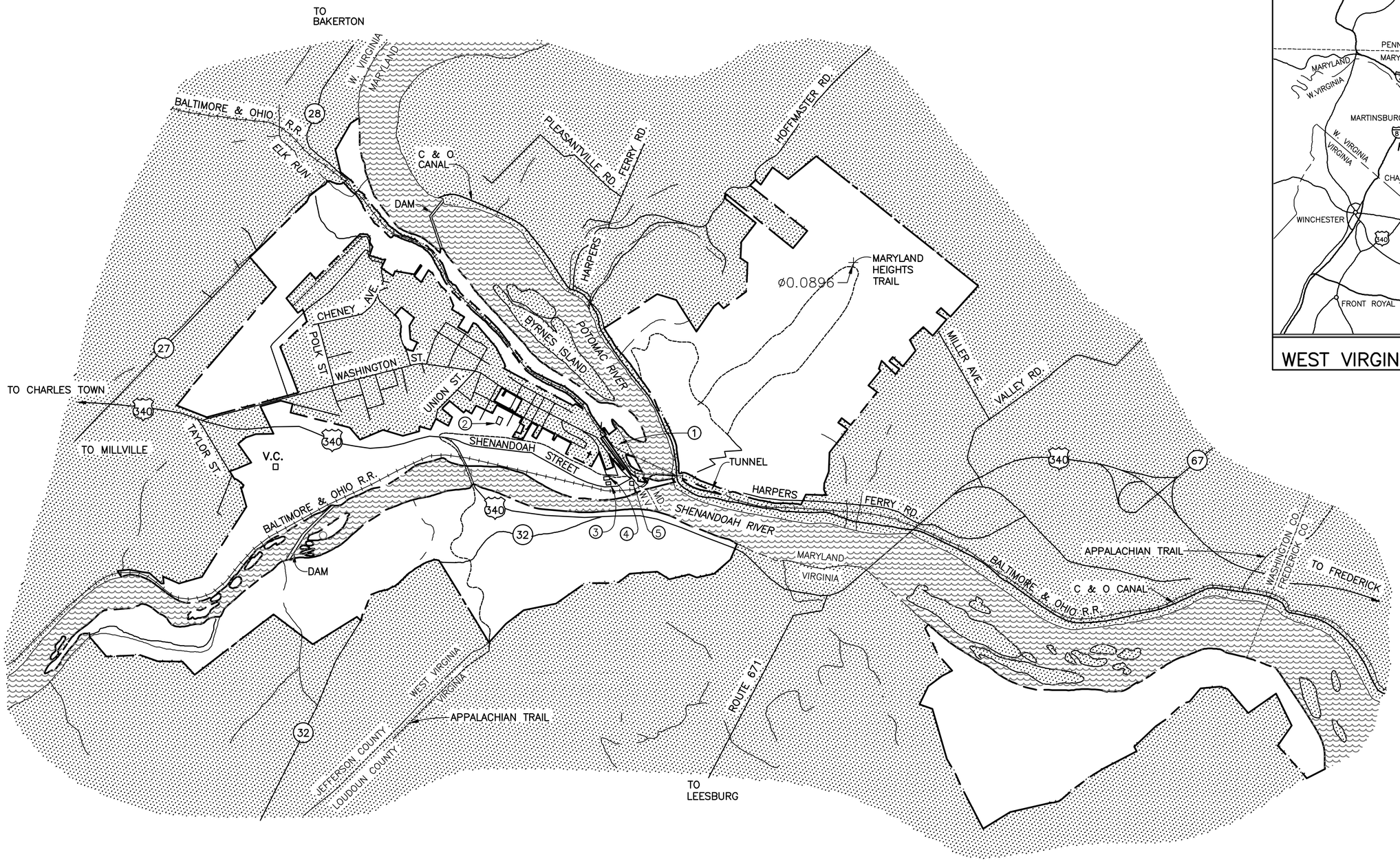

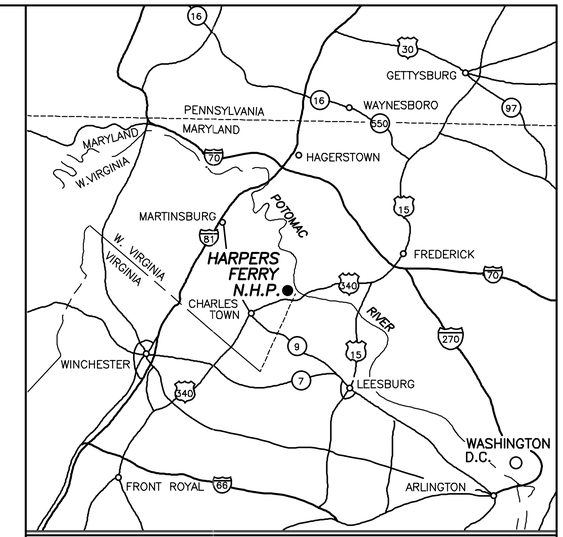

WEST VIRGINIA NOT TO SCALE

LEGEND

- PARK BOUNDARY
- COUNTY LINE
- PAVED ROAD
- UNPAVED ROAD
- TRAIL
- CREEK
- STATE PARK
- V.C. VISITOR CENTER
- INFORMATION CENTER
- PARKING
- PICNIC AREA
- RANGER STATION

SCALE OF FEET
1200 0 1200 2400
200 0 200 400 600
SCALE OF METERS

HARPERS FERRY NATIONAL HISTORICAL PARK

PMIS NO. 242454

CONSTRUCTION DRAWINGS

UNITED STATES
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
DENVER SERVICE CENTER

TITLE OF DRAWING
PAVEMENT PRESERVATION DESIGN SERVICES
LOCATION WITHIN PARK
OVERVIEW
NAME OF PARK
HARPERS FERRY N.H.P.

REGION	COUNTY	STATE
NAT'L CAPITAL	JEFFERSON	WEST VIRGINIA

DRAWING NO. 385 / 187099
PKG. NO.
SHEET 1 OF 30

UPDATED 10/98. SGS.
385/92,002; MINI FOLDER 1988; COVER SHEET REVISED 11/94. UPDATED 11/98. SGS.

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26	T34.20A	MOBILE WORK OPERATION DETAIL
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28	T34.20D	LANE DIVIDE DETAIL
29	T34.20L	LEFT LANE CLOSURE DETAIL
30	T34.20R	RIGHT LANE CLOSURE DETAIL

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GENERAL NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR THE ENTIRE SCOPE OF WORK WITHIN THE DOCUMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE PROPOSED WORK IN RELATION TO THE EXISTING CONDITIONS AND NOTIFY THE CO IN WRITING IF A DISCREPANCY EXISTS AND THEIR ASSOCIATED COSTS PRIOR TO FINAL AWARD. ALL COSTS SHALL BE INCLUDED IN THE LUMP SUM COST FOR THE WORK AT EACH LOCATION.

2. THE CONTRACTOR SHALL SUBMIT, FOR APPROVAL OF THE CO, A DETAILED CONSTRUCTION SCHEDULE AND OUTLINE OF CONSTRUCTION METHODOLOGIES FOR CONSTRUCTION OF THE PROPOSED ACTIVITIES INCLUDING RESTORATION OF THE PROPOSED STAGING AREAS PRIOR TO CONSTRUCTION.

