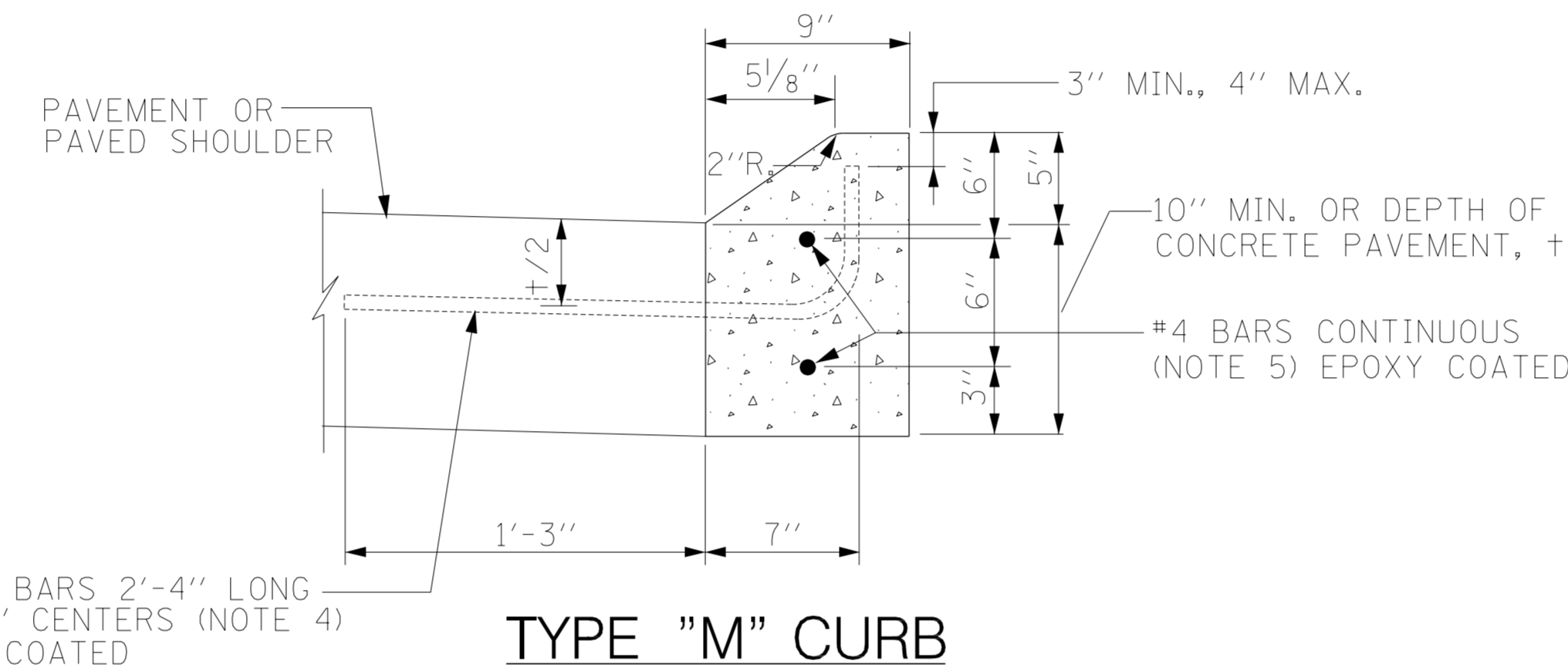
