

THE STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM (STIP)



FEBRUARY 1995

**WEST VIRGINIA
DEPARTMENT OF TRANSPORTATION
DIVISION OF TRANSPORTATION PLANNING**

**In Cooperation with the U.S. Department of Transportation,
Federal Highway Administration**

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INTRODUCTION

West Virginia's Statewide Transportation Improvement Program (STIP) is designed to meet the requirements outlined in the Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA), and the "Statewide Planning; Metropolitan Planning; Rule (23 CFR Part 450, 49 CFR Part 613)" provided by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA).

PURPOSE

This brief report is intended to give guidance to someone reviewing a proposed STIP during the minimum 45 day public review period.

SCOPE

It will address WHAT is contained in a proposed STIP; what the different "reports" contain; the relationship between the STIP and Metropolitan Planning Organization's (MPO's) Transportation Improvement Program (TIP); what "grouped" projects include; how the document(s) made available for public review differ from the STIP document(s) requesting FTA/FHWA joint review/approval.

DEPTH

The STIP document(s) distributed for public review/comment include:

- A section depicting transit projects to be undertaken with Section 16 or Section 18 federal funds.
- A "Grouped Project Totals" recap. Note that only neutral/exempt phases in non-attainment areas are grouped.
- A listing of FHWA appropriation codes with descriptions.
- A computer print-out identified as HWBSTIPB that contains all ungrouped highway projects that have not yet received federal authorization.

The STIP document(s) distributed for public review/comment include proposed projects in Metropolitan Planning Organization areas only so that a reviewer may see the entire proposed state program in one document; when a finalized STIP is forwarded for joint FHWA/FTA review/approval, only non-MPO projects will be included. MPO projects will be treated differently as later discussed.

METHOD

When reviewing computer print-out HWBSTIPB note that it is divided into Report Number 1 (66 pages) and Report Number 2 (47 pages). Report Number 1 illustrates proposed projects for which full funding can reasonably be anticipated to be available for the project within the time period contemplated for completion of the project. Report Number 2, however, includes projects which are not yet specifically funded; an example of a "Report Number 2" project would be one for which the Congress has expressed its commitment, but for which specific funds have not totally been made available.

FEDERAL REQUIREMENTS FOR THE STIP

The FHWA/FTA Interim Guidance for ISTEA Metropolitan Planning Requirements, dated April 6, 1992, provides that every state must have a project selection process for all projects involving Federal participation, in place by October 1, 1992, pursuant to Title 23 U.S.C. Section 123(h)(3) and (i)(4). The FHWA/FTA Rule for Statewide Planning, dated October 28, 1993, requires that each State develop a Statewide Transportation Improvement Program (STIP) and provides that "after approved by the MPO and the Governor, the TIP shall be included without modification, directly or by reference, in the STIP Program..." (§450.328).

1. STIP Development

- The State shall develop a TIP for all areas of the State.
- The STIP shall be developed in cooperation with MPOs designated for metropolitan areas of the State.
- Interested and affected parties shall be provided a reasonable opportunity to comment on the proposed STIP.

2. Projects Included in the STIP

- The STIP shall include projects within the boundaries of the State which are proposed for funding under Title 23 U.S.C. and the Federal Transit Act (FTA).
- Projects must be consistent with the State's long-range transportation plan (after January 1, 1995), the MPO TIPs, Tribal Federal Lands projects (if any), and Federal Lands Highway projects (if any).
- Projects in areas designated as nonattainment under the Clean Air Act are to conform with the State Implementation Plan (SIP), developed pursuant to the Clean Air Act.
- The STIP shall include only those projects or project phases that are anticipated to be fully funded within the time period contemplated for project completion.
- The STIP shall reflect priorities for programming and expenditures, including transportation enhancements.

STIP DEVELOPMENT OVERVIEW

- Section 450.216 of 23 CFR Part 450 requires that:
 - "Each State shall develop a Statewide Transportation Program for all areas of the State."
 - "The portion of the STIP in a metropolitan planning area shall be developed in cooperation with the MPO."
 - "Metropolitan planning area TIPs shall be included without modification in the STIP, directly or by reference, once approved by the MPO and the Governor and after needed conformity findings are made."
 - "The STIP shall...cover a period of not less than 3 years, but at State discretion cover a longer period. If the STIP covers more than 3 years, the projects in the additional years will be considered by the FHWA and the FTA only as informational."
- The STIP, in West Virginia, shall be updated/amended as deemed necessary or desirable by the WVDOT, but generally not more often than quarterly.
- The proposed STIP and/or update/amendment shall be made available for a minimum 45 day public review/comment period. Legal advertisements announcing the availability of such STIP update/amendment are placed in the Charleston daily newspapers (distributed statewide); additionally press releases are mailed to all general circulation newspapers throughout the State.
- Copies of the STIP update/amendment are available for public review at:
 - The WVDOT's headquarters in Charleston (Division of Transportation Planning).
 - The ten regional WVDOH District offices (map enclosed).

- Each Metropolitan Planning Organization (see List of Contacts).
 - Each of the eleven Regional Planning and Development Offices, statewide (map enclosed, see List of Contacts).
 - Each County Court House.
 - Comments should be made in writing and mailed to Charles L. Miller, Secretary, West Virginia Department of Transportation, 1900 Kanawha Boulevard, East, Building 5, Room 109, Charleston, West Virginia 25305-0440.
 - After comments generated by the minimum 45 day review period are addressed, a finalized STIP is prepared and forwarded to the FHWA and the FTA for concurrent review/approval. This STIP covers only non-MPO areas; MPO TIPs are to be "included by reference" once approved by the MPO and the Governor.
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AUTHORITY

Intermodal Surface Transportation Efficiency Act of 1991.