3. ALL SIGNS ARE TO BE PROTECTED BY THE CONTRACTOR. CONTRACTOR SHALL REPLACE SIGNS DAMAGED OR DISPLACED DURING CONSTRUCTION AT THE CONTRACTOR'S EXPENSE, UNLESS OTHERWISE NOTED.

4. THE REMOVAL AND DISPOSAL OF UNSUITABLE EXCAVATION MATERIALS AND DEBRIS SHALL BE INCIDENTAL TO THE PROJECT.

5. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PREVENT DAMAGE TO WORK OR EQUIPMENT AND ENSURE PUBLIC/WORKER SAFETY RESULTING FROM HIGH WATER OR BY STORMS. THE CO MAY PROHIBIT CONSTRUCTION ACTIVITIES AT ANY TIME WHEN IN HIS/HER JUDGMENT HIGH WATERS OR STORM CONDITIONS ARE UNFAVORABLE OR UNSUITABLE, OR AT ANY TIME REGARDLESS OF THE WEATHER WHEN PROPER PRECAUTIONS ARE NOT BEING TAKEN TO SAFEGUARD PREVIOUSLY CONSTRUCTED WORK OR WORK IN PROGRESS. IN CASE OF DAMAGE CAUSED BY FAILURE OF THE CONTRACTOR TO TAKE ADEQUATE PRECAUTIONS, THE CONTRACTOR SHALL REPAIR OR REPLACE EQUIPMENT/WORK DAMAGED AND SHALL MAKE SUCH REPAIRS OR REBUILD PARTS OF THE DAMAGED WORK AS DIRECTED BY THE CO, AT NO ADDITIONAL COST TO THE GOVERNMENT.

6. ALL CONSTRUCTION VEHICLES AND EQUIPMENT INCLUDING OFFICE TRAILERS AND RESIDENTIAL TRAILERS THAT ENTER THE PARK AND ARE STAGED IN ASSOCIATION WITH THIS PROJECT WILL BE INSPECTED BY THE CO PRIOR TO THEIR ENTRY INTO THE PARK FOR MUD, WEEDS, AND OTHER UNWANTED SUBSTANCES. SEE PROJECT SPECIFICATIONS FOR ADDITIONAL PARK REQUIREMENTS AND REGULATIONS.

7. THE CONTRACTOR SHALL SUBMIT A PROPOSED STAGING PLAN TO THE CO FOR APPROVAL. AT A MINIMUM, THE STAGING PLAN SHALL IDENTIFY STAGING EROSION CONTROL MEASURES, AND PROPOSED RESTORATION. THE EROSION CONTROL DETAILS SHALL CONTAIN DETAILS FOR REFUELING SITE AND STABILIZED CONSTRUCTION ENTRANCE. THE CONTRACTOR SHALL RESTORE THE PROPOSED STAGING AREAS TO PRECONSTRUCTION CONDITIONS AFTER THE WORK IS COMPLETE. THE CONTRACTOR SHALL NOT STORE, HANDLE AND/OR DISPOSE OF HAZARDOUS MATERIALS WITHIN THE WORK AREA OR STAGING AREA. DERIVED WASTE SHALL BE REMOVED AND DISPOSED IN ACCORDANCE WITH FEDERAL AND STATE REGULATIONS. ALL ROCK, SAND, GRAVEL, FILL OR OTHER FOREIGN SUBSTRATE MATERIAL STORED IN STAGING AREAS MUST BE STORED ON TOP OF FILTER FABRIC TO FACILITATE RECOVERY AND PREVENT DEGRADATION OF NATIVE SOILS DURING SITE CLEANUP. NO FOREIGN SAND, TOPSOIL, LOAM OR OTHER FOREIGN SUBSTRATE MAY BE ADDED TO STAGING AREAS DURING SITE CLEANUP AND REGRADING WITHOUT PRIOR APPROVAL FROM THE CO. EXISTING PAVEMENT SHALL BE SWEPT CLEAN OR RESTORED TO EXISTING CONDITIONS BY OTHER MEANS TO THE SATISFACTION OF THE CO. ALL COSTS ASSOCIATED WITH THE PROPOSED STAGING AREAS INCLUDING EROSION CONTROL, REFUELING SITE, STABILIZED CONSTRUCTION ENTRANCES, AND RESTORATION SHALL BE INCIDENTAL TO THE PROJECT.

8. THE REFUELING SITE, IF REQUIRED, SHALL ONLY BE USED FOR TRACKED VEHICLES (E.G. EXCAVATORS AND BULLDOZERS). NO TRUCKS ARE TO BE REFUELED OR STORED IN THE PROJECT OR STAGING AREA. FUEL MUST BE TRANSPORTED TO THE SITE DAILY. NO FUEL IS TO BE STORED ON SITE. CARE SHALL BE TAKEN TO PREVENT SPILLS WHILE REFUELING.

9. ESTIMATED QUANTITIES PROVIDED ON PLANS ARE FOR CONTRACTOR'S INFORMATION ONLY. CONTRACTOR IS RESPONSIBLE TO VERIFY ALL QUANTITIES PRIOR TO BID.

10. CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES REQUIRED TO PERFORM THE WORK. CONTRACTOR SHALL PROTECT ALL EXISTING ELEMENTS.

11. ALL WORK PERFORMED UNDER THIS CONTRACT SHALL BE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL OSHA REGULATIONS.

EROSION CONTROL NOTES:

1. PROVIDE EROSION AND SEDIMENTATION CONTROLS ACCORDING TO THE STORMWATER POLLUTION PREVENTION PLAN AS REQUIRED BY THE CONTRACT SPECIFICATIONS. ACTUAL TYPE AND LOCATION SHALL BE APPROVED BY THE CO. THE CONTRACTOR SHALL INSTALL PROPOSED EROSION CONTROL DEVICES PRIOR TO CONSTRUCTION ACTIVITY AND SHALL BE RESPONSIBLE FOR THEIR MAINTENANCE, REPOSITIONING AND REMOVAL THROUGH THE DURATION OF CONSTRUCTION.

2. CONTRACTOR WILL FOLLOW LOCAL AGENCIES, UNDER THE WEST VIRGINIA DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION, REQUIREMENTS FOR SEDIMENT AND EROSION CONTROL. APPLICATION PERMITS WILL BE OBTAINED BY THE CONTRACTOR. WEST VIRGINIA STORM WATER PERMITTING PROVIDES GUIDANCE FOR STORMWATER MANAGEMENT.

3. EROSION AND SEDIMENT CONTROL PLANS ARE REQUIRED FOR GRADING ACTIVITY THAT DISTURBS 5,000 SQUARE FEET OR MORE OF LAND AREA OR 100 CUBIC YARDS OR MORE OF EARTH. GRADING IS AN ACTIVITY THAT CAUSES THE DISTURBANCE OF THE EARTH. THIS INCLUDES BUT IS NOT LIMITED TO ANY EXCAVATING, FILLING, STOCKPILING OF EARTH MATERIALS, GRUBBING, OR ROOT MAT OR TOP SOIL DISTURBANCE. WEST VIRGINIA REGULATIONS SPECIFY WHAT INFORMATION IS REQUIRED ON PLANS, INCLUDING DETAILS OF TEMPORARY AND PERMANENT STABILIZATION.

