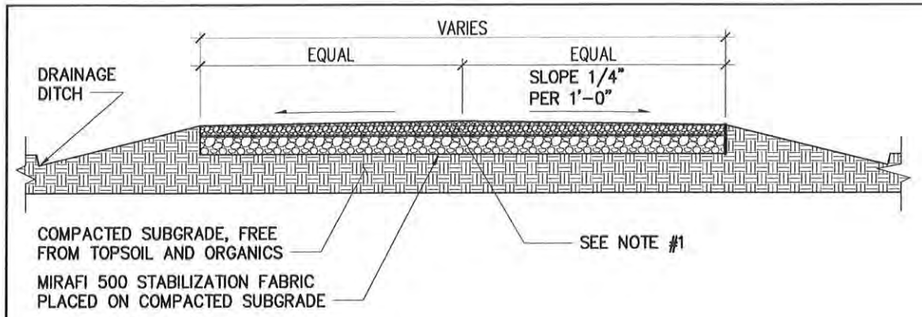


PROPOSED ROAD NOTES:

1. GRAVEL SHALL BE LAID ON THE ROAD ABOVE THE GEOTEXTILE FABRIC IN TWO LAYERS. THE BOTTOM LAYER SHALL CONSIST OF 4 INCHES THICK 3/4" COARSE GRAVEL PROVIDING THE STRONG BASE AND THE TOP LAYER OF 4 INCHES THICK CRUSHER RUN 1/2" FINE GRAVEL PROVIDING THE SMOOTH TOP SURFACE. THE 4 INCHES OF CRUSHER RUN SHALL BE INSTALLED AFTER ALL OF THE SITE COMPONENTS HAVE BEEN INSTALLED AT THE END OF CONSTRUCTION. THE CRUSHED AGGREGATE SHALL CONSIST OF CRUSHED LIMESTONE OR CRUSHED NATURAL GRAVEL, FREE FROM LUMPS OR BALLS OF CLAY OR OTHER OBJECTIONABLE MATTER, AND REASONABLY FREE FROM THIN AND ELONGATED PIECES OF DIRT. AGGREGATES SHALL CONSIST OF ANGULAR FRAGMENTS, DURABLE & SOUND, AND SHALL BE REASONABLY UNIFORM IN DENSITY AND QUALITY.
2. GEOTEXTILE FABRIC SHALL NOT BE USED ON ROAD SECTIONS WITH STEEP GRADES (>10%) OR ROCK BASE TO PREVENT SLIPPING OF SURFACE. ON STEEP SLOPES, SLOPE STABILIZATION MEASURES SHALL BE USED INSTEAD.
3. THE ROAD SHALL BE GRAVELED IN SUCH A MANNER AS TO PROVIDE A CROWN IN THE CENTER, WITH THE ROAD SURFACE SLOPING AWAY FROM CENTER SO THAT THE WATER INSTANTLY RUNS OFF INTO THE SWALES ON THE SIDE. THE ROAD SHALL BE FLARED AT THE INTERSECTION OF THE HIGHWAY IN ORDER TO PROVIDE ADEQUATE TURNING RADIUS FOR THE VEHICLE. FOUR FEET WIDE SWALES SHALL BE PROVIDED ON EITHER SIDE OF THE ROAD TO FACILITATE EASY RUNOFF OF RAIN WATER.
4. WHERE PERMISSIBLE BY THE LOCAL CODES, AN EPA APPROVED HERBICIDE SHALL BE APPLIED TO ALL AREAS PRIOR TO LAYING DOWN THE GEOTEXTILE FABRIC. THE RATE OF APPLICATION OF THIS HERBICIDE SHALL BE A MINIMUM OF 10 POUNDS OF PRODUCT PER ACRE, UNLESS OTHERWISE REQUIRED BY LOCAL CODES OR MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR SHALL CHECK THE LOCAL CODES PRIOR TO APPLYING DEFOLIANT. SUBSTANCE SHALL NOT BE APPLIED IF GROUND IS FROZEN OR DANGER OF WEED KILLER BEING WASHED BEYOND THE INTENDED AREA.