GUIDANCE

In addition to the above, information from the following sources will be used:

- U.S. Department of Transportation "Statewide Planning; Metropolitan Planning; Rule"
- The Transportation Improvement Programs for each Metropolitan Planning Organization in West Virginia
- Interim Statewide Transportation Plan

- Official Statewide Transportation Plan (when adopted)
 - Local Government Comprehensive and/or Transportation Plan(s)
-

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION ORGANIZATION

(SEE APPENDIX A FOR TABLE OF ORGANIZATION)

The West Virginia Department of Transportation (WVDOT) is a decentralized agency consisting of a Central Office (with Aeronautics Commission; Port Authority; Parkways, Economic Development and Tourism Authority; and Divisions of Highways, Motor Vehicles, Public Transit, Transportation Finance and Transportation Planning) in Charleston, and State Rail Authority located in Moorefield. The STIP addresses only projects programmed with Federal dollars initiated by the Divisions of Highways and/or Public Transit.

HOW TO "READ" STIP

- **TRANSIT SECTION:** Included are all public transit projects presently identified that will use Section 16 or Section 18 Federal Transit Administration funds.
- **"HIGHWAYS" SECTION:** Included are all (MPO and Non-MPO) projects that are not yet federally authorized, for the time period covered.
 - "Grouped" projects. ISTEA specifically allows certain projects to be "grouped" (not individually listed). Included as Appendix C is a decision tree that illustrates how it is decided to "group", or to list individually, a proposed project.

- Computer print-outs, by fiscal year, of projects not yet federally authorized. Refer to the SAMPLE Sheet (Appendix D).
 1. County ("KANA"). For multi-county projects, "Federal Amounts" appear only in first county (alphabetically).
 2. Route Number. (If on a route); shows Interstate, US, WV or County Route Number ("CO 060/72").
 3. Street/Road/Bridge Name ("Williams Road").
 4. Location ("0.02 mi S US60"), Type of Work ("INST RR SIG"), State Project Number ("U320-60/72-0.02 00") and Federal Project Number ("STPG-6072(001)EQ").
 5. Length of Project (where applicable); phase identified (i.e., Right-of-Way, Construction, Engineering, etc.); projected date of Authorization; "X" or "M" identifies projects that have not yet undergone public review; "C" represents projects that have previously undergone public review but have not yet received federal authorization.
 6. Total Cost of Project ("\$77,000"); Type of federal funds ("33X") (see Appendix D for listing of FHWA Appropriation Codes); and amount of federal funds ("\$77,000") to be authorized.
- See also HELP LIST GUIDE following SAMPLE in Appendix D for more "How to Read" information.

LIST OF CONTACTS

WVDOT:

	<u>Telephone</u>
Secretary of Transportation, Charles L. Miller	304-558-0444
State Highway Engineer/Commissioner, Fred VanKirk	304-558-3505
Director, Division of Public Transit, Susan O'Connell	304-558-0428
Director, Division of Transportation Planning, Paul Wilkinson	304-558-3113
Director, DOH, Programming Division, John Welch	304-558-3103

MPOs

Michele P. Craig, Huntington, WV	304-523-7434
John Romano, Charleston, WV	304-345-8191
Suzann Slyman Gad, AICP, Steubenville, OH	614-282-3685
William Phipps, Wheeling, WV	304-242-1800
Randy Durst, Parkersburg, WV	304-422-4993

