PROJECT REFERENCE NO.	SHEET NO.
R2514-A	43

ROADWAY DESIGN ENGINEER

HYDRAULICS ENGINEER

CONST. REV.

R/W REV.

TAYLOR · WISEMAN & TAYLOR

ENGINEERS • SURVEYORS • PLANNERS
G.P.S. • SUBSURFACE UTILITY ENGINEERING
7011 WATERS EDGE DRIVE SUITE 150 RALEIGH, N.C. 27606
TELEPHONE NO. (919)859-9333 FAX NO. (919)859-9339

5 0 10

BM # 5 BIG MAILING STONE LOCATED 18.9'±Lt. OF Q PL STA 474+76 ELEV.=35.55

PROPOSED GRADE LINE

EXISTING GROUND

SOUTHBOUND

SEE SHEET NO.16 FOR LINE & GRADE

145+00 146+00 147+00 148+00

18 16 14 12 10 8

Soil Sample Test Results

| SOURCE NO. | STATION | OFFSET | DEPTH INTERVAL | AASHTO CLASS | L.L. | P.I. | % PASSING SIEVE NO. 10 | % PASSING SIEVE NO. 40 | % PASSING SIEVE NO. 200 | % PASSING SIEVE NO. 270 | % PASSING SIEVE NO. 325 | % PASSING SIEVE NO. 400 | % PASSING SIEVE NO. 500 | % PASSING SIEVE NO. 635 | % PASSING SIEVE NO. 1000 | % PASSING SIEVE NO. 1270 | % PASSING SIEVE NO. 2000 | % PASSING SIEVE NO. 2540 | % PASSING SIEVE NO. 4000 | % PASSING SIEVE NO. 5080 | % PASSING SIEVE NO. 8000 | % PASSING SIEVE NO. 10160 | % PASSING SIEVE NO. 16000 | % PASSING SIEVE NO. 20320 | % PASSING SIEVE NO. 32000 | % PASSING SIEVE NO. 40640 | % PASSING SIEVE NO. 64000 | % PASSING SIEVE NO. 81280 | % PASSING SIEVE NO. 128000 | % PASSING SIEVE NO. 162560 | % PASSING SIEVE NO. 256000 | % PASSING SIEVE NO. 325120 | % PASSING SIEVE NO. 512000 | % PASSING SIEVE NO. 650240 | % PASSING SIEVE NO. 1024000 | % PASSING SIEVE NO. 1300480 | % PASSING SIEVE NO. 2048000 | % PASSING SIEVE NO. 2600960 | % PASSING SIEVE NO. 4096000 | % PASSING SIEVE NO. 5201920 | % PASSING SIEVE NO. 8192000 | % PASSING SIEVE NO. 10403840 | % PASSING SIEVE NO. 16384000 | % PASSING SIEVE NO. 20807680 | % PASSING SIEVE NO. 32768000 | % PASSING SIEVE NO. 41615360 | % PASSING SIEVE NO. 65536000 | % PASSING SIEVE NO. 83230720 | % PASSING SIEVE NO. 131072000 | % PASSING SIEVE NO. 166461440 | % PASSING SIEVE NO. 262144000 | % PASSING SIEVE NO. 332922880 | % PASSING SIEVE NO. 524288000 | % PASSING SIEVE NO. 665845760 | % PASSING SIEVE NO. 1048576000 | % PASSING SIEVE NO. 1331691520 | % PASSING SIEVE NO. 2097152000 | % PASSING SIEVE NO. 2663383040 | % PASSING SIEVE NO. 4194304000 | % PASSING SIEVE NO. 5326766080 | % PASSING SIEVE NO. 8388608000 | % PASSING SIEVE NO. 10653532160 | % PASSING SIEVE NO. 16777216000 | % PASSING SIEVE NO. 21307064320 | % PASSING SIEVE NO. 33554432000 | % PASSING SIEVE NO. 42614128640 | % PASSING SIEVE NO. 67108864000 | % PASSING SIEVE NO. 85228257280 | % PASSING SIEVE NO. 134217728000 | % PASSING SIEVE NO. 170456514560 | % PASSING SIEVE NO. 268435456000 | % PASSING SIEVE NO. 340913029120 | % PASSING SIEVE NO. 536870912000 | % PASSING SIEVE NO. 681826058240 | % PASSING SIEVE NO. 1073741824000 | % PASSING SIEVE NO. 1363652116480 | % PASSING SIEVE NO. 2147483648000 | % PASSING SIEVE NO. 2727304232960 | % PASSING SIEVE NO. 4294967296000 | % PASSING SIEVE NO. 5454608465920 | % PASSING SIEVE NO. 8589934592000 | % PASSING SIEVE NO. 10909216931840 | % PASSING SIEVE NO. 17179869184000 | % PASSING SIEVE NO. 21818433863680 | % PASSING SIEVE NO. 34359738368000 | % PASSING SIEVE NO. 43636867727360 | % PASSING SIEVE NO. 68719476736000 | % PASSING SIEVE NO. 87273735454720 | % PASSING SIEVE NO. 137438953472000 | % PASSING SIEVE NO. 174547470909440 | % PASSING SIEVE NO. 274877906944000 | % PASSING SIEVE NO. 349094941818880 | % PASSING SIEVE NO. 549755813888000 | % PASSING SIEVE NO. 698189883637760 | % PASSING SIEVE NO. 1099511627776000 | % PASSING SIEVE NO. 1396379767275520 | % PASSING SIEVE NO. 2199023255552000 | % PASSING SIEVE NO. 2792759534551040 | % PASSING SIEVE NO. 4398046511104000 | % PASSING SIEVE NO. 5585519069102080 | % PASSING SIEVE NO. 8796093022208000 | % PASSING SIEVE NO. 11171038138204160 | % PASSING SIEVE NO. 17592186044416000 | % PASSING SIEVE NO. 22342076276408320 | % PASSING SIEVE NO. 35184372088832000 | % PASSING SIEVE NO. 44684152552816640 | % PASSING SIEVE NO. 70368744177664000 | % PASSING SIEVE NO. 89368305105633280 | % PASSING SIEVE NO. 140737488355328000 | % PASSING SIEVE NO. 178736610211266560 | % PASSING SIEVE NO. 281474976710656000 | % PASSING SIEVE NO. 357473220422533120 | % PASSING SIEVE NO. 562949953421312000 | % PASSING SIEVE NO. 714946440845066240 | % PASSING SIEVE NO. 1125899906842624000 | % PASSING SIEVE NO. 1429892881690132480 | % PASSING SIEVE NO. 2251799813685248000 | % PASSING SIEVE NO. 2859785763380264960 | % PASSING SIEVE NO. 4503599627370496000 | % PASSING SIEVE NO. 5719571526760529920 | % PASSING SIEVE NO. 9007199254740992000 | % PASSING SIEVE NO. 11439143053521059840 | % PASSING SIEVE NO. 18014398509481984000 | % PASSING SIEVE NO. 22878286107042119680 | % PASSING SIEVE NO. 36028797018963968000 | % PASSING SIEVE NO. 45756572214084239360 | % PASSING SIEVE NO. 72057594037927936000 | % PASSING SIEVE NO. 91513144428168478720 | % PASSING SIEVE NO. 144115188075855872000 | % PASSING SIEVE NO. 183026288856336957440 | % PASSING SIEVE NO. 288230376151711744000 | % PASSING SIEVE NO. 366052577712673914880 | % PASSING SIEVE NO. 576460752303423488000 | % PASSING SIEVE NO. 732105155425347829760 | % PASSING SIEVE NO. 1152921504606846976000 | % PASSING SIEVE NO. 1464210310850695659520 | % PASSING SIEVE NO. 2305843009213693952000 | % PASSING SIEVE NO. 2928420621701391319040 | % PASSING SIEVE NO. 4611686018427387904000 | % PASSING SIEVE NO. 5856841243402782638080 | % PASSING SIEVE NO. 9223372036854775808000 | % PASSING SIEVE NO. 11713682486805565276160 | % PASSING SIEVE NO. 18446744073709551616000 | % PASSING SIEVE NO. 23427364973611130552320 | % PASSING SIEVE NO. 36893488147419103232000 | % PASSING SIEVE NO. 46854729947222261104640 | % PASSING SIEVE NO. 73786976294838206464000 | % PASSING SIEVE NO. 93709459894444522209280 | % PASSING SIEVE NO. 147573952589676412928000 | % PASSING SIEVE NO. 187418919788889044418560 | % PASSING SIEVE NO. 295147905179352825856000 | % PASSING SIEVE NO. 374837839577778088837120 | % PASSING SIEVE NO. 590295810358705651712000 | % PASSING SIEVE NO. 749675679155556177674240 | % PASSING SIEVE NO. 1180591620717411303424000 | % PASSING SIEVE NO. 1499351358311112355348480 | % PASSING SIEVE NO. 2361183241434822606848000 | % PASSING SIEVE NO. 2998702716622224710696960 | % PASSING SIEVE NO. 4722366482869645213696000 | % PASSING SIEVE NO. 5997405433244449421393920 | % PASSING SIEVE NO. 9444732965739290427392000 | % PASSING SIEVE NO. 11994810866488898842787840 | % PASSING SIEVE NO. 18889465931478580854784000 | % PASSING SIEVE NO. 23989621732977797685575680 | % PASSING SIEVE NO. 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SIEVE NO. 38685626227668133590597632000 | % PASSING SIEVE NO. 49130745309138529660058992640 | % PASSING SIEVE NO. 77371252455336267181195264000 | % PASSING SIEVE NO. 98261490618277059320117985280 | % PASSING SIEVE NO. 154742504910672534362390528000 | % PASSING SIEVE NO. 196522981236554118640235970560 | % PASSING SIEVE NO. 309485009821345068724781056000 | % PASSING SIEVE NO. 393045962473108237280471941120 | % PASSING SIEVE NO. 618970019642690137449562112000 | % PASSING SIEVE NO. 786091924946216474560943882240 | % PASSING SIEVE NO. 1237940039285380274899124224000 | % PASSING SIEVE NO. 1572183849892432949121887764480 | % PASSING SIEVE NO. 2475880078570760549798248448000 | % PASSING SIEVE NO. 3144367699784865898243775528960 | % PASSING SIEVE NO. 4951760157141521099596496896000 | % PASSING SIEVE NO. 6288735399569731796487551057920 | % PASSING SIEVE NO. 9903520314283042199192993792000 | % PASSING SIEVE NO. 12577470799139463592975102115840 | % PASSING SIEVE NO. 