

RE: PETITION FOR RECLASSIFICATION, SPECIAL EXCEPTION, AND VARIANCE
E/S of Western Run Road, 2223' N of
Shawan Road - 8th Election District
John M. Franklin - Petitioner
NO. 74-203-RXA (Item No. 23)
BEFORE THE
DEPUTY ZONING
COMMISSIONER
OF
BALTIMORE COUNTY

This Petition represents a request by the Petitioner, Mr. John M. Franklin, to reclassify 2.6 acres of land, more or less, from a D.R. 3.5 Zone to a D.R. 16 Zone, together with requests for a Special Exception for offices and a rear yard setback Variance. The property in question is located on the eastern side of Western Run Road, 2,223 feet north of Shawan Road, borders the Harrisburg Expressway along the rear, and is in the Eighth Election District of Baltimore County.

Mr. William G. Christmas, President, and Mr. William Carter, General Manager, both of the Maryland Horse Breeders Association, testified as Contract Purchasers of the property. Also testifying on behalf of the request were a civil engineer and a realtor, who has specialized as an appraiser and consultant to developers since 1952.

The proposed improvements were described as being a 70 by 71 foot two story split level building that would house a meeting room, library, and offices for the Maryland Horse Breeders Association. Functions within the building would include board meetings with nine or ten board members from various parts of Maryland, including the Eastern shore. Clerical work would involve the keeping of records pertaining to the birth and general history of thoroughbred race horses and the publishing of said histories in various magazines. They emphasized that the printing of the magazines would not take place on the property. The use of the building was estimated to generate not more than six or eight visitors per day with the maximum number of people in the building, at any one time, being twenty people.

same is hereby DENIED. It is also so ORDERED that the Order pertaining to the herein requested Special Exception be withheld pending the filing and disposition of a Special Hearing to determine whether or not facilities and/or offices for the specific use of the Maryland Horse Breeders Association should be GRANTED a Special Exception under the existing D.R. 3.5 zoning classification.

In the event that said Special Hearing is not filed with the Zoning Office within a period of ninety days from the date of this Order, the herein requested Special Exception shall be automatically DENIED.

James S. H.
Deputy Zoning Commissioner of
Baltimore County

A great deal of testimony and exhibits were offered with regard to error in the Comprehensive Zoning Map. They generally felt that the property could not be logically developed under the D.R. 3.5 zoning classification and made reference to several facts which, in their opinion, were overlooked when the Comprehensive Zoning Map was adopted.

The property was described as being sandwiched between Western Run Road and the Harrisburg Expressway, having a depth of only 125 feet at the south end and 211.85 feet at the north end. Development of the long narrow lot was described as being further complicated by the hilly terrain and the fact that it is diagonally bisected from front to rear by an underground gas line. Testimony was also presented with regard to changes in the area with references being made to improvements and widening of Shawan Road and Western Run Road, together with major reconstruction of the interchange at the Baltimore-Harrisburg Expressway and Shawan Road.

Several area residents and members of various community organizations were present in opposition to the Reclassification. Speaking on behalf of the Valley Planning Council was Mr. William Howard Gaskel, III, Director of said Council, which has 500 family members and 1,500 individual members. The boundaries of the Valley Planning Council were described as consisting of the Baltimore Beltway on the south, the Harrisburg Expressway on the east, the Western Maryland Railroad on the west, and Cold Bottom Road on the north. Said boundaries contain a total of 70 square miles. Mr. Cliff Ranson also testified in protest of the request on behalf of the Central Baltimore County Planning Association, which contained a membership of approximately 120 families in the Spring of 1973.

Most of those who testified in protest did not object to the specific use proposed but did vehemently oppose the Reclassification of the subject property on the basis that it would represent a spot zone and could lead to further

changes in the area. They felt that the density units permitted on this supposedly undevelopable tract could be transferred to other portions of the 400 acre Franklin farm, leaving the subject site as a buffer or park area.

The changes in the area, referred to by the Petitioners, did not, in their opinion, constitute a major change in the neighborhood and/or were irrelevant, having been planned prior to the adoption of the Comprehensive Zoning Map.

Without reviewing the evidence and testimony received in detail but based on all such evidence and testimony, including a personal on-site field inspection of the area, it is the opinion of the Deputy Zoning Commissioner that the subject property can be developed under the broad parameters of the density zoning regulations and that a Reclassification to a D.R. 16 Zone would constitute a spot zone in an area that consists, for the most part, of unimproved farm land. By the same token, road improvements in the area do not represent a substantial change in the character of the neighborhood that would justify changing the property's zoning status. Based on these findings, the Comprehensive Zoning Map must be presumed to be correct and the Petitioner's request for a Reclassification must, therefore, be denied.

With regard to the Special Exception, and more specifically the proposed use of the property, the Deputy Zoning Commissioner is of the opinion that while most types of general office use would be completely out of place at this location, the use, as described during the course of this hearing, appears to be compatible with the surrounding farm country and could act as a transitional use or buffer from the adjoining Harrisburg Expressway. Unfortunately, the use regulations for the D.R. 3.5 Zone do not permit office buildings per se. Office buildings are permitted only by way of a Special Exception in a D.R. 16 Zone.

Notwithstanding these facts, the zoning use regulations pertaining to the existing zoning of the subject property (D.R. 3.5), permit and/or define a farm

as including "...horse breeding, training and stabling;" and an animal boarding place (defined as including the breeding and other care of animals) is also permitted in a D.R. 3.5 Zone by way of a Special Exception hearing, as are veterinarians' offices.

In other words, there appears to be grounds for interpreting the D.R. 3.5 use regulations to permit a specific use of the subject property by the Horse Breeders Association as compared to a general office use, which is not permitted in said D.R. 3.5 Zone. Any such interpretation should be made only after a public hearing to determine whether or not the interpretation and/or use would fall within the confines of the spirit and intent of the Zoning Regulations.

With these facts in mind, the Deputy Zoning Commissioner will hold the granting or denial of the herein requested Special Exception sub curia pending a request for the advertising and posting of the subject property for a Special Hearing in accordance with the powers invested in him by Section 500.7 of the Baltimore County Zoning Regulations.

Section 500.7 - "The said Zoning Commissioner shall have the power to conduct such other hearings and pass such orders thereon as shall, in his discretion, be necessary for the proper enforcement of all zoning regulations, subject to the right of appeal to the County Board of Appeals as hereinafter provided. The power given hereunder shall include the right of any interested person to petition the Zoning Commissioner for a public hearing after advertisement and notice to determine the existence of any purported non-conforming use on any premises or to determine any rights whatsoever of such person in any property in Baltimore County insofar as they are affected by these regulations."

The granting of any such use would require strict compliance with Section 502.1 and would be subject to restrictions and conditions imposed on any such granting as set forth in Section 502.2.

Therefore, IT IS ORDERED by the Deputy Zoning Commissioner of Baltimore County, this 16th day of November, 1974, that the herein requested Reclassification from a D.R. 3.5 Zone to a D.R. 16 Zone be and the

BALTIMORE COUNTY ZONING ADVISORY COMMITTEE

November 30, 1973

W. Lee Harrison, Esq.,
300 W. Joubert Road
Towson, Maryland 21204

RE: Reclassification Petition
Item 23 - 6th Zoning Cycle
John M. Franklin - Petitioner

Dear Mr. Harrison:

The Zoning Advisory Committee has reviewed the plans submitted with the above referenced petition and has made an on site field inspection of the property. The following comments are a result of this review and inspection.

These comments are not intended to indicate the appropriateness of the zoning action requested, but to assure that all parties are made aware of plans or problems with regard to the development plans that may have a bearing on this case. The Director of Planning may file a written report with the Zoning Commissioner with recommendations as to the appropriateness of the requested zoning.

The subject property is located on the east side of Western Run Road, 2,223 feet north of Shawan Road, in the 8th District. This property, which is currently zoned D.R. 3.5, and is directly adjacent to the Harrisburg Expressway immediately to the east, is requesting a Reclassification to D.R. 16 with a Special Exception for an office and office building as well as a rear yard Variance of 45 feet instead of the required 75 feet.

The Variance requested under Section 1802.2 C. is not necessary in that this petition is for a Special Exception for an office building which is an other principal building, and therefore, falls within the Section 1802.2 B. which refers to Comprehensive Design Manual V.B.2, where a 30 foot rear yard is required to have the Variance as indicated is not necessary.

W. Lee Harrison, Esq.
Re: Item 23
6th Zoning Cycle
November 30, 1973

It is indicated that the proposed use of this property would be for a home for the Maryland Horse Breeders Association and would contain their offices, library, etc.

There being no adverse comments with respect to revised site plans, this petition is accepted for filing.

This petition for Reclassification is accepted for filing on the date of the enclosed filing certificate. However, any revisions or corrections to petitions, descriptions, or plans, as may have been requested by this Committee, shall be submitted to this office prior to Monday, December 17, 1973 in order to allow time for final Committee review and advertising. Failure to comply may result in this petition not being scheduled for a hearing. Notice of the hearing date and time, which will be between March 1, 1974 and April 15, 1974 will be forwarded to you well in advance of the date and time.

Very truly yours,

John J. Dillon, Jr.
JOHN J. DILLON, JR., Chairman
Zoning Advisory Committee

JJDjr:JSD
Enclosure

cc: George William Stephens, Jr.
and Associates, Inc.
303 Allegheny Avenue
Towson, Maryland 21204

FEB 23 1974

RE: Petition for Reclassification
Western Run Road near Shawan Road
From Existing DR 3.5 to DR 16
With Special Exception for Offices
Petitioner: John M. Franklin

BEFORE THE ZONING
COMMISSIONER OF
BALTIMORE COUNTY

MEMORANDUM

Now comes John M. Franklin, legal owner of the above captioned property, by W. Lee Harrison, its attorney and in accordance with Bill 72, Section 22, 22 (b) states that the reclassification and special exception requested should be granted and for reasons say:

That the interchange at Shawan Road and I-63 is currently in the process of being improved by the State Roads Commission, (Contract No. B-578-90-472), and part of the improvement of said interchange will be the extension of a 24" water main in an easterly direction, said water main to extend to Western Run Road; that Roland, MacKenzie, developer, is in the process of constructing a sewer through an existing sleeve in I-85: to the MacKenzie south tract, which tract is located directly to the south of the subject property, and by reason of the existing terrain, will facilitate sewer to the subject property that Baltimore County is in the process of approving plans for the widening of all of Beaver Dam Road up to and including its intersection with Shawan Road and such plans include an easement for sewer and water; that development changes are currently taking place in and around the subject property, namely, Broadmoor at Ivy Hill Road as well as several other developments by Roland MacKenzie; that in addition thereto the estate known as Bonnie Blink had been purchased for development purposes; that to the east, thereof, exists the Greater Baltimore Industrial Park and the Hunt Valley Inn; that the entire area surrounding the subject property is in the process of rapid change and development.

W. Lee Harrison
306 W. Joppa Road
Towson, Maryland 21204
823-1200
Attorney for Petitioner

BALTIMORE COUNTY ZONING ADVISORY COMMITTEE

November 27, 1973

COUNTY OFFICE BLDG.
115 N. CHESAPEAKE AVE.
TOWSON, MARYLAND 21204

JOHN J. DILLON, JR.
Chairman

MEMBERS:
BUREAU OF ENGINEERING
DEPARTMENT OF TRAFFIC ENGINEERING
STATE ROADS COMMISSION
BUREAU OF FIRE PREVENTION
HEALTH DEPARTMENT
PROJECT PLANNING
BUILDING DEPARTMENT
BOARD OF EDUCATION
ZONING ADMINISTRATION
INDUSTRIAL DEVELOPMENT

W. Lee Harrison, Esq.
306 W. Joppa Road
Towson, Maryland 21204

RE: Reclassification Petition
Item 23 - 6th Zoning Cycle
John M. Franklin - Petitioner

Dear Mr. Harrison:

The attached comments indicate revised site plans are to be filed by December 17, 1973. Since I have been unable to forward comments as early as I would have liked, I am revising this date to January 17, 1974.

Very truly yours,

John J. Dillon, Jr.
JOHN J. DILLON, JR., Chairman
Zoning Advisory Committee

JJDjr:ljD

Enclosures

Baltimore County, Maryland Department of Public Works COUNTY OFFICE BUILDING TOWSON, MARYLAND 21204

Division of Engineering
ELLSWORTH N. DIVER, P. E. CHIEF

October 29, 1973

Mr. S. Eric DiNenna
Zoning Commissioner
County Office Building
Towson, Maryland 21204

Re: Item #23 (October 1973-April 1974 - Cycle VI)

Property Owner: John M. Franklin
West side of Western Run Rd., 2,223' N. of Shawan Rd.
Existing Zoning: D.R. 3.5
Proposed Zoning: D.R. 16
No. of Acres: 2.624 District: 8th

Dear Mr. DiNenna:

The following comments are furnished in regard to the plat submitted to this office for review by the Zoning Advisory Committee in connection with the subject item.

Highways:

Western Run Road (Turnpike) is an existing public road. While the present agricultural and large rural homesteads are adequately served by this road, improvements will be necessary for either D.R. 3.5 or D.R. 16 zoning. A higher class of highway improvements would be required for D.R. 16.

Storm Drains:

The Petitioner must provide necessary drainage facilities (temporary or permanent) to prevent creating any nuisances or damages to adjacent properties, especially by the concentration of surface waters. Correction of any problems which may result, due to improper grading or improper installation of drainage facilities, would be the full responsibility of the Petitioner.

The northwest corner of this site may be affected by drainage from Western Run Road and an area to the west.

Sediment Control:

Development of this property through stripping, grading and stabilization could result in a sediment pollution problem, causing private and public holdings downstream of the property. A grading permit is, therefore, necessary for all grading, including the stripping of top soil.

Item #23 (October 1973-April 1974 - Cycle VI)

Property Owner: John M. Franklin
Page 2
October 29, 1973

Water and Sanitary Sewer:

This property is without benefit of public facilities.

The extension of public water and sewerage service to this area within the next 6 to 10 years is contemplated in the Comprehensive Water and Sewer Plans for development at a density of one dwelling unit per acre.

Very truly yours,

Ellsworth N. Diver
ELLSWORTH N. DIVER, P.E.
Chief, Bureau of Engineering

ELD:RAM:CKH:as

190 Topo
7-NE Key Sheet

BALTIMORE COUNTY, MARYLAND JEFFERSON BUILDING TOWSON, MARYLAND 21204



DEPARTMENT OF TRAFFIC ENGINEERING

EUGENE J. CLIFFORD, P.E.
Wm. T. MILLER
DEPUTY TRAFFIC ENGINEER

October 25, 1973

Mr. S. Eric DiNenna
County Office Building
Towson, Maryland 21204

Re: Item 23 - October 1973 to April 1974 - Cycle Zoning VI

Property Owner: John M. Franklin
West side of Western Run Road, 2223 feet, more or less, north of Shawan Road
U.R. 16, special exception for offices and office building. Petition for Variance from Section 1802.2.C rear yard District 8

Dear Mr. DiNenna:

Western Run Road is not adequate to handle office development, nor has the road system west of the Harrisburg Expressway developed to such an extent as to provide access to anything other than DR 3.5 land.

Very truly yours,

William T. Miller
C. Richard Moore
Assistant Traffic Engineer

CRN/pk



Maryland Department of Transportation

State Highway Administration

Harry R. Hughes
Secretary
Bernard M. Evans
Administrator

October 1, 1973

Mr. S. Eric DiNenna
Zoning Commissioner
County Office Building
Towson, Maryland 21204

Attention: Mr. John J. Dillon

Dear Mr. DiNenna:

With the provision of adequate storm drains the subject proposal should have no adverse effects on the State Highway.

Very truly yours,

Charles Lee, Chief
Bureau of Engineering
Access Permits

John E. Meyers
by: John E. Meyers

CLJ:EMk

Baltimore County Fire Department

J. Austin Jeltz
Chief



Towson, Maryland 21204

833-7310

Office of Planning and Zoning
Baltimore County Office Building
Towson, Maryland 21204

Attention: Mr. Jack Dillon, Chairman
Zoning Advisory Committee

Re: Property Owner: John M. Franklin

Location: W of Western Run, 2223 feet N of Shawan Road

Item No. (No Number shown) Zoning Agenda Tuesday, September 25, 1973

Gentlemen:

Pursuant to your request, the referenced property has been surveyed by this Bureau and the comments below marked with an "x" are applicable and required to be corrected or incorporated into the final plans for the property.

1. Fire hydrants for the referenced property are required and shall be located at intervals of 100 feet along an approved road in accordance with Baltimore County Standards as published by the Department of Public Works.
2. A second means of vehicle access is required for the site.
3. The vehicle dead-end condition shown at _____

4. The site shall be made to comply with all applicable parts of the Fire Prevention Code prior to occupancy or beginning of operations.
5. The buildings and structures existing or proposed on the site shall comply with all applicable requirements of the National Fire Protection Association Standard No. 101: "The Life Safety Code", 1970 Edition prior to occupancy.
6. Site plans are approved as drawn.
7. The Fire Prevention Bureau has no comments at this time.