REGIONAL PLANNING AND DEVELOPMENT COUNCILS

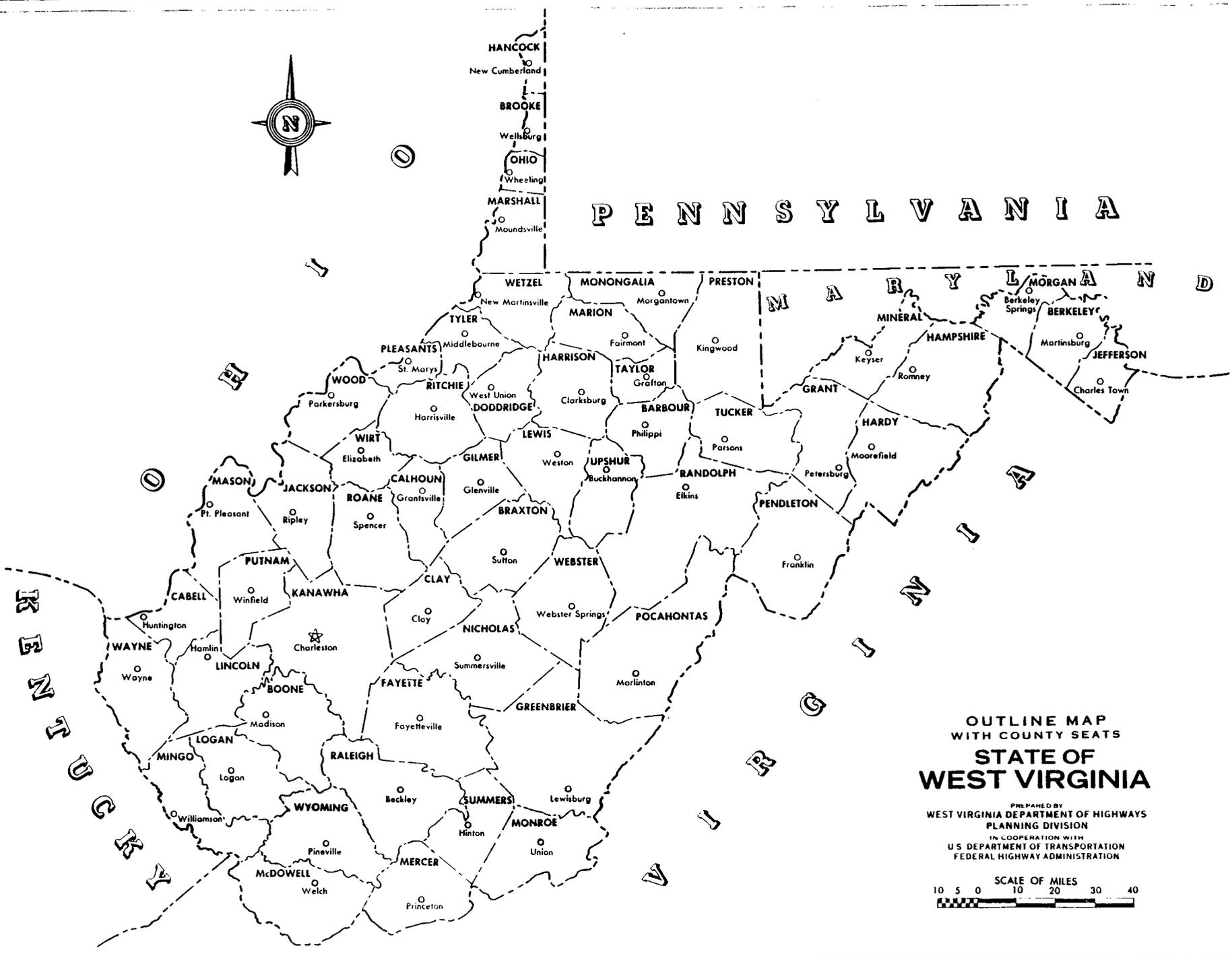
Region I, Norman L. Kirkham, Princeton, WV	304-425-9508
Region II, Michele P. Craig, Huntington, WV	304-529-3357
Region III, John Romano, Charleston, WV	304-345-8191
Region IV, W. D. Smith, Summersville, WV	304-872-4970
Region V, James P. Mylott, Parkersburg, WV	304-422-4993
Region VI, Richard Wood, Fairmont, WV	304-366-5693
Region VII, Robert Coit, Buckhannon, WV	304-472-6564
Region VIII, Kenneth Dyche, Petersburg, WV	304-257-2448
Region IX, Kenneth Green, Martinsburg, WV	304-263-1743
Region X, William Phipps, Wheeling, WV	304-242-1800
Region XI, Suzann Slyman Gad, AICP, Steubenville, OH	614-282-3685

DIVISION OF HIGHWAYS DISTRICT OFFICES

District 1 Engineer, Carl Thompson, Charleston, WV	304-558-3001
District 2 Engineer, Sam Beverage, Huntington, WV	304-528-5625
District 3 Engineer, Robert Epler, Parkersburg, WV	304-420-4645
District 4 Engineer, Harry R. Carr, Jr., Clarksburg, WV	304-842-1500
District 5 Engineer, Gary Klavuhn, Burlington, WV	304-289-3521
District 6 Engineer, James Lagos, Moundsville, WV	304-843-4008
District 7 Engineer, Marvin Murphy, Weston, WV	304-269-0414
District 8 Engineer, Tom Staud, Elkins, WV	304-637-0220
District 9 Engineer, J. D. Brackenrich, Ronceverte, WV	304-647-7450
District 10 Engineer, Bruce Leedy, Princeton, WV	304-425-2155

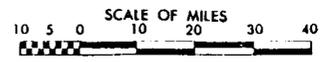


P E N N S Y L V A N I A



**OUTLINE MAP
WITH COUNTY SEATS
STATE OF
WEST VIRGINIA**

PREPARED BY
WEST VIRGINIA DEPARTMENT OF HIGHWAYS
PLANNING DIVISION
IN COOPERATION WITH
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION





P E N N S Y L V A N I A

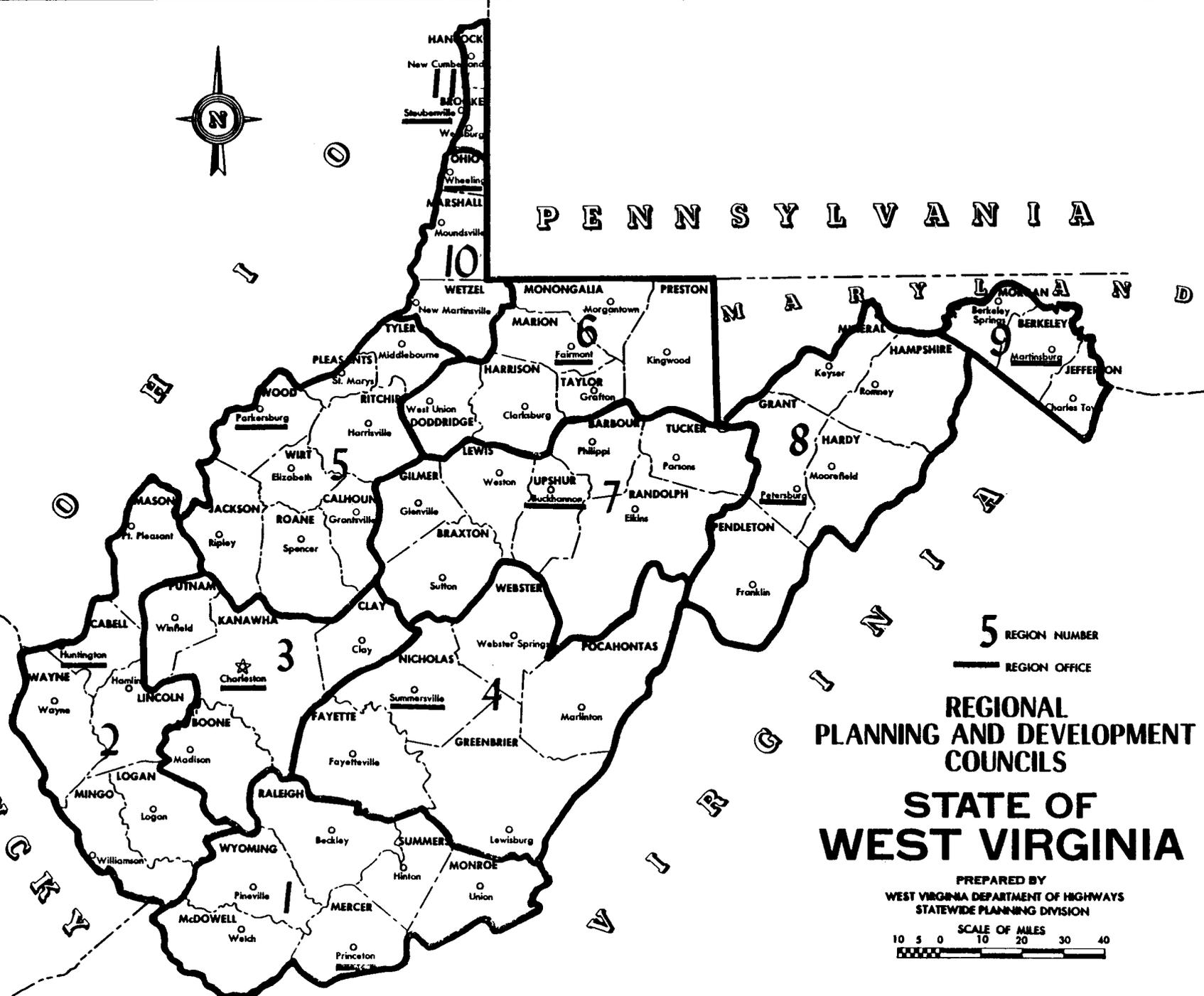
M A R Y L A N D

K E N T U C K Y

G

R

V

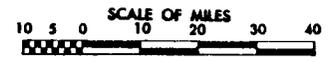


5 REGION NUMBER
REGION OFFICE

REGIONAL PLANNING AND DEVELOPMENT COUNCILS

STATE OF WEST VIRGINIA

PREPARED BY
