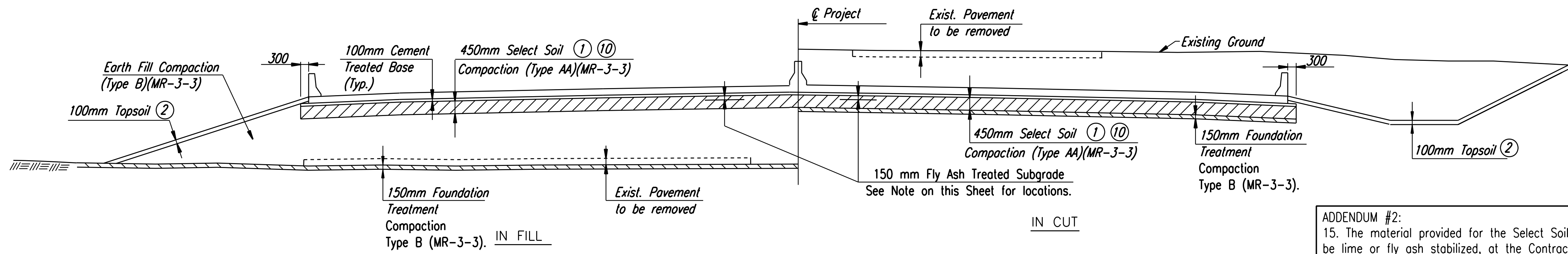


FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	54-87 K-6657-01	2002	12	1122

DATE	
BY	
REFERENCES NOTED	
REFERENCES CHECKED	



**FOUNDATION TREATMENT & COMPACTION OF EARTHWORK**  
(Mainline US-54 & Ramps without Retaining Wall)

ADDENDUM #2:  
15. The material provided for the Select Soil in the top 450 mm may be lime or fly ash stabilized, at the Contractor option, in order to meet the specified requirements. This work shall be performed off-site in accordance with KDOT specifications. Lime and/or fly ash stabilization will not be measured or paid for separately, should the Contractor decide to use this method, but shall be Subsidiary to the contract unit price bid for "Embankment (Contractor Furnished)".

① Select Soil. The top 450 mm of subgrade sections shall be constructed with soils furnished by the contractor which have a swell potential of less than two percent. The soils shall also have a plasticity index of not less than 5 nor greater than 15 and a liquid limit less than 35, as determined by the Atterberg Limits Test Method (ASTM D4318). The contractor shall submit soil samples to the Engineer a minimum of 4 weeks prior to delivery to the site to allow laboratory testing and approval. Select Soil will be paid for at the contract bid price per cu. meter for "Embankment (Contractor Furnished)". See Summary of Earthwork Quantities for additional information.

② The top 100 mm of areas to be seeded shall be topsoiled. Topsoil shall be free of rocks, rubble, trash and other foreign or toxic material and shall support vegetation. Overexcavation and backfill of top soil thru cuts is not included in earthwork quantities and shall be subsidiary to other earthwork bid items. Quantities for topsoil in fill are included in the earthwork quantities. No separate payment will be made for placement of topsoil.

③ Granular Fill Material for the Cast-in-place alternate shall be clean sand or gravel meeting the gradation requirements of Type UD-1 per Section 1108 of the Standard Specifications. The material shall have a minimum internal friction angle of 30 degrees. Compact to (Type AA) (MR-3-3).

④ See Special Provisions and M.S.E. Retaining Wall General Notes Sheet No. 375 for material requirements.

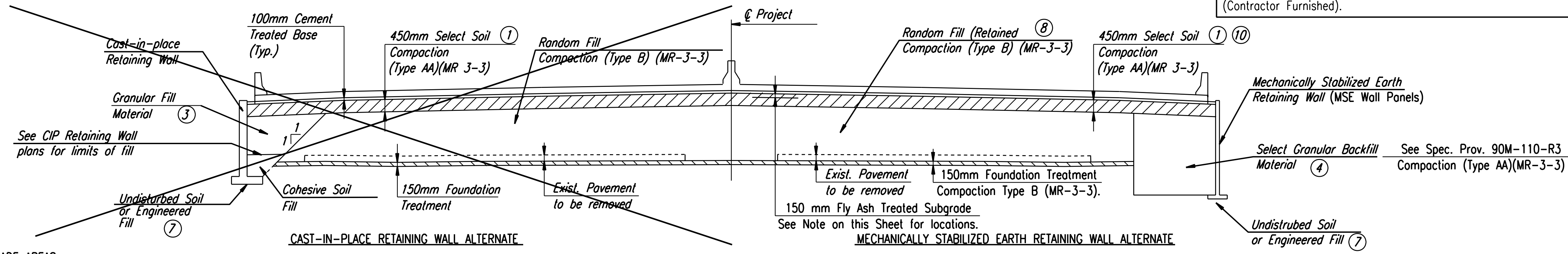
⑤ Material required to backfill curb & gutter is not included in earth work quantities and shall be subsidiary to other earthwork bid items.

