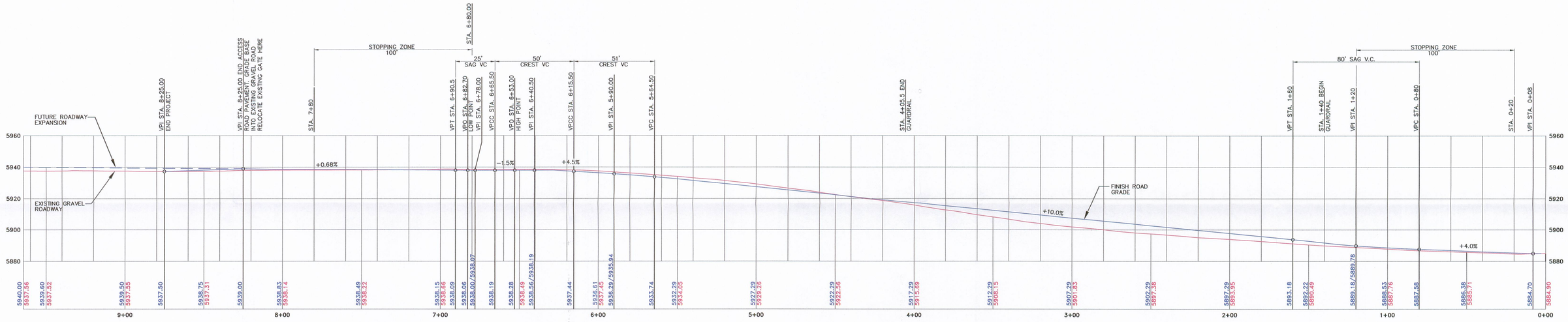
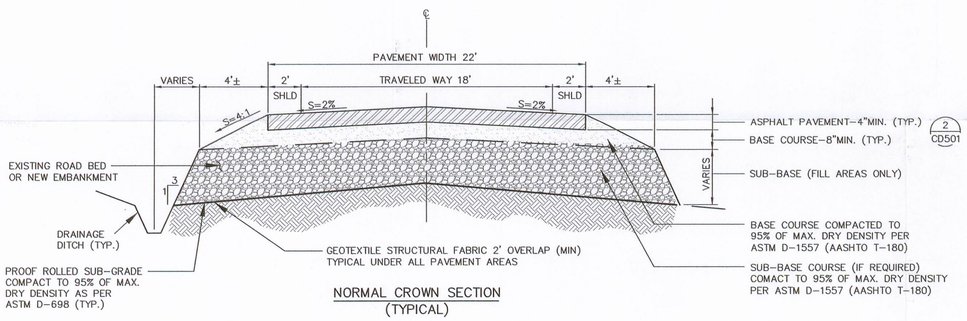
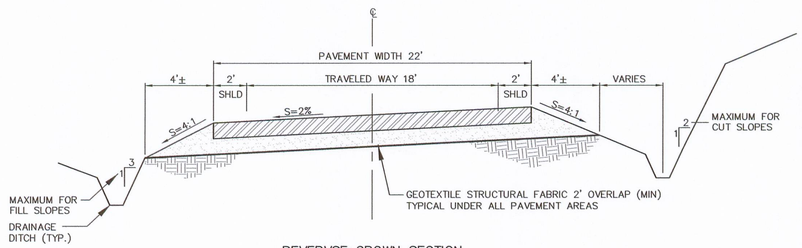


PROFILE
SCALE: 1"=30' HORZ. AND VERT.

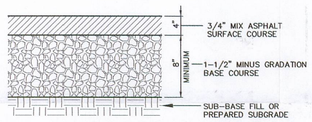


NORMAL CROWN SECTION
(TYPICAL)



REVERVSE CROWN SECTION
(TYPICAL)

TYPICAL ROAD SECTION DETAILS (1 / CD501)
NTS

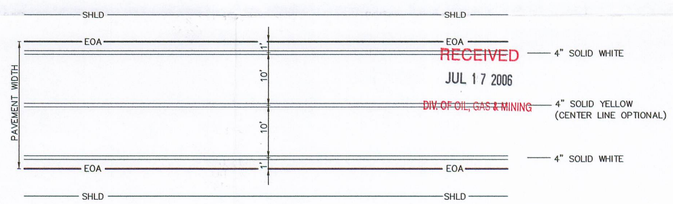


NOTES:

1. THE SUBGRADE SOIL SHALL BE MOISTURE CONDITIONED (WITHIN 2% OF OPTIMUM) AND COMPACTED IN 8-INCH LIFTS MAXIMUM TO 95% OF THE OPTIMUM LABORATORY DRY DENSITY OF THE STANDARD PROCTOR (ASTM D698 OR AASHTO T-99).
2. SUBBASE (EMBANKMENT) FILL MATERIALS SHALL CONSIST OF GRANULAR BORROW IN ACCORDANCE WITH SECTION 220.2, UDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
3. ROAD BASE (UNTREATED BASE COURSE) MATERIALS SHALL CONFORM WITH SECTION 301 OF THE UDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
4. SUBBASE AND BASE COURSE MATERIALS SHALL BE MOISTURE CONDITIONED (WITHIN 2% OF OPTIMUM) AND COMPACTED IN 6-INCH MAXIMUM LIFTS TO 95% OF THE OPTIMUM LABORATORY DRY DENSITY OF THE MODIFIED PROCTOR (ASTM D1557 OR AASHTO T-180).
5. ASPHALT CONSRETE PAVEMENT (DENSE GRADED) SHALL CONFORM WITH SECTION 402 OF THE UDOT STANDARDS FOR ROAD AND BRIDGE CONSTRUCTION FOR A 3/4" NON-RUTTING MIX.
6. THE ASPHALT CONCRETE SURFACE COURSE SHALL BE PLACED IN ONE LIFT AND COMPACTED TO 95% OF THE MARCHALL MIX DESIGN DENSITY (ASTM D1559).
7. THE ASPHALT CONCRETE PAVEMENT SURFACE COURSE SHALL CONFORM TO THE FOLLOWING REQUIREMENTS WHEN TESTED IN ACCORDANCE WITH ASTM D1559.

MARSHALL STABILITY	1200 POUNDS MINIMUM
FLOW (0.1)	12 TO 18
VOIDS CONTENT	3 TO 5%
VMA	14% MINIMUM

BITUMINOUS CONCRETE PAVEMENT SECTION DETAIL (2 / CD501)
NTS



RECEIVED
JUL 17 2006
DIV. OF OIL, GAS & MINING

TYPICAL AT PAVEMENT MARKINGS (3 / CD501)
NTS

REGISTERED PROFESSIONAL ENGINEER
No. 166365
BRADLEY R. DERRICK
STATE OF UTAH
12 July 2006

REVISION	
DATE	BY

Canyon Fuel Company, LLC
Soldier Canyon & Dugout Canyon Mines

PLATE 2
REFUSE PILE ACCESS ROAD PROFILE AND DETAILS

Soldier Canyon Mine

DRAWN BY: SWF	DATE: MAY 1997	SCALE: AS SHOWN
APPROVED BY: VSM	FILE NAME: G:\UCB01\17\RA5-5.DWG\ 06-06-06	DRAWING OR MAP NUMBER RA 5-5A