WEST VIRGINIA DEPARTMENT OF HIGHWAYS
STATEWIDE PLANNING DIVISION



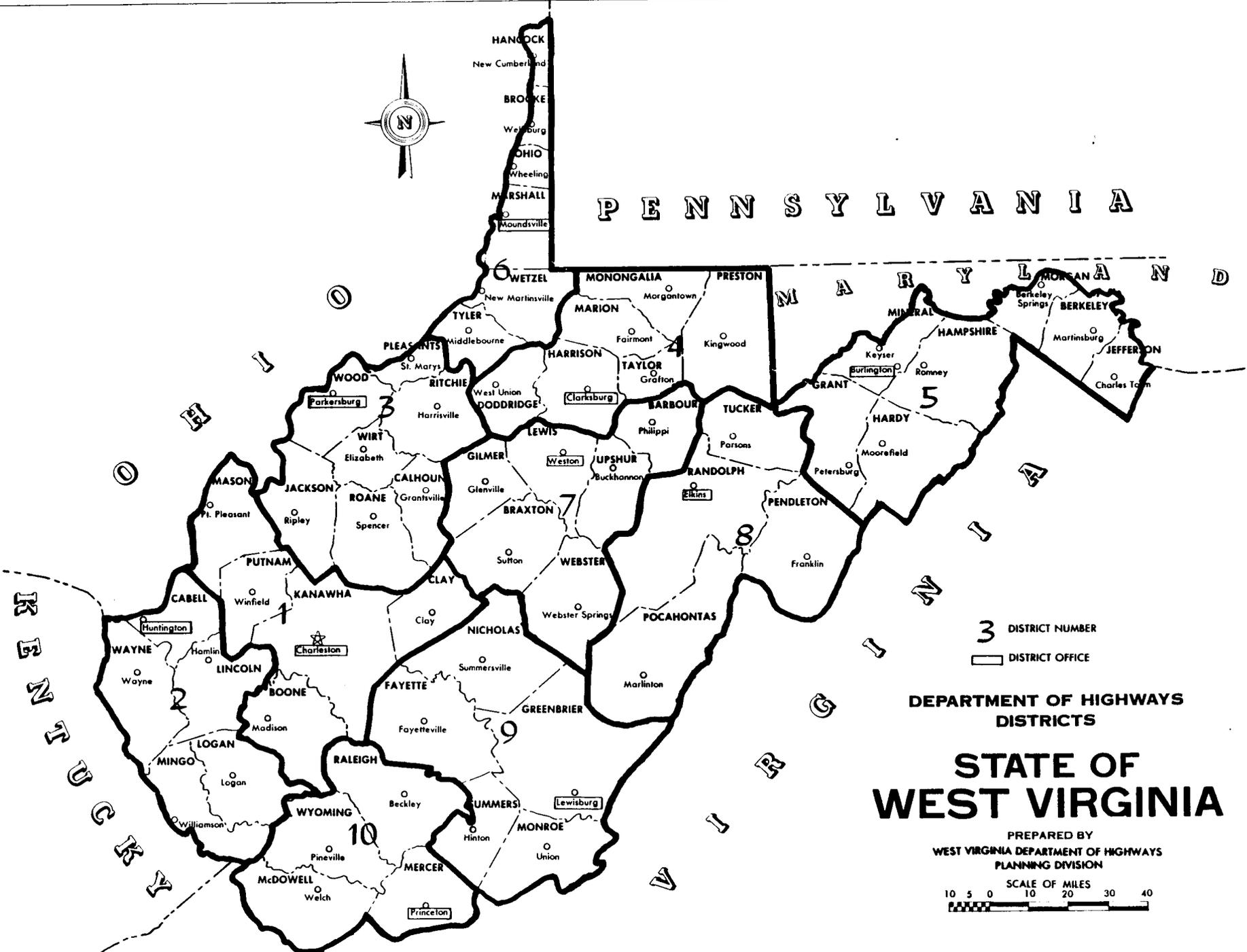


P E N N S Y L V A N I A

M A R Y L A N D

K E N T U C K Y

V I R G I N I A

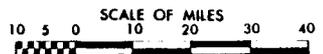


3 DISTRICT NUMBER
□ DISTRICT OFFICE

DEPARTMENT OF HIGHWAYS