4. AFTER INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION IS REQUIRED WITHIN:
   a. THREE CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); AND
   b. SEVEN CALENDAR DAYS AS TO ALL OTHER DISTURBED AREAS ON THE PROJECT SITE EXCEPT FOR THOSE AREAS UNDER ACTIVE GRADING.

5. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING BMP THROUGHOUT CONSTRUCTION ACTIVITIES.

6. SEDIMENTATION AND EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO STARTING WORK AND MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION. SEDIMENTATION DEVICES SHALL BE FURNISHED, INSTALLED AND MAINTAINED AS SHOWN ON THE PLANS AND/OR AS DIRECTED BY THE CO. THE CONTRACTOR SHALL PREVENT THE DISCHARGE AND MIGRATION OF SEDIMENT FROM THE SITE.

7. THE LIMIT OF WORK AREA MUST BE STRICTLY ADHERED TO IN ALL AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING AREAS THAT ARE OUTSIDE OF THE PROJECT AREAS OF DISTURBANCE THAT ARE IMPACTED BY CONSTRUCTION OPERATIONS AT HIS/HER EXPENSE. SUCH AREAS INCLUDE THOSE WHERE VEHICLES, EQUIPMENT, AND MATERIALS ARE STORED WITH THE PERMISSION OF THE CO.

8. BMPS THAT ARE ANTICIPATED, BUT NOT LIMITED TO: INLET PROTECTION FOR ANY BRIDGE DRAINS OR EXISTING INLETS DOWNSTREAM OF WORK, EROSION LOGS OR ROCK SOCKS ALONG THE SLOPE TO PROTECT FROM EROSION DURING REPLACEMENT OF GUARDRAIL OR ATTENUATORS, PERIMETER CONTROL FOR ANY ASPHALT OR CONCRETE WORK, PROPER DISPOSAL OF DEBRIS CLEANED FROM BRIDGE, PROPER STORAGE OF MATERIALS AND EQUIPMENT AND RESTORATION OF ANY VEGETATED AREAS.

9. DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING DRAINAGE AND RUNOFF FLOW DURING STORMS AND PERIODS OF RAINFALL THROUGHOUT THE WORK AREA.

10. SEDIMENTATION CONTROL DEVICES SHALL BE INSPECTED WEEKLY AND WITHIN 24 HOURS OF A RAIN EVENT TOTALING 0.25 INCHES OR MORE WITHIN A 24–HOUR PERIOD AND MAINTAINED PROMPTLY BY THE CONTRACTOR.

11. BMPS SHALL BE REMOVED ONCE WORK HAS BEEN COMPLETE AND THE SITE HAS REACHED FINAL ACCEPTANCE BY THE CO. VEGETATED AREAS THAT ARE DISTURBED BY ANY CONSTRUCTION ACTIVITY WILL BE RE–ESTABLISHED BY FINAL ACCEPTANCE OF THE SITE.

12. FIBER ROLLS TO BE PLACED ALONG EDGE OF ALL VEGETATION REMOVAL AREAS.

SPILL PREVENTION AND RESPONSE PROCEDURE:

1. ANY DISCHARGE OF WASTE OIL OR ANY OTHER POLLUTANT TO THE ENVIRONMENT REQUIRES IMMEDIATE NOTIFICATION TO HARPERS FERRY CONTACTS FOR ADDITIONAL INFORMATION.

2. ANY INCIDENT OF CONTAMINATION RESULTING FROM THE IMPROPER DISCHARGE OF POLLUTANTS TO GROUNDWATER OR THE STORMWATER SYSTEM SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR OR OTHER PARTIES THAT THE GOVERNMENT DETERMINES TO BE RESPONSIBLE FOR THE CONTAMINATION. PURSUANT TO STATE LAWS AND REGULATIONS, THE GOVERNMENT MAY REQUIRE THE CONTRACTOR AND OTHER RESPONSIBLE PARTIES TO REMEDIATE ANY INCIDENTS THAT MAY ADVERSELY IMPACT GROUNDWATER OR SURFACE WATER QUALITY.

3. THE CONTRACTOR SHALL MAINTAIN ON THE SITE APPROPRIATE MATERIALS TO CONTAIN AND RECOVER OILS AND OTHER POLLUTANTS TO PREVENT RELEASE INTO THE ENVIRONMENT.

4. THE STORMWATER POLLUTION PREVENTION PLAN SHALL INCLUDE ACCURATE RESPONSE PLANS FOR POTENTIAL SPILLS OF MATERIALS THAT WILL BE ONSITE, AND EMERGENCY CONTACT INFORMATION.

UTILITY NOTES:

1. WORK IS NOT ANTICIPATED TO INTERFERE WITH EXISTING UTILITIES. EXISTING UTILITIES ARE NOT SHOWN ON THE PLANS AND ARE NOT TO BE DISTURBED IF ENCOUNTERED. IF WORK INTERFERES WITH EXISTING UTILITIES, THE CONTRACTOR SHALL COORDINATE WITH CO PRIOR TO CONSTRUCTION.

2. FIRE HYDRANTS SHALL NOT BE REMOVED FROM SERVICE.

3. UTILITY SERVICES SHALL BE MAINTAINED TO ALL EXISTING BUILDING AND PARK FACILITIES.

SITE SPECIFIC NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING PROPOSED WORK WITH CO, PROVIDING ADEQUATE CONTROLS FOR SITE SAFETY, AND MINIMIZING IMPACTS. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR INITIATE ACTIVITIES THAT WILL RESTRICT ACCESS OF EMERGENCY VEHICLES.

2. THE CONTRACTOR SHALL MAINTAIN ON SITE AT ALL TIMES A SET OF RECORD DRAWINGS AND SPECIFICATIONS DURING THE PROGRESSION OF THE PROJECT. RECORD DRAWINGS AND SPECIFICATIONS SHALL BE UPDATED ON A DAILY BASIS AND SHALL BE SUBMITTED TO THE CO AT THE COMPLETION OF THE CONSTRUCTION. RECORD DRAWINGS SHALL INCLUDE THE LOCATIONS AND REFERENCED DIMENSIONS OF ANY UTILITIES ENCOUNTERED OR RELOCATED BY THE CONTRACTOR.

3. THE CONTRACTOR SHALL PERFORM ALL CONSTRUCTION ACTIVITIES WITHIN THE LIMIT OF WORK AREAS INDICATED ON THE PLANS. NO CONSTRUCTION ACTIVITIES OUTSIDE OF THE DEFINED LIMIT OF WORK AREA SHALL BE ALLOWED WITHOUT PRIOR WRITTEN AUTHORIZATION BY THE CO.

4. IF APPLICABLE ALL EXCAVATIONS SHALL BE BACKFILLED IN 12 INCH LIFTS, COMPACTED TO 95 PERCENT DENSITY, THE PAVEMENT REPAIRED, PROPERLY CURED, MARKED AND APPROVED BY THE CO PRIOR TO THE WORK AREA BEING REOPENED TO TRAFFIC.

