

PUBLIC MEETING HANDOUT



Harpers Ferry High Street Improvements

Date & Time

Location

State Project
U319-HAR/PE-2.00

Federal Project
TAP-2017(082)DTC

April 17, 2025
5 PM - 8 PM

Camp Hill-Wesley
United Methodist Church
601 Washington St.
Harpers Ferry, WV 25425

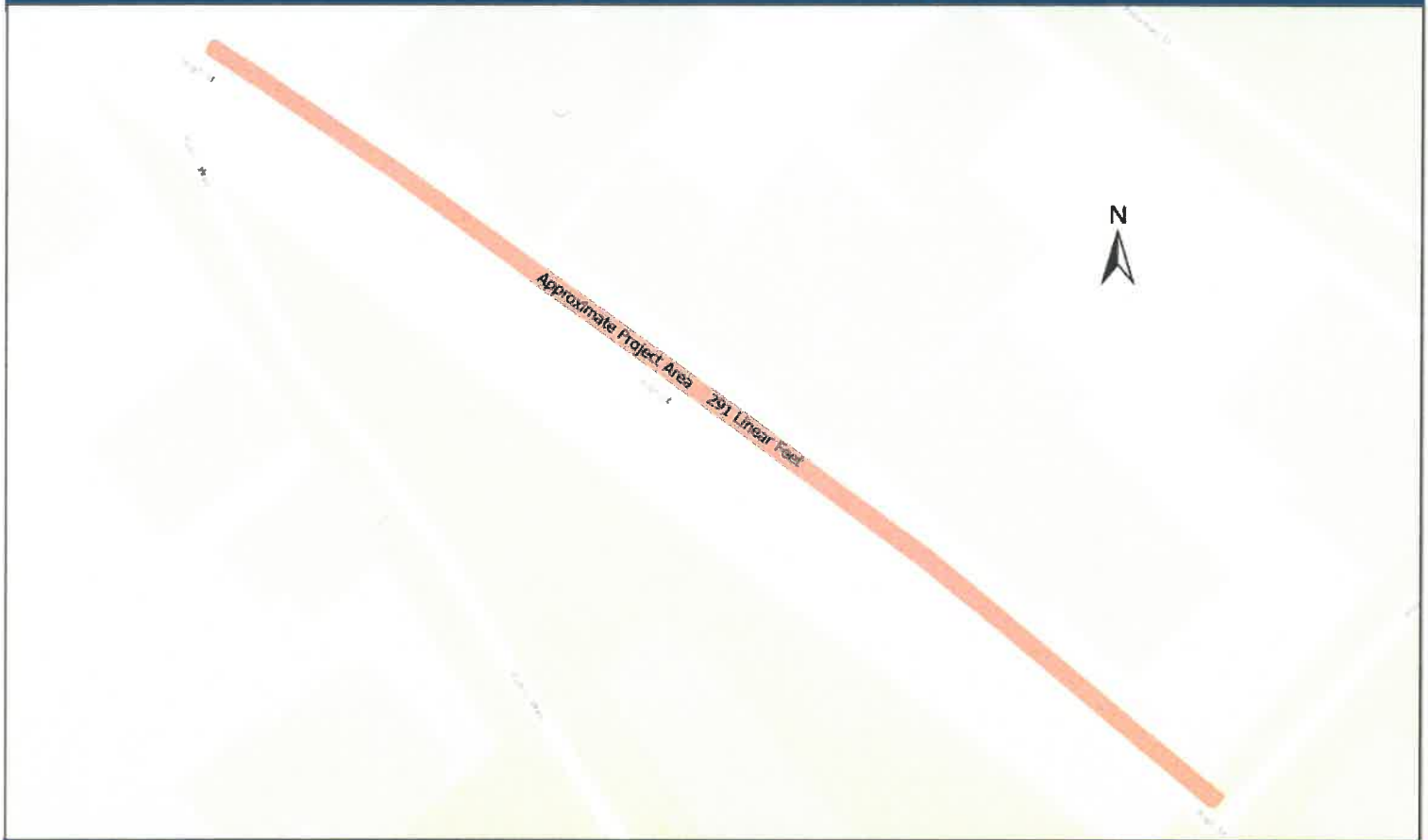
Project History

The Corporation of Harpers Ferry received two Transportation Alternative grants to replace the sidewalk along High Street. Rummel, Klepper & Kahl (RK&K) was selected to prepare a design study and related documents for the construction of the sidewalk. The two-phased approach to the project was selected due to the historical significance of Harpers Ferry and the proximity to Harpers Ferry National Historical Park.

Scope of Work

The scope of the project includes 291 linear feet of work along the north side of High Street between Hog Alley to Public Way. It involves shifting the roadway alignment between Hog Alley and Public Way two feet to the south and widening the existing sidewalk equivalently. Work will include a new 12" thick retaining wall and metal railing. All materials will be replaced in-kind.

Project Area Map



Purpose & NEPA Compliance

The WVDOH has begun consulting with various state and federal agencies so that we may update the necessary compliance documents pursuant to the National Environmental Policy Act including Section 106 of the National Historic Preservation Act. The WVDOH's goal is to minimize any effects to the natural/cultural resources and business and property owners while improving the quality of life for the people who live, work, and recreate in Harpers Ferry.

Public Comments

The West Virginia Division of Highways (WVDOH) is asking for comments regarding this project from all interested stakeholders. All comments will be used during the environmental phase to assist in evaluating the impacts to natural/cultural resources and business and property owners.

TO COMMENT: see pg. 3 of this handout ; **email** karen.e.allen@wv.gov ;
or **visit** transportation.wv.gov/highways/Planning/comment/Pages/default.aspx

Comments must be received by the 17th of May, 2025

DATE:

Mr. Timothy Sedosky, Director
Planning Division
West Virginia Division of Highways
Building 6, Room 220
1900 Kanawha Blvd. E
Charleston, West Virginia 25305

MEETING DATE: Thursday, April 17, 2025, 5:00-8:00 PM

LOCATION: Camp Hill-Wesley United Methodist Church
601 Washington St. Harpers Ferry, WV 25425

SUBJECT: PUBLIC INFORMATIONAL MEETING

PROJECT: Harpers Ferry High Street Improvements
U319-HAR/PE-2.00 TAP-2017(082)DTC

COMMENTS DUE: Saturday, May 17th, 2025

Please consider the following comments:

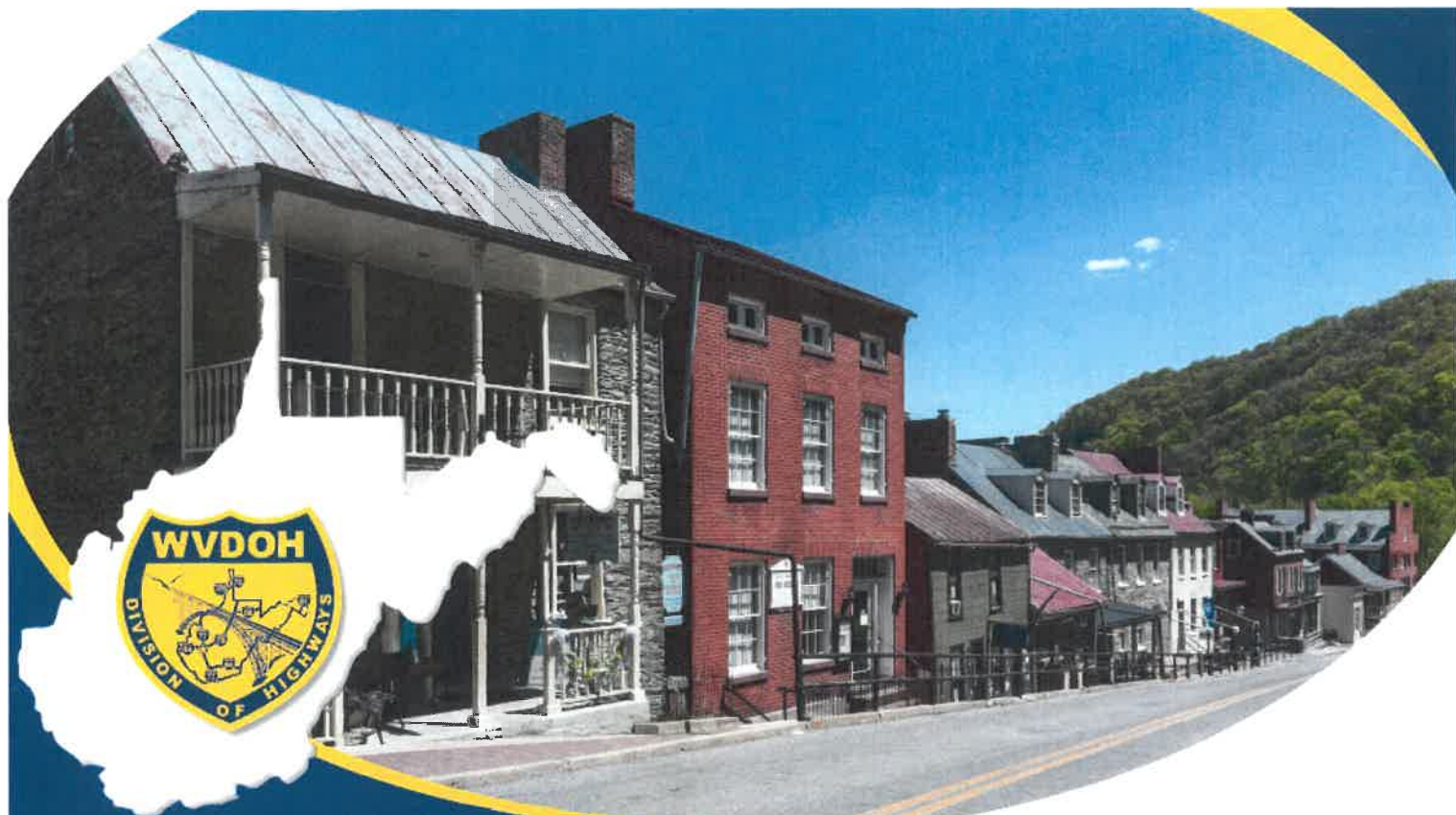
NAME: _____

ADDRESS: _____

ORGANIZATION (IF ANY): _____

How did you hear about the Public Meeting?: _____

Project Information and Comment forms can be found online and comments can be submitted via our WVDOH website at transportation.wv.gov/highways/Planning/comment/Pages/default.aspx