Reviewed: H. J. Kelly Noted and Approved: _____
Planning Group Deputy Chief
Special Inspection Division Fire Prevention Bureau

mls
4/16/73

BALTIMORE COUNTY, MARYLAND DEPARTMENT OF HEALTH



JEFFERSON BUILDING
TOWSON, MARYLAND 21204

September 28, 1973

DONALD J. ROOF, M.D., M.P.H.
DEPUTY STATE AND COUNTY HEALTH OFFICER

Mr. S. Eric DiNenna, Zoning Commissioner
Office of Planning and Zoning
County Office Building
Towson, Maryland 21204

Dear Mr. DiNenna:

Comments on Item for Reclassification, Zoning Advisory Committee Meeting, September 25, 1973, are as follows:

Property Owner: John M. Franklin
Location: W of Western Run, 2223 N of Shawan Road
Present Zoning: D.R. 35
Proposed Zoning: Variance to permit a rear yard setback of 45' instead of the required 75'
District: 8
No. Acres: 2.624

Complete soil evaluation must be conducted and approved; water well must be drilled and meet Health Department requirements prior to issuance of building permit.

Very truly yours,

Thomas H. Davlin
THOMAS H. DAVLIN, Director
BUREAU OF ENVIRONMENTAL SERVICES

HVB:wnp



November 16, 1973

Mr. S. Eric Dinenna, Zoning Commissioner
Zoning Advisory Committee
Office of Planning and Zoning
Baltimore County Office Building
Towson, Maryland 21204

Dear Mr. Dinenna:

Comments on Item #23, VI Zoning Cycle, October 1973, to April 1974, are as follows:

Property Owner: John M. Franklin
Location: West side of Western Run Road 2223, feet, more or less, North of Shawan Road
Present Zoning: D.R. 3.5
Proposed Zoning: D.R. 16, with Special Exception for Offices and Office Building Petition
for Variance from Section 1802.2-C-Rear Yard
District: 8th
No. Acres: 2.624

This plan has been reviewed and there are no site planning factors requiring comment.

Very truly yours,
John I. Wimbley
John I. Wimbley
Planning Specialist II
Project & Development Planning Division

BALTIMORE COUNTY OFFICE OF PLANNING AND ZONING
SUITE 301 JEFFERSON BUILDING 105 WEST CHESTER AVE. TOWSON, MARYLAND 21204
TELEPHONE 731 PLANNING 424-3211 ZONING 424-3211

BOARD OF EDUCATION OF BALTIMORE COUNTY

TOWSON, MARYLAND - 21204

Date: September 25, 1973

Mr. S. Eric Dinenna
Zoning Commissioner
County Office Building
Towson, Maryland 21204

Z.A.C. Meeting of: September 25, 1973

Re: Item
Property Owner: John M. Franklin
Location: W. of Western Run, 2223 feet N. of Shawan Road
Present Zoning: D.R. 3.5
Proposed Zoning: Variance to permit a rear yard setback of Forty-Five (45) feet instead of the required Seventy-Five (75) feet.

District: 8
No. Acres: 2.624

Dear Mr. Dinenna:

No bearing on student population.

Very truly yours,
W. Mick Petrovich
W. Mick Petrovich
Field Representative

WMP/sil

H. EMILIE PARKS, JR. HON. CLERK
EUGENE C. HESS, JR. HON. CLERK
MR. ROBERT L. BERRY

MARCUS M. BOTBARI
JOSEPH N. MCDONNAN
ALVIN LORICK
JOSHUA R. WHEELER, SUPERVISOR

T. BAYARD WILLIAMS, JR.
RICHARD W. TRACY, V.M.D.
MR. RICHARD A. HUGHES

FROM THE OFFICE OF
GEORGE WILLIAM STEPHENS, JR. AND ASSOCIATES, INC.
ENGINEERS
P.O. BOX 5628, TOWSON, MARYLAND 21204

Deviation to accompany zoning Petition
for Reclassification from D.R. 3.5 Zone
to D.R. 16 Zone with Special Exception
for Offices for Maryland Horse Breeders Assoc.
Containing 2.624 Acres of Land More or Less

May 15, 1973
Re: 9-17-72

Beginning for the same at a point on the westernmost right of way line of the Baltimore-Harrisburg Expressway at a point distant 2223 feet more or less northerly from the centerline of Shawan Road, measured along the west side of said Expressway, thence from said place of beginning South 85° 55' 46" West 125.99 feet to a point 13 feet east of the centerline of the existing paving of Western Run Road, thence running parallel with and 15 feet easterly from said paving centerline the three following lines viz: North 5° 34' 17" West 42.97 feet, North 4° 32' 59" West 411.07 feet and North 3° 41' 12" West 139.02 feet, thence leaving Western Run Road, South 8° 41' 10" East 28.23 feet and North 86° 18' 48" East 211.85 feet to the western right of way line of the Baltimore-Harrisburg Expressway, thence binding on said right of way line the seven following lines viz: South 6° 14' 59" West 14.54 feet, South 3° 37' 40" West 153.09 feet, South 0° 41' 42" East 52.10 feet, South 4° 09' 21" East 104.98 feet, South 14° 42' 59" West 153.78 feet, South 9° 21' 50" West 102.15 feet and southerly by a curve to the left having a radius of 582.58 feet for the distance of 25.65 feet, said arc being subtended by a chord bearing South 6° 29' 45" West 25.64 feet to the place of beginning.

Containing 2.624 Acres of Land more or less.

CERTIFICATE OF POSTING ZONING DEPARTMENT OF BALTIMORE COUNTY Towson, Maryland

District: 8th Date of Posting: MARCH 2, 1974
Posted for: PETITIONER'S FEEL, RECLASSIFICATION, SPECIAL EXCEPTION, VARIANCE
Petitioner: JOHN M. FRANKLIN
Location of property: E/S of Western Run Rd. 2223' N. of Shawan Rd.
Location of Signs: E/S of Western Run Rd. 2300' +/- N. of Shawan Rd.
Remarks: Thomas E. Boland
Posted by: Thomas E. Boland Date of return: MARCH 8, 1974

CERTIFICATE OF POSTING ZONING DEPARTMENT OF BALTIMORE COUNTY Towson, Maryland

District: 8th Date of Posting: JAN. 11, 1975
Posted for: APPEAL
Petitioner: JOHN M. FRANKLIN
Location of property: E/S of Western Run Rd. 2223' N. of Shawan Rd.
Location of Signs: E/S of Western Run Rd. 2300' +/- N. of Shawan Rd.
Remarks: Thomas E. Boland
Posted by: Thomas E. Boland Date of return: JAN. 12, 1975

PETITION FOR RECLASSIFICATION
SPECIAL EXCEPTION AND
VARIANCE
ON DISTRICT
ZONING FROM D.R. 3.5 to D.R. 16 Zone
Petition for Special Exception
for Offices
Petition for Variance for a Rear
Yard
LOCATION: East side of
Western Run Road 2223 feet, more
or less, North of Shawan Road
DATE & TIME: MONDAY,
MARCH 19, 1974 at 10:00 P.M.
PUBLIC HEARING: Room 106,
County Office Building, 111 W.
Chesapeake Avenue, Towson,
Maryland.
The Zoning Commissioner of
Baltimore County by authority of
the Zoning Act and Regulations of
Baltimore County, will hold a
public hearing.
Present Zoning: D.R. 3.5
Proposed Zoning: D.R. 16
Petition for Variance from the
Zoning Regulations of Baltimore
County to allow a rear yard set-
back of 45 feet instead of the re-
quired 75 feet.
The Zoning Regulations to be
excepted as follows:
Section 1802.2-C is a D.R. 16
zone, no building shall be con-
structed within 75 feet of land
which is or was once classified as
D.R. 16 and which is not within
the same development tract.
All that parcel of land in the
Eighth District of Baltimore County
containing for the same of point
on the westernmost right of way
line of the Baltimore-Harrisburg
Expressway at a point distant 2223
feet northerly from the centerline
of Shawan Road, measured along
the west side of said Expressway,
thence from said place of begin-
ning South 85° 55' 46" West 125.99
feet to a point 13 feet east of the
centerline of the existing paving
of Western Run Road, thence run-
ning parallel with and 15 feet eas-
terly from said paving centerline
the three following lines viz: North
5° 34' 17" West 42.97 feet, North
4° 32' 59" West 411.07 feet and
North 3° 41' 12" West 139.02 feet,
thence leaving Western Run Road,
South 8° 41' 10" East 28.23 feet
and North 86° 18' 48" East 211.85
feet to the western right of way line
of the Baltimore-Harrisburg Ex-
pressway, thence binding on said
right of way line the seven follow-
ing lines viz: South 6° 14' 59" West
14.54 feet, South 3° 37' 40" West
153.09 feet, South 0° 41' 42" East
52.10 feet, South 4° 09' 21" East
104.98 feet, South 14° 42' 59" West
153.78 feet, South 9° 21' 50" West
102.15 feet and southerly by a curve
to the left having a radius of 582.58
feet for the distance of 25.65 feet,
said arc being subtended by a chord
bearing South 6° 29' 45" West 25.64
feet to the place of beginning.
Containing 2.624 Acres of Land
more or less.

THE TOWSON TIMES

TOWSON, MD. 21204 March 4 - 1974

THIS IS TO CERTIFY, that the annexed advertisement was
inserted in THE TOWSON TIMES, a weekly newspaper published
in Baltimore County, Maryland, once a week for one month
week before the 1st day of March 1974 that is to say, the same
was inserted in the issue of February 28, 1974.

STROMBERG PUBLICATIONS, Inc.

By: Ruth Morgan

BALTIMORE COUNTY, MARYLAND
OFFICE OF FINANCE - REVENUE DIVISION
MISCELLANEOUS CASH RECEIPT
No. 17411
DATE December 31, 1974 ACCOUNT 01-652
AMOUNT \$175.00
DISTRIBUTION
WHITE - CASHIER
PINK - AGENCY
YELLOW - CUSTOMER
W. Lee Harrison, Esq.
Cost of Filing of an Appeal and Posting of Property on
Case No. 14-203-RXA (Item No. 23)
E/S of Western Run Road, 2223' N. of Shawan Road - 8th
Election District
John M. Franklin - Petitioner

CERTIFICATE OF PUBLICATION

TOWSON, MD. FEBRUARY 28, 1974

THIS IS TO CERTIFY, that the annexed advertisement was
published in THE JEFFERSONIAN, a weekly newspaper printed
and published in Towson, Baltimore County, Md., containing
one time, once a week, before the 1st day of March 1974,
the first publication
appearing on the 28th day of February
1974.

THE JEFFERSONIAN
By: L. L. Harrison
Manager

Cost of Advertisement, \$.....

BALTIMORE COUNTY, MARYLAND
OFFICE OF FINANCE - REVENUE DIVISION
MISCELLANEOUS CASH RECEIPT
No. 13157
DATE March 18, 1974 ACCOUNT 01-652
AMOUNT \$147.96
DISTRIBUTION
WHITE - CASHIER
PINK - AGENCY
YELLOW - CUSTOMER
Maryland Horse Breeders Assoc., Inc.
W. Lee Harrison, Esq.
306 V. Joyce Road
Towson, Md. 21204
Advertising and posting of property for John M. Franklin
14-203-RXA

PETITION MAPPING PROGRESS SHEET

FUNCTION	Wall Map		Original		Duplicate		Tracing		500 Sheet	
	date	by	date	by	date	by	date	by	date	by
Descriptions checked and outline plotted on map										
Petition number added to outline										
Denied										
Granted by ZC, BA, CC, CA										
Reviewed by: <i>JSB</i>										
Previous case:										
Revised Plans: Change in outline or description										
Map #										

BALTIMORE COUNTY OFFICE OF PLANNING AND ZONING

County Office Building
111 W. Chesapeake Avenue
Towson, Maryland 21204

Your Petition has been received * this 17th day of

Sept. 1973 1972. Item #

S. Eric Dinenna
S. Eric Dinenna
Zoning Commissioner

Petitioner: Franklin Submitted by: Chambers

Petitioner's Attorney: Harrison Reviewed by: JPB

* This is not to be interpreted as acceptance of the Petition for assignment of a hearing date.

BALTIMORE COUNTY OFFICE OF PLANNING AND ZONING

County Office Building
111 W. Chesapeake Avenue
Towson, Maryland 21204

Your Petition has been received and accepted for filing

this 18th day of October 1973

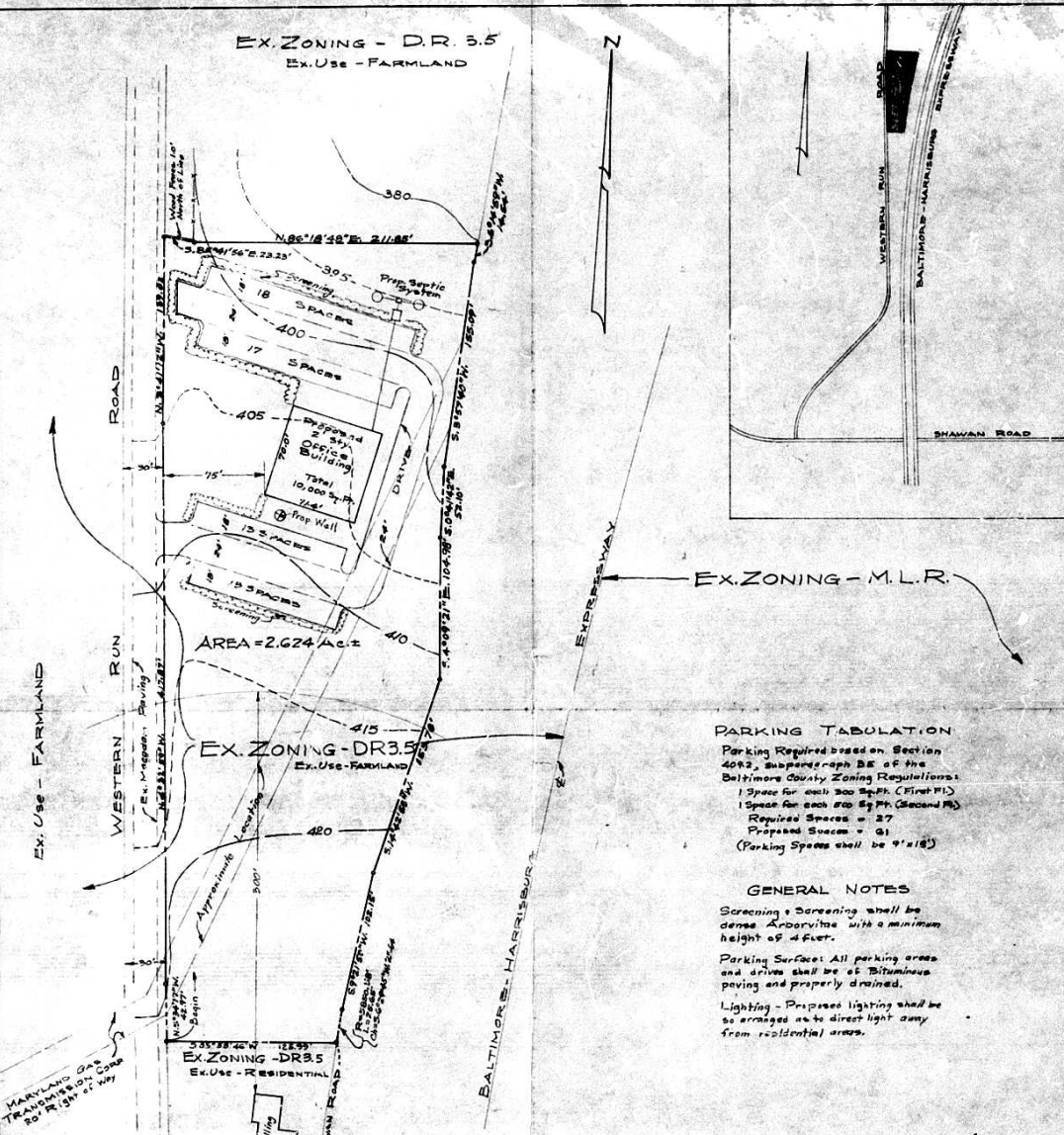
S. Eric Dinenna
S. Eric Dinenna
Zoning Commissioner

Petitioner: John M. Franklin

Petitioner's Attorney: W. Lee Harrison
306 V. Joyce Road
Towson, Maryland 21204

Reviewed by: *John I. Wimbley*
John I. Wimbley
Zoning Advisory Committee

EX. ZONING - DR. 3.5
EX. USE - FARMLAND



EX. ZONING - M.L.R.

PARKING TABULATION
Parking Required based on Section 4092, Subparagraph BE of the Baltimore County Zoning Regulations:
1 Space for each 300 Sq. Ft. (First 10)
1 Space for each 500 Sq. Ft. (Second 10)
Required Spaces = 27
Proposed Spaces = 31
(Parking Spaces shall be 9' x 18')

GENERAL NOTES

Screening & Screening shall be dense Arborvitae with a minimum height of 4 feet.

Parking Surfaces: All parking areas and drives shall be of Bituminous paving and properly drained.

Lighting - Proposed lighting shall be so arranged as to direct light away from residential areas.