1 TYPICAL GRAVEL ACCESS ROAD SECTION

SCALE: NONE

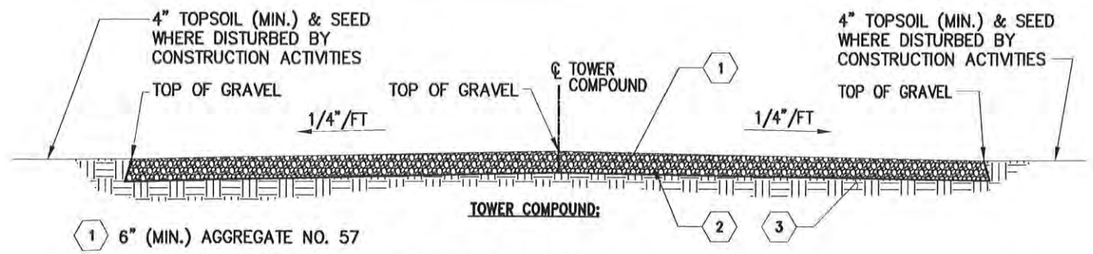
SH-01-EA-02-001

NOTE:
1. TR HUGHES BLVD. SHALL BE KEPT CLEAN FROM MUD AND/OR DEBRIS FROM THE JOB SITE AND SHOULD BE MONITORED AND CLEANED THROUGHOUT THE WORKING DAY.
2. A SPECIAL-USE PERMIT WILL NEED TO BE OBTAINED FROM THE ST. CHARLES COUNTY HIGHWAY DEPARTMENT BEFORE ANY APPROVED CONSTRUCTION MAY COMMENCE WITHIN COUNTY RIGHT-OF-WAY. CONTACT MR. CHARLIE KUEHLER, AT (636) 949-7305, CONCERNING INFORMATION REGARDING SPECIAL-USE PERMITS AND FEES.
3. ST. CHARLES COUNTY HIGHWAY DEPARTMENT SHALL BE NOTIFIED 24 HOURS PRIOR TO THE START OF CONSTRUCTION. CONTACT VANCE GRIBBLE AT (636) 949-7305.
4. CONTRACTOR TO PROVIDE TEMPORARY TRAFFIC CONTROL DETAILS FOR THE CONSTRUCTION OF THE ACCESS ENTRANCE. TRAFFIC CONTROL SIGNING SHALL MEET THE MOST CURRENT PROVISIONS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AS PUBLISHED BY THE FEDERAL HIGHWAY ADMINISTRATION.

NOTE:
PROPOSED CONSTRUCTION ACTIVITIES SHALL BE DONE IN ACCORDANCE WITH MOTOROLA'S R-56 DESIGN STANDARDS.

