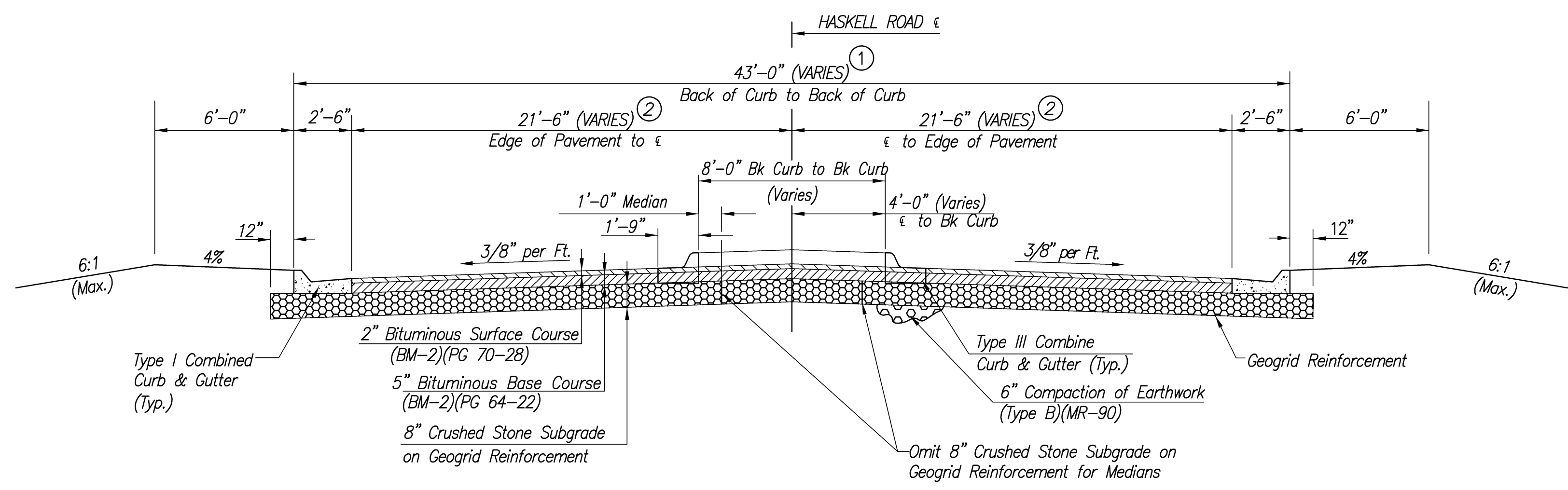


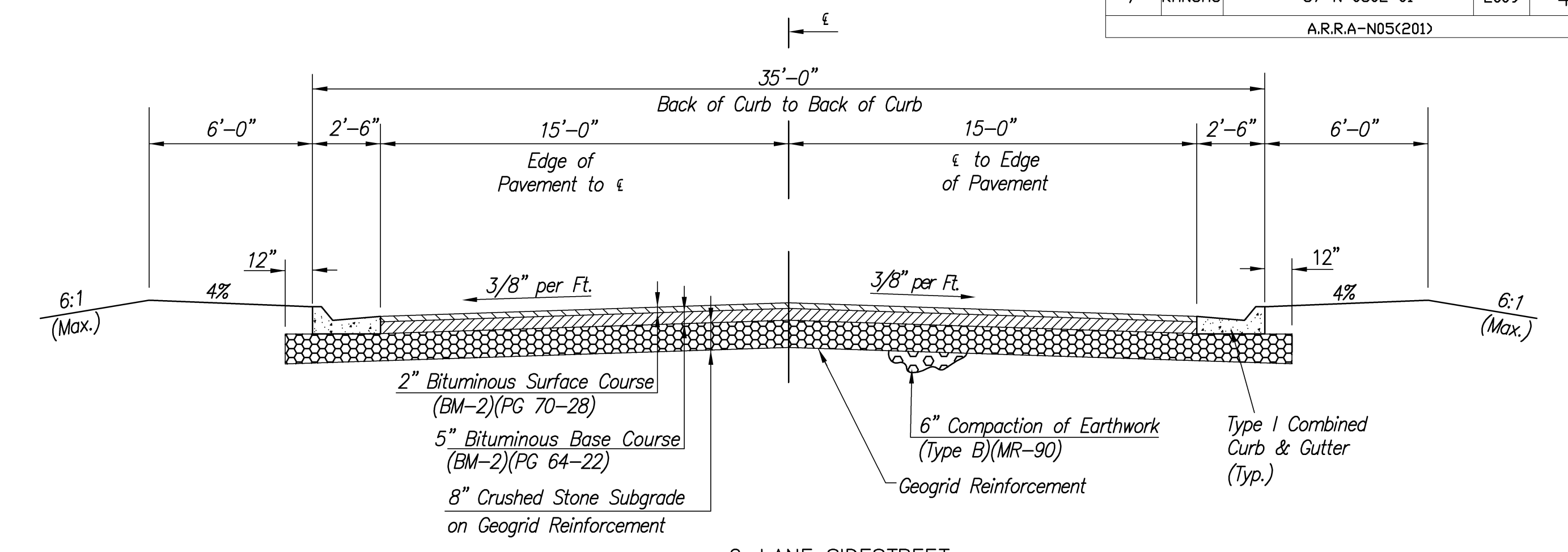
FHWA REG. NO.	STATE	PROJECT NO.	YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87 N-0502-01	2009	4	226
A.R.R.A-N05(201)					