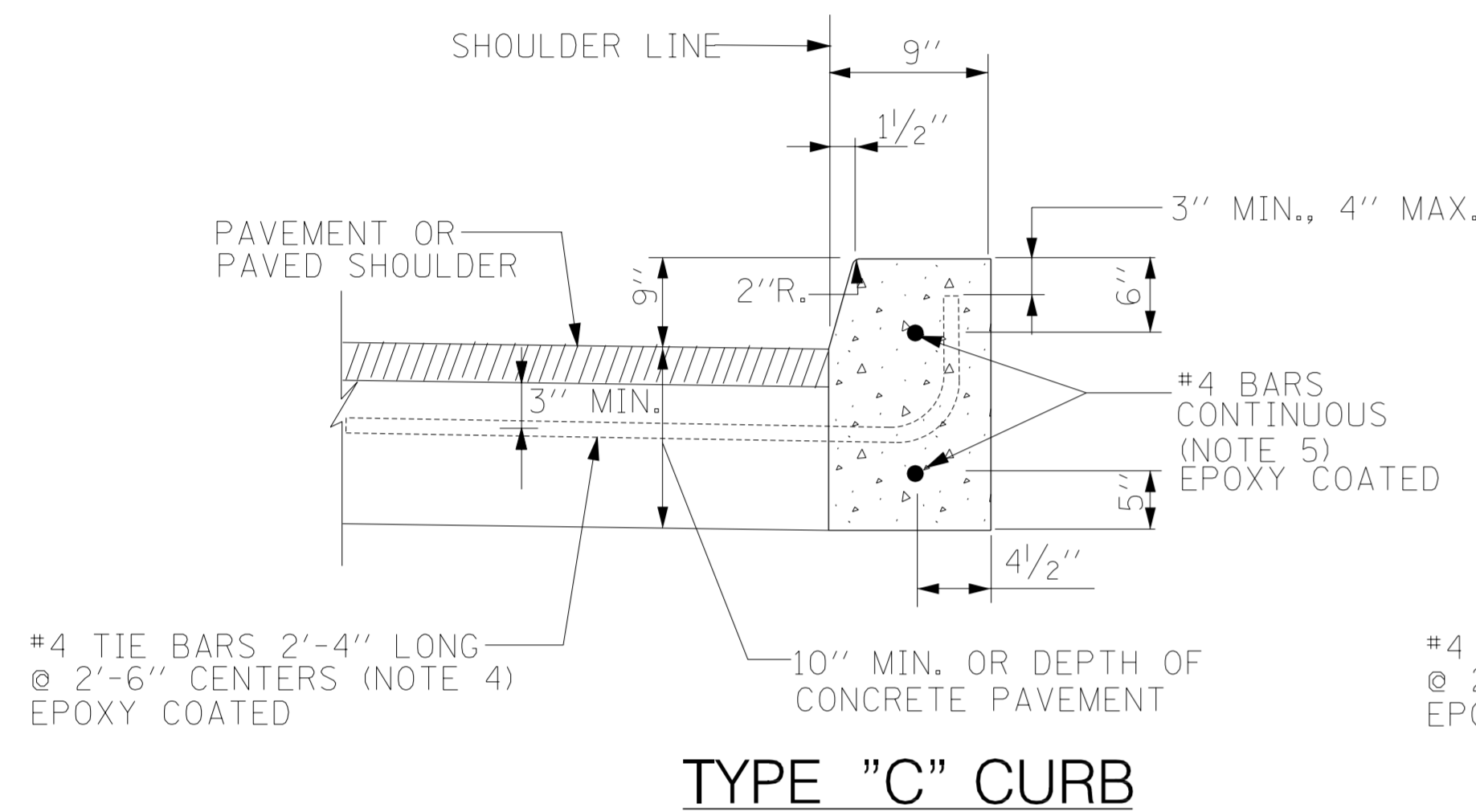
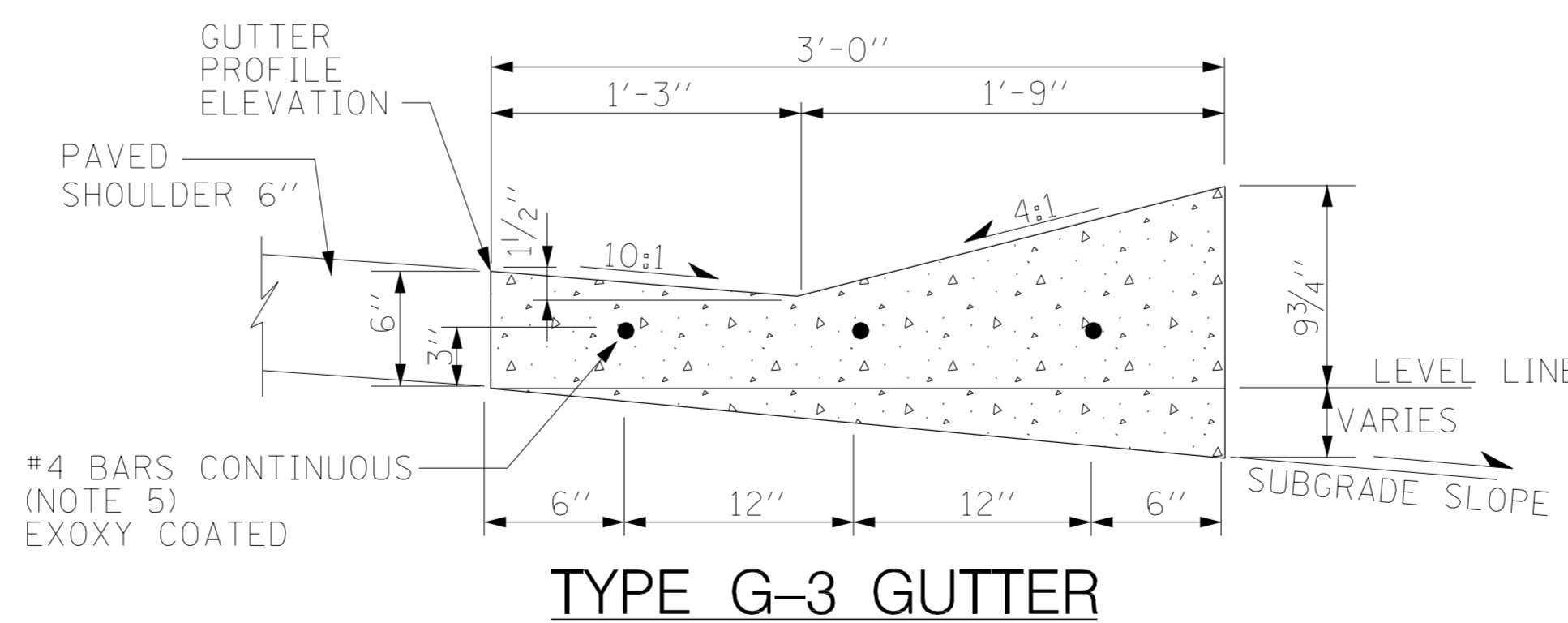
