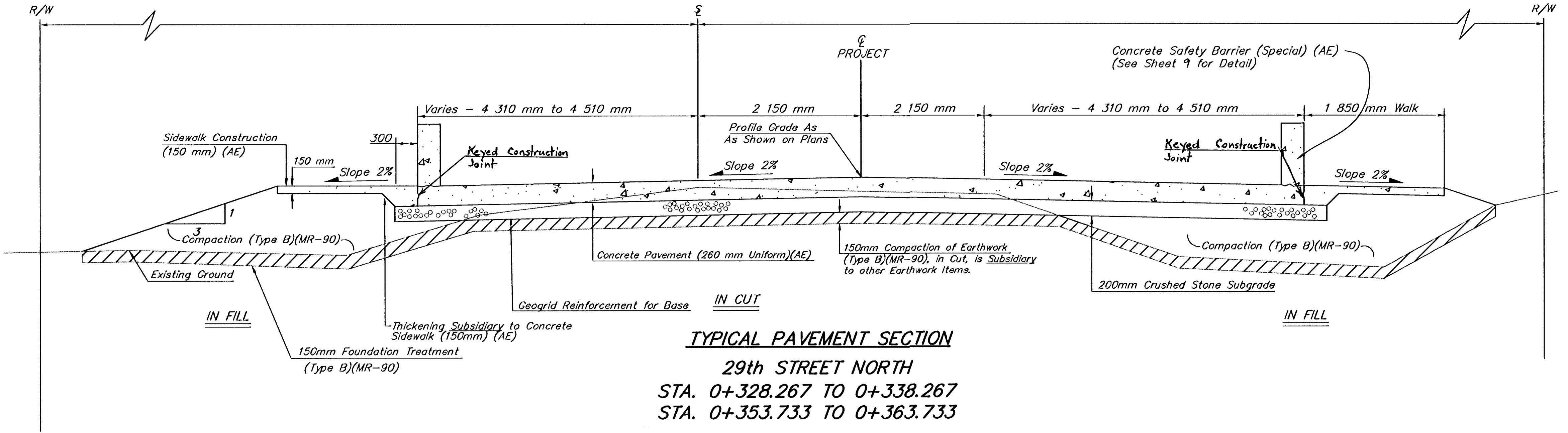
All improved channels and ditches shall have 3:1 side slopes unless otherwise indicated on the plans.

Remove the existing single cell 5.5m x 2.7m timber beam and piling bridge in accordance with the standard specifications. The City of Wichita has installed a new bridge deck consisting of steel beams placed on the timber bridge abutments. These steel beams are the property of the City of Wichita, and shall be carefully removed and stockpiled at locations within the right-of-way as directed by the Engineer for removal by City personnel.

Borrow areas provided by the contractor shall be approved by the Engineer as to suitability of material and location. Special care shall be taken in this approval to minimize the increase of siltation and turbidity of streams, lakes and reservoirs and to avoid interference with the movement of migratory fish. Areas which, in the opinion of the engineer, may leave an unsightly appearance to the project will not be approved.

All borrow area locations shall be submitted to the Bureau of Local Projects for clearance from the Kansas Historical Society and the Kansas Department of Wildlife and Parks prior to any excavation.

It shall be the responsibility of the contractor to restore, seed and or complete other operations noted in the agreement with the land owner, approved by the engineer, on all disturbed areas used to provide borrow areas for Common Excavation (Contractor Furnished).



|                                                         |               |                                         |                       |                              |                |
|---------------------------------------------------------|---------------|-----------------------------------------|-----------------------|------------------------------|----------------|
| 29TH STREET BRIDGE<br>GENERAL NOTES / TYPICAL SECTION   |               |                                         |                       |                              |                |
| SRB                                                     |               | 924 NORTH MAIN<br>WICHITA, KANSAS 67203 |                       | 316-264-3008<br>FAX 264-4621 |                |
| SAVOY, RUGGLES & BOHM, P. A.<br>ENGINEERING & SURVEYING |               |                                         |                       |                              |                |
| PROJECT NUMBER<br>87N-0078-01                           |               |                                         |                       |                              |                |
| OWNER<br>CMB                                            | DESIGN<br>KWL | REVIEW                                  | DATE<br>Jan. 16, 1997 | UTILITY<br>.                 | SUB JOB<br>95E |
|                                                         |               |                                         |                       |                              | 33             |