PUBLIC MEETING

April 17, 2025

5 PM - 8 PM

**Camp Hill-Wesley
United Methodist Church**

**601 Washington St.
Harpers Ferry, WV 25425**



Project Name

Harpers Ferry High Street
Improvements

State Project

U319-HAR/PE-2.00

Federal Project

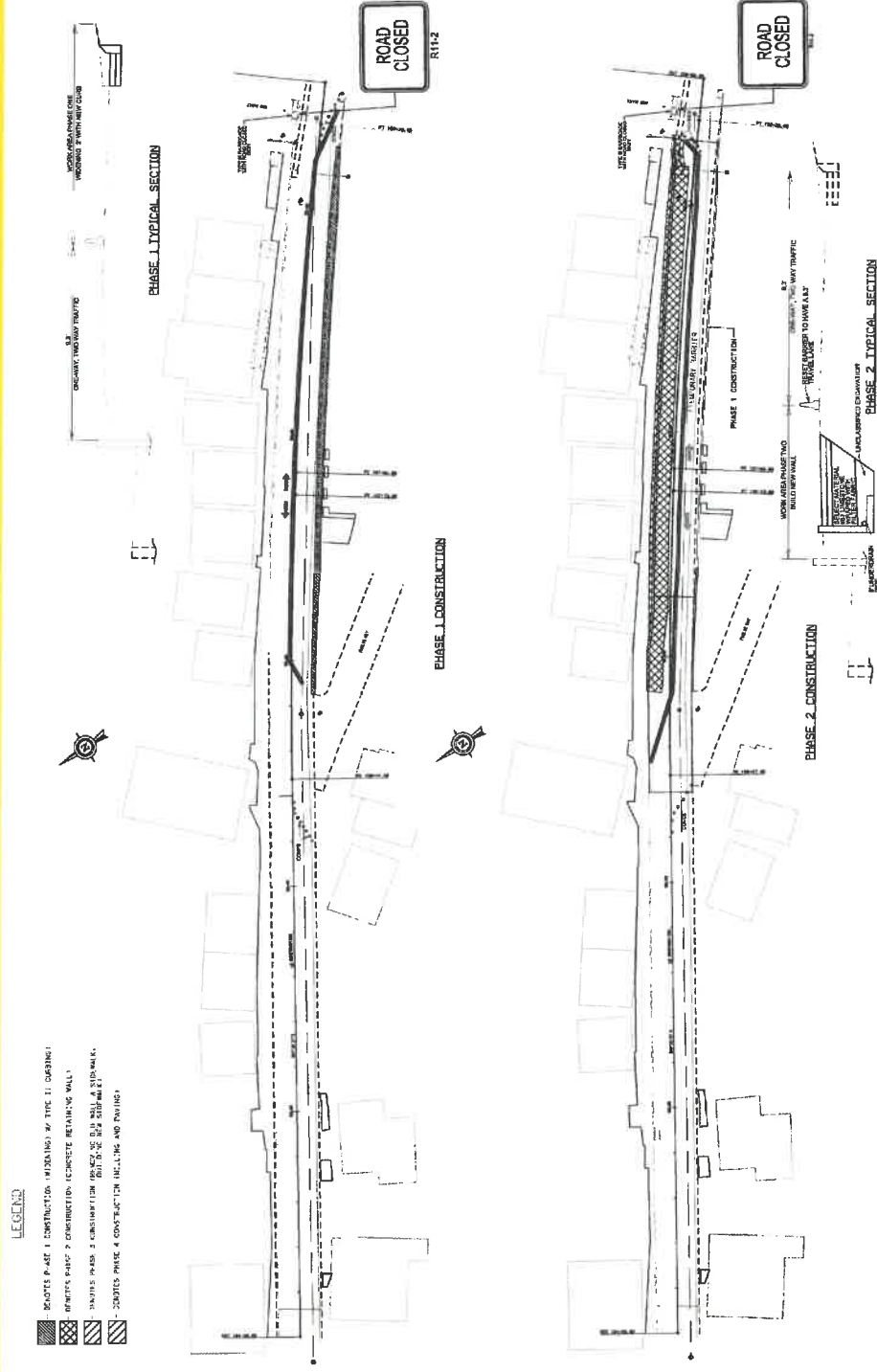
TAP-2017(082)DTC

AERIAL PHOTO PLAN REFERENCE



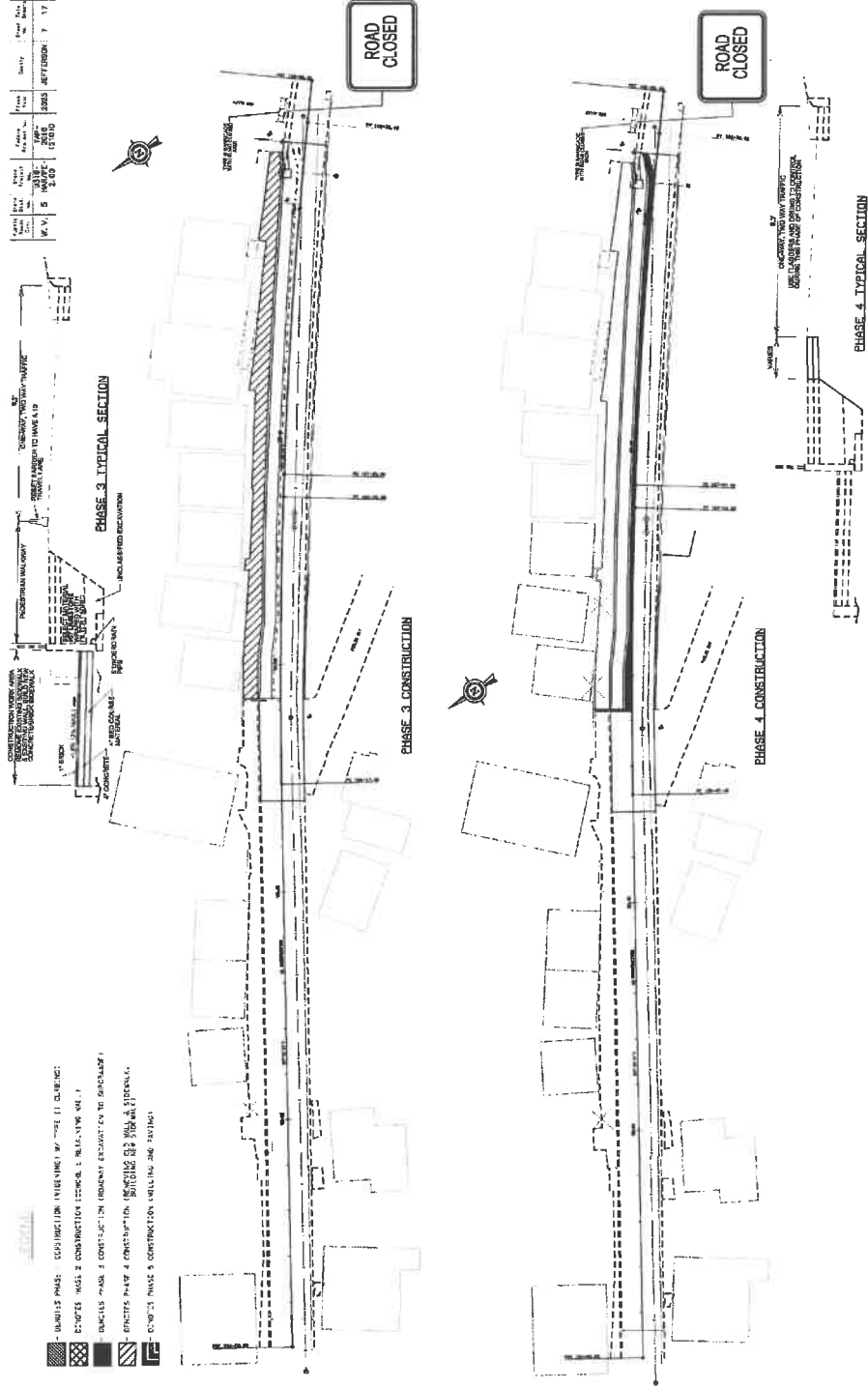
HARPERS FERRY HIGH STREET IMPROVEMENTS PROJECT

MAINTENANCE OF TRAFFIC - PHASES 1 & 2



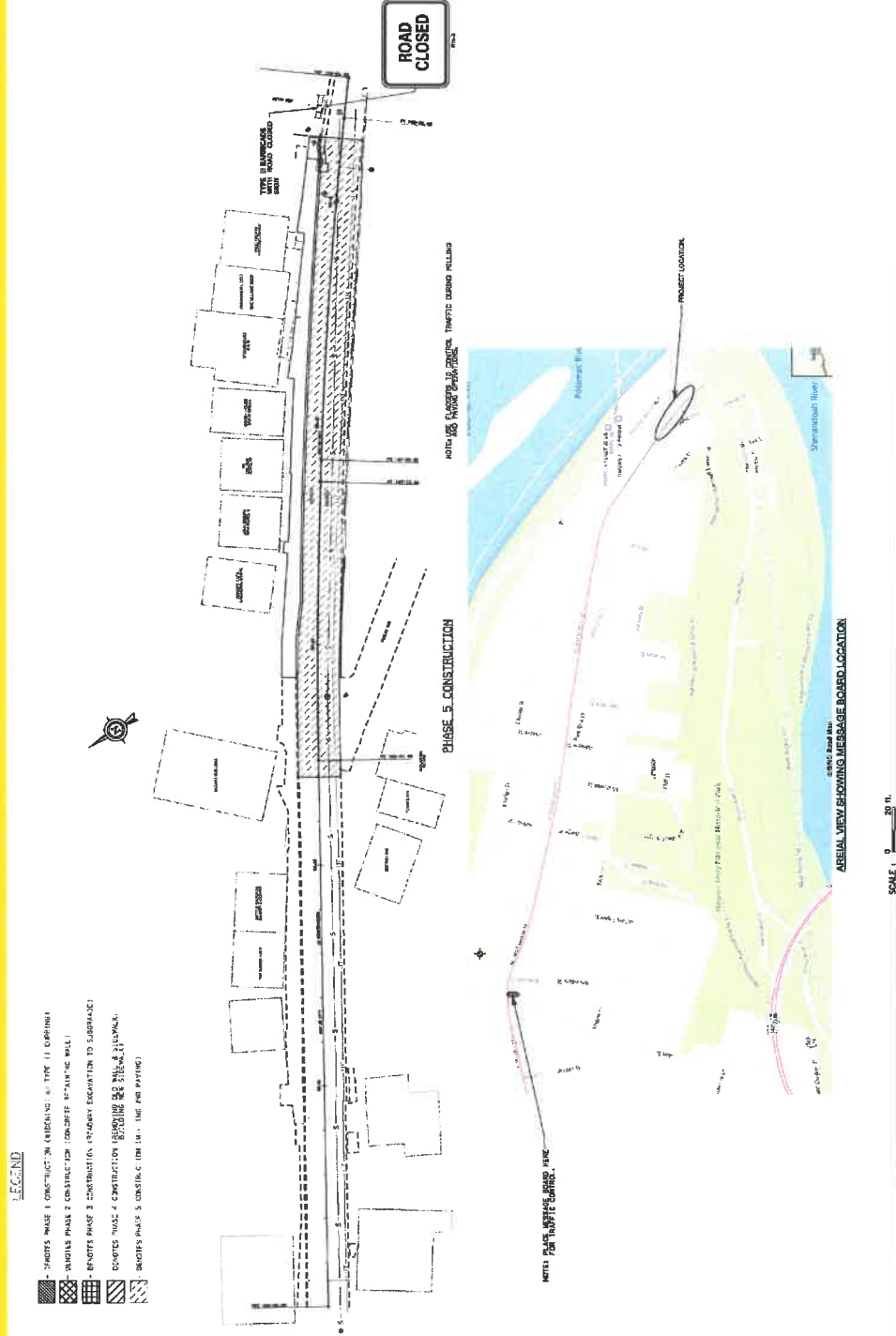
HARPERS FERRY HIGH STREET IMPROVEMENTS PROJECT

MAINTENANCE OF TRAFFIC - PHASES 3 & 4



HARPERS FERRY HIGH STREET IMPROVEMENTS PROJECT

MAINTENANCE OF TRAFFIC - PHASE 5

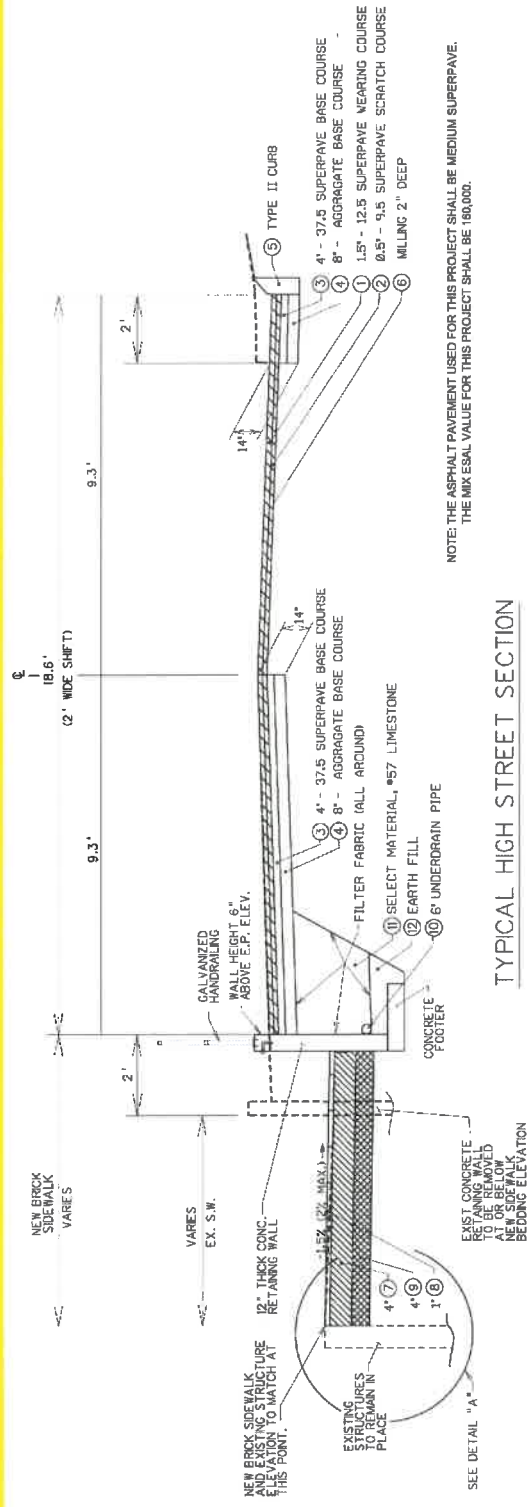


PLAN



HARPERS FERRY HIGH STREET IMPROVEMENTS PROJECT

TYPICAL SECTIONS



TYPICAL HIGH STREET SECTION

LEGEND

- ① ITEM 402001-045 SUPERPAVE ASPHALT SKID CRSE, SG, TY 12.5, PER TON
- ② ITEM 402001-046 SUPERPAVE ASPHALT SKID CRSE, S, TY 12.5, PER TON
- ③ ITEM 401007-040 SUPERPAVE ASPHALT SCRATCH CRSE, SG, TY 9.5, PER TON
- ④ ITEM 401007-041 SUPERPAVE ASPHALT SCRATCH CRSE, S, TY 9.5, PER TON
- ⑤ ITEM 401001-050 SUPERPAVE ASPHALT BASE CRSE, SG, TY 37.5 PER TON
- ⑥ ITEM 401001-051 SUPERPAVE ASPHALT BASE CRSE, S, TY 37.5 PER TON
- ⑦ ITEM 307001-000 AGGREGATE BASE COURSE, CLASS 1, PER CY