2-LANE SIDEWALK

HASKELL - Sta. 18+24.19 Lt.
HASKELL - Sta. 18+24.18 Rt.

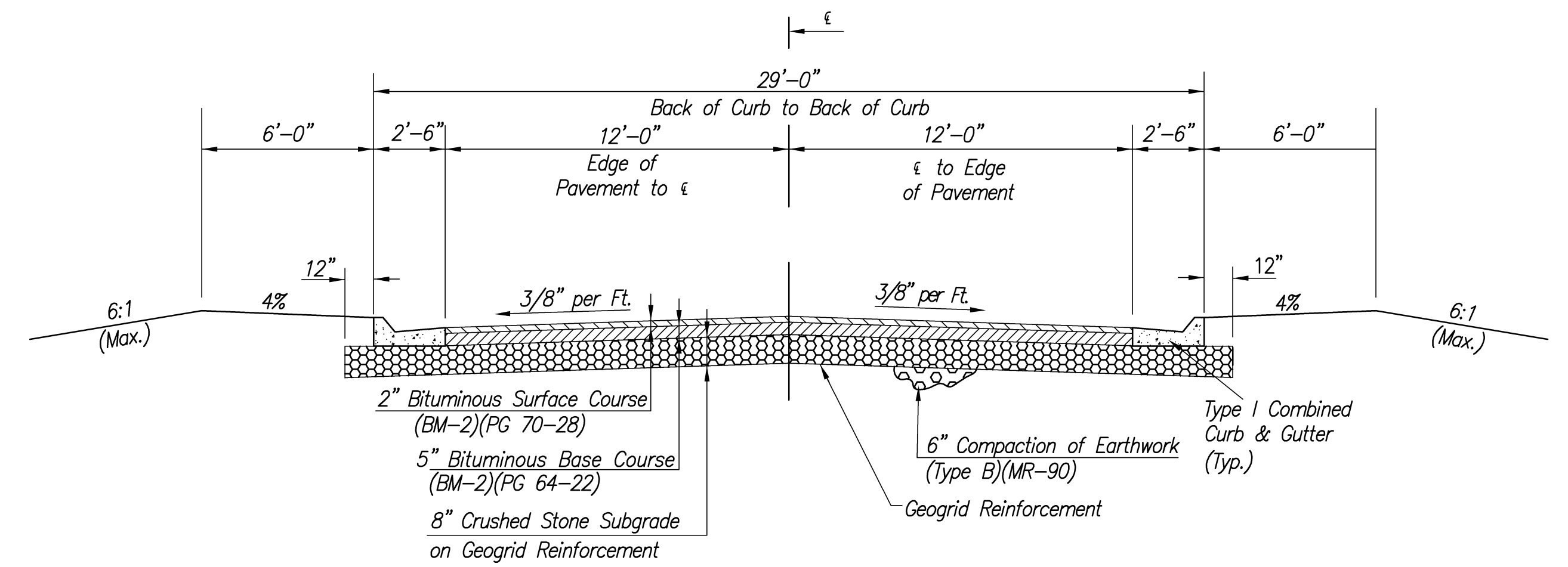
- ① Varies from 43'-0" Bk-Bk @ 60.25' Lt. to 39'-0" @ 110.90' Lt. 43'-0" Bk-Bk @ 30.37' Rt. to 38'-0" @ 110.73' Rt.
- ② Varies from 21'-6" @ 60.25' Lt. to 19'-6" @ 110.90' Lt. 21'-6" @ 30.37' Rt. to 19'-0" @ 110.73' Rt.



2-LANE SIDEWALK

DENENE - Sta. 6+18.23
LOTUS - Sta. 25+50.18 Rt.
RITA - Sta. 30+75.25 Lt.
RITA - Sta. 30+74.70 Rt.
MAY - Sta. 37+67.64 Rt.
CARR AVE. - Sta. 48+87.90 Rt.
MERTON - Sta. 52+01.90 Rt.

NOTE:
The 6" Type-B MR-90 Compaction in cuts shall be considered similar to Foundation Treatment and paid for as Subsidiary to other items of work.