PLAT TO ACCOMPANY ZONING PETITION
FOR RECLASSIFICATION
FROM EXISTING DR. 3.5 ZONE TO DR. 16 ZONE
WITH SPECIAL EXCEPTION FOR OFFICES

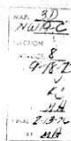
FOR
MARYLAND HORSE BREEDERS ASSOCIATION

BALTO. CO., MD.
SCALE: 1" = 50'

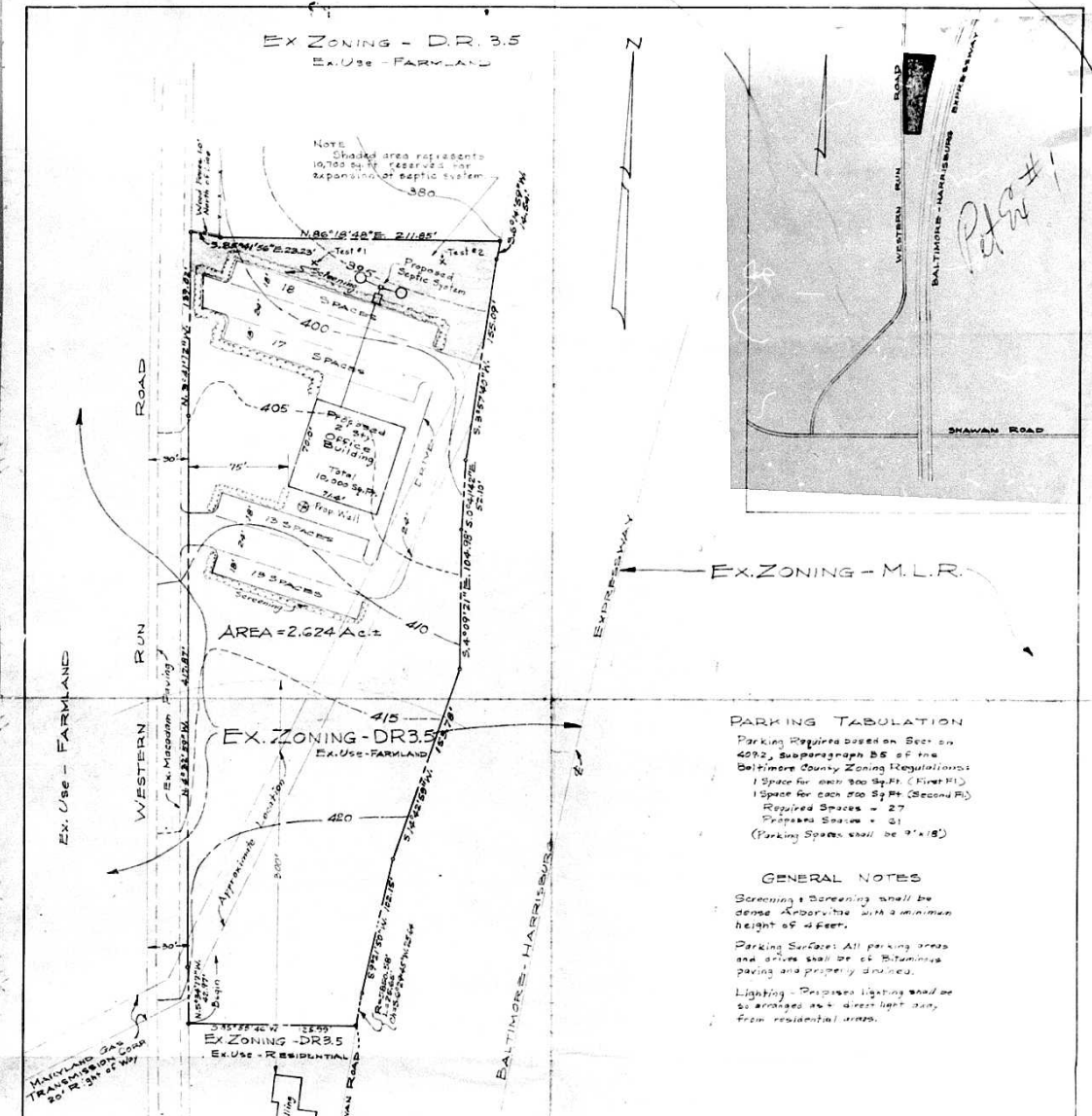
ELECT. DIST. N48
MAY 15, 1973



GEORGE WILLIAM STEPHENS, JR.
AND ASSOCIATES, INC.
ENGINEERS
303 ALLEGHENY AVE.
TOWSON 4, MARYLAND



EX. ZONING - DR. 3.5
EX. USE - FARMLAND



EX. ZONING - M.L.R.

PARKING TABULATION
Parking Required based on Section 4092, Subparagraph BE of the Baltimore County Zoning Regulations:
1 Space for each 300 Sq. Ft. (First 10)
1 Space for each 500 Sq. Ft. (Second 10)
Required Spaces = 27
Proposed Spaces = 31
(Parking Spaces shall be 9' x 18')

GENERAL NOTES

Screening & Screening shall be dense Arborvitae with a minimum height of 4 feet.

Parking Surfaces: All parking areas and drives shall be of Bituminous paving and properly drained.

Lighting - Proposed lighting shall be so arranged as to direct light away from residential areas.

PLAT TO ACCOMPANY ZONING PETITION
FOR RECLASSIFICATION
FROM EXISTING DR. 3.5 ZONE TO DR. 16 ZONE
WITH SPECIAL EXCEPTION FOR OFFICES

FOR
MARYLAND HORSE BREEDERS ASSOCIATION

BALTO. CO., MD.
SCALE: 1" = 50'

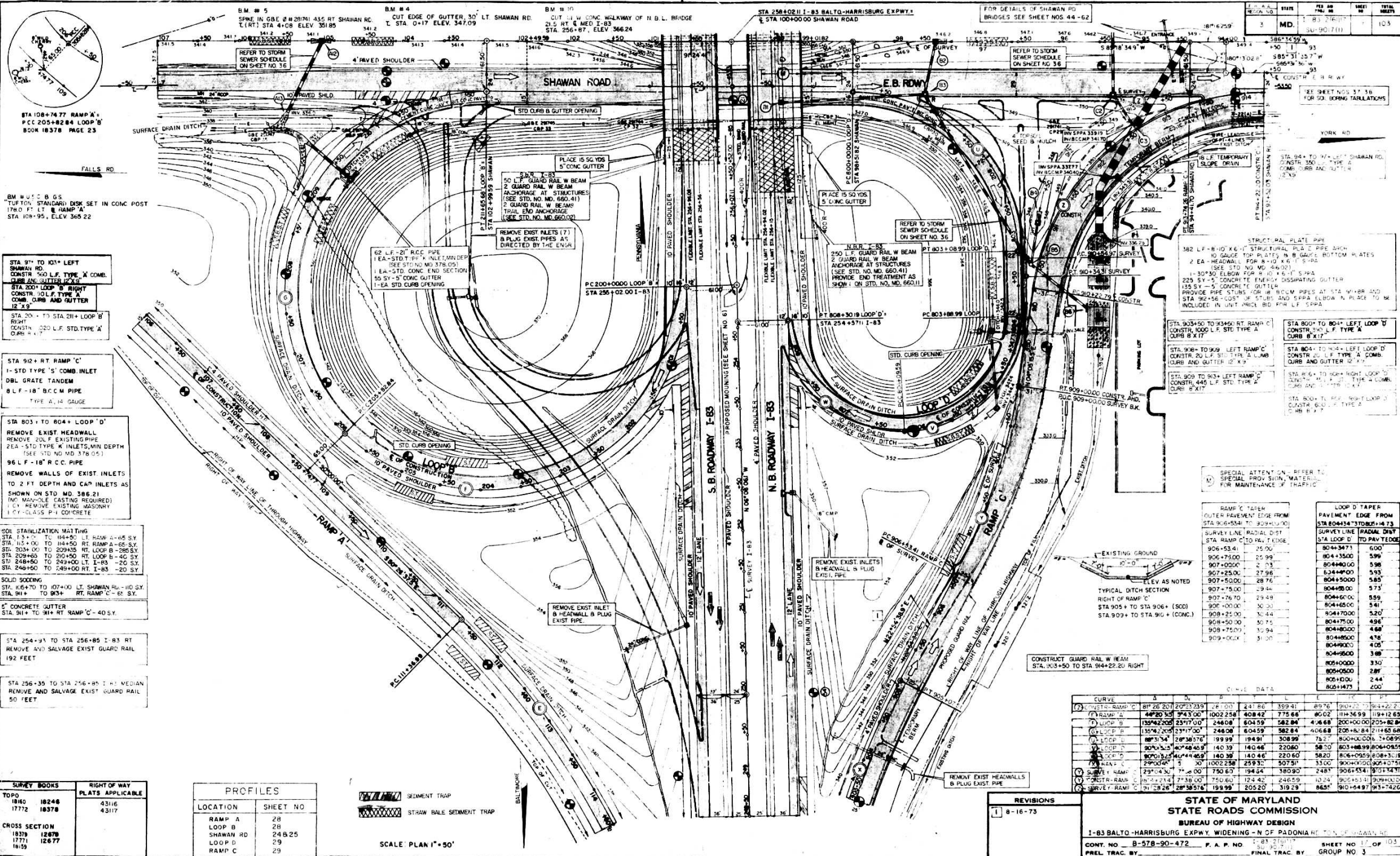
ELECT. DIST. N48
MAY 15, 1973



GEORGE WILLIAM STEPHENS, JR.
AND ASSOCIATES, INC.
ENGINEERS
303 ALLEGHENY AVE.
TOWSON 4, MARYLAND

Revised: 5/15/73 by GWS
For a more complete description of the property, see the plat of the property.





SURVEY BOOKS		RIGHT OF WAY
TOPO		PLATS APPLICABLE
18160	18248	43116
17772	18378	43117
CROSS SECTION		
18379	12678	
17771	12677	
18160		

PROFILES	
LOCATION	SHEET NO
RAMP A	28
LOOP B	28
SHAWAN RD	24&25
LOOP D	29
RAMP C	29

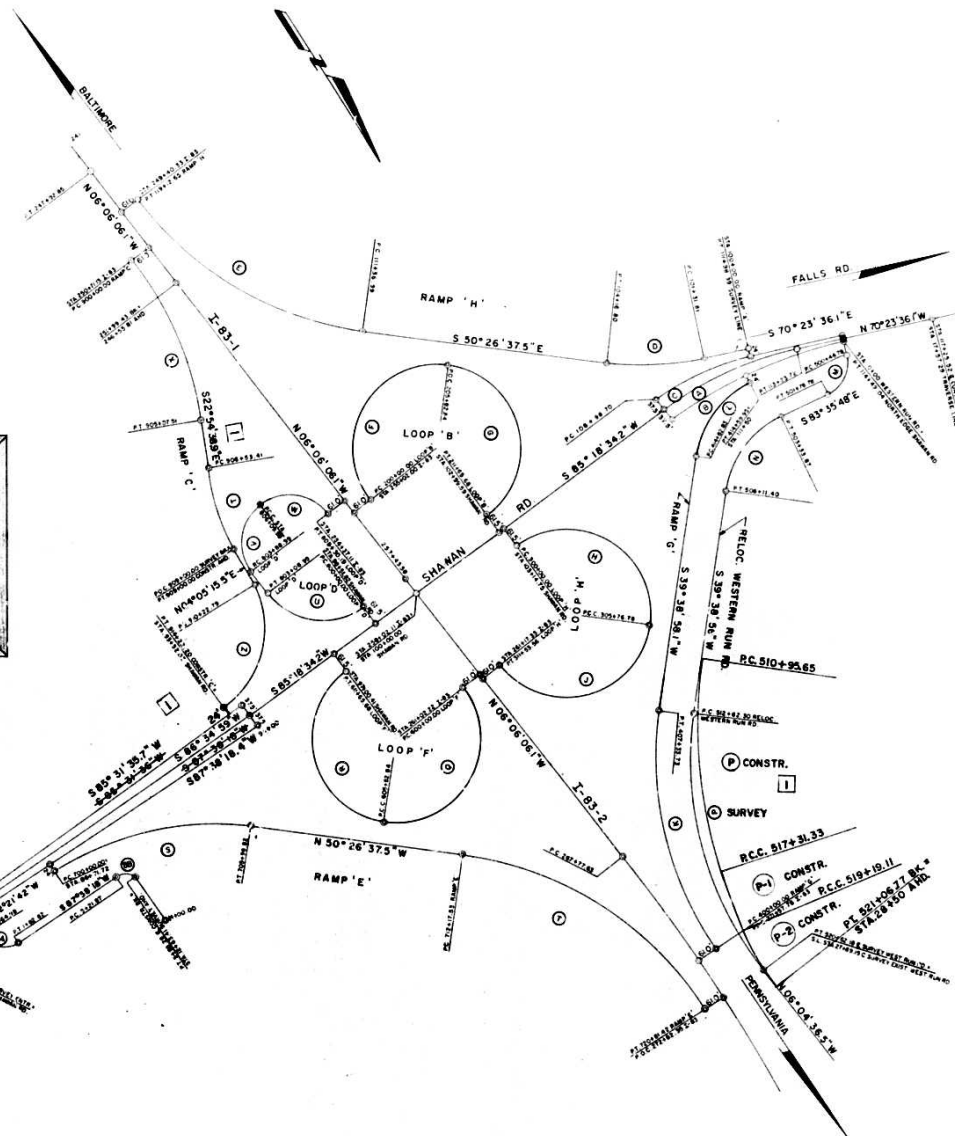
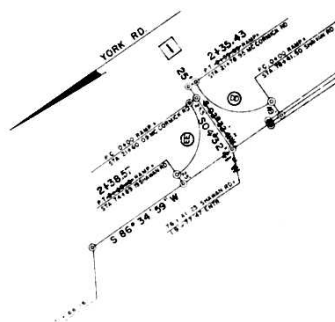
[illegible]

STATE OF MARYLAND			
STATE ROADS COMMISSION			
BUREAU OF HIGHWAY DESIGN			
I-83 BALTO-HARRISBURG EXPWY. WIDENING - N OF PADONIA RD. TO N OF GAITHERSBURG RD.			
CONT. NO.	8-578-90-472	F. A. P. NO.	1-83-21617
PREL. TRAC. BY		FINAL TRAC. BY	SHEET NO. 17 OF 103 GROUP NO. 3