5. OPEN TRENCHES OR EXCAVATIONS: THE CONTRACTOR SHALL NOT BE PERMITTED TO LEAVE ANY TRENCHES OR OTHER EXCAVATIONS OPEN AT NIGHT OR ON WEEKENDS UNLESS PRIOR ARRANGEMENTS HAVE BEEN MADE WITH THE CO. IF APPROVAL IS GRANTED, THE TRENCH MUST BE PLATED TO ACCOMMODATE TRAFFIC LOADING, AS NECESSARY.

6. VEGETATION REMOVAL SHALL BE LIMITED TO AREAS SHOWN ON PLANS FOR VEGETATION UP TO 6" DBH. VEGETATION OVER 6" DBH (I.E. TREES), SHALL NOT BE REMOVED WITHOUT APPROVAL BY THE CO.

CONTACT NUMBERS:

1. DIG ALERT: 811 OR WWW.DIGALERT.COM

2. NATIONAL PARK SERVICE DISPATCHER (24 HOURS)
   NAME: USPP DISPATCH PHONE: 202–610–7500
   SEE SPECIFICATION 01 31 00 1.3C FOR HARPER FERRY CONTACT LIST.

DESIGNED: H. ROCKWELL CADD S. MILLER TECH. REVIEW: B. GONSALVES DATE: APR 2026	SUB SHEET NO. G02	TITLE OF SHEET PAVEMENT PRESERVATION DESIGN SERVICES GENERAL NOTES HARPERS FERRY NATIONAL HISTORICAL PARK	DRAWING NO. 385 187099 PMIS/PKG NO. 242454 SHEET 3 OF 30

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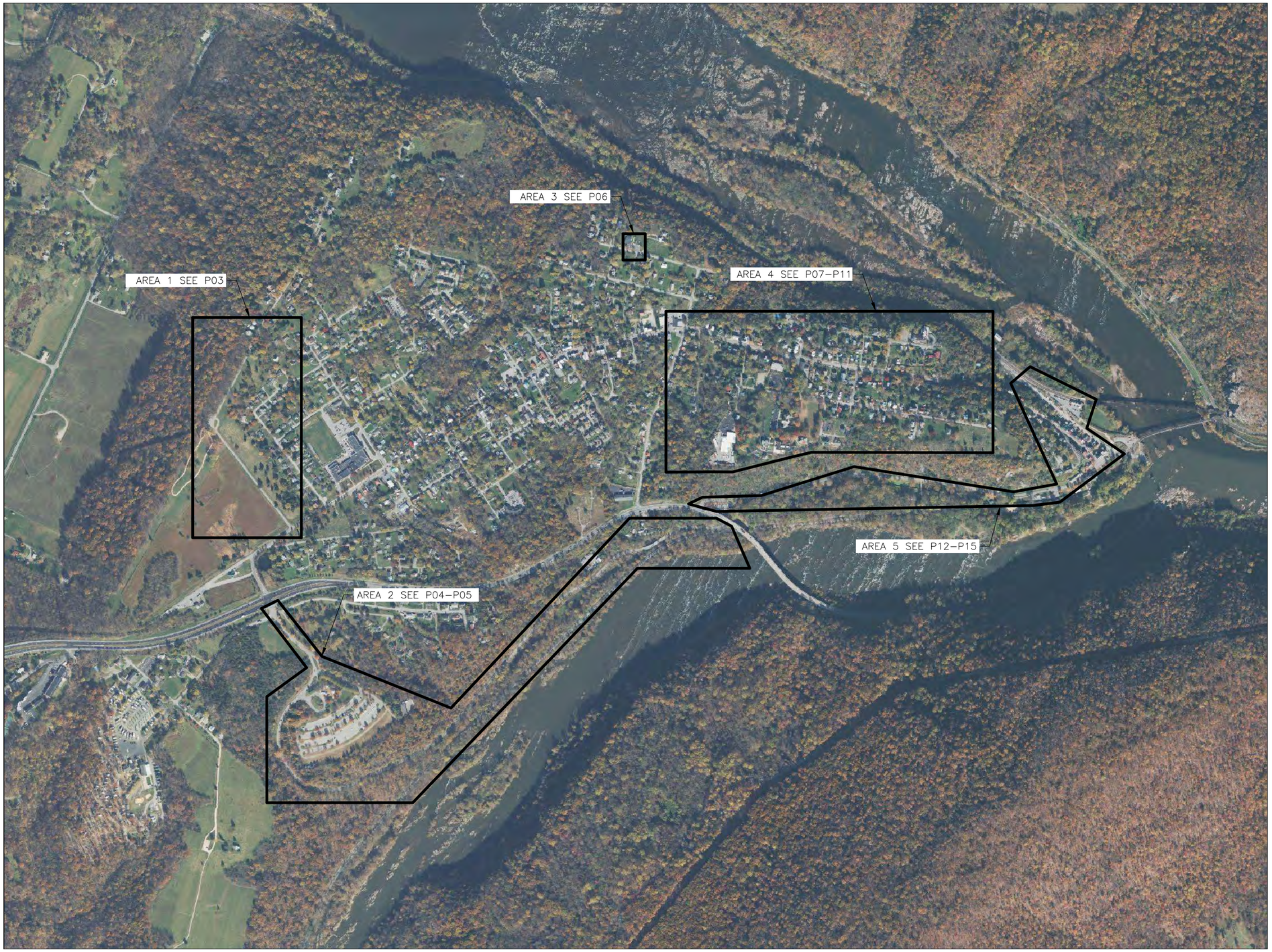

HARPERS FERRY NATIONAL HISTORICAL PARK

500 0 500 1000
SCALE OF FEET

DESIGNED: H. ROCKWELL CADD S. MILLER TECH. REVIEW: B. GONSALVES DATE: APR 2026	SUB SHEET NO. G03	TITLE OF SHEET **PAVEMENT PRESERVATION DESIGN SERVICES** **PAVEMENT PRESERVATION AREA OVERVIEW** HARPERS FERRY NATIONAL HISTORICAL PARK	DRAWING NO. 385 187099 PMIS/PKG NO. 242454 SHEET 4 OF 30

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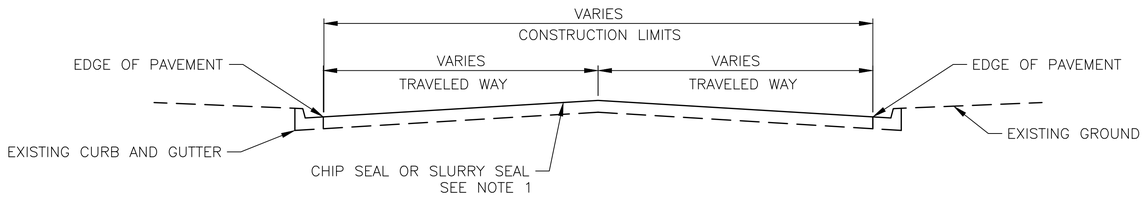
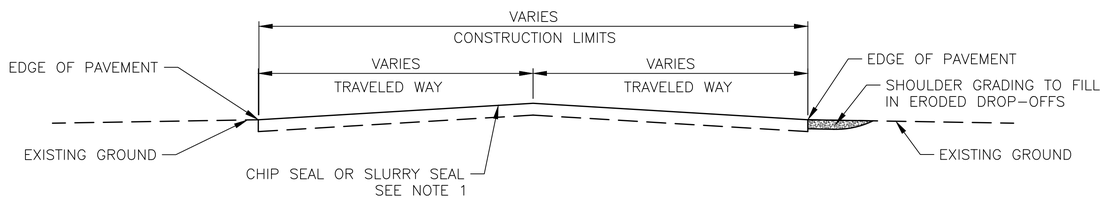