DISTRICTS

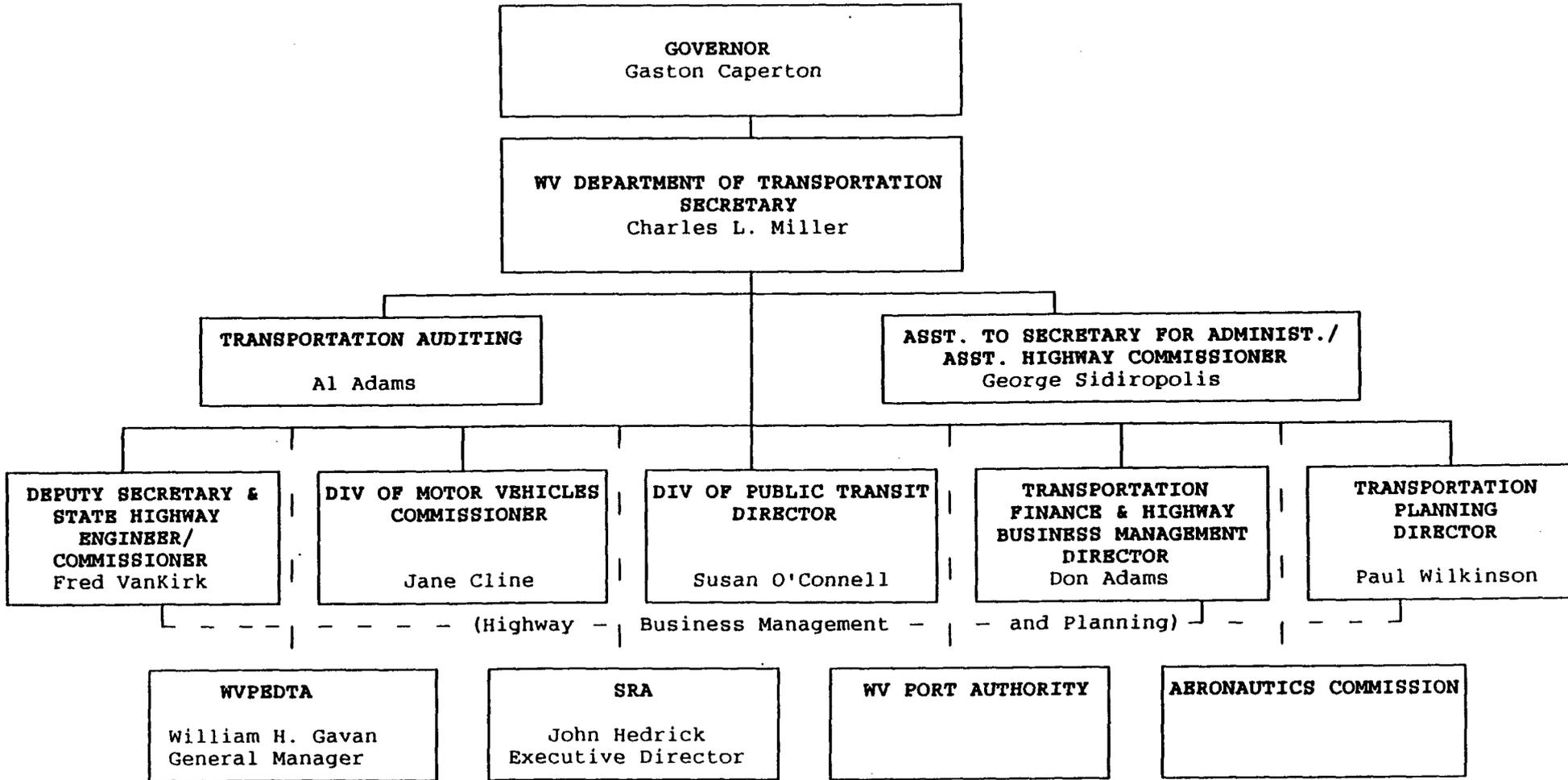
STATE OF WEST VIRGINIA

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PLANNING DIVISION



A P P E N D I X A

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION



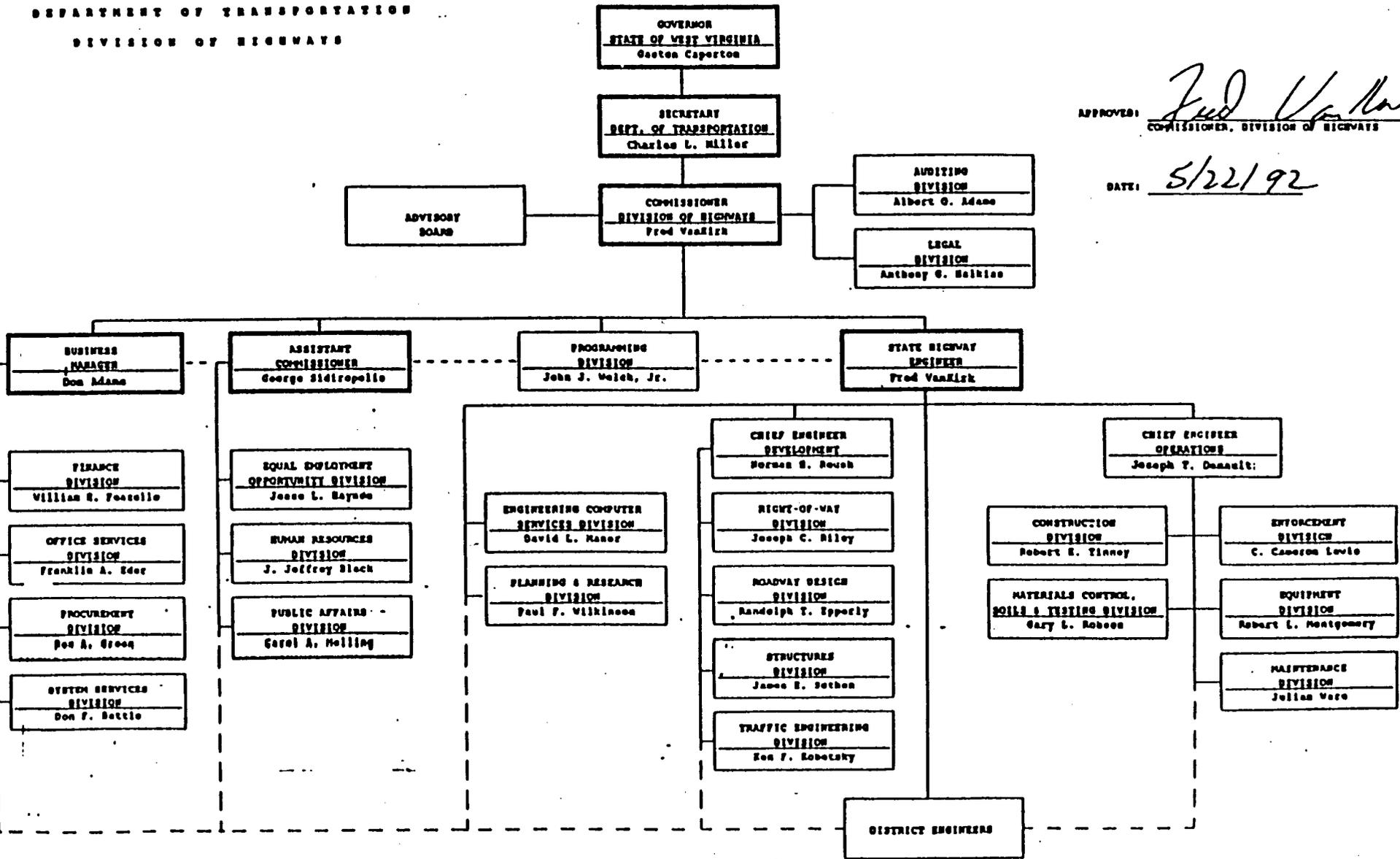
APPROVED:

Charles L. Miller
SECRETARY

REVISED DATE: December 20, 1994
Original Issuance: June 11, 1993

APPENDIX B

DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

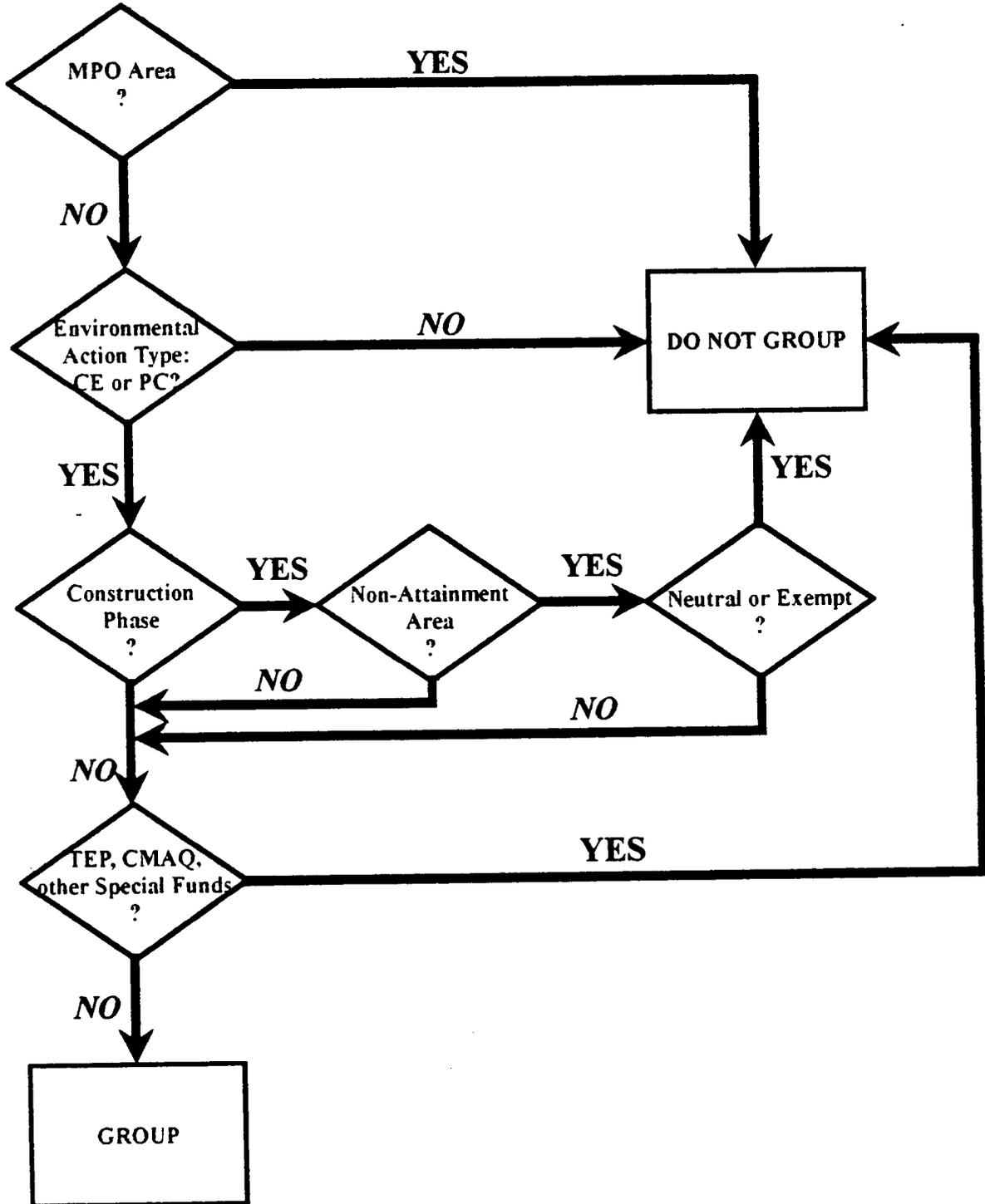


APPROVED: *Fred VanLish*
COMMISSIONER, DIVISION OF HIGHWAYS

DATE: 5/22/92

WV DOT STIP

Project Grouping Process



SOURCE: WV DOT, Division of Highways, Programming Division. *Operations Manual*, Sec 3 - Procedures and Special Instructions

S A M P L E

A P P E N D I X D

S T I P (ALL UNGROUPED PHASES NOT YET AUTHORIZED)
 COUNTY = KANAWHA
 FISCAL YEAR 1996

STATE OF WEST VIRGINIA
 DOT(HIGHWAYS) PROG DIV
 01/03/95 ---- 16:33:23

REPORT NO. 1, PAGE 21
 JOB NAME..... HWPSTIPB
 REPORT DATE... 01/03/95

D			TERMINI (LOCATION)	MILES	FEDERAL FUNDS
CO-----	ROUTE-----	STREET/ROAD/BRIDGE NAME	TYPE OF WORK STATE PROJECT NUMBER FEDERAL PROJECT NUMBER	PHASE AUTHORIZE	TYPE-----AMOUNT
KANA	CO060/72	WILLIAMS RD	CR RR XING, 0.02 MI S US 60 INST RR SIG U320- 60/72- 0.02 00 STPG-6072(001)EQ	0.01 CON 10/00/95 X	77,000' 33X 77,000
(1)	(2)	(3)	(4)	(5)	(6)
KANA	CO060/73	HOSKINS RD	CR RR XING, 0.01 MI S US 60 INST RR SIG U320- 60/73- 0.03 00 STPG-6073(002)EQ	0.01 CON 10/00/95 X	77,000 33X 77,000
KANA	CO060/74	MERCER ROAD	CR RR XING, 0.02 MI S US 60 INST RR SIG U320- 60/74- 0.02 00 STPG-6074(002)EQ	0.01 CON 10/00/95 X	77,000 33X 77,000
KANA	I 064	CROSS LANES I/C BR	HV 622 OVER I-64 AT I/C	0.30	4,000,000 044 0
KANA	WV622	GOFF MT RD	NEW BR & REDECK EX BR U320- 64/ - 47.42 00 NH-0642(076)	CON 01/00/96	04L 0 04M 0 315 3,600,000
KANA	CO064/07	ADKINS LANE	CR RR XING, 0.01 MI S US 60 INST RR SIG U320- 64/ 7- 0.03 00 STPG-0647(001)EQ	0.01 CON 10/00/95 X	77,000 33Y 77,000

TOTAL FISCAL YEAR 1996 \$3,908,000

***** TOTAL KANAWHA \$47,528,000

* FOR MULTI-COUNTY PROJECTS, FEDERAL AMOUNTS SHOWN IN FIRST COUNTY ONLY

STIP Attachment
FHWA Appropriation Codes with Descriptions
(as of 10/21/94)