⑥ 150mm of compaction through cuts shall be considered as Foundation Treatment (Subsidiary).

⑦ Engineered fill shall be a clay or sandy clay soil compacted to Type AA (MR-3-3). See Retaining Wall plans and specifications for additional information.

⑧ Random Fill for M.S.E. Retaining Wall. All soils proposed for use behind the M.S.E. structure as random fill must be approved prior to incorporation in the construction. The soils shall be submitted to the Engineer a minimum of 4 weeks prior to use to allow strength and classification testing to be performed. See M.S.E. Retaining Wall General Notes Sheet No. 375 for material requirements.

⑨ Loose fill containing concrete rubble was encountered in some of the field exploratory borings on the North side of Kellogg just to the East and West of the Cowskin Creek. This material shall be removed and replaced compacted in accordance with the plans and specifications. Rubble may be placed in the embankment where it will not conflict with proposed footings, foundations, piling, storm sewers or other underground items. Final limits of removal shall be determined by the Engineer. Removal of the material will be paid for as "Unclassified Excavation". Embankment will be paid for at the bid price for the various types of compaction shown on the plans. Unsuitable material shall be wasted on sites provided by the Contractor. Actual excavation limits will be measured by the Engineer for final pay quantities. Excavation limits are estimated to be between Sta. 15+860 to Sta. 16+429. Material required to make up for shrinkage due to compaction and wasting of unsuitable material will not be measured or paid for separately but shall be subsidiary to the bid item "Embankment (Contractor Furnished)".



**FOUNDATION TREATMENT & COMPACTION OF EARTHWORK**  
(Mainline US-54 & Ramps with Retaining Wall)

ADDENDUM #2:  
15. On-Site Common Excavation may be placed in lower 4 m of the random fill embankment area for the MSE retaining wall alternate. The MSE wall supplier shall take into consideration the use of this material, if done, in the wall system design.

⑩ FLY ASH TREATED SUBGRADE AREAS- TOP 150 mm OF SELECT SOIL:

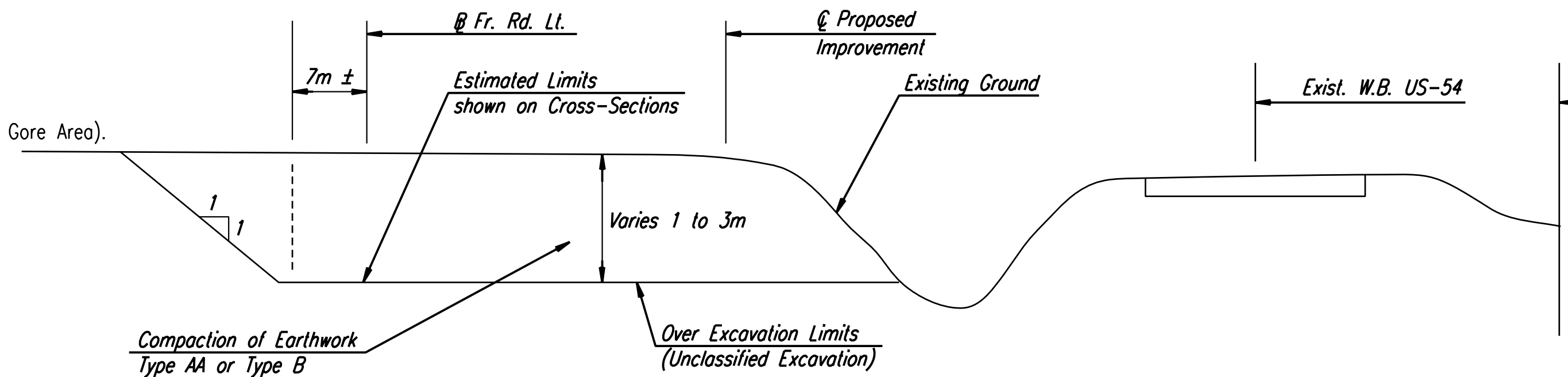
**West Bound Mainline**

- Sta. 14+900 to Sta. 15+223: C to Outside CSB
- Sta. 15+223 to Sta. 15+252: C thru Ramp at Gore Area
- Sta. 15+252 to Sta. 15+558 (Maize Br. #489): C to Outside CSB
- Sta. 15+666 (Maize Br. #489) to Sta. 15+958 (Cowskin Br. #494): C to Outside CSB
- Sta. 16+065 (Cowskin Br. #494) to Sta. 16+213: C to Outside CSB
- Sta. 16+213 to Sta. 16+280: C thru Ramp #4 Gore Area
- Sta. 16+280 to Sta. 16+355: Lane #3 and Ramp #4 Gore Area
- Sta. 16+355 to Sta. 16+523: Lanes #3 and #4 and Outside Shld.
- Sta. 16+600 to Sta. 16+825: Lanes #3 and #4 and Outside Shld.
- Sta. 16+825 to Sta. 16+931: C to Outside CSB (includes Ramp #6 Lane and Gore Area).
- Sta. 16+931 to Sta. 17+267 (Tyler Br. #496): C to Outside CSB
- Sta. 17+398 (Tyler Br. #496) to Sta. 17+757: C to Outside CSB
- Sta. 17+757 to Sta. 17+780: C to Ramp #8 Gore Area
- Sta. 17+780 to Sta. 17+850: C thru Lane #1, #2 and #3
- Sta. 17+850 to Sta. 18+200: C thru Lane #1 and #2

See P.E.C. Field Order Request #45, Wildcat Construction-Proposed Change Order Request #033-R and Change Order #2.

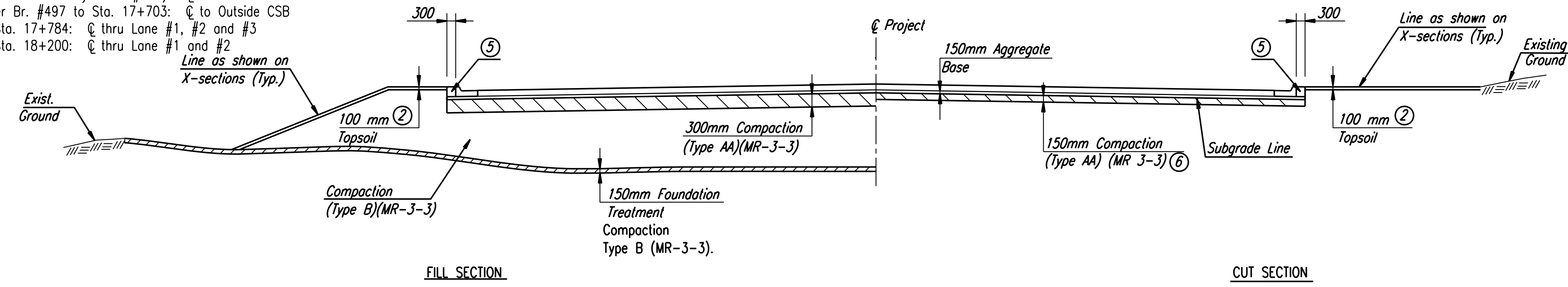
**East Bound Mainline**

- Sta. 14+900 to Sta. 15+020: C to Outside CSB
- Sta. 15+020 to Sta. 15+135: C to Gore #1 Area
- Sta. 15+135 to Sta. 15+558 (Maize Br. #491): C to Outside CSB
- Sta. 15+666 (Maize Br. #491) to Sta. 15+958 (Cowskin Br. #493): C to Outside CSB
- Sta. 16+065 (Cowskin Br. #493) to Sta. 16+799: C to Outside CSB
- Sta. 16+799 to Sta. 16+825: Ramp #5 Lane and Outside Shld.
- Sta. 16+825 to Sta. 17+267 Tyler Br. #497): C to Outside CSB
- Sta. 17+398 (Tyler Br. #497) to Sta. 17+703: C to Outside CSB
- Sta. 17+703 to Sta. 17+784: C thru Lane #1, #2 and #3
- Sta. 17+784 to Sta. 18+200: C thru Lane #1 and #2



**OVER EXCAVATION OF CONCRETE RUBBLE** ⑨  
Kellogg Sta. 15+860 to Sta. 16+429

Note: Unless otherwise noted on the plans, all embankment, including sideroads and entrances, shall be compacted to (Type B) (MR-3-3).



**FOUNDATION TREATMENT & COMPACTION OF EARTHWORK**  
Frontage Roads & Sideroads

DSNR: WDH OPER: JGP SCALE: 1:100 i:/1997/7362/As-Builts/dgn's/Sh\_012-compaction.dgn Last Rev: 7-31-07 By: gdr

No.	Revisions	By	Date
CITY OF WICHITA			
FOUNDATION TREATMENT & COMPACTION OF EARTHWORK			
SEDGWICK COUNTY			
Professional Engineering Consultants, P.A. 303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003			
Designed by	WDH	Checked by	WDH
Drawn by	JGP	Date	April, 2002
		Job No.	97362

**RECORD DRAWING**