CHIP SEAL OR SLURRY SEAL TYPICAL SECTION AT CURB AND GUTTER



CHIP SEAL OR SLURRY SEAL TYPICAL SECTION – NO CURB

SHOULDER GRADING DETAIL

NOTES:

1. SEE SPECIFICATION 32 01 13.65 FOR MORE INFORMATION.

DESIGNED: H. ROCKWELL CADD S. MILLER TECH. REVIEW: B. GONSALVES DATE: APR 2026	SUB SHEET NO. P01	TITLE OF SHEET PAVEMENT PRESERVATION DESIGN SERVICES TYPICAL SECTIONS HARPERS FERRY NATIONAL HISTORICAL PARK	DRAWING NO. 385 187099 PMIS/PKG NO. 242454 SHEET 5 OF 30

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HARPERS FERRY NATIONAL HISTORIC PARK PAVEMENT PRESERVATION QUANTITIES

ROUTE ID	ROUTE NAME	CRACK SEALING (LF)	PARTIAL DEPTH PATCHING (SF)	FULL DEPTH PATCHING (SF)	SHOULDER GRADING (LF)	TREE TRIMMING (LF)	JOINT SEAL (LF)	SLURRY SEAL (SF)	CHIP SEAL TYPE 7 (SF)	PAVEMENT MARKINGS (LF)	PAVMENT MARKING ABA PARKING SYMBOLS (EA)	PAVEMENT MARKING SYMBOLS (EA)
CLIN 1 - PUBLIC ASSETS												
	AREA 1											
RTE 0300	WHITMAN PROSPECT AVENUE	1,600	1,877	3,072	61				55,757			
RTE 0921Z	BOLIVAR HEIGHTS PARKING	220						4,060		200	1	
RTE 0922Z	BOLIVAR HEIGHTS BUS LOOP	80						2,459				
	AREA 2											
RTE 0014	SHORELINE DRIVE	2,700	5,760		216			183,744				
RTE 0918	VISITOR CENTER PARKING (HALF OF ENTRANCE ROAD NOT PAVED IN 2025)	7,700						13,717		2,470		
	AREA 3											
RTE 0923	GRANDVILLE SCHOOL PARKING	100	65	195					5,124	260	1	
	AREA 4											
RTE 0010	HARTZOG DRIVE	310		1,090					15,206			
RTE 0902A	FACILITY MAINTENEANCE PUBLIC PARKING	1,300	12	79			30		27,247	1,607	2	
RTE 0933	HAFC HARTZOG DRIVE PARKING	30						1,332				
RTE 0903	HAFC LEWIS ANTHONY PARKING	150	118						4,262	60	3	
RTE 0932	HAFC BIRD BRADY PARKING	120	558	362					280	100		
RTE 0908	SHIPLEY SCHOOL PARKING	610		63	78	56			17,723	1,120		
RTE 0900	MATHER TRAINING CENTER PARKING	80						14,835		800	4	
RTE 0904	COOK HALL PARKING	380						6,933		120	1	
RTE 0910	MORRELL HOUSE PARKING	130	61						2,040	180		
RTE 0408	MAINTENANCE LOT ACCESS	80		552					5,069			
RTE 0911	BRACKET HOUSE PARKING	10			67			2,411		200		
	AREA 5											
RTE 0012	SHENANDOAH STREET	3,200			143		1,700		85,889			
RTE 0015	PUBLIC WAY	650	34	26					15,206			
RTE 0913	TRAIN STATION PARKING	600						32,834		2,160	5	4
RTE 0915	PULP MILL PARKING							1,054		20		
RTE 0916	RIVER ACCESS PARKING	160						13,526		961		
TOTAL CLIN 1		**20,210**	**8,485**	**5,439**	**565**	**56**	**1,730**	**276,905**	**233,803**	**10,258**	**17**	**4**
CLIN 2 - NON-PUBLIC ASSETS												
	AREA 2											
RTE 0919	VISITOR CENTER BUS LOOP	350							19,055			
RTE 0926	BUS MAINTENANCE PARKING	350	382						14,368	455		
	AREA 4											
RTE 0902B	FACILITY MAINTENANCE COMPLEX	380					80		24,893		2	
RTE 0906	IDC PARKING	170							6,235	480		
	AREA 5											
RTE 0914	LOWER TOWN BUS LOOP PARKING	450					110		11,860			
TOTAL CLIN 2		**1,700**	**382**	**-**	**-**	**-**	**190**	**-**	**76,411**	**935**	**2**	**-**

DESIGNED: H. ROCKWELL CADD S. MILLER TECH. REVIEW: B. GONSALVES DATE: APR 2026	SUB SHEET NO. P02	TITLE OF SHEET **PAVEMENT PRESERVATION DESIGN SERVICES** **QUANTITIES** HARPERS FERRY NATIONAL HISTORICAL PARK	DRAWING NO. 385 187099 PMIS/PKG NO. 242454 SHEET 6 OF 30

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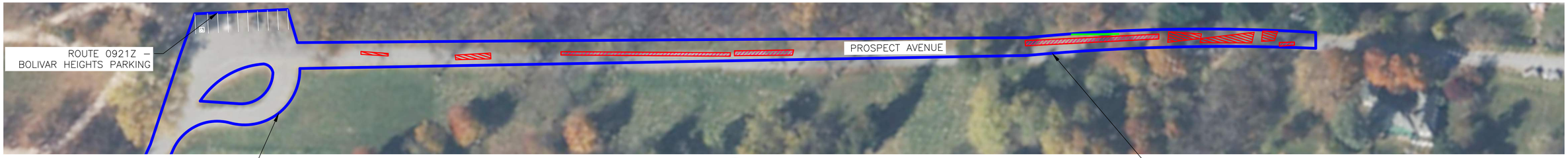