- ⑧ ITEM 610001-002 PLAIN CONCRETE CURBING, TYPE II, PER LF
- ⑨ ITEM 415005-001 STANDARD MILLING, PER SY
- ⑩ ITEM 609001-001 CONCRETE SIDEWALK, PER SY
- ⑪ ITEM 672002-002 SITE FURNISHINGS, BRICK SIDEWALK, PER LS
- ⑫ ITEM 609002-001 BED COURSE MATERIAL, PER CY
- ⑬ ITEM 606025-004 6 INCH UNDERDRAIN PIPE, PER LF
- ⑭ ITEM 212005-000 SELECT MATERIAL FOR BACKFILL, NO. 57 LIMESTONE, CY
- ⑮ ITEM 207009-000 UNCLASSIFIED EXCAVATION, PER LS



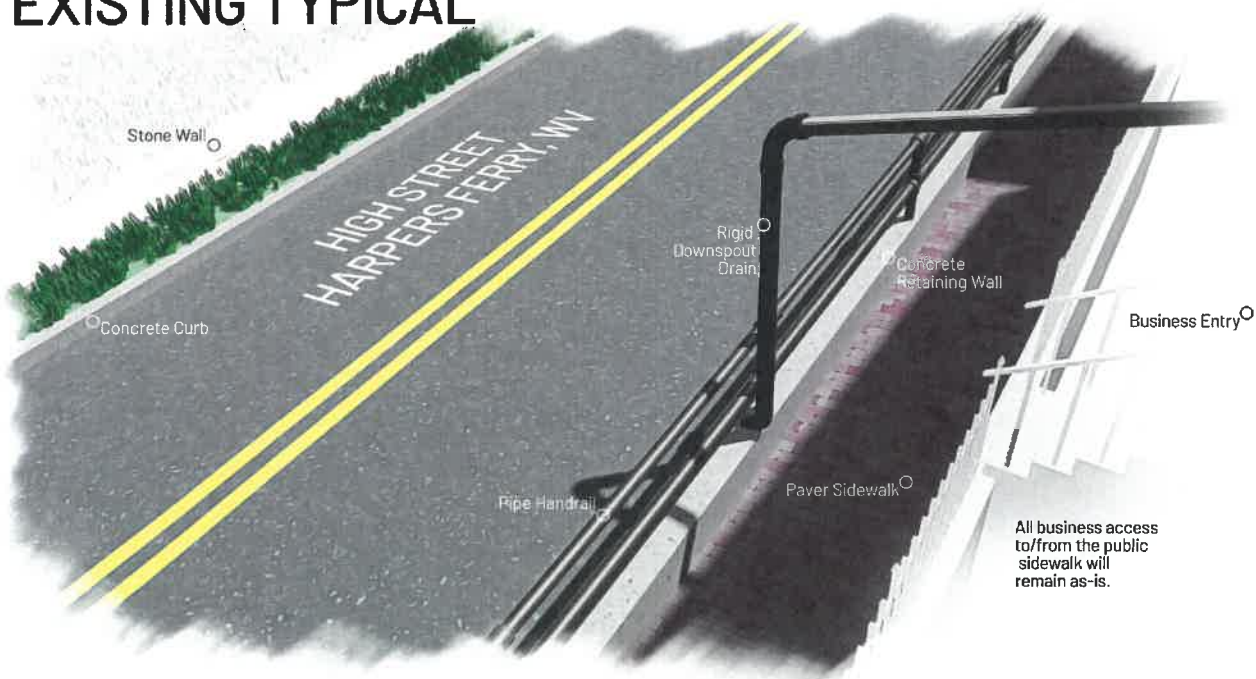
DETAIL "A"



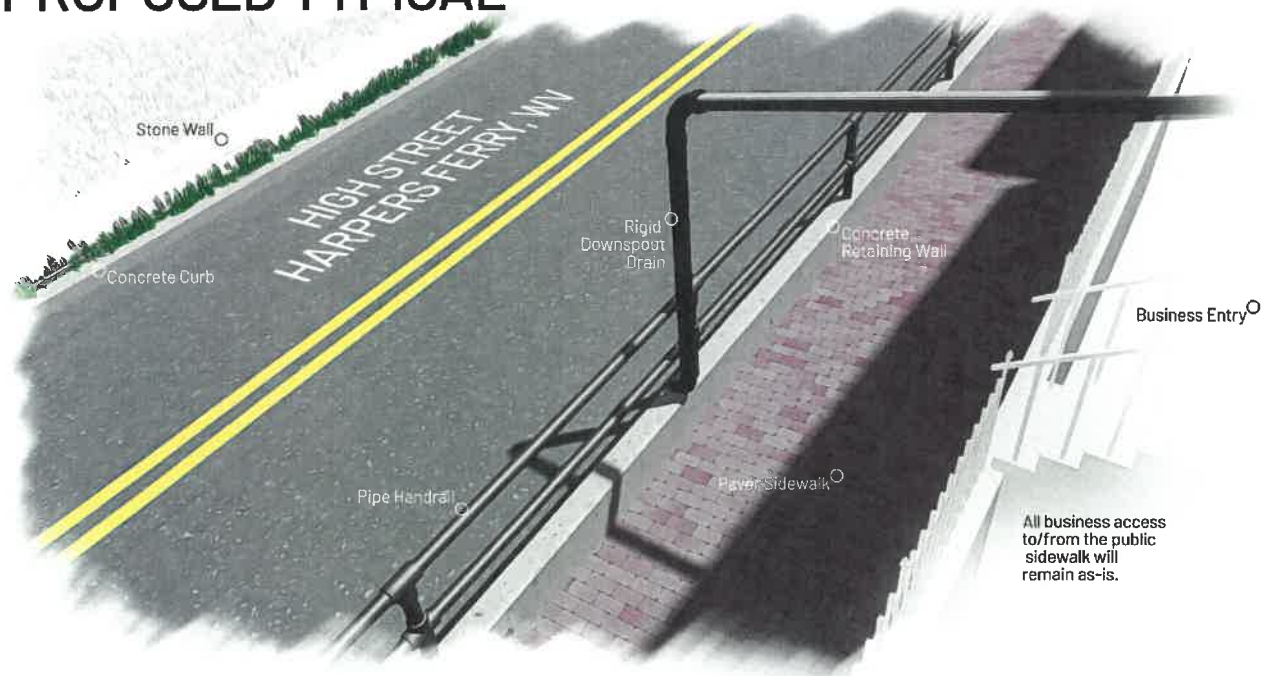
HARPERS FERRY HIGH STREET IMPROVEMENTS PROJECT

EXISTING V. PROPOSED ILLUSTRATIONS

EXISTING TYPICAL



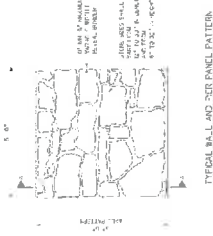
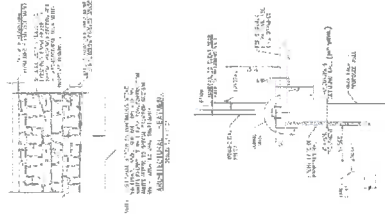
PROPOSED TYPICAL



HARPERS FERRY HIGH STREET IMPROVEMENTS PROJECT

RETAINING WALL FINISH OPTIONS

MO355 in Bethesda, MD



Kepler Bridge, WV



Big Road over US39, Charlottesville, VA



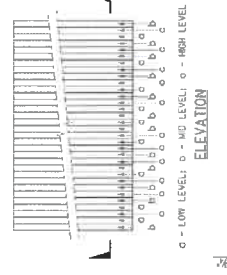
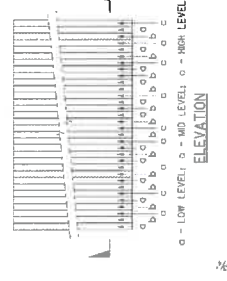
Lower Church Road over MD32, Chaptain, MD



US 18 Storage Road
Chaptain, MD



MD43 over I-68, Baltimore County, MD



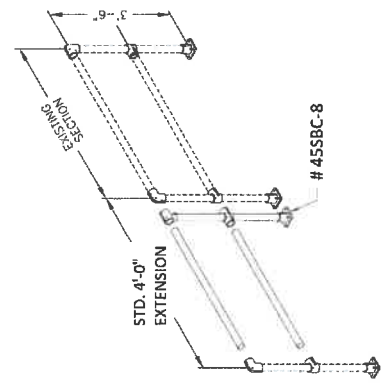
SECTION
TEXTURED CONCRETE FORMLINER
PATTERN B
NOT TO SCALE

SECTION
TEXTURED CONCRETE FORMLINER
PATTERN A
NOT TO SCALE

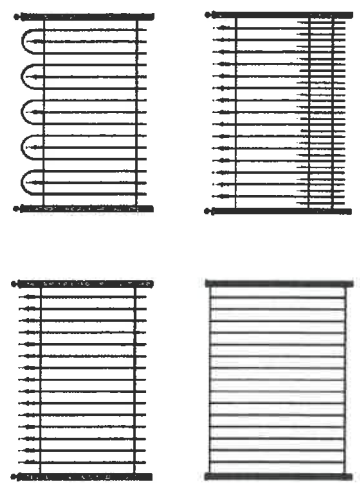
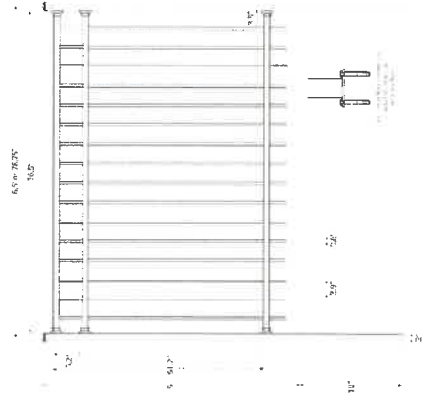