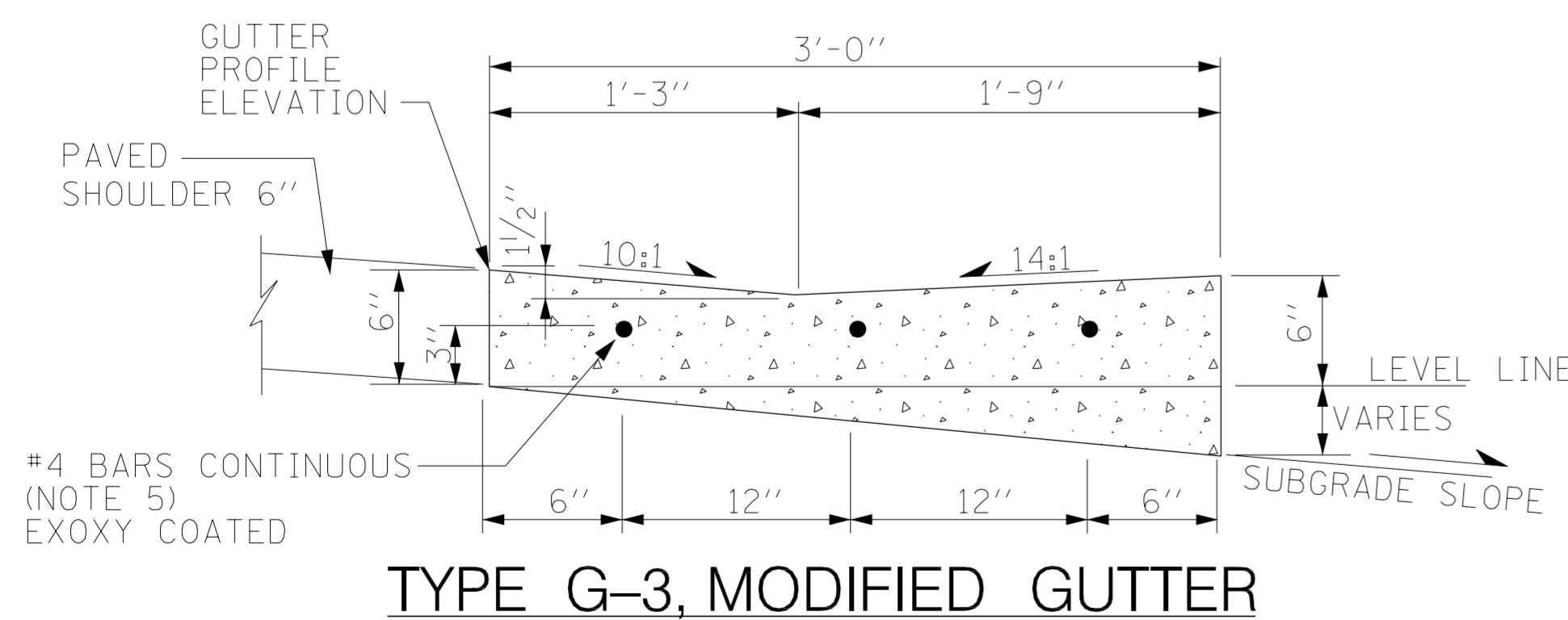