ROUTE 0922Z – BOLIVAR HEIGHTS BUS LOOP

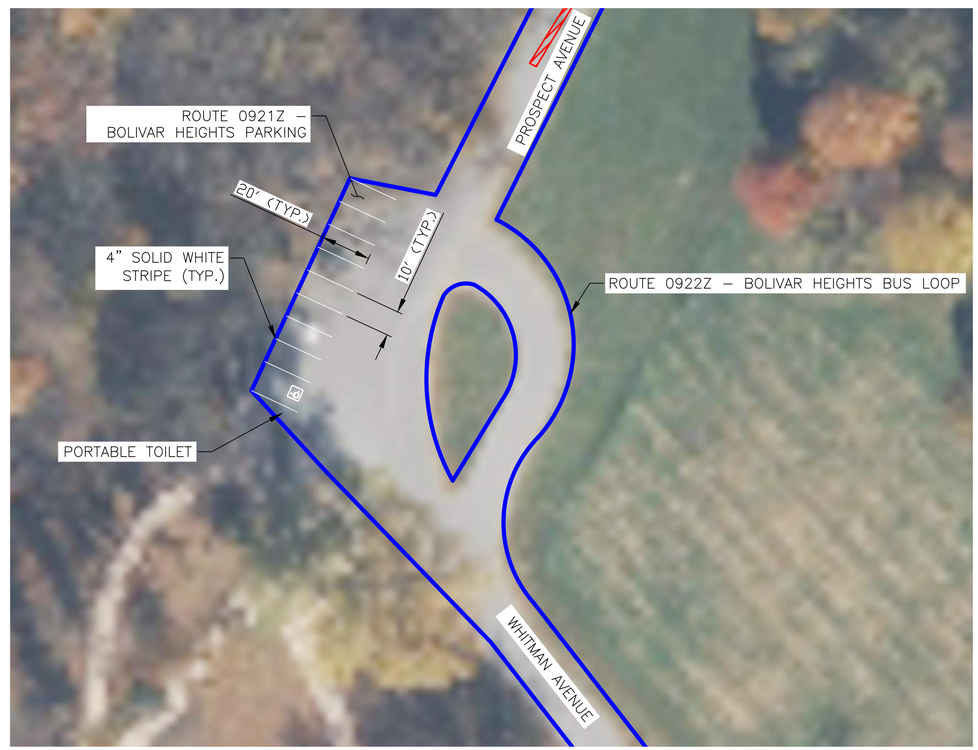
AREA 1
RTES 0200, 0921Z
AND 09222

50 0 50 100
SCALE OF FEET

ROUTE 0300 – WHITMAN/PROSPECT AVENUE

AREA 1
RTES 0200, 0921Z
AND 09222

60 0 60 120
SCALE OF FEET



AREA 1
RTE 0921Z BOLIVAR
HEIGHTS PARKING
PAVEMENT MARKINGS

30 0 30 60
SCALE OF FEET

NOTES:

1. LOCATIONS OF PAVEMENT PRESERVATION TREATMENTS ARE APPROXIMATE. SEE SUMMARY OF SURFACING QUANTITY TABLES ON PAVEMENT PRESERVATION QUANTITIES SHEET FOR MORE INFORMATION AND FIELD VERIFY PER SPECIFICATIONS PRIOR TO COMPLETING WORK.
2. FOR CHIP SEAL OR SLURRY SEAL TYPICAL SECTIONS SEE SHEET P01.
3. FOR CRACK SEALING DETAILS SEE SHEET T32.12C – CRACK SEALING AND FILLING DETAIL.
4. FOR PATCHING DETAILS SEE SHEET T32.12A – ASPHALT PATCHING PAVEMENT DETAIL. FULL DEPTH PATCHING AREAS SHOWN FOR INFORMATION ONLY. VERIFY ALL PATCHING LOCATIONS IN THE FIELD.
5. DOCUMENT PAVEMENT MARKING LOCATIONS PRIOR TO PAVEMENT PRESERVATION TREATMENT. REPLACE PAVEMENT MARKINGS IN KIND AFTER CHIP SEAL OR SLURRY SEAL IS COMPLETED AS DIRECTED IN THE SPECIFICATIONS.
6. FOR PAVEMENT PRESERVATION TRAFFIC CONTROL DETAILS SEE SHEET T34.10B – CONSTRUCTION TRAFFIC CONTROL SIGN MOUNTING DETAIL, SHEET T34.20A – MOBILE WORK OPERATION DETAIL, SHEET T34.20B – ROADWAY SHIFT OVER 40 MPH DETAIL, T34.20D – LANE DIVIDE DETAIL, T34.20L – LEFT LANE CLOSURE DETAIL, SHEET T34.20R – RIGHT LANE CLOSURE DETAIL

LEGEND

- PAVEMENT PRESERVATION WORK LIMITS
- SHOULDER GRADING
- PARTIAL DEPTH PATCHING
- FULL DEPTH PATCHING

DESIGNED: H. ROCKWELL	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
CADD S. MILLER	P03	PAVEMENT PRESERVATION DESIGN SERVICES AREA 1 OVERVIEW RTES 0300, 0921Z AND 0922Z HARPERS FERRY NATIONAL HISTORICAL PARK	385 187099
TECH. REVIEW: B. GONSALVES			PMIS/PKG NO. 242454
DATE: APR 2026			SHEET 7 OF 30

4/13/2026 1:33:06 PM Miller, Scott # c:\pwworking\central01\d411280\P03 - Area 1.dwg

NOTES:

1. LOCATIONS OF PAVEMENT PRESERVATION TREATMENTS ARE APPROXIMATE. SEE SUMMARY OF SURFACING QUANTITY TABLES ON PAVEMENT PRESERVATION QUANTITIES SHEET FOR MORE INFORMATION AND FIELD VERIFY PER SPECIFICATIONS PRIOR TO COMPLETING WORK.
2. FOR CHIP SEAL OR SLURRY SEAL TYPICAL SECTIONS SEE SHEET P01.
3. FOR CRACK SEALING DETAILS SEE SHEET T32.12C – CRACK SEALING AND FILLING DETAIL.
4. FOR PATCHING DETAILS SEE SHEET T32.12A – ASPHALT PATCHING PAVEMENT DETAIL. FULL DEPTH PATCHING AREAS SHOWN FOR INFORMATION ONLY. VERIFY ALL PATCHING LOCATIONS IN THE FIELD.
5. DOCUMENT PAVEMENT MARKING LOCATIONS PRIOR TO PAVEMENT PRESERVATION TREATMENT. REPLACE PAVEMENT MARKINGS IN KIND AFTER CHIP SEAL OR SLURRY SEAL IS COMPLETED AS DIRECTED IN THE SPECIFICATIONS.
6. FOR PAVEMENT PRESERVATION TRAFFIC CONTROL DETAILS SEE SHEET T34.10B – CONSTRUCTION TRAFFIC CONTROL SIGN MOUNTING DETAIL, SHEET T34.20A – MOBILE WORK OPERATION DETAIL, SHEET T34.20B – ROADWAY SHIFT OVER 40 MPH DETAIL, T34.20D – LANE DIVIDE DETAIL, T34.20L – LEFT LANE CLOSURE DETAIL, SHEET T34.20R – RIGHT LANE CLOSURE DETAIL

AREA 2
OVERVIEW RTES
0014, 0918, 0919,
AND 0926

150 0 150 300
SCALE OF FEET

LEGEND

- PAVEMENT PRESERVATION WORK LIMITS
- SHOULDER GRADING
- PARTIAL DEPTH PATCHING

DESIGNED: H. ROCKWELL CADD S. MILLER TECH. REVIEW: B. GONSALVES DATE: APR 2026	SUB SHEET NO. P04	TITLE OF SHEET **PAVEMENT PRESERVATION DESIGN SERVICES** AREA 2 **OVERVIEW** RTES 0014, 0918, 0919 AND 0926 HARPERS FERRY NATIONAL HISTORICAL PARK	DRAWING NO. 385 187099 PMIS/PKG NO. 242454 SHEET 8 OF 30

4/13/2026 1:33:11 PM Miller, Scott # E:\pwworking\centro01\d4111280\P04 - P05 Area 2.dwg

ROUTE 0919 – VISITOR CENTER BUS LOOP

HARPERS FERRY NATIONAL PARK VISITOR CENTER

CONCRETE BUS PAD PROTECT IN PLACE

ANGLED CROSSWALK (TYP) SEE DETAIL T32.17B

LONGITUDINAL BAR CROSSWALK SEE DETAIL T32.17B

35' (TYP.)