INPUT DATA				PC		PT	
QVE	Δ	PC	PT	PC	PT	PC	PT
S-1	254000	334245	2473285	334245	2473285		
A	247149	334245	2473285	334245	2473285		
B	247149	334245	2473285	334245	2473285		
C	247149	334245	2473285	334245	2473285		
D	247149	334245	2473285	334245	2473285		
E	247149	334245	2473285	334245	2473285		
F	247149	334245	2473285	334245	2473285		
G	247149	334245	2473285	334245	2473285		
H	247149	334245	2473285	334245	2473285		
I	247149	334245	2473285	334245	2473285		
J	247149	334245	2473285	334245	2473285		
K	247149	334245	2473285	334245	2473285		
L	247149	334245	2473285	334245	2473285		
M	247149	334245	2473285	334245	2473285		
N	247149	334245	2473285	334245	2473285		
O	247149	334245	2473285	334245	2473285		
P	247149	334245	2473285	334245	2473285		
Q	247149	334245	2473285	334245	2473285		
R	247149	334245	2473285	334245	2473285		
S	247149	334245	2473285	334245	2473285		
T	247149	334245	2473285	334245	2473285		
U	247149	334245	2473285	334245	2473285		
V	247149	334245	2473285	334245	2473285		
W	247149	334245	2473285	334245	2473285		
X	247149	334245	2473285	334245	2473285		
Y	247149	334245	2473285	334245	2473285		
Z	247149	334245	2473285	334245	2473285		
AA	247149	334245	2473285	334245	2473285		
AB	247149	334245	2473285	334245	2473285		
AC	247149	334245	2473285	334245	2473285		
AD	247149	334245	2473285	334245	2473285		
AE	247149	334245	2473285	334245	2473285		
AF	247149	334245	2473285	334245	2473285		
AG	247149	334245	2473285	334245	2473285		
AH	247149	334245	2473285	334245	2473285		
AI	247149	334245	2473285	334245	2473285		
AJ	247149	334245	2473285	334245	2473285		
AK	247149	334245	2473285	334245	2473285		
AL	247149	334245	2473285	334245	2473285		
AM	247149	334245	2473285	334245	2473285		
AN	247149	334245	2473285	334245	2473285		
AO	247149	334245	2473285	334245	2473285		
AP	247149	334245	2473285	334245	2473285		
AQ	247149	334245	2473285	334245	2473285		
AR	247149	334245	2473285	334245	2473285		
AS	247149	334245	2473285	334245	2473285		
AT	247149	334245	2473285	334245	2473285		
AU	247149	334245	2473285	334245	2473285		
AV	247149	334245	2473285	334245	2473285		
AW	247149	334245	2473285	334245	2473285		
AX	247149	334245	2473285	334245	2473285		
AY	247149	334245	2473285	334245	2473285		
AZ	247149	334245	2473285	334245	2473285		
BA	247149	334245	2473285	334245	2473285		
BB	247149	334245	2473285	334245	2473285		
BC	247149	334245	2473285	334245	2473285		
BD	247149	334245	2473285	334245	2473285		
BE	247149	334245	2473285	334245	2473285		
BF	247149	334245	2473285	334245	2473285		
BG	247149	334245	2473285	334245	2473285		
BH	247149	334245	2473285	334245	2473285		
BI	247149	334245	2473285	334245	2473285		
BJ	247149	334245	2473285	334245	2473285		
BK	247149	334245	2473285	334245	2473285		
BL	247149	334245	2473285	334245	2473285		
BM	247149	334245	2473285	334245	2473285		
BN	247149	334245	2473285	334245	2473285		
BO	247149	334245	2473285	334245	2473285		
BP	247149	334245	2473285	334245	2473285		
BQ	247149	334245	2473285	334245	2473285		
BR	247149	334245	2473285	334245	2473285		
BS	247149	334245	2473285	334245	2473285		
BT	247149	334245	2473285	334245	2473285		
BU	247149	334245	2473285	334245	2473285		
BV	247149	334245	2473285	334245	2473285		
BW	247149	334245	2473285	334245	2473285		
BX	247149	334245	2473285	334245	2473285		
BY	247149	334245	2473285	334245	2473285		
BZ	247149	334245	2473285	334245	2473285		
CA	247149	334245	2473285	334245	2473285		
CB	247149	334245	2473285	334245	2473285		
CC	247149	334245	2473285	334245	2473285		
CD	247149	334245	2473285	334245	2473285		
CE	247149	334245	2473285	334245	2473285		
CF	247149	334245	2473285	334245	2473285		
CG	247149	334245	2473285	334245	2473285		
CH	247149	334245	2473285	334245	2473285		
CI	247149	334245	2473285	334245	2473285		
CJ	247149	334245	2473285	334245	2473285		
CK	247149	334245	2473285	334245	2473285		
CL	247149	334245	2473285	334245	2473285		
CM	247149	334245	2473285	334245	2473285		
CN	247149	334245	2473285	334245	2473285		
CO	247149	334245	2473285	334245	2473285		
CP	247149	334245	2473285	334245	2473285		
CQ	247149	334245	2473285	334245	2473285		
CR	247149	334245	2473285	334245	2473285		
CS	247149	334245	2473285	334245	2473285		
CT	247149	334245	2473285	334245	2473285		
CU	247149	334245	2473285	334245	2473285		
CV	247149	334245	2473285	334245	2473285		
CW	247149	334245	2473285	334245	2473285		
CX	247149	334245	2473285	334245	2473285		
CY	247149	334245	2473285	334245	2473285		
CZ	247149	334245	2473285	334245	2473285		
DA	247149	334245	2473285	334245	2473285		
DB	247149	334245	2473285	334245	2473285		
DC	247149	334245	2473285	334245	2473285		
DD	247149	334245	2473285	334245	2473285		
DE	247149	334245	2473285	334245	2473285		
DF	247149	334245	2473285	334245	2473285		
DG	247149	334245	2473285	334245	2473285		
DH	247149	334245	2473285	334245	2473285		
DI	247149	334245	2473285	334245	2473285		
DJ	247149	334245	2473285	334245	2473285		
DK	247149	334245	2473285	334245	2473285		
DL	247149	334245	2473285	334245	2473285		
DM	247149	334245	2473285	334245	2473285		
DN	247149	334245	2473285	334245	2473285		
DO	247149	334245	2473285	334245	2473285		
DP	247149	334245	2473285	334245	2473285		
DQ	247149	334245	2473285	334245	2473285		
DR	247149	334245	2473285	334245	2473285		
DS	247149	334245	2473285	334245	2473285		
DT	247149	334245	2473285	334245	2473285		
DU	247149	334245	2473285	334245	2473285		
DV	247149	334245	2473285	334245	2473285		
DW	247149	334245	2473285	334245	2473285		
DX	247149	334245	2473285	334245	2473285		
DY	247149	334245	2473285	334245	2473285		
DZ	247149	334245	2473285	334245	2473285		
EA	247149	334245	2473285	334245	2473285		
EB	247149	334245	2473285	334245	2473285		
EC	247149	334245	2473285	334245	2473285		
ED	247149	334245	2473285	334245	2473285		
EE	247149	334245	2473285	334245	2473285		
EF	247149	334245	2473285	334245	2473285		
EG	247149	334245	2473285	334245	2473285		
EH	247149	334245	2473285	334245	2473285		
EI	247149	334245	2473285	334245	2473285		
EJ	247149	334245	2473285	334245	2473285		
EK	247149	334245	2473285	334245	2473285		
EL	247149	334245	2473285	334245	2473285		
EM	247149	334245	2473285	334245	2473285		
EN	247149	334245	2473285	334245	2473285		
EO	247149	334245	2473285	334245	2473285		
EP	247149	334245	2473285	334245	2473285		
EQ	247149	334245	2473285	334245	2473285		
ER	247149	334245	2473285	334245	2473285		
ES	247149	334245	2473285	334245	2473285		
ET	247149	334245	2473285	334245	2473285		
EU	247149	334245	2473285	334245	2473285		
EV	247149	334245	2473285	334245	2473285		
EW	247149	334245	2473285	334245	2473285		
EX	247149	334245	2473285	334245	2473285		
EY	247149	334245	2473285	334245	2473285		
EZ	247149	334245	2473285	334245	2473285		
FA	247149	334245	2473285	334245	2473285		
FB	247149	334245	2473285	334245	2473285		
FC	247149	334245	2473285	334245	2473285		
FD	247149	334245	2473285	334245	2473285		
FE	247149	334245	2473285	334245	2473285		
FF	247149	334245	2473285	334245	2473285		
FG	247149	334245	2473285	334245	2473285		
FH	247149						

SCHEMATIC DIAGRAM
I-83 - SHAWAN ROAD
INTERCHANGE

CURVE DATA								
DD	89°55'43.3"	38°11'50"	150.00'	149.81'	235.43'	62.00'	0+00	2+35.43
EE	91°07'40"	38°11'50"	150.00'	152.98'	238.57'	64.28'	0+00	2+38.57



SCALE { PLAN : 1" = 200'

REV. 5/8/75	STATE OF MARYLAND	
1 8-16-75	DEPARTMENT OF TRANSPORTATION	
	STATE HIGHWAY ADMINISTRATION	
	BUREAU OF HIGHWAY DESIGN	
	I-83 BALTO - HARRISBURG EXPWY WIDENING - N. OF PADONIA RD. TO N. OF SHAWAN RD.	
COUNT NO. 8-578-90-472	F.A.P. NO. 1-83-2(g)(1)7 50-907(1)	SHEET NO. 12 OF 103
PREF. TRAC. BY	FISCAL TRAC. BY	GROUP NO. 3

INDEX OF SHEETS

SHEET NO.	HIGHWAY
1	TITLE SHEET
2-7	TYPICAL CROSS-SECTION OF IMPROVEMENT
8	PAVEMENT LAYOUT AND PATCHING DETAILS
9	REINFORCED CONCRETE PAVEMENT JOINT DETAILS
10-11	PAVEMENT REINFORCEMENT OPTIONS
12	SCHEMATIC DIAGRAM - I-83 - SHAWAN RD. INTERCHANGE
13	PLAN - STA. 131+00 TO STA. 161+00 I-83
14	PLAN - STA. 161+00 TO STA. 192+00 I-83
15	PLAN - STA. 192+00 TO STA. 223+00 I-83
16	PLAN - STA. 223+00 TO STA. 248+50 I-83
17	PLAN - STA. 248+50 TO STA. 258+02 I-83
18	PLAN - STA. 94+00 TO STA. 80+00 SHAWAN RD. EAST
19	PLAN - STA. 80+00 TO STA. 71+66.16 SHAWAN RD. EAST
20	PLAN - STA. 107+00 TO STA. 18+50 SHAWAN RD. WEST
21	PLAN - STA. 258+02 I-83 TO STA. 264+50 I-83
22	PLAN - STA. 264+50 TO STA. 279+00 I-83
23	PLAN - STA. 279+00 TO STA. 299+00 I-83
24	PROFILE - SHAWAN RD. EASTBOUND RDWY. STA. 71+66.16 TO STA. 94+50
25	PROFILE - SHAWAN RD. EASTBOUND RDWY. STA. 94+50 TO STA. 18+50
26	PROFILE - SHAWAN RD. WESTBOUND RDWY. STA. 71+66.16 TO STA. 94+50
27	PROFILE - SHAWAN RD. WESTBOUND RDWY. STA. 94+50 TO STA. 18+50
28	PROFILE - INNER LOOP 'B' - SOUTHWEST QUADRANT STA. 200+00 TO 211+65.68
29	PROFILE - INNER LOOP 'D' - SOUTHWEST QUADRANT STA. 99+05.48 TO STA. 119+12.65
30	PROFILE - INNER LOOP 'C' - SOUTHWEST QUADRANT STA. 900+00 TO STA. 94+22.20
31	PROFILE - INNER LOOP 'E' - NORTHEAST QUADRANT STA. 600+00 TO STA. 611+65.68
32	PROFILE - INNER LOOP 'F' - NORTHEAST QUADRANT STA. 720+81.42 TO STA. 700+00
33	PROFILE - INNER LOOP 'H' - NORTHWEST QUADRANT STA. 300+00 TO STA. 311+53.56
34	PROFILE - INNER LOOP 'G' - NORTHWEST QUADRANT STA. 417+59.95 TO STA. 400+00
35	PROFILE - WESTERN RUN ROAD STA. 500+00 TO STA. 30+60 521+06.77 RAMP = 1
36	PROFILE - SHAWAN RD. STA. 89+60 TO STA. 86+45.17
37	ENTRANCE AND EXIT TO MASONIC HOME STA. 19+77.47 TO STA. 17+00
38	MC CORMICK RD. STA. 19+74.64 TO STA. 22+50
39	ENTRANCE RT. SHAWAN RD. STA. 83+93
40	RAMP SHAWAN TO MC CORMICK AND MC CORMICK TO SHAWAN
41-43	SUPERELEVATION TRANSITIONS
44	SUPERELEVATION TRANSITIONS - CULVERT DATA AND DRAINAGE STRUCTURES
45	SOIL BORING TABULATIONS
46	GRADING TABLE
47	SUMMARY OF EARTHWORK
48	SUMMARY OF PAVING QUANTITIES
49	SUMMARY OF QUANTITIES
50	BRIDGE
51	44-62 PLAN - BRIDGE OVER SHAWAN ROAD ON I-83
52	63 MAINTENANCE OF TRAFFIC
53	64-67 PLAN - 9' X 5' BOX CULVERT UNDER SHAWAN ROAD
54	68-70 PLAN - BOX CULVERT UNDER I-83 AT OREGON BRANCH
55	71-72 PLAN - BOX CULVERT UNDER I-83 AT BEAVER DAM RUN
56	SIGNING
57	73 GENERAL NOTES
58	74-79 PLAN SHEETS STA. 131+00 TO STA. 350+00 I-83
59	80 DETAIL LOCATIONS
60	81-82 ROADSIDE STRUCTURES
61	83-87 SIGN PANELS
62	88-93 OVERHEAD STRUCTURES
63	94 SIGN INDEX AND QUANTITY SUMMARY
64	UTILITIES
65	95-98 PLAN & PROFILE PROPOSED 24" WATER MAIN, SHAWAN ROAD
66	99 PLAN & PROFILE PROPOSED 12" SEWER LINE, SHAWAN ROAD
67	100-103 SUMMATION OF ALL CONTRACT ITEMS

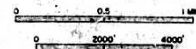
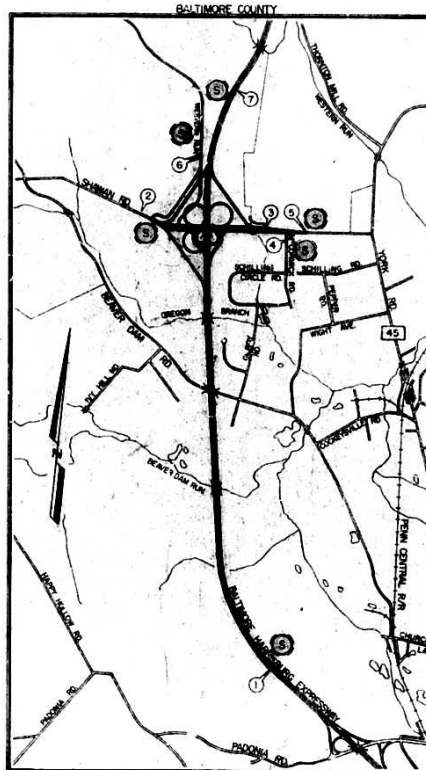
STATE OF MARYLAND STATE ROADS COMMISSION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

FEDERAL AID PROJECT NOS. I-83-2(6)17
SU-9017(1)

I-83 BALTIMORE HARRISBURG EXPRESSWAY WIDENING NORTH OF PADONIA RD TO NORTH OF SHAWAN RD.

CONTRACT No. B-578-90-472



CONVENTIONAL SIGNS

STATE AND NATIONAL LINE	-----	CULVERTS	-----
COUNTY LINE	-----	RETAINING WALL	-----
CITY OR VILLAGE	-----	DROP INLET	-----
GUARD RAIL	-----	TROLLEY POLE	-----
FENCE LINE	-----	POWER POLE	-----
UNFENCED PROPERTY	-----	TELEPHONE OR TELEGRAPH POLE	-----
RIGHT OF WAY LINE	-----	MARSH	-----
TRAVELED WAY	-----	REDUCED	-----
RAILROADS	-----	GROUND ELEVATION	-----
BASE OR SURVEY LINE	-----	GRADE ELEVATION	-----

SOIL LEGEND

A-3, SAND, NON-PLASTIC	A-5, SILT W/MICA AND/OR DECOMPOSED ROCK
A-2-4, SILTY SAND	A-7, CLAY
A-2-7, CLAYEY SAND	A-7-2, SANDY CLAY
A-4, SILT	A-7-4, SILTY CLAY
A-4-2, SANDY SILT	A-6, COLLOIDAL CLAY
A-4-7, CLAYEY SILT	ROCK, PENETRATED BY POWER SOIL AUGER

PLAN LOCATION OF SOIL BORINGS

BORING TARGETS AND PROFILES
SCALE: HORIZONTAL - NONE
VERTICAL - 1" = 10'

L.L. - LIQUID LIMIT
N.P. - NON-PLASTIC
M.D.D. - MAXIMUM DRY DENSITY & OPTIMUM MOISTURE CONTENT PER AASHTO T-99 METHOD 'C'
P.I. - PLASTICITY INDEX
P.C.F. - POUNDS PER CUBIC FOOT
UNL'S OTHERWISE NOTED ON PLANS, ALL SOIL SURVEY BORINGS FOR ROADWAY CONSTRUCTION WERE LEFT OPEN FOR 24 HOURS WITH NO EXCESS MOISTURE OR FREE WATER ENCOUNTERED DURING TIME OF SOIL SURVEY (4-69, 3-71 & 4-72)

BORING DATA FOR STRUCTURES IS INDICATED ON RESPECTIVE PLAN SHEETS.
RIGHT OF WAY & EASEMENT LINES AS INDICATED ARE FOR ASSISTANCE IN INTERPRETING THE PLANS ONLY. THEY DO NOT REPRESENT THE OFFICIAL PROPERTY ACQUISITION LINES. FOR OFFICIAL FEE, RIGHT OF WAY AND FEE INFORMATION, REFER TO THE APPROPRIATE RIGHT OF WAY PLANS.

BOOK NUMBER	SURVEY BOOK DATA
12877	TOPO, CROSS-SECTION, S.E. QUADRANT SHAWAN ROAD 'D'
12878	TOPO, S. BALTO. HARRISBURG EXPY.
14500	TOPO, CROSS-SECTION, OREGON BRANCH
14501	CROSS-SECTION, S. BALTO. HARRISBURG EXPY.
14502	CROSS-SECTION, BEAVER DAM RUN & OREGON CREEK
14503	TOPO, CROSS-SECTION, BEAVER DAM & OREGON CREEK
17771	CROSS-SECTION, BALTO. HARRISBURG EXPY.
17772	TOPO, S. BALTO. HARRISBURG EXPY.
18159	CROSS-SECTION, SHAWAN RD. WESTERN RUN RD.
18160	ENTIRE TOPO, GREATER BALTO. INDUSTRIAL PARK
18246	TOPO, SHAWAN RD.
18247	TOPO, WESTERN RUN RD. SHAWAN RD. STREAM SPUR
18346	CROSS-SECTION, STREAM SPUR, S.W. QUADRANT
18376	TOPO, N.W. QUADRANT, I-83 SHAWAN RD.
18379	TOPO, SHAWAN RD., S.W. QUADRANT
18445	CROSS-SECTION, SERVICE RD., N.E. QUADRANT
18445	CROSS-SECTION, SHAWAN RD., N.E. QUADRANT
18445	2-43 METES & BOUNDS PLOT SURVEY

INFORMATIONAL SIGNS
THIS PROJECT WILL REQUIRE SIX (6) INFORMATIONAL SIGNS. REFER TO STD. NO. MD 104-21 AND THE "REQUIRED PROVISIONS INFORMATIONAL SIGNS FEDERAL AID CONTRACTS". THE ABOVE DESIGNATION ON THE LOCATION PLAN IS THE SUGGESTED POSITIONS FOR THESE SIGNS.

DESIGN SPEED 60 M.P.H.

