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4	SP-03	TRAFFIC SIGNALIZATION PLAN MD 198 AT OLD COLUMBIA PIKE
5	SP-04	GENERAL NOTES AND PROPOSAL ITEMS MD 198 AT OLD COLUMBIA PIKE
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10	ITS-03	CABINET AND FOUNDATION DETAILS
11	ITS-04	HANDHOLE DETAILS
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20	IP-06	SIGNAL INTERCONNECT PLAN

NOTE:
CONTRACTOR IS TO NOTIFY TRANSIT AGENCIES 3 WEEKS PRIOR TO CLOSING ANY SHOULDER ON US 29.

SEDIMENT AND EROSION CONTROL WILL BE STRICTLY ENFORCED

OFF-SITE UTILITY WORK

SEDIMENT CONTROL FOR UTILITY CONSTRUCTION IN AREAS OUTSIDE OF DESIGNED CONTROLS SHALL FOLLOW THESE ADDITIONAL BEST MANAGEMENT PRACTICES:

(a) CALL "MISS UTILITY" AT 1-800-257-7777 48 HOURS PRIOR TO THE START OF WORK.
(b) EXCAVATED MATERIAL SHALL BE PLACED ON THE HIGH SIDE OF THE TRENCH.
(c) TRENCHES FOR UTILITY INSTALLATIONS SHALL BE BACKFILLED, COMPACTED AND STABILIZED AT THE END OF EACH WORKING DAY WHEN THIS IS NOT POSSIBLE, THE AREA SHALL CONFORM TO (d).
(d) TEMPORARY SILT FENCES SHALL BE PLACED IMMEDIATELY DOWNSTREAM OF ANY DISTURBED AREA INTENDED TO REMAIN DISTURBED FOR MORE THAN ONE DAY.

HORIZONTAL DATUM	NAD 83 /91
VERTICAL DATUM	NAVD 88

CONVENTIONAL SIGNS

INLET PROTECTION — I.P.
SILT FENCE — SF
LIMIT OF DISTURBANCE — LOD
DRAINAGE AREA BOUNDARY
EXISTING SIGN — o
LIMIT OF GRADING, CUT — C
FILL — F
PROPOSED MEDIAN BARRIER
ELECTRICAL HAND BOX - SIGNALS — H.B.
BURIED UTILITY LINES & NO. OF CABLES — 18-4" TEL.
STATE, COUNTY OR CITY LINES
PROPOSED TRAFFIC BARRIER
EXISTING TRAFFIC BARRIER
FENCE LINE — X — X
TIMBER FENCE LINE — o — o
RIGHT OF WAY LINE
EXISTING ROADWAY
RAILROAD
BASE OR SURVEY LINE
FIRE HYDRANT — F.H.

SOIL BORING — B-1
REMOVAL OF EXISTING PAVEMENT
PROPOSED GRINDING, WEDGE AND LEVEL (AS REQ'D.) & RESURFACING HMA PAVEMENT
PROPOSED WEDGE AND LEVEL (AS REQ'D.) & RESURFACING HMA PAVEMENT
PROPOSED FULL DEPTH HMA PVMT
PROPOSED P.C.C. SIDEWALK, DRIVEWAY ENTRANCES AND SIDEWALK RAMPS
PROPOSED GRINDING & RESURFACING HMA PAVEMENT
PROPOSED RESURFACING HMA PAVEMENT
PROPOSED CULVERT
EXISTING CULVERT
EXISTING DROP INLET
UTILITY POLE
WETLANDS
HEDGE
EXISTING GROUND ELEVATION — (P.\G.E.) — DATUM LINE 1134
PROPOSED GRADE ELEVATION — (P.G.E.) — DATUM LINE 1122