STATE OF MISSOURI
BRUCE L. HARDING
NUMBER A1999135609
ARCHITECT

BRUCE L. HARDING, ARCHITECT
REGISTRATION NUMBER: A1999135609

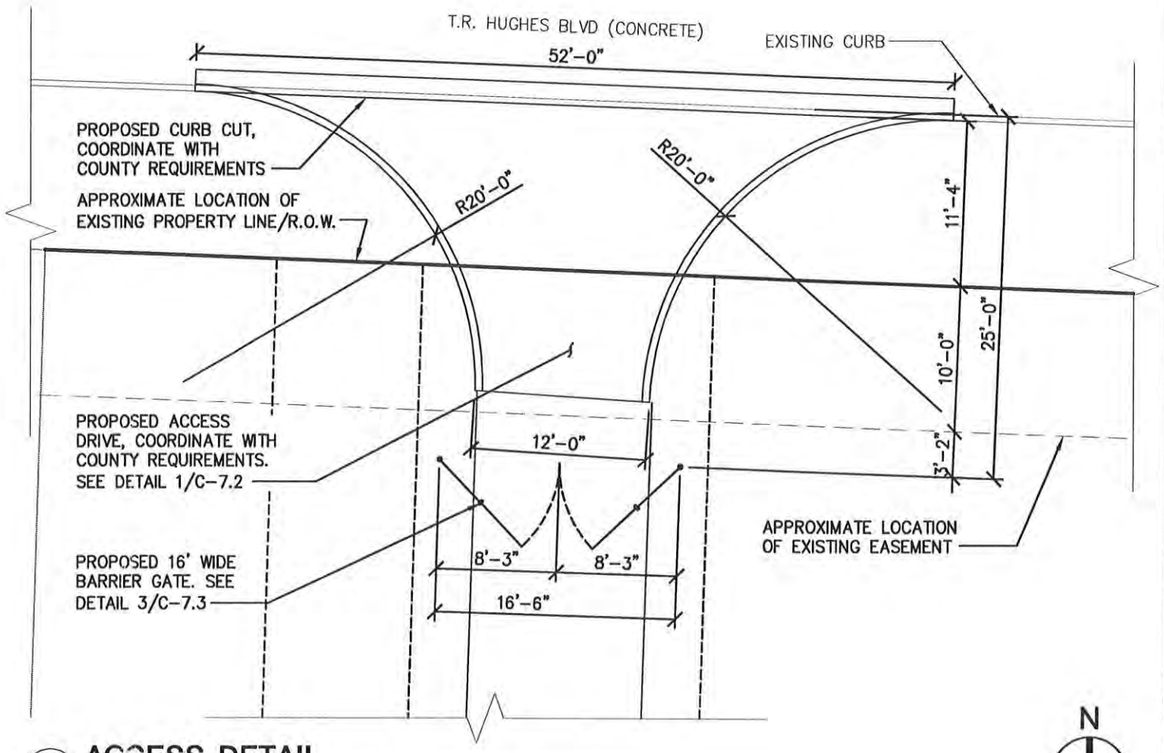


1. 6" (MIN.) AGGREGATE NO. 57
2. GEOTILE MATERIAL MIRAFI 500X (OR APPROVED EQUAL)
3. SITE SHALL BE CLEARED OF ORGANIC MATERIAL OR UNSUITABLE MATERIAL. SUBGRADE MUST BE COMPACTED TO 90% OF STANDARD PROCTOR DENSITY AND VERIFIED BY PROOF-ROLL OR GEOTECHNICAL RECOMMENDATIONS. UNDISTURBED SOIL OR 6" OF NATIVE COMPACTED FILL FREE FROM ANY DEBRIS OR ORGANIC MATERIAL. IF EXISTING SUBGRADE DOES NOT MEET THE CRITERIA ABOVE, 6" OF COMPACTED STRUCTURAL FILL SHALL BE INSTALLED.
4. SITES WITH NO FENCE SHALL HAVE AN AREA COVERED WITH WEED BARRIER THAT IS A MINIMUM OF 5 FT WIDE AROUND THE SHELTER AND TOWER AREAS; THIS AREA SHALL BE USABLE AS PARKING SPACE OR FOR STORAGE OF A PORTABLE GENERATOR. LOCAL FIRE CODES MIGHT DICTATE MORE STRINGENT REQUIREMENTS.
5. THE FINISHED GRADE SHALL DIRECT WATER AWAY FROM THE SHELTER.
6. CONTRACTOR SHALL REFER TO GRADING PLAN FOR FINISHED COMPOUND SURFACING

2 TYPICAL COMPOUND CROSS SECTION

SCALE: NONE

SH-01-EA-04-001



3 ACCESS DETAIL

SCALE: NONE

MOTOROLA SOLUTIONS

SHIVEHATTERY
ARCHITECTURE + ENGINEERING
3025 Highland Pkwy Suite 140 | Downers Grove, Illinois 60515
630.390.7444 | fax 630.437.5800 | shive-hattery.com
Iowa | Illinois | Missouri

PROJECT NO: 8125800-13
DRAWN BY: JCS
CHECKED BY: WJH

1	10/25/12	CLIENT REVIEW
2	01/03/13	BID/PERMIT
3	02/14/13	CLIENT REVISIONS
4	03/04/13	BID/PERMIT
5	04/04/13	BID/PERMIT
6	05/31/13	CLIENT REVISIONS
7	07/05/13	CLIENT REVISIONS
8	07/23/13	CLIENT REVISIONS

PYRAMID Network Services, LLC

SHERIFF-DIERKER
ST. CHARLES COUNTY - P25 TRUNKED RADIO/MICROWAVE SYSTEM PROJECT SITE 13.0
900 T R HUGHES BLVD.
O'FALLON, MO 63368
ST. CHARLES COUNTY
SELF-SUPPORT TOWER

SHEET TITLE
SITE WORK DETAILS

SHEET NUMBER
C-7.1