1	LIMIT OF WORK STA. 131+00.00 CONTR. B-578-90-472 F.A.P. NO. I-83-2(6)17
2	LIMIT OF WORK STA. 18+50 CONTR. B-578-90-472 F.A.P. NO. I-83-2(6)17
3	LIMIT OF WORK STA. 84+35 CONTR. B-578-90-472 F.A.P. NO. I-83-2(6)17
4	LIMIT OF WORK STA. 22+25 CONTR. B-578-90-472 F.A.P. NO. SU-9017(1)
5	LIMIT OF WORK STA. 71+66.16 CONTR. B-578-90-472 F.A.P. NO. SU-9017(1)
6	LIMIT OF WORK STA. 99+05.48 CONTR. B-578-90-472 F.A.P. NO. I-83-2(6)17
7	LIMIT OF WORK STA. 299+00.00 CONTR. B-578-90-472 F.A.P. NO. I-83-2(6)17

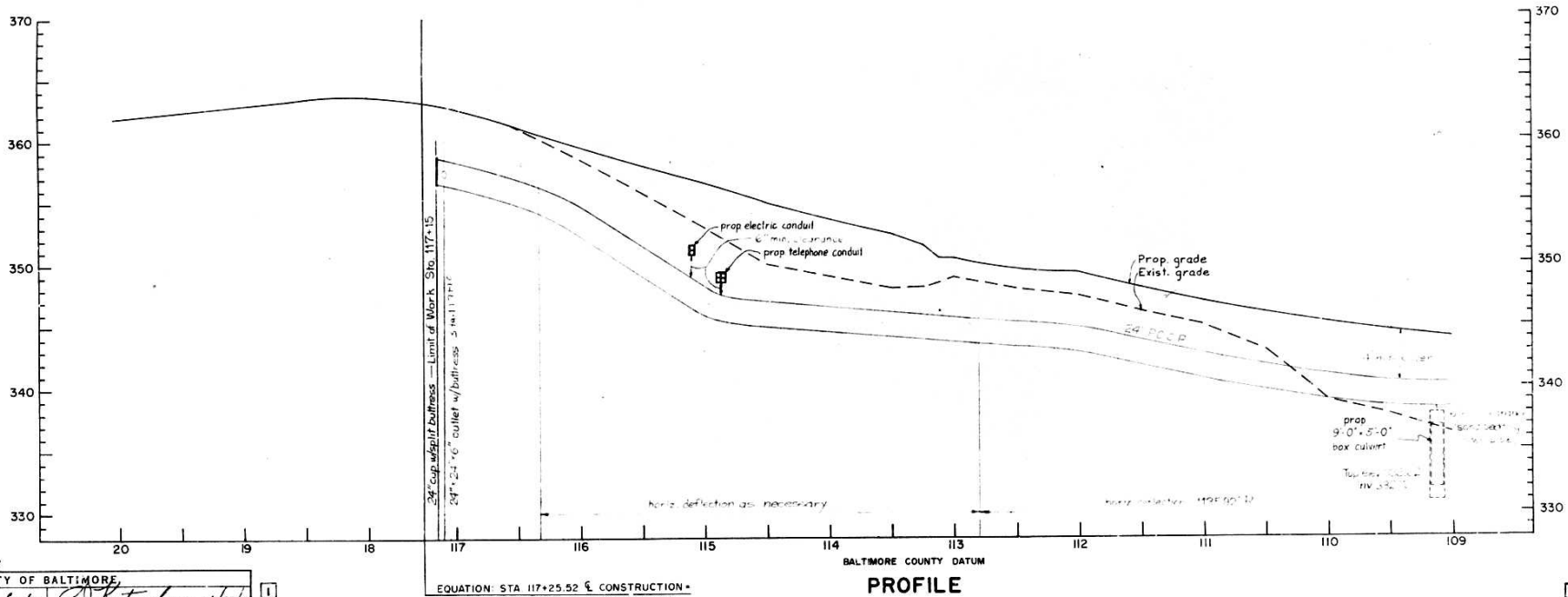
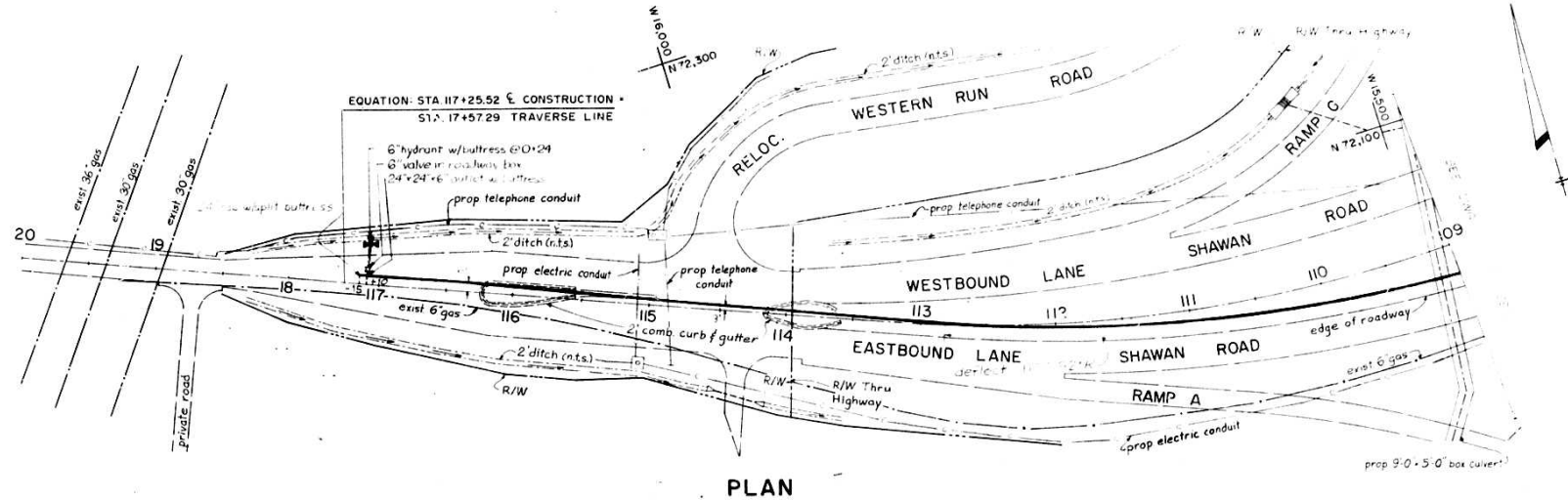
REVISIONS
1 8-16-73

TRAFFIC DATA			
I-83 BALTIMORE HARRISBURG EXPRESSWAY			
DESCRIPTION	1969	1991	
ADT	14,807 / 23,800	32,500 / 78,500	
DHV	12%	12%	
DIRECT DIST. OF DESIGN HOUR	74%	74%	
PERCENT TRUCKS - ADT	19%	19%	
PERCENT TRUCKS - DHV	6%	6%	
SHAWAN ROAD			
ADT	4,500 / 12,100	7000 / 26,600	
DHV	19%	19%	
DIRECT DIST. OF DESIGN HOUR	88%	88%	
PERCENT TRUCKS - ADT	6%	6%	
PERCENT TRUCKS - DHV	2%	2%	

EFFECTIVE JULY 1, 1971, IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 526 OF THE ACTS OF THE 1970 GENERAL ASSEMBLY, WHEREVER THE TITLE "STATE ROADS" OR "MARYLAND STATE ROADS COMMISSION" IS USED, IT SHALL BE CONSTRUED TO BE THE STATE HIGHWAY ADMINISTRATION.

U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION - BUREAU OF PUBLIC ROADS
APPROVED
DIVISION ENGINEER DATE

REVIEWED AND APPROVAL R. COMMANDED
CHIEF, BUREAU OF DESIGN
REVIEWED AND APPROVAL R. COMMANDED
CHIEF, BUREAU OF HIGHWAY DESIGN
APPROVAL R. COMMANDED
DEPUTY CHIEF ENGINEER - DEVELOPMENT
APPROVED
CHIEF ENGINEER



Cast Iron Pipe
Size _____ Class _____ Thickness _____
Size _____ Class _____ Thickness _____
Cast Iron Fittings
Size _____ Class _____ or Class _____
Size _____ Class _____ or Class _____
Operating Pressure _____ lbs/sq in
Test Pressure _____ lbs/sq in

Record Drawings
R/W: SHA R/W Plats
No. 43110 & 43111
REVISIONS

		CITY OF BALTIMORE DATE: 6/4/73 DIRECTOR: [Signature] CHIEF, WATER DIV. BUREAU OF ENGINEERING		EQUATION: STA 117+25.52 & CONSTRUCTION - STA 117+57.29 TRAVERSE LINE		PROFILE		BALTIMORE COUNTY DATUM	
DATE: 6/4/73 RIGHT OF WAY: SHA NO. 43110 REF: [] ROAD PERMIT AND GRADES: [] PERMIT REQUESTED: [] PERMIT NUMBER: [] GRADE ESTABLISHED: [] PROFILE NUMBER: []		P. W. A. DIR. NO.: [] CONTRACT NO.: [] REVISED AS PER RECORD PRINT: [] J.O. DRAFTSMAN: [] DATE: []		BUREAU OF ENGINEERING HIGHWAYS: [] STRUCTURES: [] WATER: [] SEWER: [] FIELD ENGINEERS: [] APPROVED: [Signature] DATE: 6/4/73		DEPARTMENT OF PUBLIC WORKS LEVEL BK.: [] KEY SHEET: [] DETAIL BK.: [] POSITION SHEET: [] APPROVED: [Signature] DATE: 6/4/73		SCALE: [] PLAN: 1" = 50' PROFILE: 1" = 5' SUBDIVISION: COCKEYSVILLE	
DESIGNED: M.S. DRAWN: SM CHECKED: [Signature]		REVIEWED: J.T. DATE: 6-4-73		6-4-73 6-4-73 6-4-73 6-4-73		BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING PROPOSED 24" WATER MAIN SHAWAN ROAD		SHEET 98 OF 103 JOB ORDER NO. 3-50-99 REVISIONS: [] FILE: 3	

[illegible]

109
108
107
106

CITY OF BALTIMORE

R. P. [Signature] *4/10/73*

DIRECTOR
DEPT. OF PUBLIC WORKS

[Signature] *4/10/73*

CHIEF, WATER DIV
BUREAU OF ENGINEERING

DATE	P. 1/21 OF WAY	REF	ROAD PERMIT AND GRADES	P. W. A. DIR. NO.	CONTRACT NO.	REVISED AS PER RECORD PRINT
	<i>SHA 4315</i>		PERMIT REQUESTED.			J.O. DRAFTSMAN DATE
			PERMIT NUMBER.			
			GRADE IS ABISHED.			
			PROFILE NUMBER.			

DESIGNED *MLS*

DRAWN *SM*

CHECKED *[Signature]*

[Signature]

DATE *4/13/73* U.C. NO. *55710*

REVIEWED *JJT*

DATE *6-8-73*

HIGHWAYS
 STRUCTURES
 STORM DRAINS
 WATER
 SEWER
 FLD ENGINEER

FL
JFL
JAB
CEH
6-4-73
6-4-73
6-4-73

BUREAU OF ENGINEERING

APPROVED *[Signature]* CHIEF

DATE *6/4/73*

DEPART

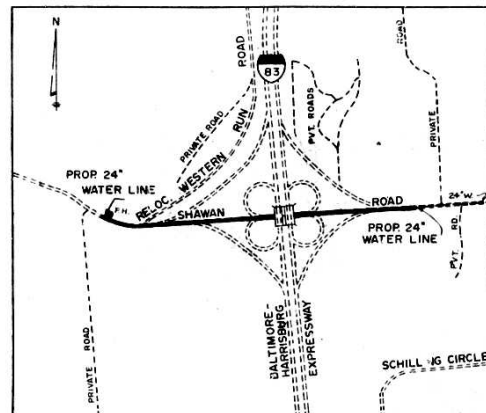
APPROVED

DATE

DESIGNED <u>MLS</u>	<u>6-4-73</u>	BUREAU OF ENGINEERING	HIGHWAYS	STRUCTURES	STORM DRAIN	WATER	SEWER	FIELD ENGINEER	BUREAU OF ENGINEERING	DEPARTMENT OF PUBLIC WORKS	LEVEL BK.	KEY SHEET	SCALE			BALTIMORE COUNTY	DEPARTMENT OF PUBLIC WORKS	BUREAU OF ENGINEERING	SHEET <u>22</u> OF <u>5</u>		
DRAWN <u>SM</u>	<u>6-4-73</u>	REVIEWED <u>JJT</u>	<u>6-4-73</u>	<u>6-4-73</u>	<u>6-4-73</u>	<u>6-4-73</u>	<u>6-4-73</u>	<u>6-4-73</u>	APPROVED <u>James N. Jones</u> CHIEF	APPROVED <u>James N. Jones</u> DIRECTOR	DETAIL BK.	V NE	PLAN: 1" = 50'	PROPOSED 24" WATER MAIN			DWG. NO.				
CHECKED <u>6-4-73</u>	DATE <u>4/3/73</u> ON <u>NO. 55710</u>	DATE <u>6-4-73</u>	<u>6-4-73</u>	<u>6-4-73</u>	<u>6-4-73</u>	<u>6-4-73</u>	<u>6-4-73</u>	<u>6-4-73</u>	DATE <u>6/4/73</u>	DATE <u>6/4/73</u>	DATE <u>6/4/73</u>	72NW10	DATE	REVISION	BY	PROFILE: HOR. 1" = 50' VERT. 1" = 5'	SHAWAN ROAD			73-0295	
															SUBDIVISION COCKEYSVILLE			EL. DISTRICT NO. 8			FILE: <u>3</u>
															BALTIMORE COUNTY TYPE NUMBER <u>1</u>			97 103			

Record Drawings:
Water: 69-0437
R/W: SHA R/W Plats No 43115, 43116, 43117

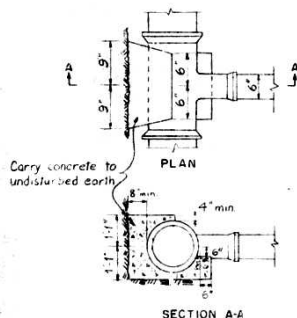
EL. DISTRICT NO. 8	FILE: 3
BALTIMORE COUNTY TYPE NUMBER 1	96 103



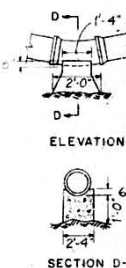
LOCATION MAP
SCALE 1" = 500'

GENERAL NOTES

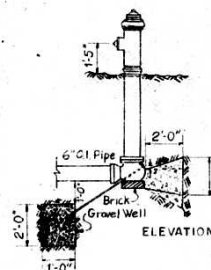
1. OBSTRUCTIONS SHOWN ON THE PLANS ARE FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE COUNTY DOES NOT WARRANT NOR GUARANTEE THE CORRECTNESS OR COMPLETENESS OF THE INFORMATION GIVEN. THE CONTRACTOR SHALL VERIFY ALL SUCH INFORMATION TO HIS OWN SATISFACTION.
2. THE CONTRACTOR SHALL EXCAVATE FOR THE LOCATION AND DEPTH OF EXISTING PIPE BEFORE LAYING ADDITIONAL PIPE OR MODIFYING STRUCTURES.
3. ALL EXISTING WATER MAINS TO BE ABANDONED SHALL BECOME THE PROPERTY OF THE CONTRACTOR EXCEPT VALVES (6-INCH SIZE AND LARGER), FIRE HYDRANTS, AND VALVE VAULTS. ALL VALVES AND FIRE HYDRANTS AND FRAMES AND COVERS SHALL BE REMOVED BY THE CONTRACTOR AND RETURNED TO THE BUREAU OF UTILITIES, BALTIMORE COUNTY, MARYLAND AT THEIR COCKEYSVILLE, MARYLAND YARD. WATER METERS WILL BE REMOVED BY THE WATER DIVISION, BALTIMORE CITY, MARYLAND.
4. CONNECTION OF NEW WATER LINES TO THE EXISTING SYSTEMS SHALL NOT BE MADE UNTIL FINAL INSPECTION, ALIGNMENT, LEAKAGE AND HYDROSTATIC AND DISINFECTION (WHERE APPLICABLE) TESTS HAVE BEEN SUCCESSFULLY COMPLETED.
5. RIGHT-OF-WAY LINES SHOWN ON THE PLANS DO NOT INCLUDE EASEMENTS AND ARE PRESENTED ONLY FOR ASSISTANCE IN INTERPRETING THESE PLANS. THESE LINES DO NOT REPRESENT OFFICIAL PROPERTY ACQUISITIONS. FOR THIS INFORMATION AND PROPERTY OWNERSHIP, REFER TO THE REFERENCED STATE ROADS COMMISSION OF MARYLAND PLATS.
6. THE BILL OF MATERIALS AS SHOWN ON THE PLANS IS FOR THE CONVENIENCE ONLY OF THE CONTRACTOR. IN CASES OF DISCREPANCY BETWEEN THE BILL OF MATERIAL AND THE PLANS, THE PLANS SHALL GOVERN.
7. PROPOSED WATER MAINS 12-INCH AND SMALLER SHALL HAVE 4.0 FEET OF COVER UNLESS SHOWN OTHERWISE.
8. VALVES ON FIRE HYDRANT LEADS SHALL BE TIED TO MAIN TEES WITH TWO (2) 3/4-INCH DIAMETER THREADED STEEL BOLDS AND NUTS AS DIRECTED BY THE ENGINEER. BOLDS AND NUTS TO RECEIVE TWO (2) 15.0 COATS OF GUN TAP ENAMEL AFTER INSTALLATION.
9. CONTRACTOR SHALL NOTIFY THE OFFICE OF THE FOLLOWING AGENCIES, COMPANIES AND FIRMS AT LEAST THREE (3) DAYS BEFORE START OF CONSTRUCTION ON THIS CONTRACT.
 1. CHIEF, BUREAU OF UTILITIES, BALTIMORE COUNTY, MARYLAND 301-404-1911
 2. BUREAU OF UTILITY OPERATION, WATER DIVISION, BALTIMORE CITY, MARYLAND 301-550-0430
 3. RAMER-WYBIELEY & ASSOCIATES, INC., CONSULTING ENGINEERS 301-733-5700
 4. BALTIMORE GAS & ELECTRIC COMPANY 301-234-5691
 5. LONG DISTANCE TELEPHONE CABLES, CALL COLLECT 301-599-8900, EXT. 553 OR 554
 6. FIRE BUREAU, FIRE HEADQUARTERS 301-825-7310
 7. DIVISION OF UTILITY INSPECTION, BALTIMORE COUNTY, MARYLAND 301-404-1501
10. ALL PROPOSED WATER MAINS CONNECTING TO THE EXISTING SYSTEM SHALL BE FURNISHED WITH A SLEEVE AND SPACER OF THE APPROPRIATE SIZE AND TYPE AT THE CONNECTION POINT.
11. VALVE BOX AND VALVE FAULT TUNES AND COVERS SHALL BE ADJUSTED TO MATCH FINISHED GRADE UNLESS NOTED OTHERWISE ON THE PLANS.
12. THE TWENTY-FOUR INCH WATER MAIN PLAN IS BASED UPON PRESTRESSED CONCRETE CYLINDER PIPE, BUT THE CONTRACTOR MAY ELECT TO USE DUCTILE IRON PIPE.
13. CONTRACTOR SHALL USE A CAST IRON TO CONCRETE PIPE ADAPTER IF PCP IS USED FOR THE WATER MAIN.
14. CONTRACTOR SHALL ASCERTAIN LOCATION OF ALL EXISTING CONDUITS BEFORE INSTALLATION OF WATER MAIN.