HARPERS FERRY HIGH STREET IMPROVEMENTS PROJECT

HANDRAIL OPTIONS

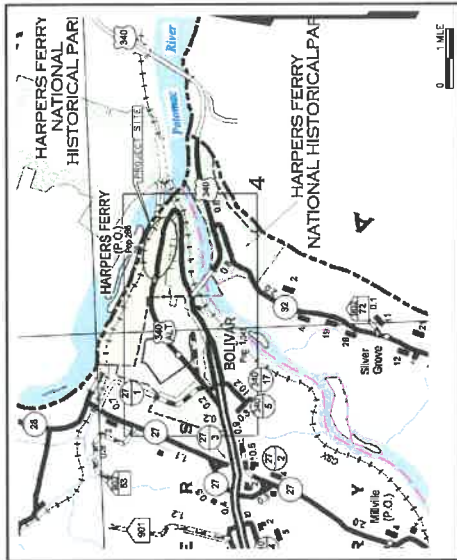


Pipe Rolling



Wrought Iron Fence
Commercial/Residential Grades
3 and 4 foot heights available





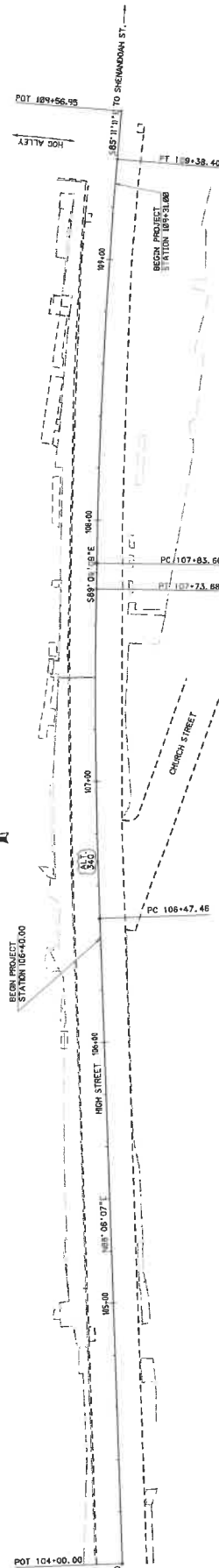
WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS PLANS FOR CONSTRUCTION

FEDERAL PROJECT NO. TAP-2018(210)D
STATE PROJECT NO. U319-HAR/PE-2.00
ROUTE NO. ALT. 340
DISTRICT FIVE
JEFFERSON COUNTY

HARPERS FERRY HIGH ST 2016

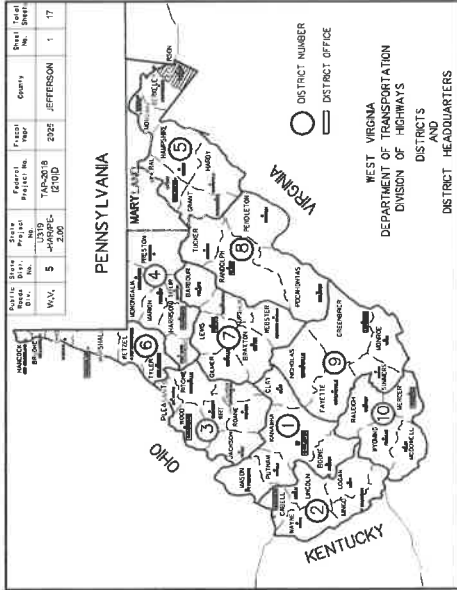
Station 106+40.00 to 109+31.00 f. t. miles
Roadway 291 0.055
Total Project Length 291 0.055

UTILITIES



TYPE OF SUBMISSION

CURBING, CONCRETE RETAINING WALL,
BRICK SIDEWALK, MILLING AND PAVING



PLAN HOR. 10 ft. 10 ft.

PROFILE VERT. 10 ft. 10 ft.

DESIGNATION

- A. D. T. 100 - J
- A. D. T. 100 - J
- D. H. V
- T.
- V.

CONVENTIONAL SIGNS

- STATE LINE
- COUNTY LINE
- PROPOSED R/W & EASEMENT LINE
- EXISTING R/W LINE
- PROPERTY LINE
- EXISTING FENCE
- PROPOSED FENCE
- EDGE OF STREAM
- PROPOSED GUARD RAIL
- EXISTING GUARD RAIL
- EXISTING GUARD RAIL
- WATER LINE
- SEWER LINE
- ELECTRIC LINE
- TELEPHONE POLE
- POWER POLE
- COMBINED POWER AND TELEPHONE POLE
- TREE
- SHRUB
- RIGHT OF WAY MARKER

LAYOUT SCALE

0 20 ft.

INDEX TO SHEETS

NO.	DESCRIPTION
1	TITLE SHEET
2	TYPICAL SECTIONS
3	QUANTITY OF MATERIALS
4	GENERAL NOTES
5	TRAFFIC PLAN
6	GEOMETRIC LAYOUT - CONTROL POINTS
7	PLAN
8	PROFILE
9	PROPOSED RETAINING WALL DETAILS
10	CROSS SECTIONS
11	WALL LIGHTING PLAN

60% PLANS

REVISIONS	DATE	BY

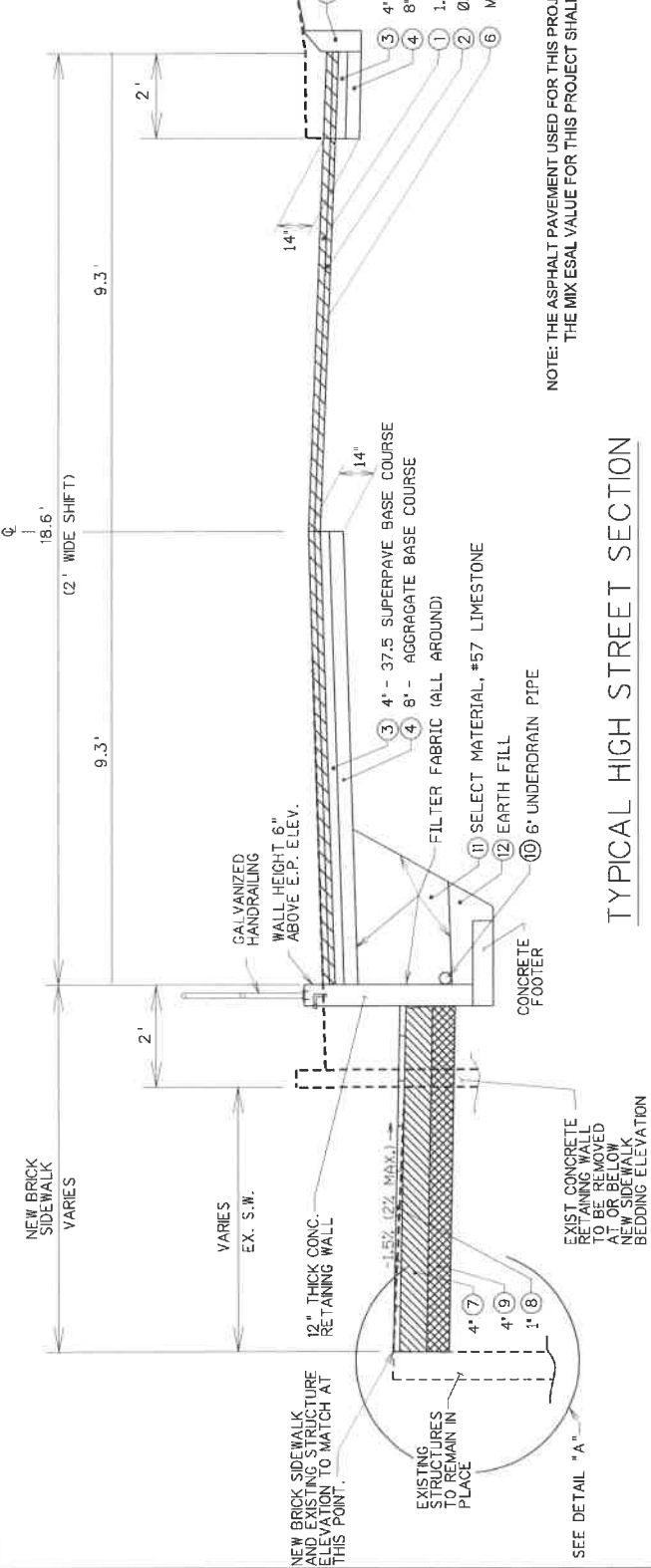
PLANS PREPARED BY:
RUMBLE, KLEPPER & KAHL, LLP
CONSULTING ENGINEERS

SIGNED: _____
DATED: 8/10/2022
KEYER: RW

RECOMMENDED: _____ PROJECT MANAGER
FOR APPROVAL: _____ CHIEF ENGINEER
APPROVED: _____ COMMISSIONER OF HIGHWAYS

PROJECT NO. U319-HAR/PE-2.00 & TAP-2018(210)D

Public Works Dist.	State No.	Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W. V.	5	HARPE-2016-2-10	2025	JEFFERSON	2	18

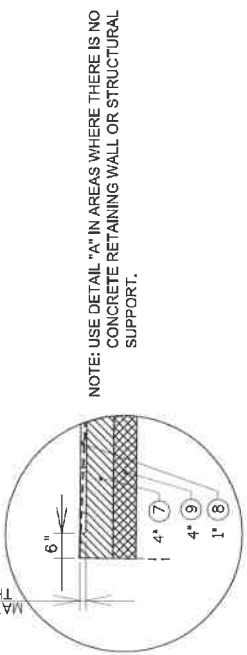


NOTE: THE ASPHALT PAVEMENT USED FOR THIS PROJECT SHALL BE MEDIUM SUPERPAVE.
THE MIXESAL VALUE FOR THIS PROJECT SHALL BE 160,000.

TYPICAL HIGH STREET SECTION

LEGEND

- 1 ITEM 402001-045 SUPERPAVE ASPHALT SKID CRSE, SG, TY 12.5, PER TON
- 1 ITEM 402001-046 SUPERPAVE ASPHALT SKID CRSE, S, TY 12.5, PER TON
- 2 ITEM 401007-040 SUPERPAVE ASPHALT SCRATCH CRSE, SG, TY 9.5, PER TON
- 2 ITEM 401007-041 SUPERPAVE ASPHALT SCRATCH CRSE, S, TY 9.5, PER TON
- 3 ITEM 401001-050 SUPERPAVE ASPHALT BASE CRSE, SG, TY 37.5 PER TON
- 3 ITEM 401001-051 SUPERPAVE ASPHALT BASE CRSE, S, TY 37.5 PER TON
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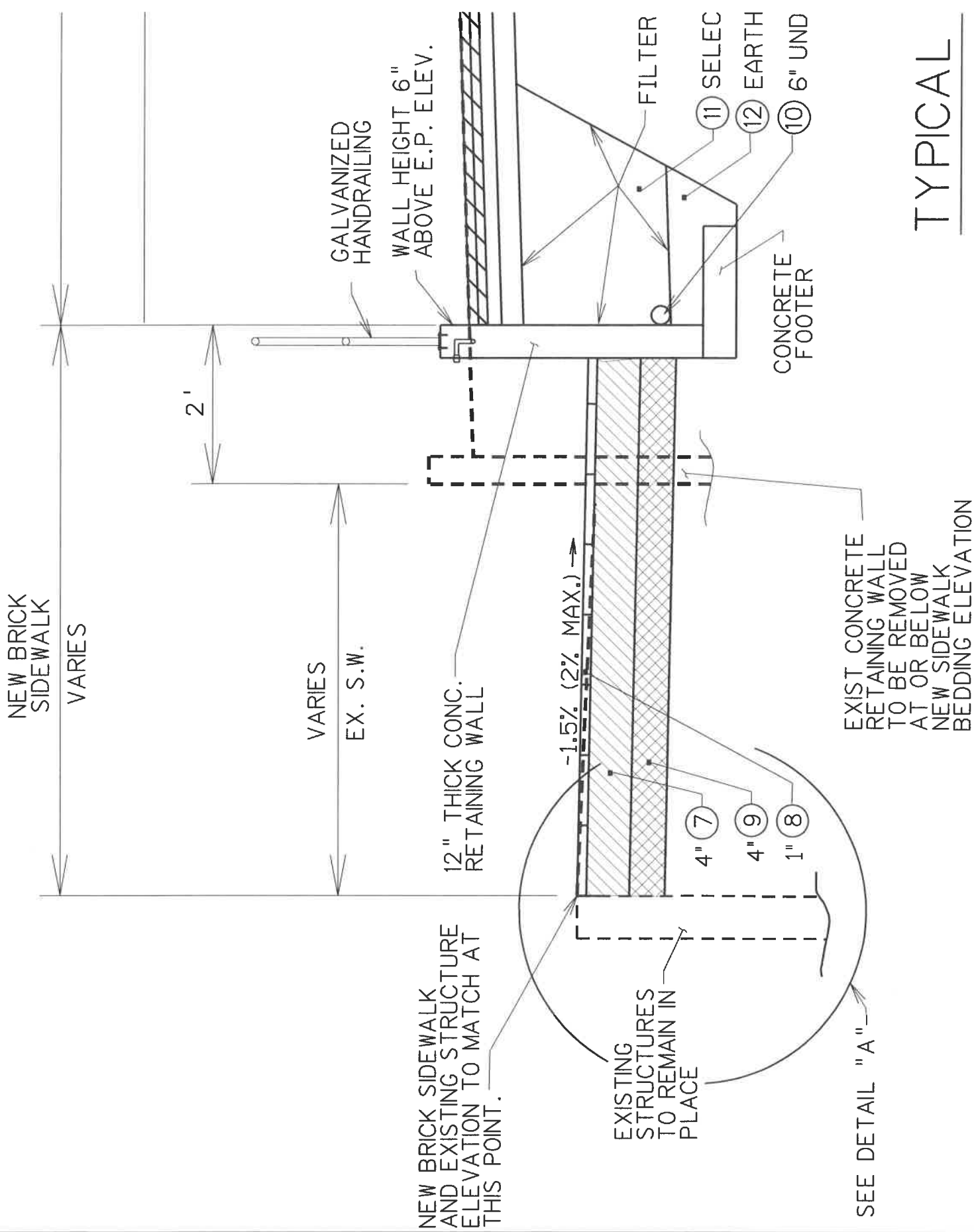


