

GENERAL NOTES:

1. ANY 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/OR DISPOSAL METHODS SHALL BE APPROVED BY THE ENGINEER.
2. UTILITY SERVICE LINES, POLES, VALVE BOXES, METERS, ETC. ARE TO BE ADJUSTED AS NECESSARY BY OTHERS PRIOR TO CONSTRUCTION UNLESS THE PLANS SPECIFICALLY CALL FOR THEIR ADJUSTMENT BY THE CONTRACTOR. EXISTING UTILITIES AND THEIR LOCATIONS, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.
3. ALL MANHOLE RINGS AND COVERS, INLET GRATES AND FRAMES, AND STORM DRAINAGE CULVERTS SHALL BE CAREFULLY REMOVED AND STOCKPILED AT LOCATIONS WITHIN THE RIGHT-OF-WAY, AS DIRECTED BY THE ENGINEER, FOR REMOVAL BY CITY PERSONEL.
4. A SAW CUT OF FULL DEPTH OF THE EXISTING SURFACE SHALL BE PROVIDED AT LOCATIONS WHERE PROPOSED CONSTRUCTION ABUTS AN EXISTING CONCRETE OR BITUMINOUS SURFACE FOR WHICH PARTIAL REMOVAL OF THAT SURFACE IS REQUIRED. SAW CUTS SHALL NOT BE PAID FOR DIRECTLY, BUT SHALL BE CONSIDERED SUBSIDIARY TO THE VARIOUS SURFACING ITEMS INVOLVED.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS WHICH ARE SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH HAVE BEEN SHOWN AND WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS. NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE FOR THIS WORK AS IT SHALL BE CONSIDERED SUBSIDIARY TO OTHER ITEMS IN THE CONTRACT. WHERE PROPERTY IRONS WERE LOCATED AS PART OF THE DESIGN SURVEY, THEY HAVE BEEN SHOWN AND NOTED ON THE PLANS.

6. 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 CITY OF WICHITA FOR CLEARANCE FROM THE KANSAS HISTORICAL SOCIETY AND THE KANSAS DEPT. OF WILDLIFE & PARKS PRIOR TO ANY EXCAVATION.

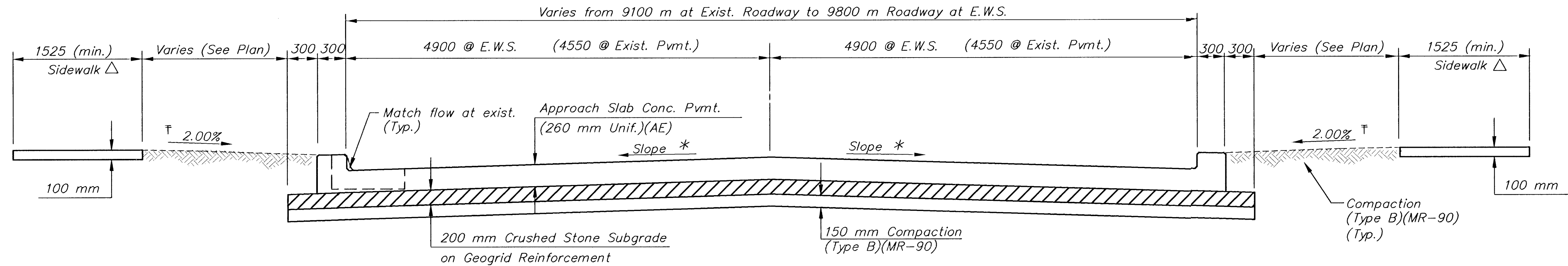
7. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RESTORE, SEED AND/OR COMPLETE OTHER OPERATIONS NOTED IN THE AGREEMENT WITH THE LAND OWNER, APPROVED BY THE ENGINEER, ON ALL DISTURBED AREAS USED TO PROVIDE BORROW AREAS FOR COMMON EXCAVATION (CONTRACTOR FURNISHED).

8. RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES INCLUDING ANY TREES REMOVED AND TREE TRIMMINGS 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 AGRICULTURE PERMIT. ANY MATERIAL DUMPED IN WATERS OF THE UNITED STATES OR WETLANDS IS SUBJECT TO U.S. ARMY, 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.

9. ALL SIGNS—STREET NAME, STOP SIGN, SPEED LIMIT SIGN, ETC. SHALL BE REMOVED AND RESET BY THE CONTRACTOR. THE CONTRACTOR SHALL CALL THE CITY AT LEAST 24 HOURS IN ADVANCE.



TYPICAL SECTION

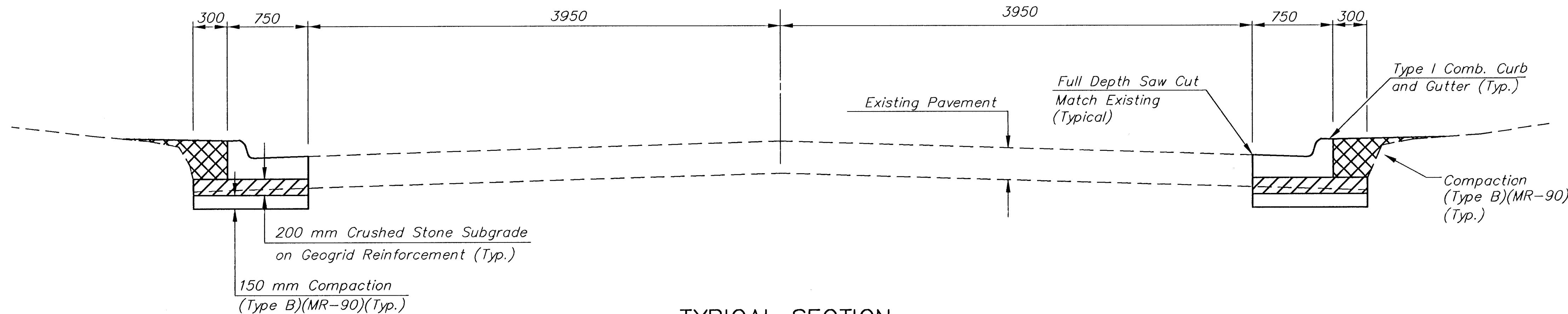
(See Approach Slab for details)

Sta. 9+965.775 to Sta. 9+977.115 and
Sta. 10+022.885 to Sta. 10+034.224

† See Cross Sections for variations

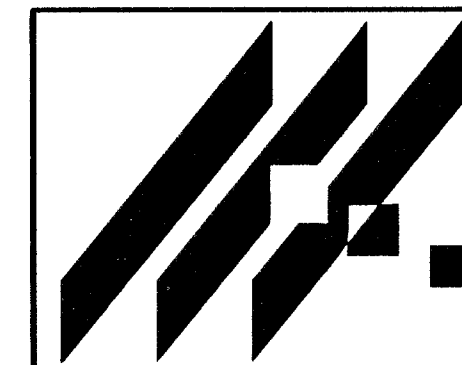
* Cross slope varies from matching existing to 1.6% at E.W.S.

△ Sidewalk width will vary from matching existing to 1800 mm at Bridge. The minimum width shall not be less than 1525 mm.



TYPICAL SECTION

Sta. 9+960.68 to Sta. 9+965.78 and
Sta. 10+034.22 to Sta. 10+042.22



MID-KANSAS ENGINEERING
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MURDOCK AVENUE BRIDGE
PROJECT NAME

TYPICAL SECTION
SHEET TITLE

KJS DESIGN BY.	DPG DRAWN BY.	PAF CHECKED BY.
FEB. 1999 DATE	97042 JOB NO.	2 / 39 SHEET/OF