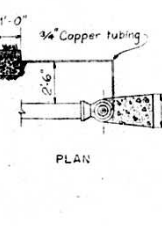
24"x24"x6" TEE



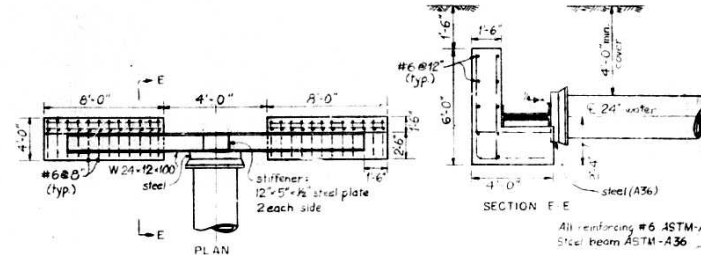
24" - 7°30' VERT. BEND



6" FIRE HYDRANT



PLAN



24" SPLIT-BUTTRESS

All reinforcing #6 ASTM-A615 Grade 60
Steel beam ASTM-A36

BUTTRESS AND ANCHOR DETAILS NOT TO SCALE

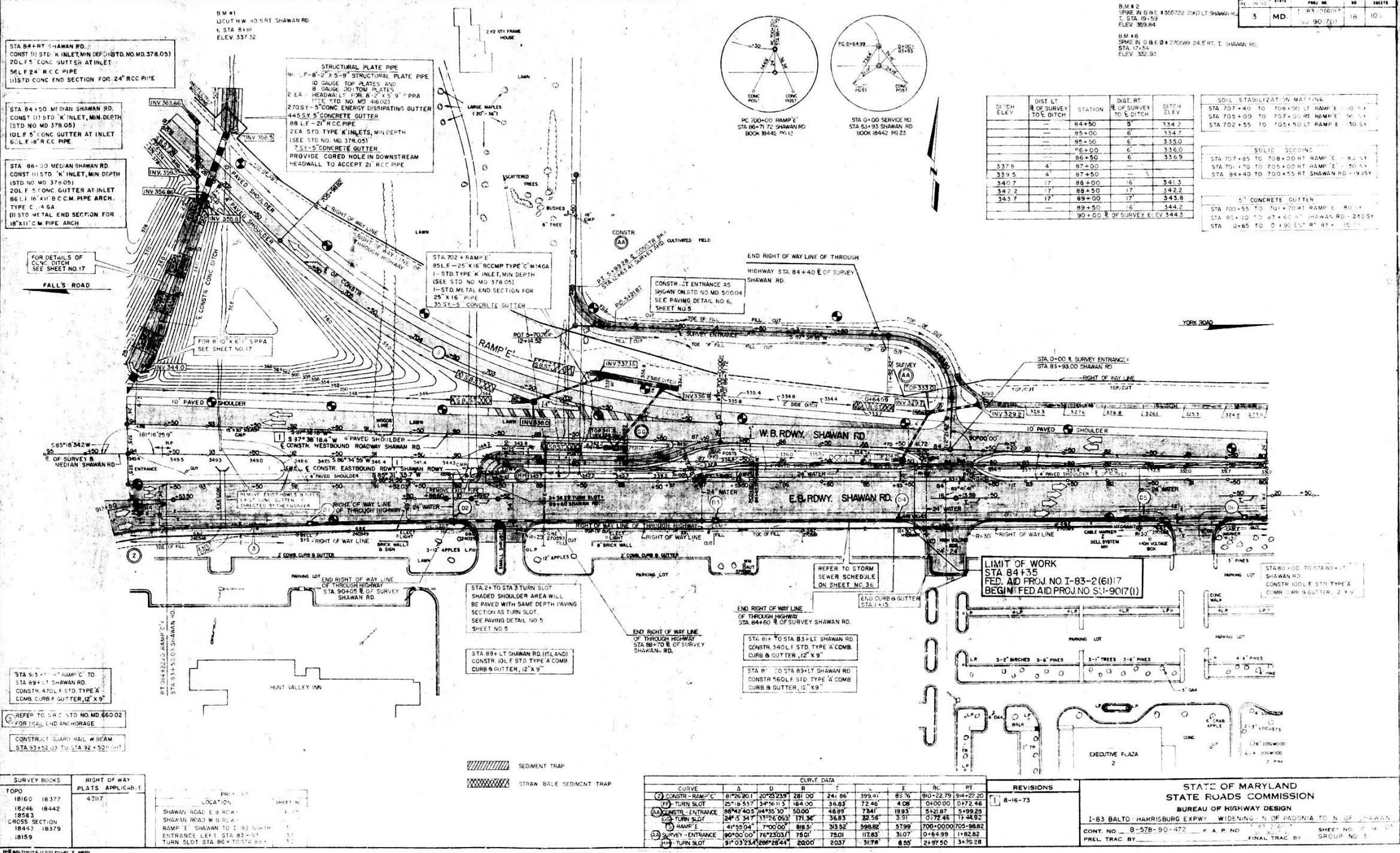
CITY OF BALTIMORE									
DESIGNED BY: <i>R. P. ...</i>		DATE: 6/14/73		APPROVED BY: <i>R. P. ...</i>		DATE: 6/22/73			
DIRECTOR		CHIEF, WATER DIV.		BUREAU OF ENGINEERING					
DATE	RIGHT OF WAY	REF	ROAD PERMIT AND GRADES	P. W. A. DIR. NO.	CONTRACT NO.	REVISED AS PER RECORD PRINT			
	SHA NO. 4-311		PERMIT REQUESTED			1.0 DRAFTSMAN DATE			
			PERMIT NUMBER						
			GRADE ESTABLISHED						
			PROFILE NUMBER						
DESIGNED: M.S.	REVIEWED: J.T.	DATE: 6-4-73	DATE: 6-4-73	DATE: 6-4-73	DATE: 6-4-73				
BUREAU OF ENGINEERING			DEPARTMENT OF PUBLIC WORKS						
APPROVED: <i>[Signature]</i>			APPROVED: <i>[Signature]</i>						
DATE: 6/14/73			DATE: 6/14/73						

REVISIONS	
8-16-73	
REVISION: ADDENDUM NO. 1 JUNE 15, 1973	
SHA CONTRACT	JOB ORDER NO.
B-578-90-472	3-60-99
SHEET 111 OF 111	
73-0293	
FILE: 3	
BALTIMORE COUNTY TYPE NUMBER 1	
95 103	

C.W.O. 40311

BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING
PROPOSED 24" WATER MAIN
SHAWAN ROAD
EL. DISTRICT NO. 8
SUBDIVISION COCKEYSVILLE





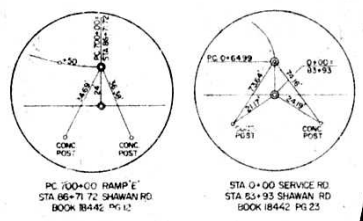
STA 84+RT SHAWAN RD.
CONST (1) STD 'K' INLET, MIN. DEPTH (STD NO. MD 378.05)
20' F 5" CONC. GUTTER AT INLET
56' F 24" RCC PIPE
(1) STD CONC. END SECTION FOR 24" RCC PIPE

STA 84+50 MEDIAN SHAWAN RD.
CONST (1) STD 'K' INLET, MIN. DEPTH (STD NO. MD 378.05)
20' F 5" CONC. GUTTER AT INLET
56' F 24" RCC PIPE ARCH
TYPE C 45A
(1) STD METAL END SECTION FOR 18"X12" PIPE ARCH

STA 86+00 MEDIAN SHAWAN RD.
CONST (1) STD 'K' INLET, MIN. DEPTH (STD NO. MD 378.05)
20' F 5" CONC. GUTTER AT INLET
56' F 24" RCC PIPE ARCH
TYPE C 45A
(1) STD METAL END SECTION FOR 18"X12" PIPE ARCH

STRUCTURAL PLATE PIPE
9' L F 8'-2" X 5'-9" STRUCTURAL PLATE PIPE
10 GAUGE TOP PLATES AND
8 GAUGE JOINT PLATES
2 EA HEADWALLS FOR 8'-2" X 5'-9" PPA
(1) STD NO. MD 4802
2705Y-5" CONC. ENERGY DISSIPATING GUTTER
445.5Y-5" CONC. GUTTER
88 LF 21" RCC PIPE
2EA STD TYPE 'K' INLETS, MIN. DEPTH
(SEE STD NO. MD 378.05)
75Y-5" CONC. GUTTER
PROVIDE CORED HOLE IN DOWNSTREAM
HEADWALL TO ACCEPT 21" RCC PIPE

STA 702+RAMP E
85' L F 25' X 16' RCCM TYPE 'C' M40A
1-STD TYPE 'K' INLET, MIN. DEPTH
(SEE STD NO. MD 378.05)
1-STD METAL END SECTION FOR
25' X 16' PIPE
35.5Y-5" CONC. GUTTER



DITCH ELEV.	DIST. LT. OF SURVEY TO E. DITCH	STATION	DIST. RT. OF SURVEY TO E. DITCH	DITCH ELEV.
---	---	84+50	5'	334.2
---	---	85+00	6'	334.7
---	---	85+50	6'	335.0
---	---	86+00	6'	335.0
---	---	86+50	6'	335.9
337.9	4'	87+50	---	---
339.5	4'	87+50	---	---
340.7	17'	88+00	16'	341.3
342.2	17'	88+00	17'	342.2
343.7	17'	89+00	17'	343.8
---	---	89+50	16'	344.2
---	---	90+00 E. OF SURVEY E. CV	---	344.3

SOIL STABILIZATION MATTING	
STA 707+40 TO 708+00 LT RAMP E	10' X 1'
STA 705+00 TO 707+00 RT RAMP E	10' X 1'
STA 702+55 TO 705+50 LT RAMP E	10' X 1'
SOLID SCREEDING	
STA 707+40 TO 708+00 RT RAMP E	10' X 1'
STA 701+40 TO 705+00 RT RAMP E	10' X 1'
STA 84+40 TO 700+55 RT SHAWAN RD	19' X 5'
5" CONCRETE GUTTER	
STA 700+55 TO 701+70 RT RAMP E	10' X 1'
STA 85+00 TO 85+60 RT SHAWAN RD	21' X 5'
STA 84+65 TO 84+90 RT SHAWAN RD	15' X 1'

STA 93+11' RAMP 'C' TO
STA 89+11' SHAWAN RD.
CONST. 470' F STD. TYPE 'A'
COMB. CURB & GUTTER, 12' X 9'

REFER TO SURV. STD NO. MD 660.02
FOR TRAIL END ANCHORAGE
CONSTRUCT GUARD RAIL W/ BEAM
STA 93+52.03 TO STA 92+50+RIGHT

SEDIMENT TRAP
STRAW BALE SEDIMENT TRAP

CURVE	Δ	D	R	T	E	PC	PT
2 CONSTR-RAMP 'C'	81°26'01"	207'23.9'	281.0'	241.86'	85.76'	910+22.79'	914+22.20'
3 CONSTR-ENTRANCE	25°18'53"	34°56'11.3"	164.00'	36.83'	72.46'	4.00'	04+00.00'
4 CONSTR-ENTRANCE	88°42'40.5"	14°15'30"	50.00'	48.93'	7341'	1993'	5125.87'
5 RAMP 'E'	41°25'04"	7°00'00"	818.5'	33.52'	598.82'	5799'	700+00.00'
6 SURVEY-ENTRANCE	90°00'00"	76°23'03.1"	75.01'	117.83'	31.07'	0+64.99'	1+82.82'
7 TURN SLOT	91°03'23.4"	286°28'44"	20.00'	2037'	31.78'	8.55'	21+97.50'

REVISIONS	
1	8-16-73
STATE OF MARYLAND STATE ROADS COMMISSION BUREAU OF HIGHWAY DESIGN I-83 BALTO. HARRISBURG EXPWY. WIDENING N. OF PADONIA TO N. OF SHAWAN CONT. NO. B-578-90-472 F.A.P. NO. 31-30-117 SHEET NO. 11 OF 13 PREL. TRAC. BY: FINAL TRAC. BY: GROUP NO. 3	

STA 79+ MEDIAN SHAWAN RD
REMOVE EXISTING JUNCTION BOX,
12 LF OF PIPE AND INLET.
CONSTR. 'K' INLET, MIN. LENGTH STA 80+00
(SEE STD. NO. MD. 578.05)
20 LF 5" CONC. GUTTER AT INLET
30 LF 18" R.C.C.P. (FROM INLET TO
54' X 18" CONNECTION)
EXTEND EXIST. PIPE USING
1-54' X 18" PIPE CONNECTION
68 LF 54" R.C.C.P.
1-STD. B-54' HEADWALL
35 ST. CLASS I MED RIP-RAP
AT HEADWALL

REFER TO STD. NO. MD. 660.31 FOR
END FLARE. NOTE: END BLOCK WILL BE
OFFSET 2' FROM NORMAL LINE OF GUARD
RAIL IN LIEU OF 6'.

REFER TO STD. NO. MD. 660.02
FOR TRAIL END ANCHORAGE.