DETAIL "A"

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1000 10th Street, NW
Washington, DC 20004
www.rk-engineering.com

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

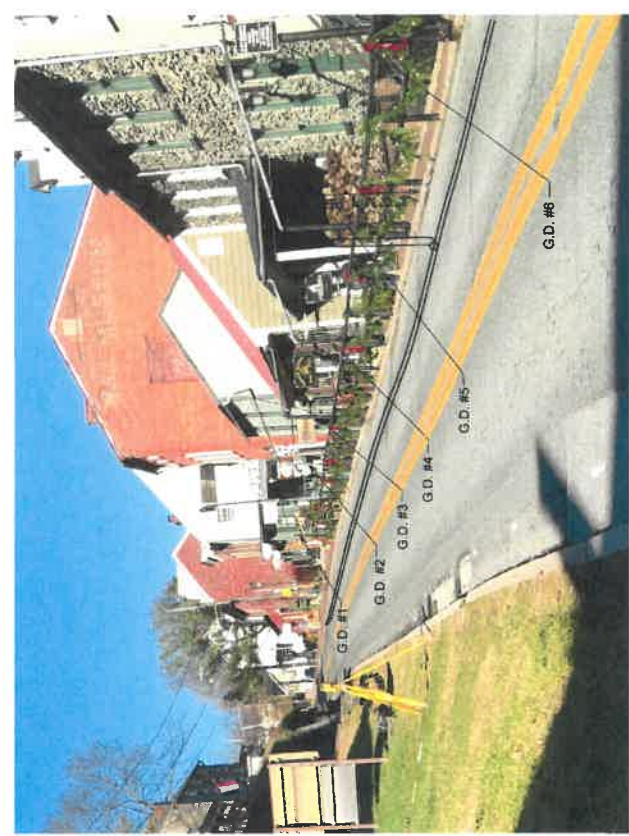
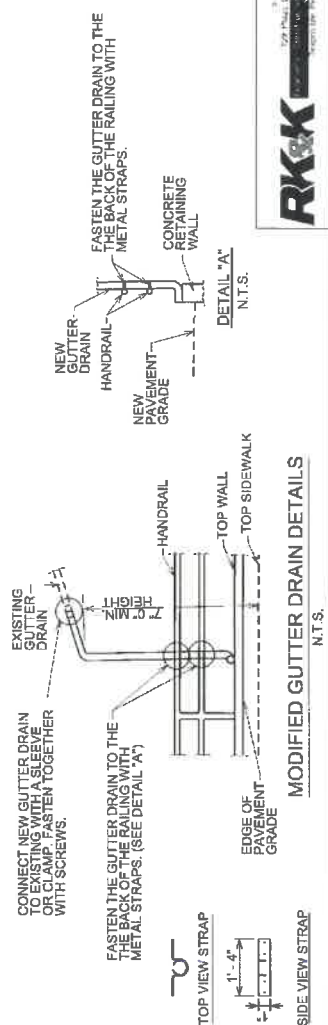
TYPICAL SECTIONS



TYPICAL

Sheet No.	5	Project No.	20170023	Year	2020	Drawn By	JEFFERSON	Scale	1" = 10'	Sheet No.	3	Total Sheets	16
W.V.	5	Highway	20170023	2020	JEFFERSON	3	16						

SUMMARY OF QUANTITIES			
ITEM No.	ALT.	DESCRIPTION	AS-BUILT QUANTITY
INCIDENTAL ITEMS			
204001-000		MOBILIZATION	1
207009-000		UNCLASSIFIED EXCAVATION	1
212005-000		SELECT MATERIAL FOR BACK FILLING	130
307001-000		AGGREGATE BASE COURSE, CLASS I	60
415005-001		STANDARD MILLING	967
601002-001		CLASS B CONCRETE	345
602002-001		EPOXY COATED STEEL BAR	20798
603004-001		TYPE B INLET	1
606002-004		6 INCH UNDERDRAIN PIPE	247
609002-001		BED COURSE MATERIAL	19
609003-001		CONCRETE SIDEWALK	165
609005-001		CURB RAMP	1
609006-001		DETECTABLE WARNING SURFACE	1
610001-002		PLAIN CONCRETE CURBING, TYPE II	263
617003-001		ALUMINUM RAILING	240
636007-001		ERADICATION OF PAVEMENT MARKINGS	476
636008-002		TEMPORARY PAVEMENT MARKINGS	634
636011-001		TRAFFIC CONTROL DEVICE	2390
636012-010		PROJECT TRAFFIC CONTROL DEVICE CLEANING	2
636013-001		INDIVIDUAL TRAFFIC CONTROL DEVICE CLEANING	10
636014-001		FLAGGER	1056
636017-001		TEMPORARY BARRIER, TL-1	304
636022-001		CHANGEABLE MESSAGE SIGN	280
636023-002		TEMPORARY TRAFFIC SIGNAL, PORTABLE	3
636025-001		WARNING LIGHTS, TYPE B	260
640001-001		CONSTRUCTION LAYOUT STAKE	1
663002-045		SMALL FIELD OFFICE	3
663003-010		CENTERLINE, TYPE IX - 6 IN	291
672002-002		CROSSWALK LINE, TYPE V - 12 IN X 6 FT	54
672002-002		SITE FURNISHINGS, BRICK SIDEWALK	1
672002-003		SITE FURNISHINGS, GUTTER DOWNSPOUTS	6
ROADWAY ITEMS			
401001-050		AA1 SUPERPAVE ASPHALT BASE COURSE, STONE OR GRAVEL, TYPE 37.5	80
401001-051		AA2 SUPERPAVE ASPHALT BASE COURSE, SLAG, TYPE 37.5	72
401007-040		BB1 SUPERPAVE ASPHALT SCRATCH COURSE, STONE OR GRAVEL, TYPE 9.5	19
401007-041		BB2 SUPERPAVE ASPHALT SCRATCH COURSE, SLAG, TYPE 9.5	18
402001-045		CC1 SUPERPAVE ASPHALT SKID PAVEMENT, STONE OR GRAVEL, TY 12.5	56
402001-046		CC2 SUPERPAVE ASPHALT SKID PAVEMENT, SLAG, TY 12.5	53



MODIFIED GUTTER DRAIN NOTES

- NOTE: 1. G.D. DENOTES THE GUTTER DRAIN DOWNSPOUT. (TOTAL OF 6)
2. THE 7" MINIMUM CLEARANCE IS FROM THE BOTTOM OF THE GUTTER PIPE TO THE TOP OF THE NEW SIDEWALK ELEVATION.
3. THE OVERHEAD GUTTER PIPE SHALL BE MODIFIED IF NECESSARY TO REACH THE MINIMUM CLEARANCE AS SPECIFIED.
4. THE BID FOR ITEM 672002-003, SITE FURNISHINGS, GUTTER DOWNSPOUTS, SHALL INCLUDE ALL PIPE, ELBOWS, FASTENERS, AND LABOR NECESSARY TO COMPLETE THE MODIFICATIONS.

GENERAL NOTES

GOVERNING SPECIFICATIONS

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, STANDARD SPECIFICATIONS FOR CONSTRUCTION, 2017 EDITION, ADOPTED 2020, JANUARY 1, 2020, THE CONTRACT DOCUMENTS, AND THE CONTRACT PLANS ARE THE GOVERNING PROVISIONS APPLICABLE TO THIS PROJECT.

STANDARD DETAILS VOLUME I AND VOLUME II

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, STANDARD DETAILS BOOK, VOLUME I, DATED MAY, 2016 AND VOLUME II DATED JANUARY 1, 2020, SHALL APPLY TO THIS PROJECT. REVISIONS TO STANDARD DETAILS ARE TO BE FOUND AT:

<http://www.transportation.wv.gov/highways/specifications/updates.aspx>

EROSION AND SEDIMENT CONTROL

DETAILS NOT SHOWN IN THE PLANS SHALL BE IN ACCORDANCE WITH THE WEST VIRGINIA DEPARTMENT OF HIGHWAYS EROSION AND SEDIMENT CONTROL MANUAL, DATED MARCH 1, 2001, WITH ADDENDUM DATED OCTOBER 1, 2004. IN THE EVENT THAT TEMPORARY EROSION AND POLLUTION CONTROL MEASURES ARE REQUIRED, THEY SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE EROSION AND SEDIMENT CONTROL MANUAL, AND SHALL BE SCHEDULED, MONITORED, MAINTAINED, AND REMOVED BY THE CONTRACTOR AT HIS OWN RISK AND EXPENSE.

NO.1 STAKEOUT CONTROLS

FOR ALL INLETS, THE STATION AND OFFSET FROM BASELINE CONSTRUCTION GIVEN IN THE PLANS IS TO THE CENTER OF THE INLET FOR MODIFIED MANHOLES AND INLETS IS TO THE CENTER OF MAIN CHAMBER, NOT THE RIBBER.

FOR INLETS ADJACENT TO THE CURB OR CURB AND GUTTER, THE CONTRACTOR SHALL LAYOUT THE CURB BEFORE STAKING THE INLET. TOP OF GRADE ELEVATIONS FOR THESE INLETS ARE AT THE FACE OF CURB.

VERIFICATION OF DIMENSIONS

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL PLAN AND ELEVATION DIMENSIONS PRIOR TO ORDERING MATERIAL FOR THE CONSTRUCTION OF THE VARIOUS BID ITEMS ON THIS PROJECT.

EXISTING SIGNS AND DELINEATORS

EXISTING SIGNS, AS SHOWN IN THE PLANS, TO BE REMOVED SHALL BE INCIDENT TO BID ITEM 20100-0000, CLEARING AND CHIPPING, ALL OTHER SIGNS AND DELINEATORS TO BE REMOVED OR RELOCATED BY THE CONTRACTOR, SHALL BE REPLACED AT THE EXISTING LOCATION BY THE CONTRACTOR AT HIS EXPENSE.

FLOODING SOURCE SIGNS

FLOODING SOURCE SIGNS WILL BE REQUIRED ON THIS PROJECT.

WASTE MATERIAL

ALL MATERIAL REMOVED AND NOT REUSED IN THE CONSTRUCTION OF THIS PROJECT WILL BE REMOVED FROM THE PROJECT SITE AND DISPOSED OF BY THE CONTRACTOR.

WORKING HOURS

IF THE DIVISION DETERMINES THAT SUFFICIENT NUMBER OF COMPLAINTS REGARDING THE CONSTRUCTION NOISE ARE RECEIVED, THE DIVISION RESERVES THE RIGHT TO PLACE LIMITS ON THE CONTRACTOR'S WORKING HOURS ON AREAS OF THE PROJECT. NO WORK SHALL BE PERMITTED BETWEEN THE HOURS OF 10:00 P.M. AND 6:00 A.M. WITHIN 500' OF ANY RESIDENCE. ALL CONSTRUCTION EQUIPMENT POWERED BY AN INTERNAL COMBUSTION ENGINE SHALL BE EQUIPPED WITH PROPERLY MAINTAINED SILENCER.