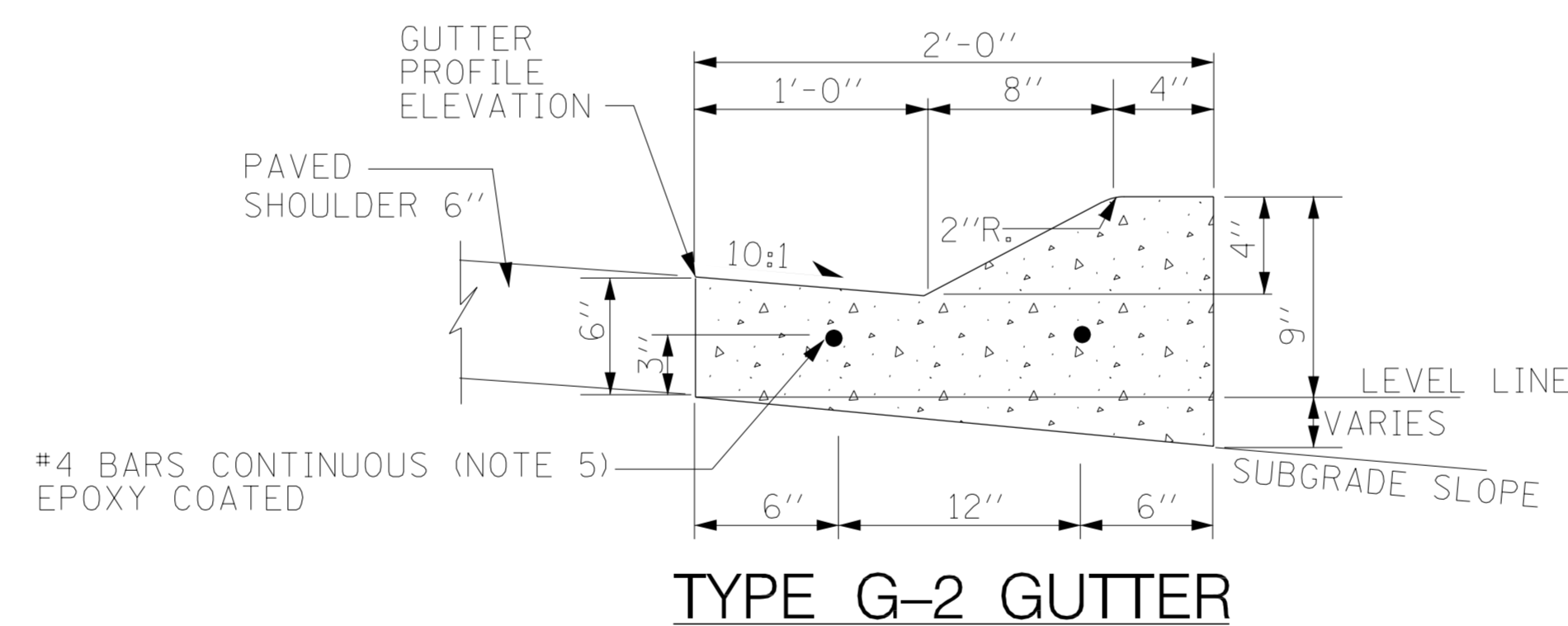