ROUTE 0926 – BUS MAINTENANCE PARKING

15' (TYP.)

CONCRETE PAD PROTECT IN PLACE

PROTECT EXISTING PAVEMENT MARKINGS IN PLACE

ROUTE 0918 – VISITOR CENTER PARKING

AREA 2 HARPERS FERRY NATIONAL PARK PARKING

NOTES:

1. LOCATIONS OF PAVEMENT PRESERVATION TREATMENTS ARE APPROXIMATE. SEE SUMMARY OF SURFACING QUANTITY TABLES ON PAVEMENT PRESERVATION QUANTITIES SHEET FOR MORE INFORMATION AND FIELD VERIFY PER SPECIFICATIONS PRIOR TO COMPLETING WORK.
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4. FOR PATCHING DETAILS SEE SHEET T32.12A – ASPHALT PATCHING PAVEMENT DETAIL. FULL DEPTH PATCHING AREAS SHOWN FOR INFORMATION ONLY. VERIFY ALL PATCHING LOCATIONS IN THE FIELD.
5. DOCUMENT NUMBER OF PARKING SPACES, AND SPACE DIMENSIONS PRIOR TO PAVEMENT PRESERVATION TREATMENT. REPLACE PAVEMENT MARKINGS IN KIND AFTER CHIP SEAL OR SLURRY SEAL IS COMPLETED AS DIRECTED IN THE SPECIFICATIONS.
6. FOR PAVEMENT PRESERVATION TRAFFIC CONTROL DETAILS SEE SHEET T34.10B – CONSTRUCTION TRAFFIC CONTROL SIGN MOUNTING DETAIL, SHEET T34.20A – MOBILE WORK OPERATION DETAIL, SHEET T34.20B – ROADWAY SHIFT OVER 40 MPH DETAIL, T34.20D – LANE DIVIDE DETAIL, T34.20L – LEFT LANE CLOSURE DETAIL, SHEET T34.20R – RIGHT LANE CLOSURE DETAIL

50 0 50 100
SCALE OF FEET

LEGEND

- PAVEMENT PRESERVATION WORK LIMITS
- SHOULDER GRADING
- PARTIAL DEPTH PATCHING

DESIGNED: H. ROCKWELL CADD S. MILLER TECH. REVIEW: B. GONSALVES DATE: APR 2026	SUB SHEET NO. P05	TITLE OF SHEET PAVEMENT PRESERVATION DESIGN SERVICES AREA 2 PARKING AREAS RTES 0014, 0918, 0919 AND 0926 HARPERS FERRY NATIONAL HISTORICAL PARK	DRAWING NO. 385 187099 PMIS/PKG NO. 242454 SHEET 9 OF 30

4/13/2026 1:33:15 PM Miller, Scott # c:\pwworking\centro01\d4117280\P04 - P05 Area 2.dwg

AREA 3
RTE 0923
GRANDVILLE
SCHOOL PARKING

20 0 20 40
SCALE OF FEET

NOTES:

1. LOCATIONS OF PAVEMENT PRESERVATION TREATMENTS ARE APPROXIMATE. SEE SUMMARY OF SURFACING QUANTITY TABLES ON PAVEMENT PRESERVATION QUANTITIES SHEET FOR MORE INFORMATION AND FIELD VERIFY PER SPECIFICATIONS PRIOR TO COMPLETING WORK.
2. FOR CHIP SEAL OR SLURRY SEAL TYPICAL SECTIONS SEE SHEET P01.
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5. DOCUMENT PAVEMENT MARKING LOCATIONS PRIOR TO PAVEMENT PRESERVATION TREATMENT. REPLACE PAVEMENT MARKINGS IN KIND AFTER CHIP SEAL OR SLURRY SEAL IS COMPLETED AS DIRECTED IN THE SPECIFICATIONS.
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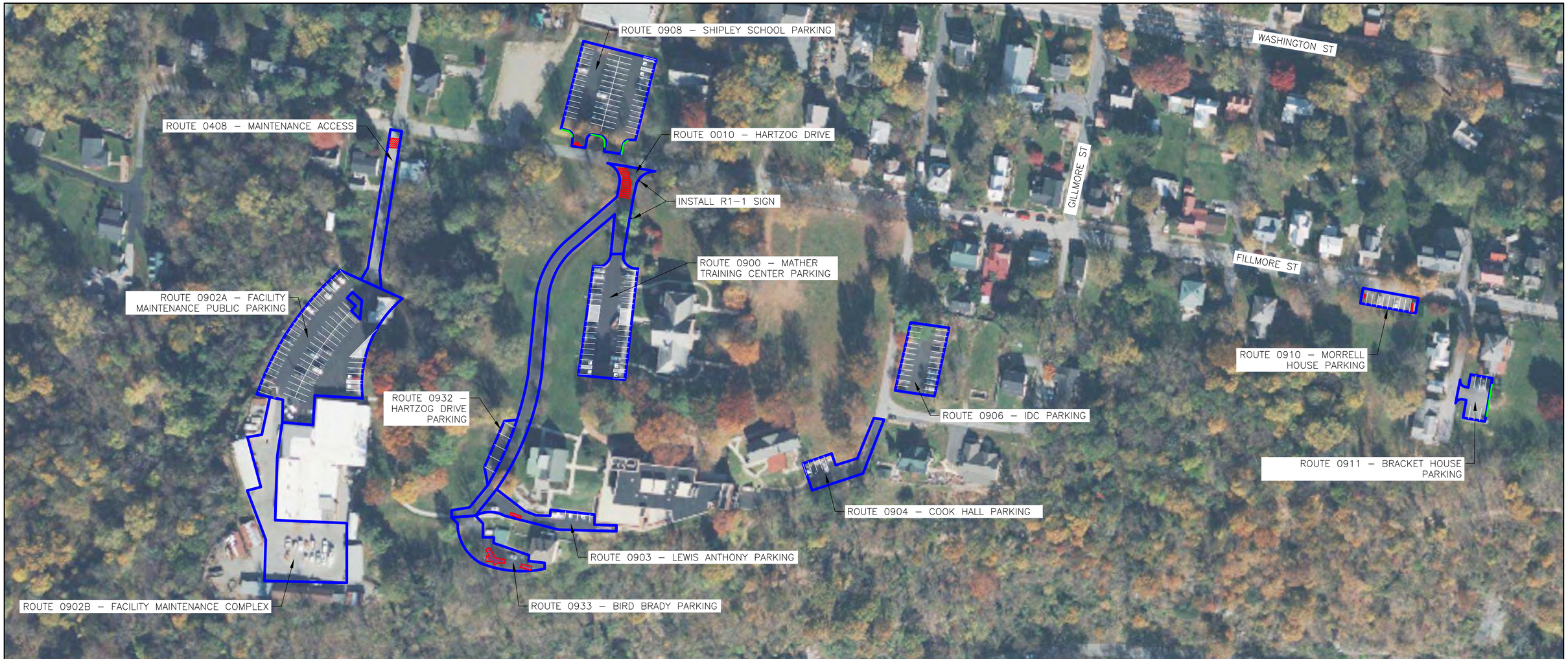
LEGEND