044	Interstate
047	Interstate
04L	Interstate
04M	Interstate
050	Interstate
075	Rural Secondary
079	Rural Secondary
081	HPR
085	Metro Planning
086	HPR
114	Bridge Replacement/Rehab
117	Bridge Replacement/Rehab
118	Bridge Replacement/Rehab
119	Bridge Replacement/Rehab
11P	Timber Bridge
12C	Minority Bus Enterprises
138	RR Haz Elim
139	RR Prot Devices
141	Hazard Elim
18E	Public Lands
191	Forest Hwy
19A	Forest Hwy
307	Demo Project
309	Demo Project
315	National Highway Sys
31A	National Highway Sys
320	Air Quality
326	IVHS Activity
32A	Air Quality
333	Interim Scenic Byway
33A	Surface Transp Prog
33B	Surface Transp Prog
33D	Surface Transp Prog
33E	Surface Transp Prog
33F	Surface Transp Prog
33K	Heated Br Decks
33M	Surface Transp Prog
33N	Surface Transp Prog
33P	Surface Transp Prog
33R	Surface Transp Prog
33T	Surface Transp Prog
33W	Surface Transp Prog
33X	Surface Transp Prog
33Y	Surface Transp Prog
33Z	Surface Transp Prog
341	Demo Project(s)
361	Demo Project(s)
362	Demo Project(s)
363	Demo Project(s)
365	Demo Project(s)
37K	Thin-Bonded Overlay
37M	All-Weather Pvmnt Mks
384	Nat Rec Trails
387	Heated Bridge Deck
393	Thin-Bonded Overlay
394	All-Weather Pavement Markings
38B	Nat Rec Trails
38C	Nat Rec Trails
3AA	Surface Transportation Prog
3AC	Surface Transportation Prog
3AZ	Air Quality
510	Cor H Impr
519	Demo Project(s)
521	Cor G Impr
528	Demo Project(s)
529	Cor D Impr
530	Weirton Bypass
541	Hwy Studies
547	APD Cor L Improvement
697	Demo Project(s)
76A	Fayette Sta Bridge
795	Appalachian Dev Hwy
796	Appalachian Loc Acc
852	US 52 Needs
8CD	Cor D Needs
8CH	Cor H Needs
8CL	Cor L Needs
8CX	Coalfields Xway Needs
8FS	Fayette Sta Br Needs
8RX	Riverside Xway Needs
999	Undesignated Needs
TBR	Timber Br
X44	Interstate

A P P E N D I X D

**STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
HELP LIST GUIDE**

COUNTY	ROUTE	STREET/ROAD/BRIDGE NAM	TERMINI (LOCATION) TYPE OF WORK STATE PROJECT NUMBER FEDERAL PROJECT NUMBER	MILES PHASE AUTHORIZE	TOTAL COST	FEDERAL FUNDS TYPE-----	AMOUNT*
The county(s) in which the project is located.	The sign system (e.g. West Virginia, US, Interstate, or County) and number on which this project is located.	The name of the road, street, or bridge which is associated with the location of the project.	An approximate location where the project will begin and end. The type of work being done (i.e. installing guardrail, replacing bridge(s), installing signals, etc.). See attached list for additional project abbreviations. The state project number. The federal project number.	The length of the project in miles (where applicable). The phase of the work represented by this project (e.g. construction engineering/design right-of-way, etc.). The date on which the project is to be authorized. Can begin work after this date.	The total cost of this phase of the project.	The federal funds category.	The amount of federal funds provided. Usually on an 80% federal to a 20% state matching ratio. Some exceptions include interstate projects and safety.

For additional abbreviations, see attached sheet.

* For multi-county projects, funds are listed only for the first county listed (i.e. if project was listed for McDowell, Wyoming and Mingo counties, the amount will only be shown for McDowell county).

Abbreviations Used in THE STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM (STIP)

/	- With, Over	MP	- Milepost
ADT	- Average Daily Traffic	NCL	- North Corporation Line
APD	- Appalachian Development Hwy	O/L	- Overlay
ATT	- Attenuators	O/P	- Overpass
BC	- Base Course	PCA	- Partial Controlled Access
C-C	- Curb to Curb	PCB	- Prestressed Concrete Beam
CMP	- Corrugated Metal Pipe	PCC	- Portland Cement Concrete
CON	- Construction	PE	- Preliminary Engineering
COR	- Corridor, correct, correction	PED	- Pedestrian
C&P	- Clean & Paint	P&L	- Patch & Level
CR	- Creek	PYMT	- Pavement
C&S	- Crack & Seal	REM	- Remove, Remaining
CT	- Center Turning	REN	- Renovate, Renovation
DSR	- Damage Survey Report	REP	- Repair
DST	- Double Surface Treatment	REPL	- Replace
ECL	- East Corporation Line	RESTAB	- Restabilize, Restabilization
ENG	- Engineering	RESURF	- Resurface
FAP	- Federal-aid Primary	RT	- Right Turn
FAS	- Federal-aid Secondary	ROW	- Right of way
FCA	- Full Controlled Access	RPM	- Raised Pavement Markers
GDRL	- Guardrail	SCL	- South Corporation Line
GR	- Grade, Guardrail	S&D	- Shoulders&Ditches(Renovate)
HLBC	- Hot Laid Bituminous Concrete	SHL	- Shoulders(Reconstruct)
I/C	- Interchange	SST	- Single Surface Treatment
I/S	- Intersection	STAB	- Stabilize, Stabilization
LMC	- Latex Modified Concrete	SUB	- Substructure
L	- Length	SUPER	- Superstructure
LT	- Left Turn	TST	- Triple Surface Treatment
LWC	- Low Water Crossing	W	- Width
MED	- Median	WCL	- West Corporation Line
MOD	- Modify, Modification	WID	- Widen, Width