C & G TYPE	A
M-12	12"
M-18	18"
M-24	24"



NOTES:

1. THE LOCATION OF THE CURB OR CURB AND GUTTER SHALL BE AS SHOWN ON THE PLANS.
2. CLASS SP CONCRETE SHALL BE USED THROUGHOUT.
3. THE MATERIALS AND CONSTRUCTION OF CURBS OR CURB AND GUTTERS SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTION 612 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISION.
4. CURBS OR CURB AND GUTTERS CONSTRUCTED ADJACENT TO PROPOSED P.C.C. PAVEMENTS OR P.C.C. SHOULDERS SHALL HAVE #4 TIE BARS AS DETAILED. CURB AND GUTTERS CONSTRUCTED ADJACENT TO AN EXISTING P.C.C. PAVEMENT OR P.C.C. BASE COURSE SHALL HAVE #4 TIE BARS, DRILLED AND GROUTED INTO THE EXISTING CONCRETE WITH AN APPROVED EPOXY GROUT. CURB AND GUTTERS CONSTRUCTED ADJACENT TO EXISTING P.C.C. SHOULDERS SHALL BE PROVIDED WITH TIE BARS IF SPECIFIED AND DETAILED IN THE PLANS.
5. WHEN CURBS OR CURB AND GUTTERS ARE CONSTRUCTED ADJACENT TO EXISTING OR PROPOSED P.C.C. PAVEMENT, P.C.C. BASE COURSE OR P.C.C. SHOULDERS CONTRACTION JOINTS AND EXPANSION JOINTS SHALL BE CONSTRUCTED IN THE CURBS OR CURB AND GUTTERS IN PROLONGATION WITH THE JOINTS IN ADJACENT PAVEMENT OR SHOULDER. EXPANSION JOINTS SHALL BE AS SPECIFIED AND DETAILED IN THE PLANS. REINFORCING BARS SHALL BE DISCONTINUED AT EXPANSION JOINTS.
6. CONSTRUCTION JOINT SHALL BE PROVIDED WITH #4 DEFORMED STEEL TIE BARS 2'-6" LONG. THE BARS SHALL BE PLACED ON 9"± CENTERS (MINIMUM 2 PER JOINT).
7. FOR CURB TRANSITIONS, THE CURB PORTION OF LEADING ENDS OF CURB OR CURB AND GUTTERS IN THE DIRECTION OF TRAFFIC SHALL BEGIN FLUSH WITH ADJACENT PAVEMENT OR SHOULDER SURFACE AND TRANSITION TO FULL HEIGHT AT THE RATE OF ONE INCH VERTICAL TO ONE FOOT HORIZONTAL. CURB HEIGHT AND SHAPE TRANSITIONS FROM ONE ABUTTING TYPE TO ANOTHER SHALL BE 3 FT. MIN. IN LENGTH.
8. THE UNIT PRICE PER LINEAL FOOT FOR CURBS, CURB AND GUTTERS OR GUTTERS SHALL INCLUDE CLASS SP CONCRETE, STEEL REINFORCEMENT, TIE BARS, ALL EXCAVATION, DISPOSAL OF SURPLUS MATERIALS AND FORMING THE CURB AT CONCRETE FLUMES AND TRANSITIONS.
9. FOR G-2 AND G-3 TRANSITION DETAILS SEE SD XX-4B.
10. G-3 GUTTER SHALL NOT BE CONSTRUCTED ALONG UNSHIELDED FILL SLOPES STEEPER THAN 6:1.
11. +=THICKNESS



APPROVED *Jeff Staley* CHIEF ENGINEER DATE 10-12-2004

CTE ENGINEERS
CONSOER TOWNSEND ENVIRODYNE ENGINEERS, INC.

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE, ILLINOIS 60515

REVISIONS	
NO.	DATE

STANDARD SD 04-4A
CURB, CURB AND GUTTER AND GUTTER DETAILS

DRAWING NO. B1 OF