Maryland Department of Transportation

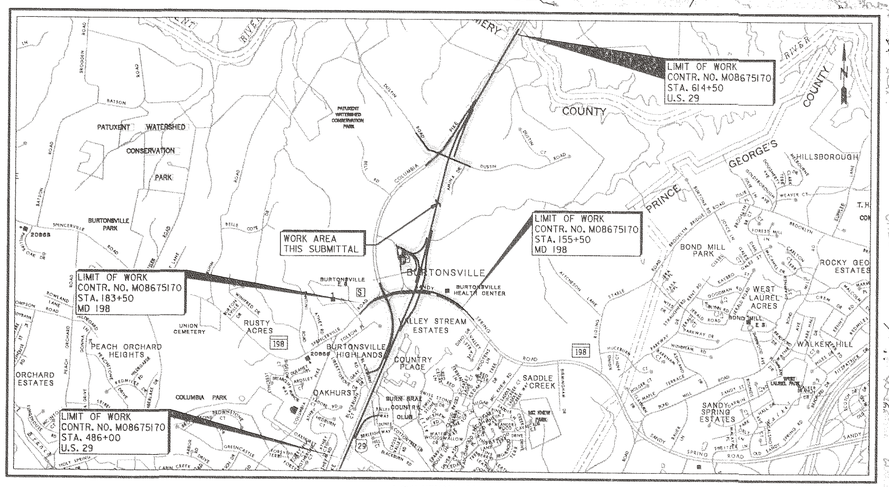
STATE HIGHWAY ADMINISTRATION

PLANS OF PROPOSED HIGHWAY

U.S. 29 RELOCATION AND INTERCHANGE IMPROVEMENTS FROM SOUTH OF BLACKBURN RD. TO NORTH OF DUSTIN RD.

PROJECT NO. MO8675170 F.A.P. NO. AC-NH-G-109-I(45)N

APPROXIMATE PROJECT LENGTH: 2.43 MILES



LOCATION MAP
MONTGOMERY COUNTY
SCALE: 1" = 2000'
2000 0 2000 4000

DESIGN DESIGNATION				
ROADWAY	U.S. 29		MD. 198	
CONTROLS/YEARS	1999	2020	1996	2020
AVERAGE DAILY TRAFFIC (A.D.T.)	54,000	111,900	35,800	60,700
DESIGN HOURLY VOLUME (D.H.V.)	4,860	8,952	3,580	6,070
DIRECTIONAL DISTRIBUTION	77%	77%	59%	59%
% TRUCKS-A.D.T.	3%	3%	8%	8%
% TRUCKS D.H.V.	5%	5%	5%	5%
DESIGN SPEED	60 MPH		40\50 MPH	
FUNCTIONAL CLASSIFICATION	FREEWAY		ARTERIAL	
CONTROL OF ACCESS	FULL		NONE	
INTENSITY OF DEVELOPMENT	URBAN		URBAN	
TERRAIN	ROLLING		ROLLING	
ANTICIPATED POSTED SPEED	55 MPH		30\45 MPH	

STANDARD SPECIFICATIONS BOOK, BOOK OF STANDARDS AND MUTCD

ALL WORK ON THIS PROJECT SHALL CONFORM TO THE MARYLAND DEPARTMENT OF TRANSPORTATION, STATE HIGHWAY ADMINISTRATION'S SPECIFICATIONS ENTITLED STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS DATED OCTOBER 1993 AND THE COMPANION MANUAL ENTITLED GENERAL PROVISIONS FOR CONSTRUCTION CONTRACTS REVISIONS THEREOF OR ADDITIONS THERETO. THE SPECIAL PROVISIONS INCLUDED IN THE INVITATION FOR BIDS BOOK, THE ADMINISTRATIONS BOOK OF STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES, THE LATEST MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD); AND THE MARYLAND SUPPLEMENT TO THE (MUTCD).

RIGHT OF WAY

RIGHT OF WAY AND EASEMENT LINES SHOWN ON THESE PLANS ARE FOR ASSISTANCE IN INTERPRETING THE PLANS. THEY ARE NOT OFFICIAL FOR OFFICIAL FEE RIGHT OF WAY AND EASEMENT INFORMATION, SEE APPROPRIATE RIGHT OF WAY PLATS.