PAVEMENT MIX DESIGN

THE ASPHALT PAVEMENT USED FOR THIS PROJECT SHALL BE MEDIUM SUPERPAVE. THE MIXESAL VALUE FOR THIS PROJECT SHALL BE 160,000.

COORDINATES

COORDINATES AS SHOWN ON THESE PLANS ARE IN WEST VIRGINIA STATE PLANE, NORTH 4701. VERTICAL ELEVATIONS AS SHOWN ON THESE PLANS ARE IN MGS 85.

VERIFICATION OF DIMENSIONS AND CROSS SECTIONS

THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ALL PLAN AND ELEVATION DIMENSIONS PRIOR TO ORDERING MATERIALS FOR THE CONSTRUCTION OF THE VARIOUS BID ITEMS ON THE PROJECT.

UTILITIES

WATER VALVES AND MANHOLES IN PAVEMENT SHALL BE ADJUSTED TO MEET THE NEW PAVEMENT GRADE IF IT IS NECESSARY TO MEET THE NEW PAVEMENT GRADE. COST FOR ADJUSTING UTILITIES SHALL BE INCLUDED IN THE VARIOUS ITEMS OF THE PROJECT.

BUSINESSES AND RESIDENTS DURING CONSTRUCTION

THE CONTRACTOR SHALL CLOSE OFF ANY AREA OF CONSTRUCTION TO REMOVE OLD SIDEWALK AND CURB, THE OWNERS OF BUSINESSES AND ANY RESIDENTS WITHIN THE AREA SHALL BE NOTIFIED PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL ONLY DELINEATE THE AREAS OF ANTICIPATED WORK. CONSTRUCTION SHALL BE COMPLETED IN FULL BEFORE MOVING TO THE NEXT AREA OF CONSTRUCTION.

ALL WORK SHALL BE COORDINATED WITH THE TOWN OF HARRISBURG, PENN.

SELECT MATERIAL FOR BACKFILL

FILTER FABRIC FOR WRAPPING THE 18" LIMESTONE FOR SELECT MATERIAL FOR BACKFILL BEHIND THE NEW RETAINING WALL SHALL BE INCLUDED IN THE ITEM 21000-0000. SELECT MATERIAL FOR BACKFILL, SEE STANDARD SPECIFICATIONS SECTION 713.3 DRAINAGE OF THE 2020 STANDARD SPECIFICATION MANUAL.

CONCRETE BRICK SIDEWALK

CONTRACTOR SHALL SUBMIT A COLOR CHART FOR BRICK SIDEWALK TO THE TOWN OF HARRISBURG FOR REVIEW PRIOR TO MATERIAL. BRICK ORDERED, THE TOWN SHALL THEN SUBMIT THEIR CHOICE OF COLOR TO THE DOH WITHIN TWO (2) WEEKS AFTER RECEIVING THE COLOR CHART. THE DOH WILL THEN NOTIFY THE CONTRACTOR.

ROOF DRAINS SHALL BE EXTENDED TO FACE OF NEW RETAINING WALL TO ALLOW FOR DRAINAGE OF WATER ONTO PAVEMENT EDGE FLOWLINE OVER-HEAD ELEVATION HEIGHTS TO BE VERIFIED TO MEET ADA.

REMOVE EXISTING BRICK SIDEWALK AND PLACE NEW BRICK SIDEWALK.

EXISTING METAL HANDRAILING SHALL BE REMOVED AND NEW RAILING PLACED ON TOP OF NEW RETAINING WALL.

REMOVE EXISTING DROP INLET. PLACE NEW TYPE "A" MANHOLE WITH A BICYCLE & PEDESTRIAN GRATE, GRATE 3' X 3'.

SET TYPE "A" MANHOLE OVER EXISTING CULVERT. PLACE 8 LF OF NEW 24" OPP TO CONNECT TO TYPE "B" INLET.



NEW 12" THICK CONCRETE SIDEWALK WALL W/ METAL HANDRAILING

NEW TYPE II CURB

EXISTING ROAD SURFACE SHALL BE MAINTAINED AND REPAVED. SEE TYPICAL SECTION SHEET 2.

PAVEMENT TIE-IN JOINT

SEQUENCE OF CONSTRUCTION

1. ERECT TRAFFIC CONTROL SIGNS AS PER CASE 58 OF THE MAINTENANCE OF TRAFFIC CONTROL, MANUAL.
2. MAINTAIN ONE LANE TWO WAY TRAFFIC AND BEGIN SIDEWALK WORKING TO THE RIGHT. MAINTAIN PEDESTRIAN TRAFFIC ON EXISTING SIDEWALK.
3. UPON COMPLETION OF WORKING, SHIFT TRAFFIC TO BEGIN PLACEMENT OF NEW WALL WHILE MAINTAINING PEDESTRIAN TRAFFIC ON EXISTING SIDEWALK.
4. AFTER INSTALLATION OF NEW WALL, CONTINUE TO MAINTAIN ONE LANE TWO WAY TRAFFIC AND BEGIN REMOVAL OF EXISTING WALL AND PERFORM WORKING OF SIDEWALK. PEDESTRIAN TRAFFIC SHALL BE MAINTAINED ON ROADWAY WHILE SIDEWALK IS CLOSED FOR WORKING.
5. ONCE SIDEWALK IS COMPLETE, FINALIZE PAVING AND STRIPING OF HIGH STREET.
6. CLEANUP OF SITE.
7. REMOVE ALL SIGNS FROM THE PROJECT.

LEGEND

- DENOTES PHASE 1 CONSTRUCTION (WIDENING 1/2 TYPE II CURBING)
- DENOTES PHASE 2 CONSTRUCTION (CONCRETE RETAINING WALL)
- DENOTES PHASE 3 CONSTRUCTION (REMOVING OLD WALL & SIDEWALK, BUILDING NEW SIDEWALK)
- DENOTES PHASE 4 CONSTRUCTION (MILLING AND PAVING)

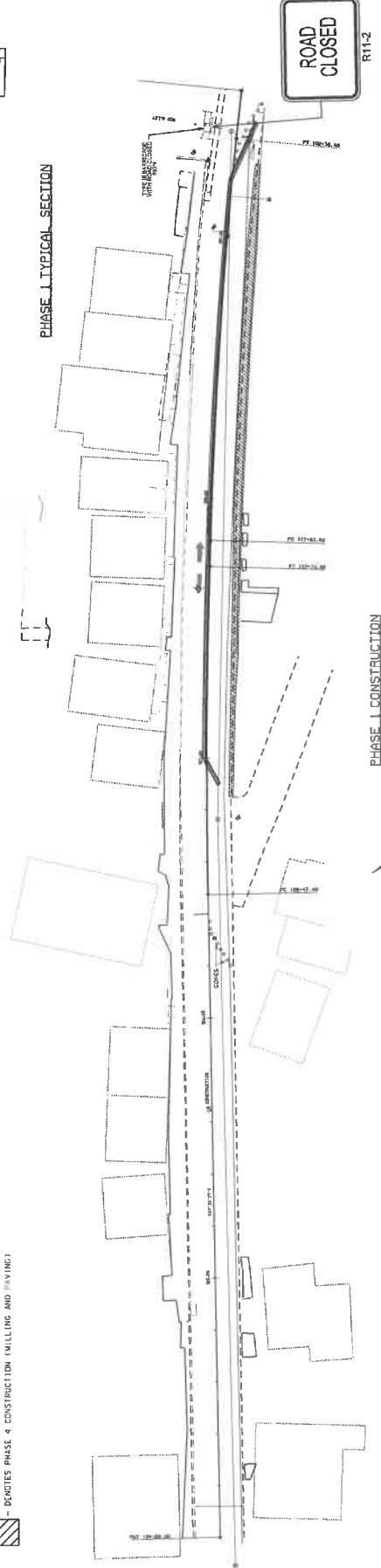
Sheet No.	Project No.	Year	County	Sheet Total
W.V. 5	HA-98-2077(082)	2020	JEFFERSON	6
DATE	DATE	DATE	DATE	DATE
10/18/20	10/18/20	10/18/20	10/18/20	10/18/20

WORK AREA PHASE ONE
WIDENING 2 WITH NEW CURB

ONE-WAY TWO WAY TRAFFIC



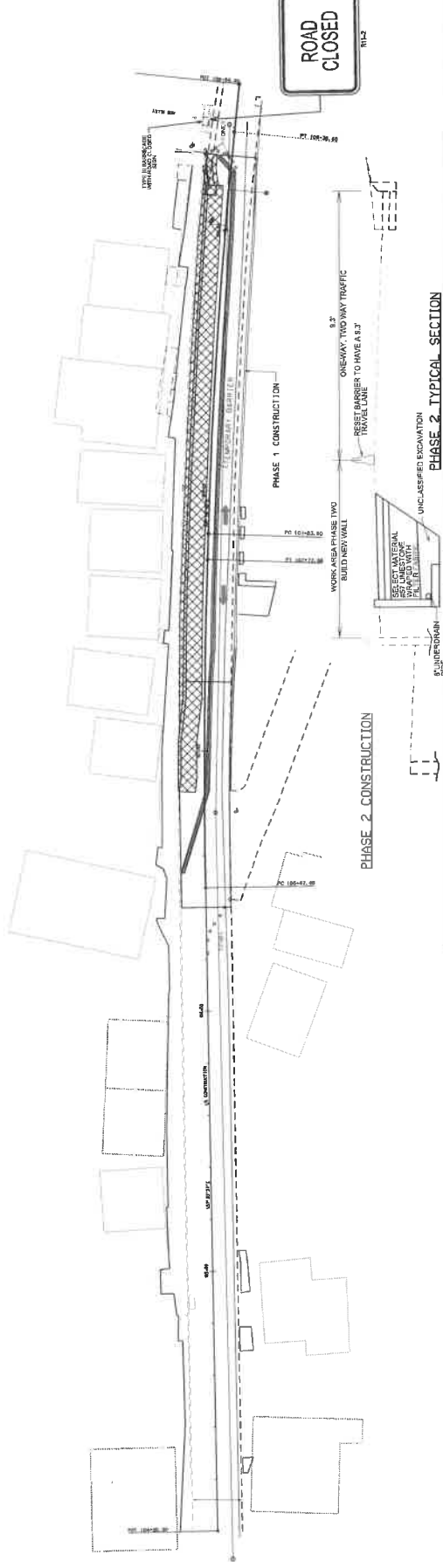
PHASE 1 TYPICAL SECTION



PHASE 1 CONSTRUCTION

ROAD
CLOSED

PHASE 2 TYPICAL SECTION



PHASE 1 CONSTRUCTION

ONE-WAY TWO WAY TRAFFIC
RESET BARRIER TO HAVE A 3' TRAVEL LANE

WORK AREA PHASE TWO
BUILD NEW WALL

UNCLASSIFIED EXCAVATION

PHASE 2 CONSTRUCTION

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

TRAFFIC CONTROL PLAN

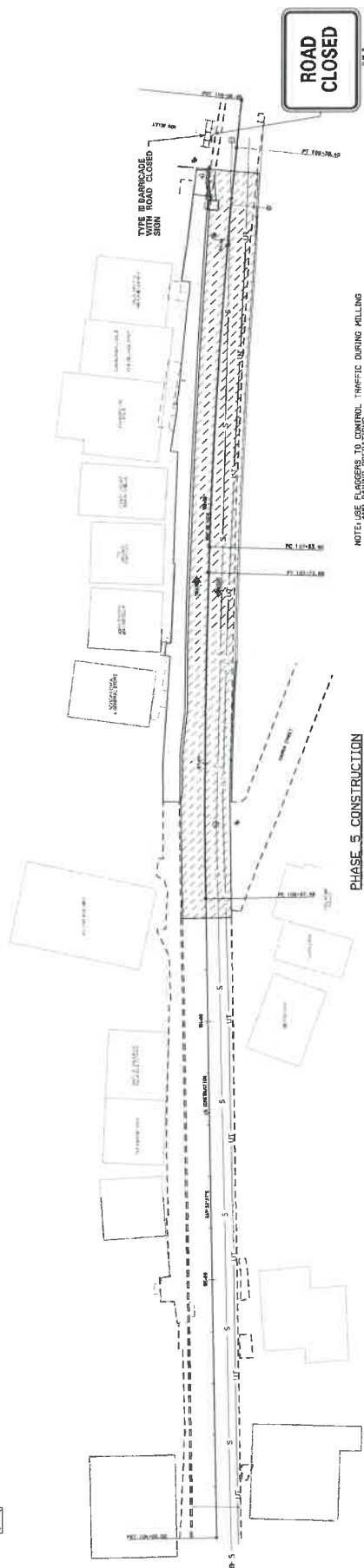
REGION	SHEET NUMBER	DATE	BY
1	1		

SCALE : 0 20 ft.