2-LANE SIDEWALK

STAFFORD - Sta. 15+18.05 Lt.
STAFFORD CIR - Sta. 15+18.05 Rt.
MAY - Sta. 37+67.64 Rt.
DORA - Sta. 40+53.64 Lt.
ESTHNER CIR - Sta. 43+67.54 Lt.

GENERAL NOTES

FABRIC BASE REINFORCEMENT SHALL BE 8 x 1100 GEOGRID AS MANUFACTURED BY TENSAR CORPORATION OR APPROVED EQUAL. FABRIC BASE REINFORCEMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS. CRUSHED ROCK SHALL BE UNIFORMLY GRADED FROM 1 1/2" MAXIMUM SIZE TO NOT MORE THAN 10% PASSING A NO. 200 SIEVE. ROCK QUALITY SHALL BE THE SAME AS SPECIFIED FOR COARSE AGGREGATE FOR CONCRETE MIXES.

ROCK BASE IS TO BE COMPACTED AND SMOOTHED WITH A STEEL FACED ROLLER PRIOR TO PLACEMENT OF ASPHALT. TACK COAT WILL NOT BE APPLIED TO ROCK BASE.

A TACK COAT OF EMULSIFIED ASPHALT (SC-1H OR CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC MATERIAL.

BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.

TRANSVERSE CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF ONE (1) FOOT FROM JOINTS IN PRECEDING LIFTS AND PLACED SO THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE OF THE TOP LIFT.

PUBLIC AND PRIVATE UTILITY FACILITIES SHALL BE MOVED OR ADJUSTED AS NECESSARY BY THE OWNERS TO FIT THE NEW CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLANS OR IN THE PROPOSAL.

ALL SAW CUTS SHOWN ON THE PLANS SHALL NOT BE PAID FOR DIRECTLY, BUT SHALL BE CONSIDERED SUBSIDIARY TO OTHER ITEMS OF THE CONTRACT. THE DEPTH OF THE CUT SHALL BE FULL DEPTH.

EXCAVATION SHOWN TO BE WASTED SHALL BE WASTED ON SITES 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.

CONCRETE COLLARS SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE SUBSIDIARY TO THE PROJECT.

FILL, FLUSH AND VIBRATE APPROVED SAND ALONG RCB/RCP AND UP TO 6" ABOVE RCB/RCP. ALL MATERIALS, LABOR, TOOLS, EQUIPMENT AND INCIDENTALS NECESSARY TO COMPLETE THE WORK SHALL BE SUBSIDIARY TO THE BID ITEM "SAND FILL, FLUSH & VIBRATE".

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. CORPS OF ENGINEERS PERMITTING REGULATIONS.

ANY MATERIAL BURIED OR STOCKPILED BEYOND APPROVED CONSTRUCTION LIMITS WOULD REQUIRE ADDITIONAL ARCHEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED BORROW LOCATION.

EXISTING PAVEMENT (CONCRETE AND ASPHALT) EXCAVATED AS PART OF THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND BE DISPOSED OF ON SITES APPROVED BY THE ENGINEER.

ALL CONNECTIONS OF EXISTING PIPE TO NEW STRUCTURES OR NEW PIPE TO EXISTING STRUCTURES SHALL BE CONSIDERED SUBSIDIARY TO THE STORM SEWER BID ITEM.

EXISTING STREET SIGNS SHALL BE REMOVED AND DELIVERED INTACT TO THE CITY OF WICHITA MAINTENANCE FACILITY, 1801 S. MCLEAN, WICHITA, KS.

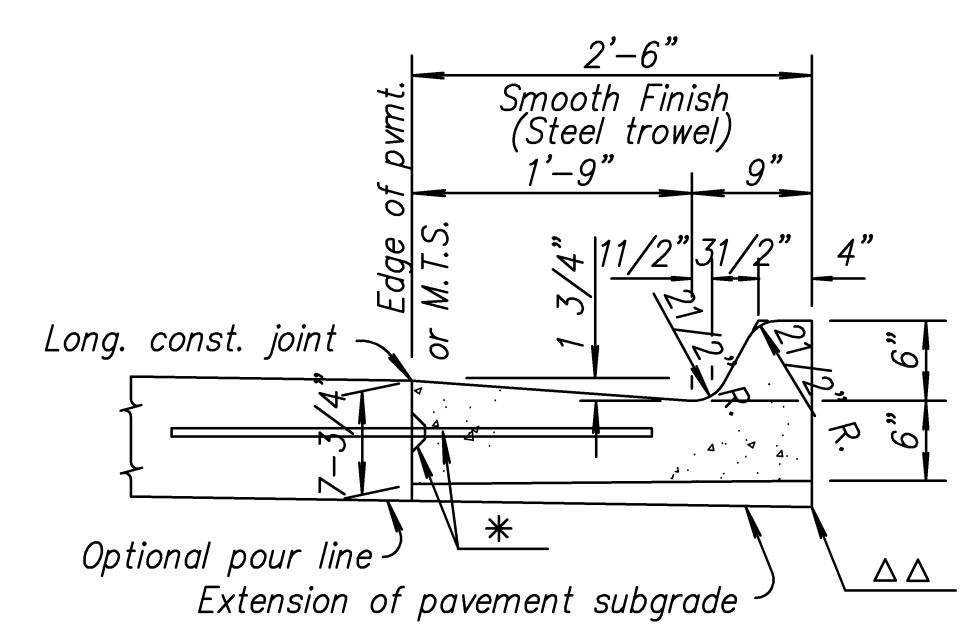
ALL EXISTING CULVERT PIPES NOT IDENTIFIED TO BE SALVAGED SHALL BECOME PROPERTY OF THE CONTRACTOR.