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PASSING SIEVE NO. 216079302994795924299242875719172814274560 | % PASSING SIEVE NO. 340282366920938463463374607431768211456000 | % PASSING SIEVE NO. 432158605989591848598485751438345628549120 | % PASSING SIEVE NO. 680564733841876926926749214863536422912000 | % PASSING SIEVE NO. 864317211979183697196971502876691257098240 | % PASSING SIEVE NO. 1361129467683753853853498429727072845824000 | % PASSING SIEVE NO. 1728634423958367394393943005753382514196480 | % PASSING SIEVE NO. 2722258935367507707706996859454145691648000 | % PASSING SIEVE NO. 3457268847916734788787886011506765028392960 | % PASSING SIEVE NO. 5444517870735015415413993718908291383296000 | % PASSING SIEVE NO. 6914537695833469577575772023013530056785920 | % PASSING SIEVE NO. 10889035741470030830827987437816582766592000 | % PASSING SIEVE NO. 13829075391666939155151544046027060113571840 | % PASSING SIEVE NO. 21778071482940061661655974875633165533184000 | % PASSING SIEVE NO. 27658150783333878310303088092054120227143680 | % PASSING SIEVE NO. 43556142965880123323311949751266331066368000 | % PASSING SIEVE NO. 55316301566667756620606176184108240454287360 | % PASSING SIEVE NO. 87112285931760246646623899502532662132736000 | % PASSING SIEVE NO. 110632603133335513241212352368216480908574720 | % PASSING SIEVE NO. 174224571863520493293247799005065324265472000 | % PASSING SIEVE NO. 221265206266671026482424704736432961817149440 | % PASSING SIEVE NO. 348449143727040986586495598010130648530944000 | % PASSING SIEVE NO. 442530412533342052964849409472865923634298880 | % PASSING SIEVE NO. 696898287454081973172991196020261297061888000 | % PASSING SIEVE NO. 885060825066684105929698818945731847268597760 | % PASSING SIEVE NO. 1393796574908163946345982392040522594123776000 | % PASSING SIEVE NO. 1770121650133368211859397637891463694537195520 | % PASSING SIEVE NO. 2787593149816327892691964784081045188247552000 | % PASSING SIEVE NO. 3540243300266736423718795275782927389074391040 | % PASSING SIEVE NO. 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713623846352979940529142984724747568191373312000 | % PASSING SIEVE NO. 906302284868284524472011590600429411603044106240 | % PASSING SIEVE NO. 1427247692705959881058285969449495136382746624000 | % PASSING SIEVE NO. 1812604569736569048944023181200858823206088212480 | % PASSING SIEVE NO. 2854495385411919762116571938898990272765493248000 | % PASSING SIEVE NO. 3625209139473138097888046362401717646412176424960 | % PASSING SIEVE NO. 5708990770823839524233143877797980545530986496000 | % PASSING SIEVE NO. 7250418278946276195776092724803435292824352849920 | % PASSING SIEVE NO. 11417981541647679048466287755595961091061972992000 | % PASSING SIEVE NO. 14500836557892552391552185449606870585648705699840 | % PASSING SIEVE NO. 22835963083295358096932575511191922182123945984000 | % PASSING SIEVE NO. 29001673115785104783104370899213741171297411399680 | % PASSING SIEVE NO. 45671926166590716193865151022383844364247891968000 | % PASSING SIEVE NO. 58003346231570209566208741798427482342594822799360 | % 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