CONSTRUCT GUARD RAIL W/ BEAM
STA 76+80 TO STA. 80+00 RIGHT

STA 77+ TO 78+ SHAWAN RD
CONSTR. 100 LF 4" MONOLITHIC
CONCRETE MEDIAN TYPE 'A'

STA 78+ SHAWAN RD CONSTR.
20 LF. MONOLITHIC MEDIAN
VARIABLE WIDTH TYPE 'A' 4' TO 6'

STA 78+ TO 79+ SHAWAN RD
CONSTR. 180 LF. STD. TYPE 'A'
COMB. CURB AND GUTTER 12' X 9"
4" TOPSOIL, SEED AND MULCH

STA 77+ TO STA 80 RT SHAWAN RD
CONSTR. 280 LF 5" CONC. GUTTER

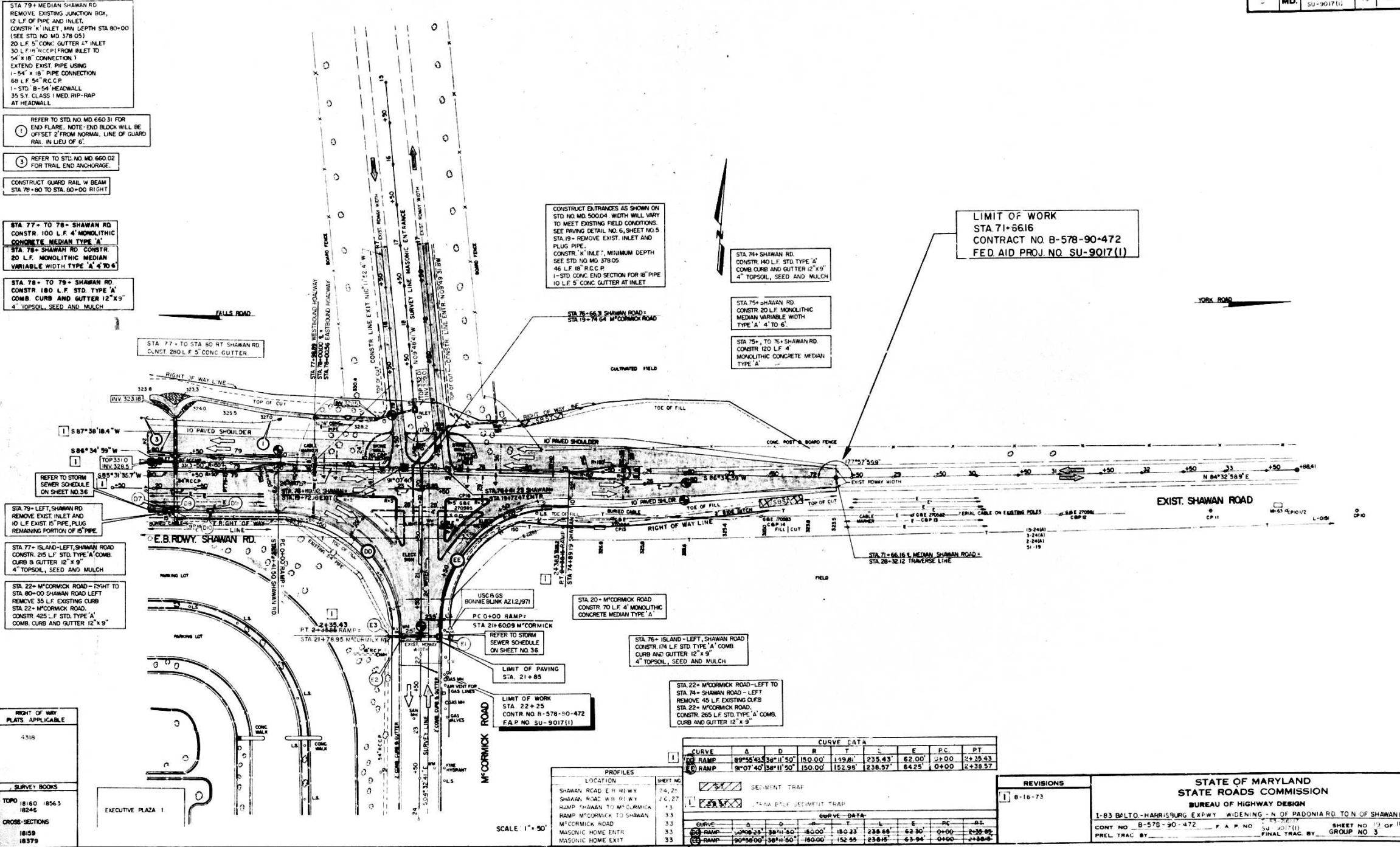
CONSTRUCT ENTRANCES AS SHOWN ON
STD. NO. MD. 500.04. WIDTH WILL VARY
TO MEET EXISTING FIELD CONDITIONS.
SEE PAVING DETAIL NO. 6, SHEET NO. 5
STA. 19+ REMOVE EXIST. INLET AND
PLUG PIPE.
CONSTR. 'K' INLET, MINIMUM DEPTH
SEE STD. NO. MD. 578.05
46 LF 18" R.C.C.P.
1-STD. CONC. END SECTION FOR 18" PIPE
TO LF 5" CONC. GUTTER AT INLET

STA 74+ SHAWAN RD.
CONSTR. 140 LF. STD. TYPE 'A'
COMB. CURB AND GUTTER 12' X 9"
4" TOPSOIL, SEED AND MULCH

STA 75+ SHAWAN RD.
CONSTR. 20 LF. MONOLITHIC
MEDIAN VARIABLE WIDTH
TYPE 'A' 4' TO 6'

STA 75+ TO 76+ SHAWAN RD
CONSTR. 120 LF. 4"
MONOLITHIC CONCRETE MEDIAN
TYPE 'A'

LIMIT OF WORK
STA 71+6616
CONTRACT NO. B-578-90-472
FED. AID PROJ. NO. SU-9017(1)



RIGHT OF WAY
PLATS APPLICABLE

SURVEY BOOKS

TOP 18160 18563

18246

CROSS-SECTIONS

18155

18379

SCALE: 1" = 50'

PROFILES	LOCATION	SHEET NO.
SHAWAN ROAD E.R. HWY		74, 21
SHAWAN ROAD W.R. HWY		26, 27
HAMP SHAWAN TO MCCORMICK		33
RAMP MCCORMICK TO SHAWAN		33
MCCORMICK ROAD		33
MASONIC HOME ENTR		33
MASONIC HOME EXIT		33

CURVE	Δ	D	R	T	L	E	P.C.	P.T.
NO. RAMP	89°55'43"38"11"50"	150.00'	149.81'	235.43'	62.00'	0+00	2+35.43	
ED RAMP	91°07'40"38"11"50"	150.00'	152.95'	238.57'	64.25'	0+00	2+38.57	

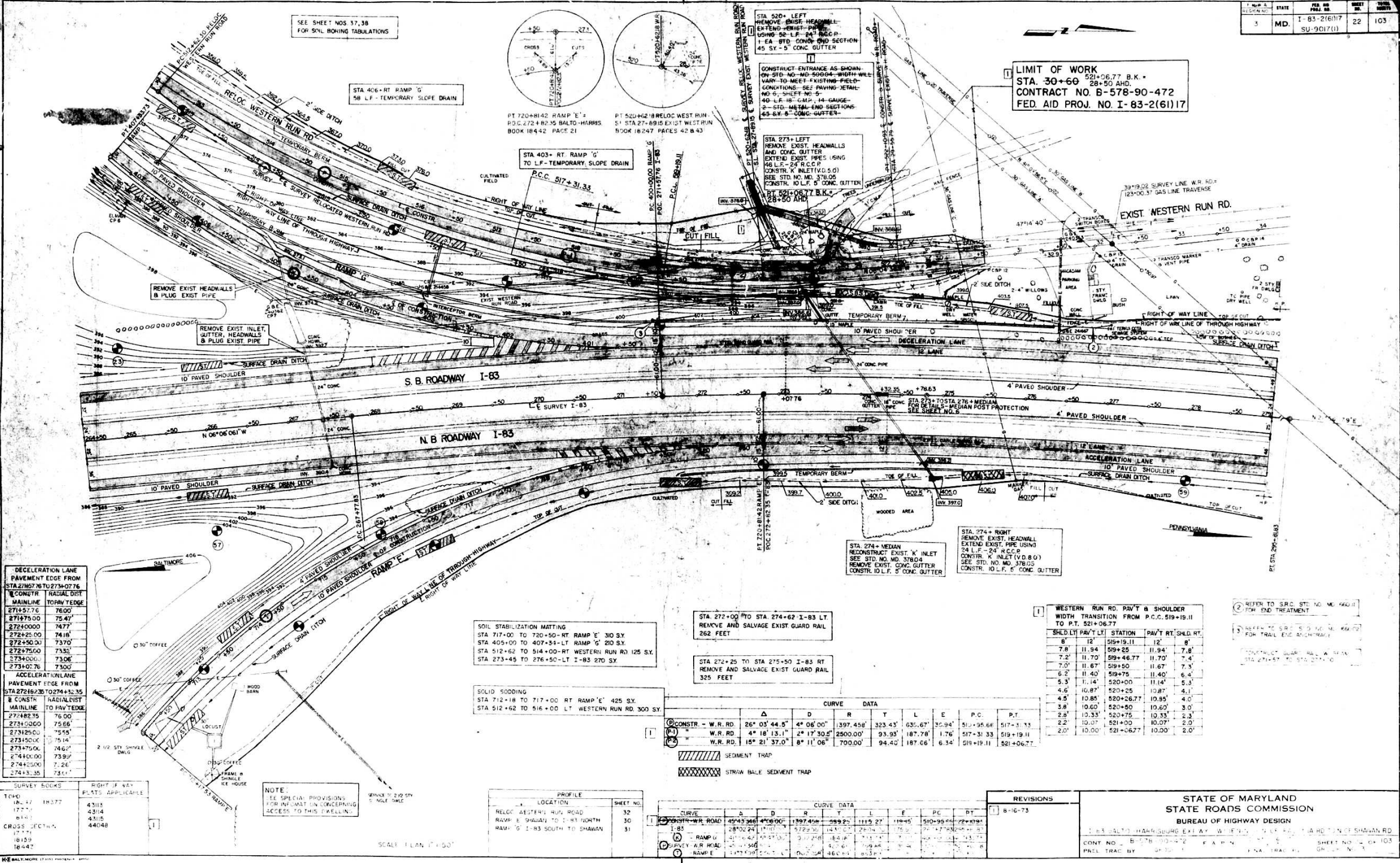
CURVE	Δ	D	R	T	L	E	P.C.	P.T.
NO. RAMP	89°55'43"38"11"50"	150.00'	149.81'	235.43'	62.00'	0+00	2+35.43	
ED RAMP	91°07'40"38"11"50"	150.00'	152.95'	238.57'	64.25'	0+00	2+38.57	

REVISIONS
1 8-16-73

STATE OF MARYLAND
STATE ROADS COMMISSION
BUREAU OF HIGHWAY DESIGN
1-83 BALTO-HARRISBURG EXPWY. WIDENING - N OF PADONIA RD. TO N OF SHAWAN RD.
CONT. NO. B-578-90-472 F.A.P. NO. SU-9017(1) SHEET NO. 19 OF 103
PREL. TRAC. BY: FINAL TRAC. BY: GROUP NO. 3

SEE SHEET NOS 37, 38
FOR SOIL BORING TABULATIONS

LIMIT OF WORK
STA. 30+60 TO STA. 52+06.77 B.K. +
28+50 AHD.
CONTRACT NO. B-578-90-472
FED. AID PROJ. NO. I-83-2(6)17



DECELERATION LANE PAVEMENT EDGE FROM STA 27+00 TO 27+34+07.76

CONSTR.	RADIAL DIST.	MAINLINE TO PAV. EDGE
27+00.00	76.00	
27+05.00	75.47	
27+10.00	74.97	
27+15.00	74.48	
27+20.00	73.97	
27+25.00	73.46	
27+30.00	72.95	
27+34+07.76	72.44	

ACCELERATION LANE PAVEMENT EDGE FROM STA 27+34+07.76 TO 27+34+32.35

CONSTR.	RADIAL DIST.	MAINLINE TO PAV. EDGE
27+34+07.76	72.44	
27+35.00	72.95	
27+40.00	73.46	
27+45.00	73.97	
27+50.00	74.48	
27+55.00	74.97	
27+60.00	75.47	
27+65.00	75.98	
27+70.00	76.49	
27+75.00	77.00	
27+80.00	77.51	
27+85.00	78.02	
27+90.00	78.53	
27+95.00	79.04	
28+00.00	79.55	
28+05.00	80.06	
28+10.00	80.57	
28+15.00	81.08	
28+20.00	81.59	
28+25.00	82.10	
28+30.00	82.61	
28+35.00	83.12	
28+40.00	83.63	
28+45.00	84.14	
28+50.00	84.65	
28+55.00	85.16	
28+60.00	85.67	
28+65.00	86.18	
28+70.00	86.69	
28+75.00	87.20	
28+80.00	87.71	
28+85.00	88.22	
28+90.00	88.73	
28+95.00	89.24	
29+00.00	89.75	
29+05.00	90.26	
29+10.00	90.77	
29+15.00	91.28	
29+20.00	91.79	
29+25.00	92.30	
29+30.00	92.81	
29+35.00	93.32	
29+40.00	93.83	
29+45.00	94.34	
29+50.00	94.85	
29+55.00	95.36	
29+60.00	95.87	
29+65.00	96.38	
29+70.00	96.89	
29+75.00	97.40	
29+80.00	97.91	
29+85.00	98.42	
29+90.00	98.93	
29+95.00	99.44	
30+00.00	99.95	

SOIL STABILIZATION MATTING
STA 717+00 TO 720+50-RT RAMP 'E' 310 S.Y.
STA 405+00 TO 407+31-LT RAMP 'G' 210 S.Y.
STA 512+62 TO 514+00-RT WESTERN RUN RD 125 S.Y.
STA 273+45 TO 276+50-LT I-83 270 S.Y.

SOLID SODDING
STA 712+18 TO 717+00 RT RAMP 'E' 425 S.Y.
STA 512+62 TO 516+00 LT WESTERN RUN RD 300 S.Y.

CURVE DATA

Δ	D	R	T	L	E	P.C.	P.T.
26° 03' 44.5"	4° 06' 00"	397.458'	323.43'	635.67'	35.94'	511+35.66'	517+31.33'
4° 18' 13.1"	2° 17' 30"	2500.00'	93.93'	187.78'	1.76'	517+31.33'	519+19.11'
15° 21' 37.0"	8° 11' 06"	700.00'	94.40'	187.66'	6.34'	519+19.11'	521+06.77'

WESTERN RUN RD. PAV'T & SHOULDER WIDTH TRANSITION FROM P.C. 519+19.11 TO P.T. 521+06.77

SHLD. LT	PAV'T LT	STATION	PAV'T RT	SHLD. RT
7.8'	11.94'	519+25	11.94'	7.8'
7.2'	11.70'	519+46.77	11.70'	7.4'
7.0'	11.67'	519+50	11.67'	7.3'
6.2'	11.40'	519+75	11.40'	6.4'
5.3'	11.14'	520+00	11.14'	5.3'
4.6'	10.87'	520+25	10.87'	4.1'
4.5'	10.85'	520+26.77	10.85'	4.0'
3.8'	10.60'	520+50	10.60'	3.0'
2.8'	10.33'	520+75	10.33'	2.3'
2.2'	10.07'	521+00	10.07'	2.0'
2.0'	10.00'	521+06.77	10.00'	2.0'