UTILITIES

THE LOCATION OF UTILITIES SHOWN ON THE PLANS ARE FOR INFORMATION AND GUIDANCE ONLY. NO GUARANTEE IS MADE OF THE ACCURACY OF SAID LOCATIONS.

CONTRACTOR IS TO MAINTAIN A MINIMUM COVER OF 3 FEET OVER THE WSSC EXISTING WATER MAIN AT ALL TIMES.

ENVIRONMENTAL INFORMATION

MDE # 01 - SF - 0116

ALL STORMWATER MANAGEMENT FACILITIES CONSTRUCTED FOR CONTRACT NO MO8675170 SHALL BE INSPECTED BIANNUALLY WITH MAINTENANCE PROVIDED WHEN REQUIRED. SEDIMENT AND EROSION CONTROL REGULATIONS WILL BE STRICTLY ENFORCED DURING CONSTRUCTION.

OWNERS /DEVELOPERS CERTIFICATION :
I/WE HEREBY CERTIFY THAT ANY CLEARING, GRADING, CONSTRUCTION AND /OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A MARYLAND DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I HEREBY AUTHORIZE THE RIGHT OF ENTRY FOR PERIODIC ON SITE EVALUATION BY STATE OF MARYLAND, DEPARTMENT OF THE ENVIRONMENT, COMPLIANCE INSPECTORS.

STANDARD SOIL STABILIZATION NOTE

"FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN SEVEN (7) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1), AND FOURTEEN DAYS (14) AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE."

THE GRADING LIMITS SHOWN ON THE PLANS ARE NOT TO BE EXCEEDED. ANY CHANGES IN THE GRADING, EROSION AND SEDIMENT CONTROL PLAN, STORMWATER MANAGEMENT FACILITY OR OTHER SEGMENT OF THE WORK MUST BE REVIEWED AND APPROVED BY THE MDE, THE OFFICE OF ENVIRONMENTAL DESIGN AND /OR THE OFFICE OF THE CHIEF ENGINEER.

COMPLETENESS OF DOCUMENTS

THE STATE HIGHWAY ADMINISTRATION SHALL ONLY BE RESPONSIBLE FOR THE COMPLETENESS OF DOCUMENTS OBTAINED DIRECTLY FROM THE STATE HIGHWAY ADMINISTRATION'S CASHIER'S OFFICE. FAILURE TO ATTACH ADDENDA MAY CAUSE THE BID TO BE IRREGULAR.

ELDERLY AND HANDICAPPED FACILITIES

THE DESIGN OF THIS PROJECT HAS INCORPORATED FACILITIES FOR THE ELDERLY AND HANDICAPPED IN COMPLIANCE WITH STATE AND FEDERAL LEGISLATION.

SUBMITTAL DESCRIPTION - JANUARY 16, 2004

DESCRIPTION OF WORK FOR THIS SUBMITTAL CONSISTS OF THE FOLLOWING:

SUBMITTAL #7B -
SIGNALS, ITS & INTERCONNECT PLANS
US 29, MD 198, DUSTIN ROAD, RAMP BA, RAMP BB, RAMP MA, RAMP MC, RAMP MD, RAMP PA, RAMP PB, RAMP DA, RAMP DB

Bonaventure V. Wachter
MD. Reg. No. 11720

James W. Holls
MD. Reg. No. 17828

R-O-W PLAT NUMBERS
55853, 55977, 90908, 90909, 90969, 91208-91215, 91420, 91509-91511, 91566-91569, 91568, 91569, 91575-91581, 91583, 91584, 91586, 91587, 91668

SURVEY BOOK NUMBERS
ELECTRONIC DATA COLLECTION
25102
25238

REVISIONS

APPROVED FOR CONSTRUCTION

Kenneth Bogt 3/31/04
CHIEF HIGHWAY DESIGN DIVISION

3/30/04
DIRECTOR, OFFICE OF TRAFFIC AND SAFETY

3.24.04
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

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SUBMITTAL 7