Public State	State	Project	Fiscal	County	Sheet	Total
W. V.	5	2025	2025	JEFFERSON	8	16
JEFFERSON	5	2025	2025	JEFFERSON	8	16

- LEGEND**
- DENOTES PHASE 1 CONSTRUCTION (WIDENING) W/ TYPE 1 CURBING
 - DENOTES PHASE 2 CONSTRUCTION (CONCRETE RETAINING WALL)
 - DENOTES PHASE 3 CONSTRUCTION (ROADWAY EXCAVATION TO SUBGRADE)
 - DENOTES PHASE 4 CONSTRUCTION (REMOVING OLD WALL & SIDEWALK, BUILDING NEW SIDEWALK)
 - DENOTES PHASE 5 CONSTRUCTION (MILLING AND PAVING)



PHASE 5 CONSTRUCTION

NOTE: USE FLAGGERS TO CONTROL TRAFFIC DURING MILLING AND FINISHING OPERATIONS.



NOTE: PLACE MESSAGE BOARD HERE FOR TRAFFIC CONTROL.

AREAL VIEW SHOWING MESSAGE BOARD LOCATION

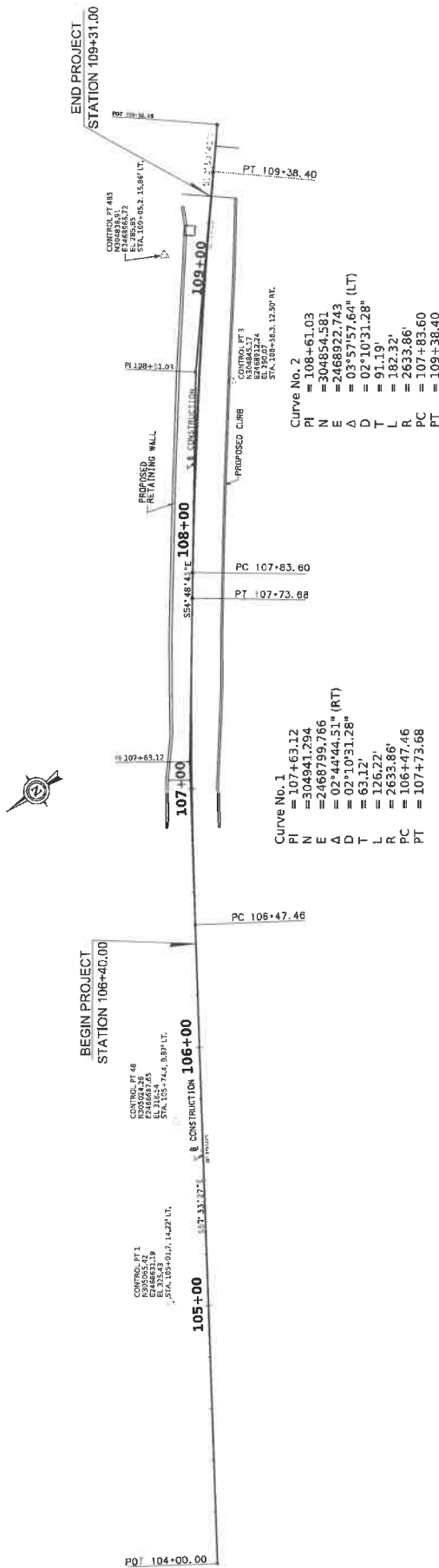
SCALE : 0 20 ft.



THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRAFFIC CONTROL PLAN

REGION	SHEET	DATE	BY
1	8		

Public Roads Dist. No.	State Dist. No.	State Project No.	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W. V.	5	US19- HAR/PE- 2.00	2017(082) TAP- QTC	2020	JEFFERSON	9	18



COORDINATES		STATION	OFFSET	NORTHING	EASTING
160445	160445	160445	9.59' LT	354572.67	248977.36
160446	160446	160446	9.59' RT	354576.71	248977.86
160447	160447	160447	9.60' RT	354580.75	248978.37
160448	160448	160448	9.60' RT	354584.79	248978.87
160449	160449	160449	9.61' RT	354588.83	248979.38
160450	160450	160450	9.62' RT	354592.87	248979.88
160451	160451	160451	9.63' RT	354596.91	248980.39
160452	160452	160452	9.64' RT	354600.95	248980.89
160453	160453	160453	9.65' RT	354604.99	248981.40
160454	160454	160454	9.66' RT	354609.03	248981.90
160455	160455	160455	9.67' RT	354613.07	248982.41
160456	160456	160456	9.68' RT	354617.11	248982.91
160457	160457	160457	9.69' RT	354621.15	248983.42
160458	160458	160458	9.70' RT	354625.19	248983.92
160459	160459	160459	9.71' RT	354629.23	248984.43
160460	160460	160460	9.72' RT	354633.27	248984.93
160461	160461	160461	9.73' RT	354637.31	248985.44
160462	160462	160462	9.74' RT	354641.35	248985.94
160463	160463	160463	9.75' RT	354645.39	248986.45
160464	160464	160464	9.76' RT	354649.43	248986.95
160465	160465	160465	9.77' RT	354653.47	248987.46
160466	160466	160466	9.78' RT	354657.51	248987.96
160467	160467	160467	9.79' RT	354661.55	248988.47
160468	160468	160468	9.80' RT	354665.59	248988.97
160469	160469	160469	9.81' RT	354669.63	248989.48
160470	160470	160470	9.82' RT	354673.67	248989.98
160471	160471	160471	9.83' RT	354677.71	248990.49
160472	160472	160472	9.84' RT	354681.75	248990.99
160473	160473	160473	9.85' RT	354685.79	248991.50
160474	160474	160474	9.86' RT	354689.83	248992.00
160475	160475	160475	9.87' RT	354693.87	248992.51
160476	160476	160476	9.88' RT	354697.91	248993.01
160477	160477	160477	9.89' RT	354701.95	248993.52
160478	160478	160478	9.90' RT	354705.99	248994.02
160479	160479	160479	9.91' RT	354710.03	248994.53
160480	160480	160480	9.92' RT	354714.07	248995.03
160481	160481	160481	9.93' RT	354718.11	248995.54
160482	160482	160482	9.94' RT	354722.15	248996.04
160483	160483	160483	9.95' RT	354726.19	248996.55
160484	160484	160484	9.96' RT	354730.23	248997.05
160485	160485	160485	9.97' RT	354734.27	248997.56
160486	160486	160486	9.98' RT	354738.31	248998.06
160487	160487	160487	9.99' RT	354742.35	248998.57
160488	160488	160488	10.00' RT	354746.39	248999.07

SCALE : 40 ft.



THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
GEOMETRIC LAYOUT &
CONTROL POINTS COORDINATES

[illegible]

Public Roads Div.	State Project No.	Fiscal Year	County	Sheet No.	Sheet Total
W. V. 5	U319- HAR/PE- 20170821 2.00 DTC	2020	JEFFERSON	10	18

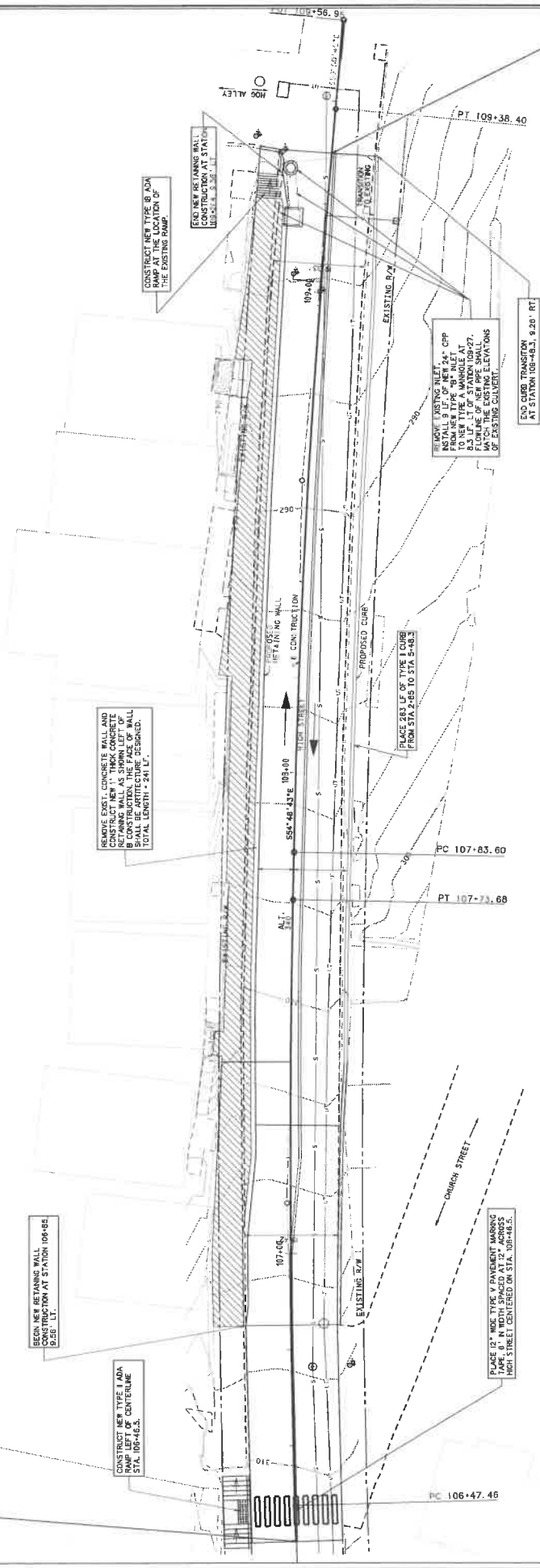


LEGEND

— DENOTES NEW BRICK SIDEWALK

BEGIN PROJECT
STATION 106+40.00

END PROJECT
STATION 109+31.00



THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLAN

RX&K
Engineers - Construction Management - Scientific

SCALE: 0 10 ft.

REVISION	SHEET	DATE	BY

Project Name	State	Federal Project No.	Fiscal Year	County	Sheet No.	Total Sheets
W.V. 5	1315	2010-2011	2010	JEFFERSON	11	16

BEGIN PROJECT
STATION 106+40.00

END PROJECT
STATION 109+31.00

GR. = -10.56%

GR. = -3.45%

PROFILE ALONG BASELINE CONSTRUCTION

VERT. SCALE : 1" = 10' ft.

HORIZ. SCALE : 1" = 20' ft.



THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

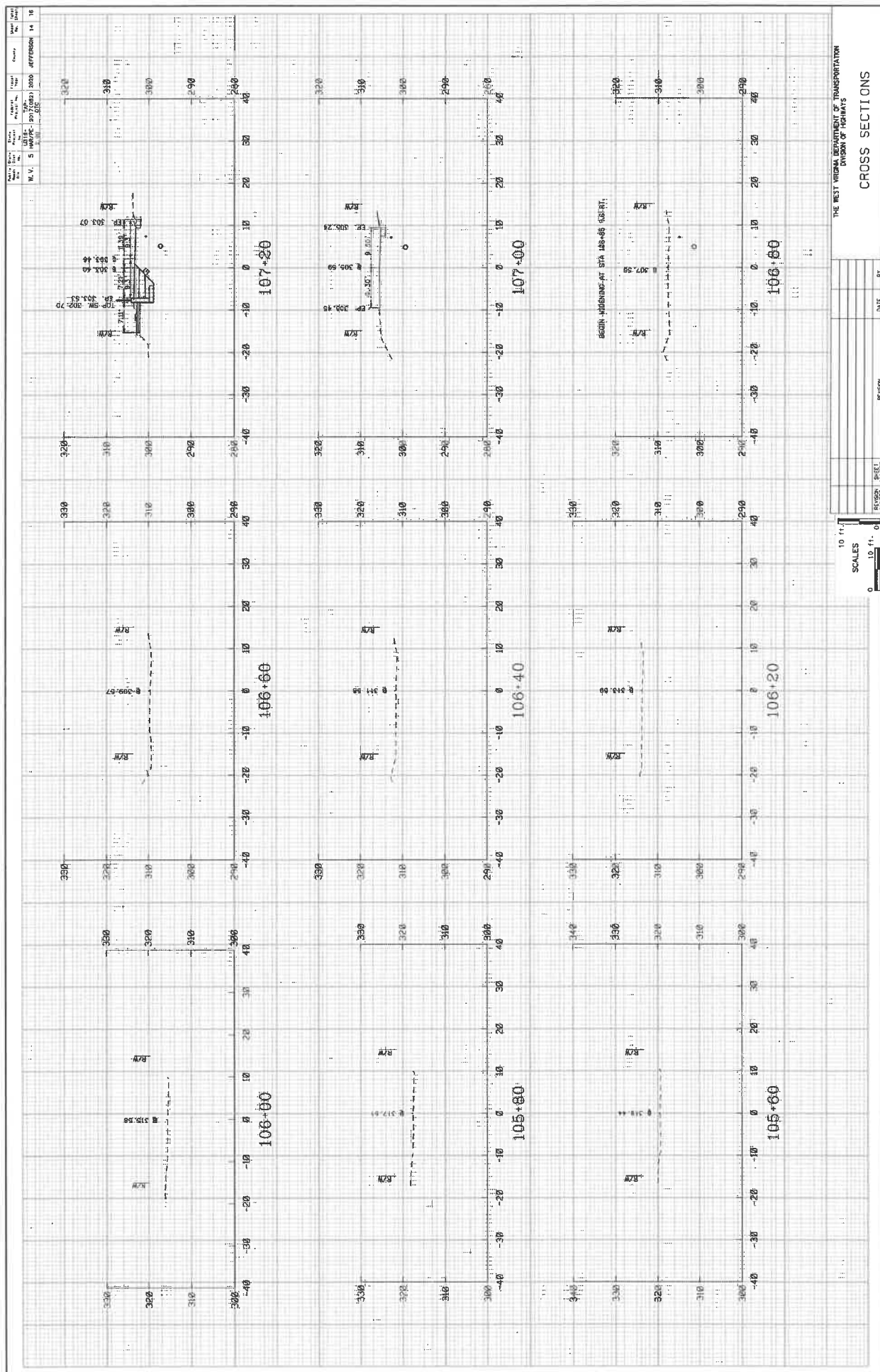
PROFILE

DATE

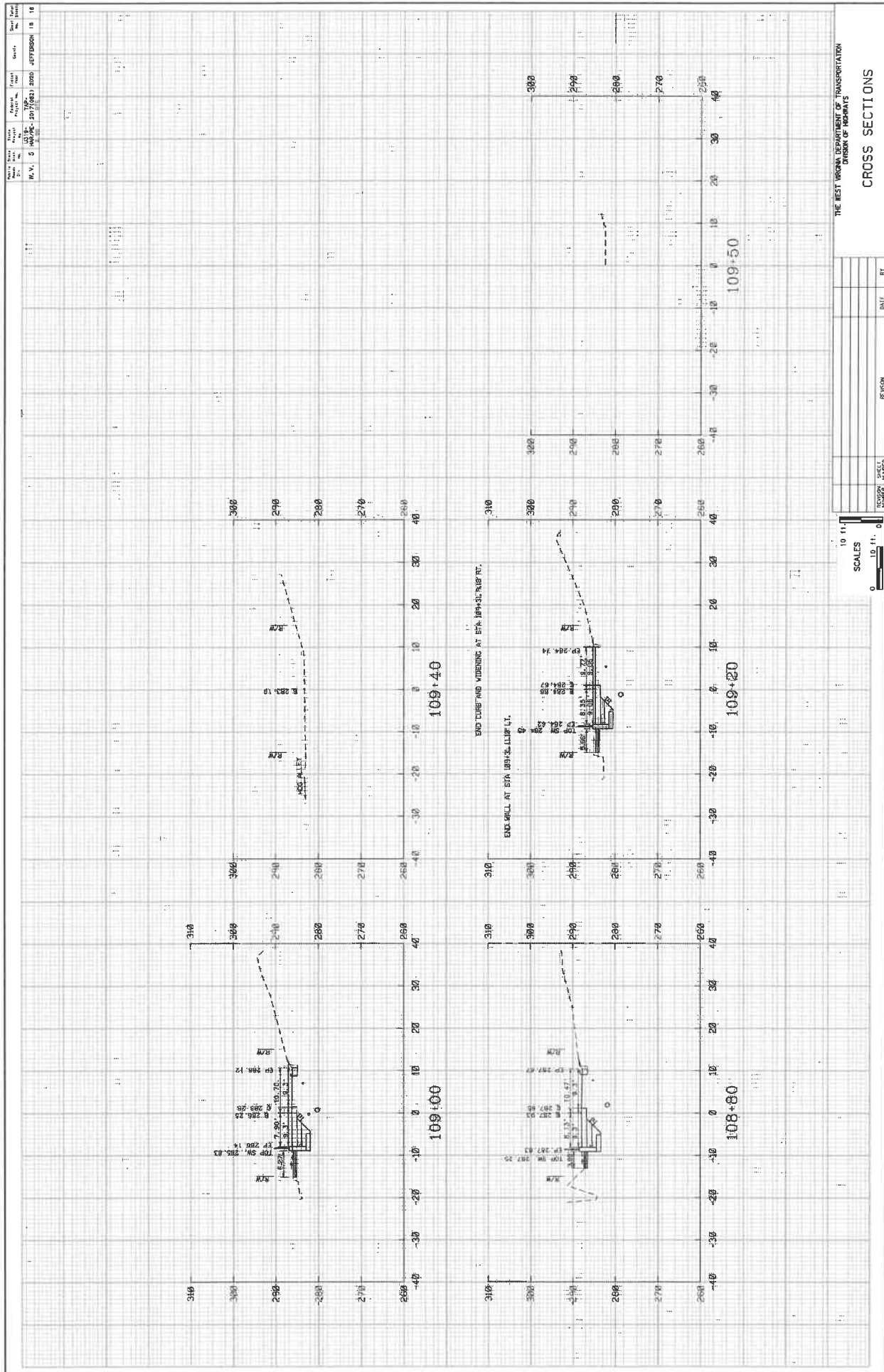
REVISION

SHEET NUMBER

BY



Project Name	Sheet No.	Project No.	Scale	Notes	Sheet Count
M.V. 5 (M.V.P.C. 2017) (M.V. 2020) (EFTSDON)	18	18	18		18



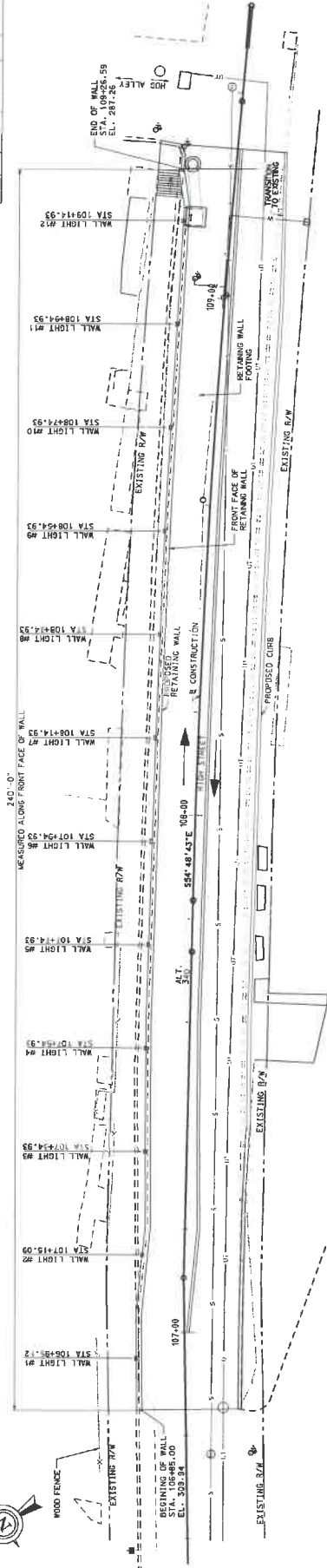
THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

CROSS SECTIONS

SECTION	SHEET NUMBER	DATE	BY



W.V.	5	1037	789	2025	JEFFERSON	17	17
State	Project	Year	County	Project	Year	County	Project
W.V.	5	1037	789	2025	JEFFERSON	17	17
1037	789	2025	JEFFERSON	17	17		



PLAN
SCALE: 1" = 10'-0"



Slim - LED Wall Packs

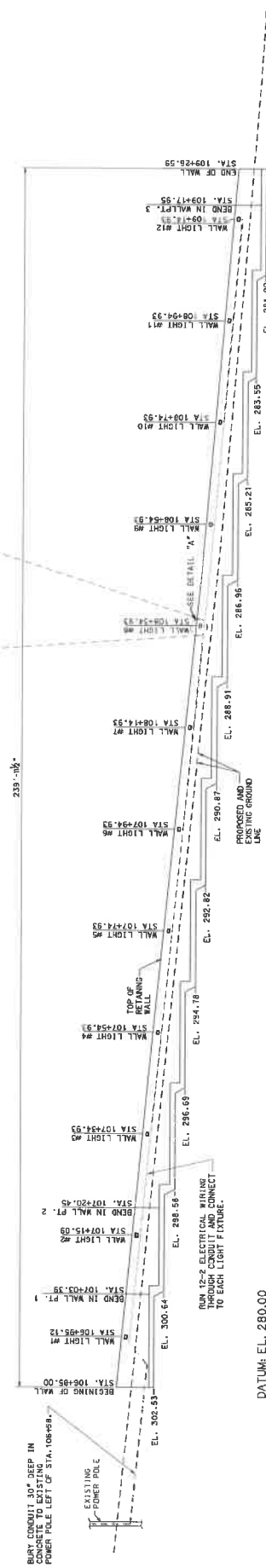
LED wall packs provide safety and security lighting by illuminating building entrances, parking areas, and other exterior spaces. They feature a built-in photocell sensor to automatically turn on at night, and off during the day for increased energy efficiency. We also offer anti-glare shields and adjustable head options to help prevent light from spilling into unwanted areas. Our wall packs are made from durable, corrosion-resistant aluminum housings, and include either a glass or polycarbonate lens. They are available in a variety of sizes, making them ideal for use in a wide range of applications. All of our wall packs come backed by a 5 year warranty and ship same-day from our centrally located warehouse.

WLP-SW18120-H-Y

Slim LED Wall Pack - Selectable CCT and Warmth - Up to 16,300 Lumens - Integrated Photocell - 5000K / 3000K / 2700K

Specifications

Adjustable Operating Temperature	Range: -20°F to 120°F	Beam Angle	60°
Brand	Super Bright LED	Beam Rating	8000 Lumens
CCT	5000K, 3000K, 2700K, 2200K	Color Rendering Index	90
CR	90	Current Draw	0.15A
Dimmable	Yes	Electrical Type	Line Voltage
Efficiency	100 lm/w	Environmental Rating	IP65
Lighting Technology	LED	Finish	Black
Input Connections Type	120V AC	Integrated Surge Protection	Yes
IP Rating	IP65	Item Type	Wall Pack
Material	Aluminum	Mount Type	Surface Mount
Operating Voltage	120V AC	Power Factor	0.95
Product Features	Adjustable Head, Photocell, Anti-Glare Shield	Product Materials	Aluminum Housing, Polycarbonate Lens
Product Weight	2.1 lbs	UL File Number	915-14-100
Warranty	5 Year	Weight	2.1 lbs



ELEVATION
SCALE: 1" = 10'-0"

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

RK&K
Engineers Construction Management Planners

1000 10th Street, Suite 1000
Martinsburg, WV 26101
Phone: 304.263.1100
Fax: 304.263.1101
Email: info@rkandk.com

DATE: 01/17/2025 BY: JLM/BJR

PERSON: JLM/BJR

SCALE: 0 10 ft.

DATUM: EL. 280.00

WALL LIGHTING PLAN