SURVEY BOOKS

BOOK	DATE	PLATS APPLICABLE
18-17	18-77	4318
17-17	17-77	4314
16-17	16-77	4316
15-17	15-77	44048

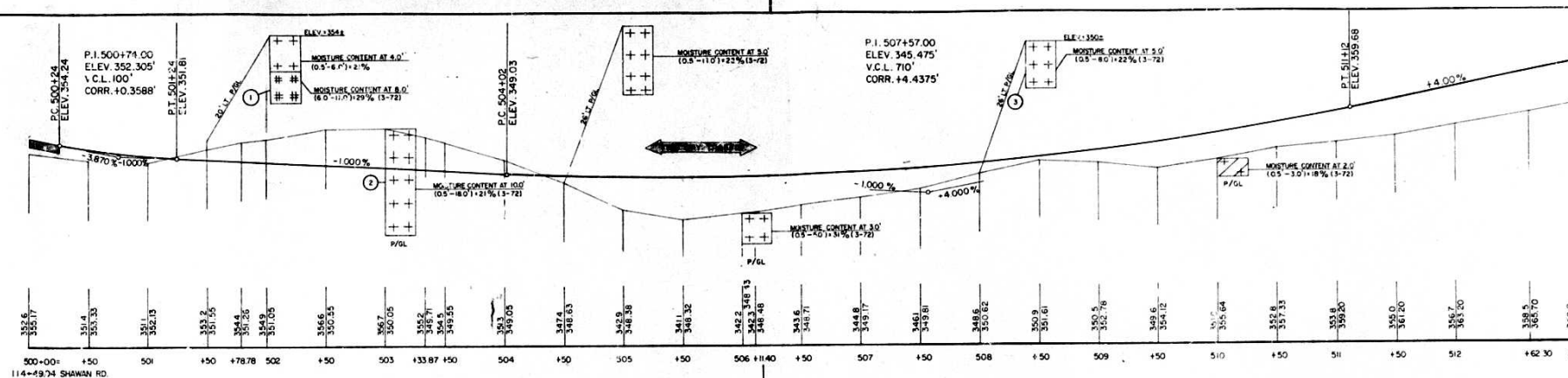
PROFILE

LOCATION	SHEET NO.
RELOC. WESTERN RUN ROAD	32
RAMP 'E' SHOWN TO S-W-NORTH	30
RAMP 'G' I-83 SOUTH TO SHAWAN	31

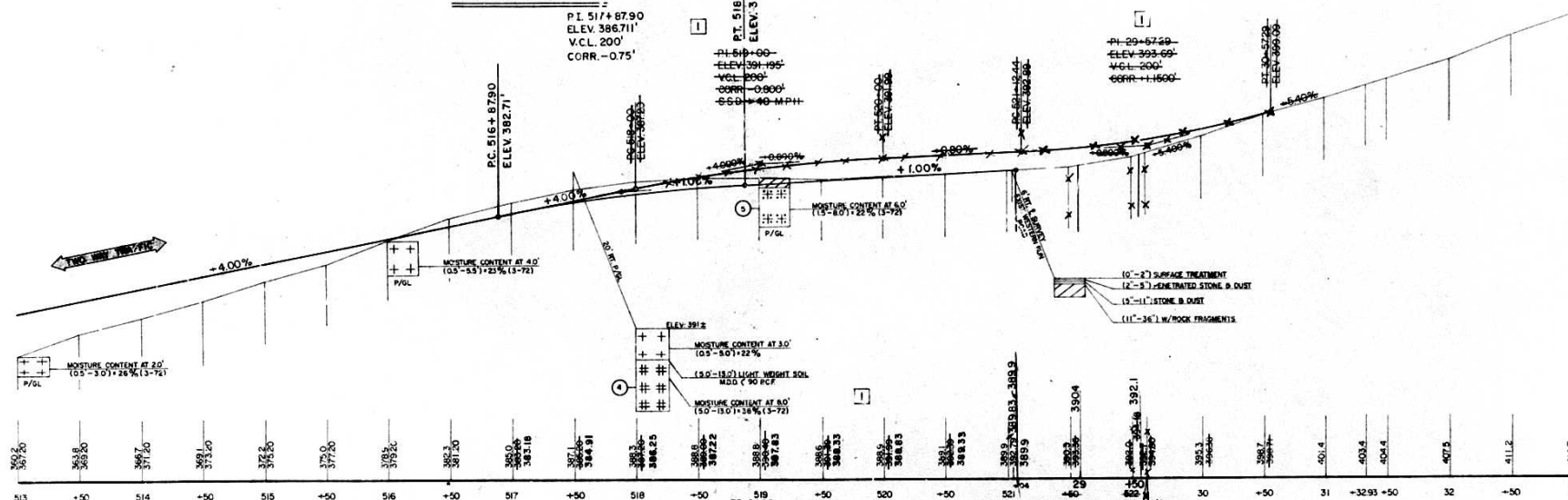
REVISIONS

NO.	DATE	DESCRIPTION
1	8-16-73	

DATUM 320



WESTERN RUN ROAD

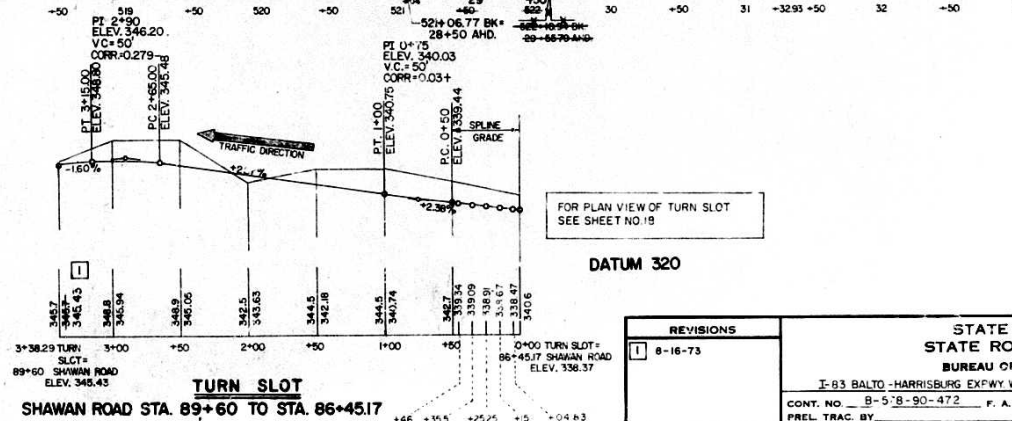


FOR PLAN VIEW OF WESTERN RUN RD
SEE SHEET NOS. 20, 21, 22

SOILS TEST DATA			
NO.	LL	PI	MDD & OMC
1	66	40	
2	44	21	
3	58	40	
4	76	42	* 89 PCF AT 26%
5	38	16	13 PCF AT 15%

DATUM 340

WESTERN RUN ROAD CONT'D



FOR PLAN VIEW OF TURN SLOT
SEE SHEET NO. 18

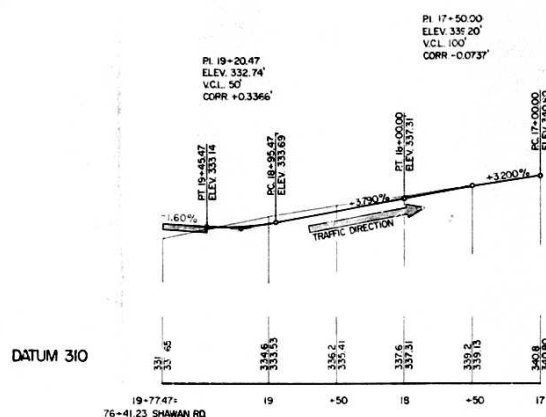
DATUM 320

SCALE PROFILE: HOR. 1 IN. = 50 FT.; VERT. 1 IN. = 10 FT.

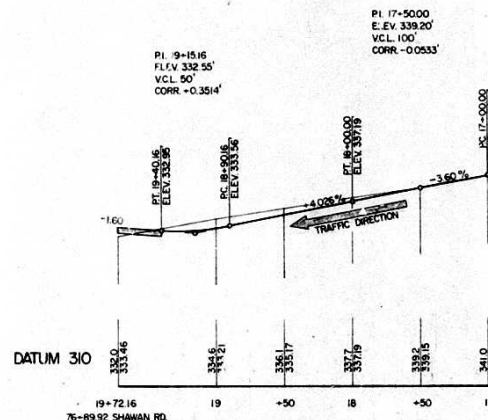
TURN SLOT
SHAWAN ROAD STA. 89+60 TO STA. 86+45.17

REVISIONS
1 8-18-73

STATE OF MARYLAND
 STATE ROADS COMMISSION
 BUREAU OF HIGHWAY DESIGN
 I-83 BALTO-HARRISBURG EXPWY WIDENING - N OF PRIDON RD TO N OF SHAWAN RD
 CONT. NO. B-578-90-472 F. A. P. NO. 1-83-216(117) SHEET NO. 32 OF 103
 PREL. TRAC. BY SU-9017(1) FINAL TRAC. BY GROUP NO. 3

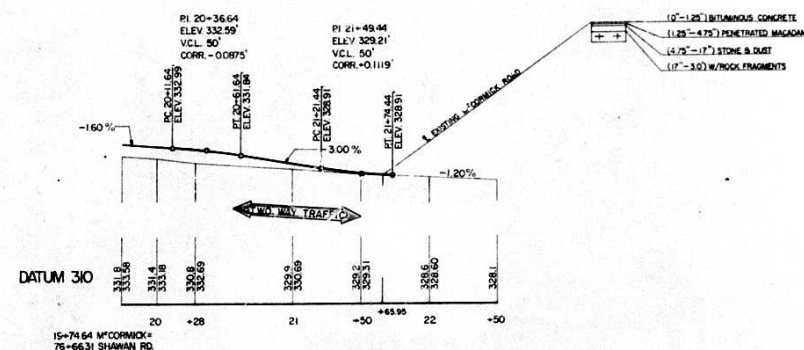


EAST ENTR. TO MASONIC HOME

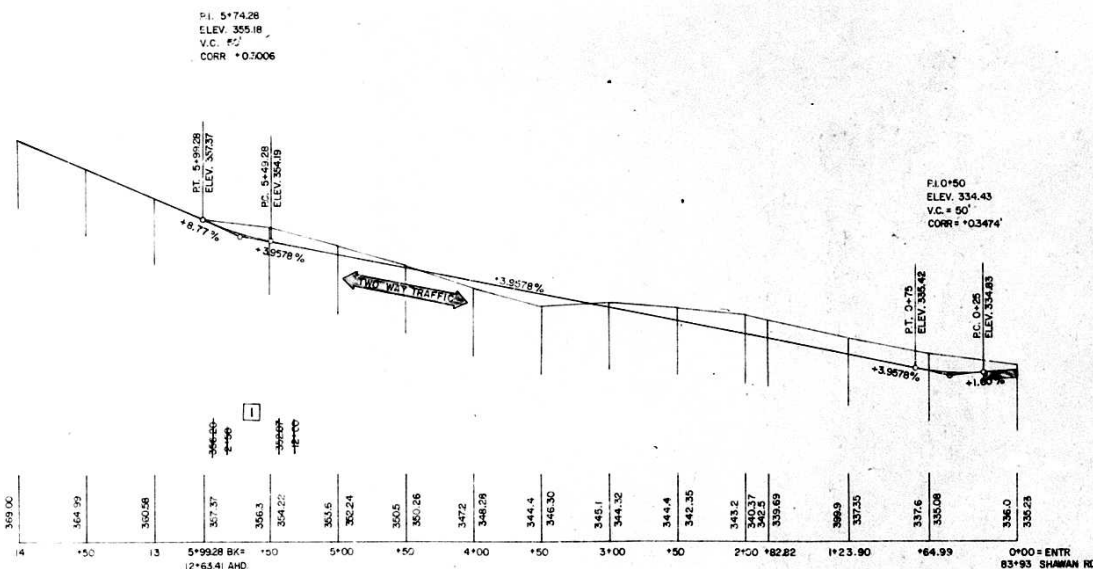


WEST EXIT FROM MASONIC HOME

FOR PLAN VIEW OF ENTRANCES
SEE SHEET NO. 19



M'CORMICK ROAD

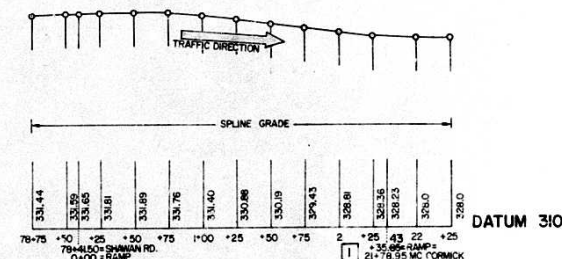


ENTRANCE RIGHT OF SHAWAN ROAD (WBR)

STA. 83+93

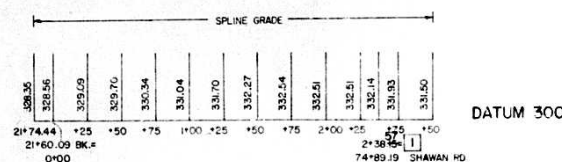
FOR PLAN VIEW OF ENTRANCE
SEE SHEET NO. 18

SCALE: PROFILE: HOR. 1 IN. = 50 FT.; VERT. 1 IN. = 10 FT.



RAMP SHAWAN TO M'CORMICK

FOR PLAN VIEW OF M'CORMICK ROAD
SEE SHEET NO. 19



RAMP M'CORMICK TO SHAWAN

REVISIONS		STATE OF MARYLAND STATE ROADS COMMISSION	
1	8-16-73	BUREAU OF HIGHWAY DESIGN	
		I-83 BALTO.-HARRISBURG EXCHG. WIDENING - N. OF PADONIA RD. TO N. OF SHAWAN RD.	
		CONT. NO. 8-578-90-4/2 F.A.P. NO. I-83-2(6)17 SU 9017(1) SHEET NO. 33 OF 103	
		PREL. TRAC. BY FINAL TRAC. BY GROUP NO. 3	

FOR PAVEMENT AND SHOULDER WIDTH TRANSITION
LEFT AND RIGHT SEE SHEET NO. 22

— CULVERT DATA

*CORED HOLES IN 54" EXISTING PIPE EQUIVALENTIAL TO COST OF 41" PIPES

NO.	LOCATION	STATION	OFFSET	TYPE OF STRUCTURE	V.D.	PLAN SHEET	REMARKS
A1	SHALAN RD.	259+50	92' RT.	STD. TYPE 'A' INLET, OPEN END GRATE	3.0'		10' F 5" CONC GUTTER
A2	I-83	259+30	92' RT.	STD. TYPE 'A' INLET, OPEN END GRATE	3.0'		10' F 5" CONC GUTTER
A3	SHALAN RD.	99+00	76.5' RT.	STD. TYPE 'A' COMB. INLET, DOUBLE GRATE TANDEM	5.0'		
A4	I-83	261+50	0' MEDIAN	STD. TYPE 'A' INLET, OPEN END GRATE	3.0'		10' F 5" CONC GUTTER
A5	I-83	259+20	0' MEDIAN	STD. TYPE 'A' INLET, OPEN END GRATE	3.0'		10' F 5" CONC GUTTER
A6	SHALAN RD.	100+00	76.5' RT.	27" x 24" x 18" R.C.C. PIPE CONNECTION	---		
A7	I-83	259+30	92' RT.	STD. TYPE 'A' INLET, OPEN END GRATE	3.0'		10' F 5" CONC GUTTER
A8	SHALAN RD.	100+95	76.5' RT.	30" x 27" x 18" R.C.C. PIPE CONNECTION	---		
A9	SHALAN RD.	103+05	76.5' RT.	STD. TYPE 'A' COMB. INLET DOUBLE GRATE TANDEM	5.5'		
A10	LOOP H	301+46	15.5' RT.	STD. TYPE 'A' INLET, OPEN END GRATE	2.8'		20' F 5" CONC GUTTER
A11	LOOP H	301+40	19.0' LT.	STD. TYPE 'A' INLET, OPEN END GRATE	4.5'		10' F 5" CONC GUTTER
A12	SHALAN RD.	105+00	0' MEDIAN	STD. TYPE 'A' INLET, OPEN END GRATE	4.2'		20' F 5" CONC GUTTER
A13	SHALAN RD.	105+45	---	STD. CONCRETE END SECTION FOR 36" R.C.C. PIPE	---		
B1	SHALAN RD.	99+32	76.5' LT.	STD. TYPE 'A' COMB. INLET, DOUBLE GRATE TANDEM	4.2'		
B2	SHALAN RD.	97+50	0' MEDIAN	STD. TYPE 'A' INLET, OPEN END GRATE	3.2'		10' F 5" CONC GUTTER
B3	SHALAN RD.	97+62	66.5' LT.	STD. TYPE 'A' COMB. INLET, DOUBLE GRATE TANDEM	3.1'		
B4	SHALAN RD.	911+00	16.0' LT.	STD. TYPE 'A' INLET, OPEN END GRATE	1.2'		10' F 5" CONC GUTTER
B5	RAINF 'C'	910+50	7' 0' LT.	STD. DRAIN MANHOLE, TYPE 'C' FRAME AND COVER	11.0'		
B6	RAINF 'C'	910+80	70.0' RT.	STD. END SUPPORT WALL FOR 24" R.C.C. PIPE	---		
C1	SHALAN RD.	95+35	100.0' RT.	STD. TYPE 'A' INLET, OPEN END GRATE	3.0'		10' F 5" CONC GUTTER
C2	SHALAN RD.	95+35	86.5' LT.	STD. TYPE 'A' COMB. INLET, DOUBLE GRATE TANDEM	8.1'		
C3	SHALAN RD.	95+10	97.0' LT.	18" DIA. STUR IN 8' x 4' x 5' 9" S.P.C.E.	---		
D1	SHALAN RD.	91+75	82.4' LT.	STD. TYPE 'A' COMB. INLET, DOUBLE GRATE TANDEM	4.2'		
D2		90+00	79.1' LT.		5.1'		
D3		86+80	73.2' LT.		6.7'		
D4		84+50	69.0' LT.		5.9'		
D5		81+50	63.5' LT.		6.5'		
D6		80+27	61.2' LT.		6.7'		
D7		79+77	60.3' LT.	STD. TYPE 'A' COMB. INLET, DOUBLE GRATE TANDEM	7.2'		
D8		79+67	59.8' LT.	21" DIA. CORFD HOLE IN EXISTING 54" R.C.C. PIPE	---		
D9		79+27	59.3' LT.	STD. TYPE 'A' COMB. INLET, DOUBLE GRATE TANDEM	7.8'		
D10	SHALAN RD.	79+27	65.0' LT.	21" DIA. CORFD HOLE IN EXISTING 54" R.C.C. PIPE	---		
E1	MCCKINLEY RD.	21+79	25.0' RT.	STD. TYPE 'A' COMB. INLET, DOUBLE GRATE TANDEM	4.0'		
E2	MCCKINLEY RD.	21+79	25.0' RT.	STD. TYPE 'A' COMB. INLET, DOUBLE GRATE TANDEM	4.7'		
E3	MCCKINLEY RD.	21+79	40.0' RT.	18" DIA. CORFD HOLE IN EXISTING 54" R.C.C. PIPE	---		
F1	I-83	250+71.15	86.0' RT.	STD. TYPE 'A' COMB. INLET, DOUBLE GRATE TANDEM	3.5'		
F2		250+71.15	140.0' RT.	STD. CONCRETE END SECTION FOR 18" R.C.C. PIPE	---		
F3		248+30	86.0' RT.	STD. TYPE 'A' COMB. INLET, DOUBLE GRATE TANDEM	3.5'		
F4		248+30	125.0' RT.	STD. CONCRETE END SECTION FOR 18" R.C.C. PIPE	---		
F5		246+00	86.0' RT.	STD. TYPE 'A' COMB. INLET, DOUBLE GRATE TANDEM	3.5'		
F6		246+00	120.0' RT.	STD. CONCRETE END SECTION FOR 18" R.C.C. PIPE	---		
F7		243+70	86.0' RT.	STD. TYPE 'A' COMB. INLET, DOUBLE GRATE TANDEM	3.5'		
F8		241+40	86.0' RT.	STD. TYPE 'A' COMB. INLET, DOUBLE GRATE TANDEM	4.0'		
F9		240+55	83.0' RT.	STD. TYPE 'A' COMB. INLET, DOUBLE GRATE TANDEM	4.0'		
F10	I-83	240+00	110.0' RT.	STD. CONCRETE END SECTION FOR 18" R.C.C. PIPE	---		10' F 5" CONC GUTTER

STATE OF MARYLAND
STATE ROADS COMMISSION
BUREAU OF HIGHWAY DESIGN

FEB 19 1976