SEDIMENT IN EXISTING PIPE OR STRUCTURES CONNECTING TO NEW PIPE OR STRUCTURES SHALL BE CLEANED OUT. ALL LABOR, EQUIPMENT, AND MATERIALS USED FOR SEDIMENT REMOVAL SHALL BE SUBSIDIARY TO THE BID ITEM "CLEAN EXISTING STRUCTURES."

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 CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.

THE CONTRACTOR SHALL VERIFY UTILITY LOCATIONS PRIOR TO CONSTRUCTION OF THIS PROJECT.

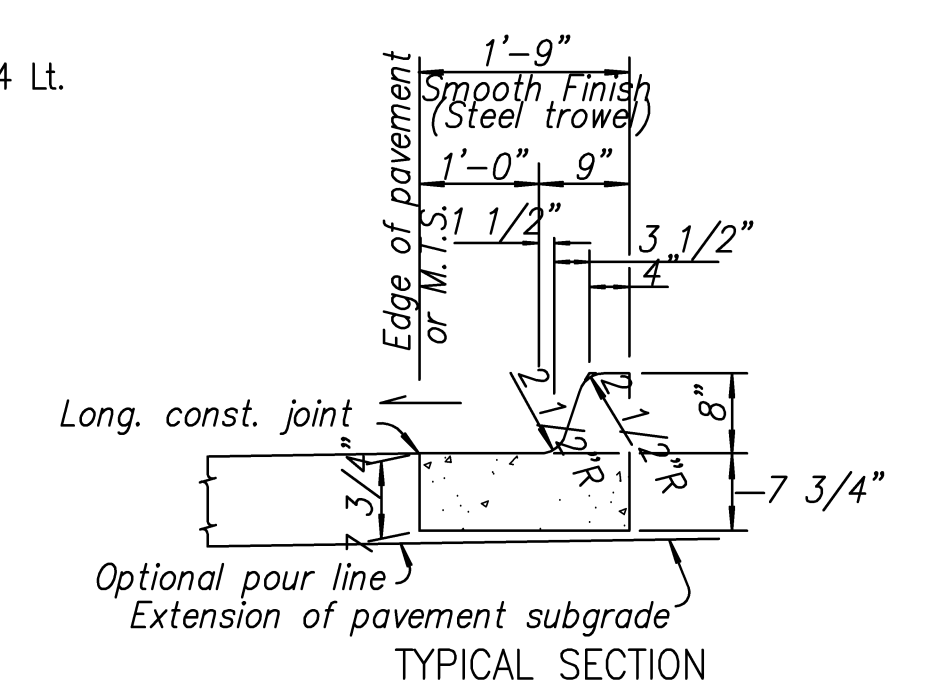
ALL PIPE PLUGS SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE SUBSIDIARY TO THE PROJECT.



TYPICAL SECTION

Note: Conc. C.&G. // contains 0.060 cu. yds. Conc. Grade 3.0 (AE) per lin.ft.


COMBINED CURB & GUTTER - TYPE I (2'-6" WIDTH)



TYPICAL SECTION

Note: Conc. C.&G. // contains 0.054 cu. yds. Conc. Grade 3.0 (AE) per lin

COMBINED CURB & GUTTER - TYPE III (1'-9" WIDTH)

		POE & ASSOCIATES, INC. CONSULTING ENGINEERS 5940 E. Central, Suite 200 • Wichita, KS 67208-4242 Phone 316/685-4114 • FAX 316/685-4444	
ENGINEER : P. Ferguson ENG. TRCH : K. Warren CAD TRCH : K. Warren DATE : SEPTEMBER 2009 SHEET : 4 OF 226	MAIZE ROAD TYPICAL SECTIONS CITY OF WICHITA, KANSAS PROJECT NO. 87 N-0502-01		