- PAVEMENT PRESERVATION WORK LIMITS
- SHOULDER GRADING
- PARTIAL DEPTH PATCHING
- FULL DEPTH PATCHING

DESIGNED: H. ROCKWELL CADD S. MILLER TECH. REVIEW: B. GONSALVES DATE: APR 2026	SUB SHEET NO. P06	TITLE OF SHEET PAVEMENT PRESERVATION DESIGN SERVICES AREA 3 GRANDVILLE SCHOOL PARKING RTE 0923 HARPERS FERRY NATIONAL HISTORICAL PARK	DRAWING NO. 385 187099 PMIS/PKG NO. 242454 SHEET 10 OF 30

4/13/2026 1:33:21 PM Miller, Scott c:\pwworking\centrad01\d4111280\P06 - Area 3.dwg



AREA 4
VARIOUS ROUTES

80 0 80 160
SCALE OF FEET

NOTES:

1. LOCATIONS OF PAVEMENT PRESERVATION TREATMENTS ARE APPROXIMATE. SEE SUMMARY OF SURFACING QUANTITY TABLES ON PAVEMENT PRESERVATION QUANTITIES SHEET FOR MORE INFORMATION AND FIELD VERIFY PER SPECIFICATIONS PRIOR TO COMPLETING WORK.
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5. DOCUMENT PAVEMENT MARKING LOCATIONS PRIOR TO PAVEMENT PRESERVATION TREATMENT. REPLACE PAVEMENT MARKINGS IN KIND AFTER CHIP SEAL OR SLURRY SEAL IS COMPLETED AS DIRECTED IN THE SPECIFICATIONS.
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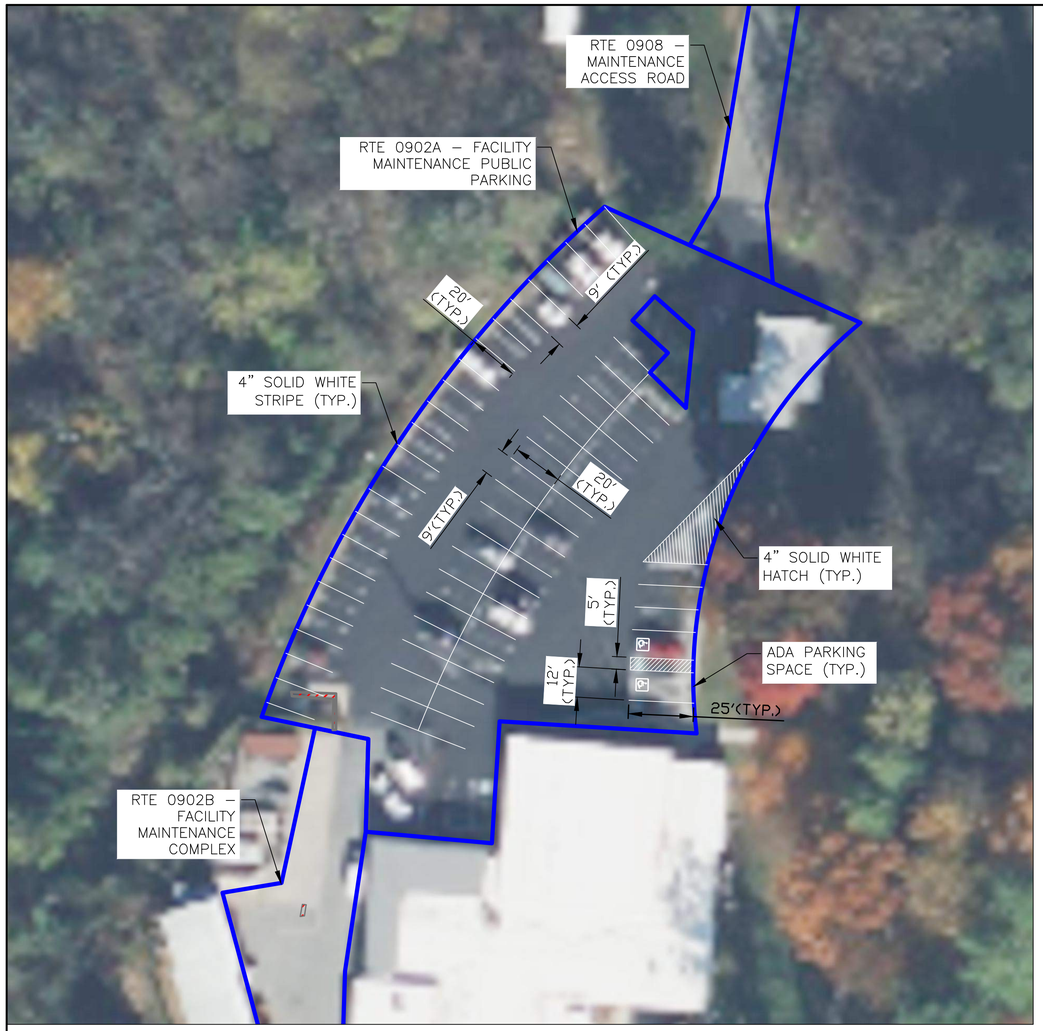
LEGEND

- PAVEMENT PRESERVATION WORK LIMITS
- SHOULDER GRADING
- PARTIAL DEPTH PATCHING
- FULL DEPTH PATCHING

DESIGNED: H. ROCKWELL	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
CADD S. MILLER	P07	PAVEMENT PRESERVATION DESIGN SERVICES AREA 4 OVERVIEW	385 187099
TECH. REVIEW: B. GONSALVES			PMIS/PKG NO. 242454
DATE: APR 2026		VARIOUS ROUTES HARPERS FERRY NATIONAL HISTORICAL PARK	SHEET 11 OF 30

4/13/2026 1:33:26 PM Miller, Scott #: c:\pwworking\central01\d4111280\P07 - P11 Area 4.dwg



AREA 4
RTE 0902A

30 0 30 60
SCALE OF FEET

AREA 4
RTE 0908

30 0 30 60
SCALE OF FEET

NOTES:

1. LOCATIONS OF PAVEMENT PRESERVATION TREATMENTS ARE APPROXIMATE. SEE SUMMARY OF SURFACING QUANTITY TABLES ON PAVEMENT PRESERVATION QUANTITIES SHEET FOR MORE INFORMATION AND FIELD VERIFY PER SPECIFICATIONS PRIOR TO COMPLETING WORK.
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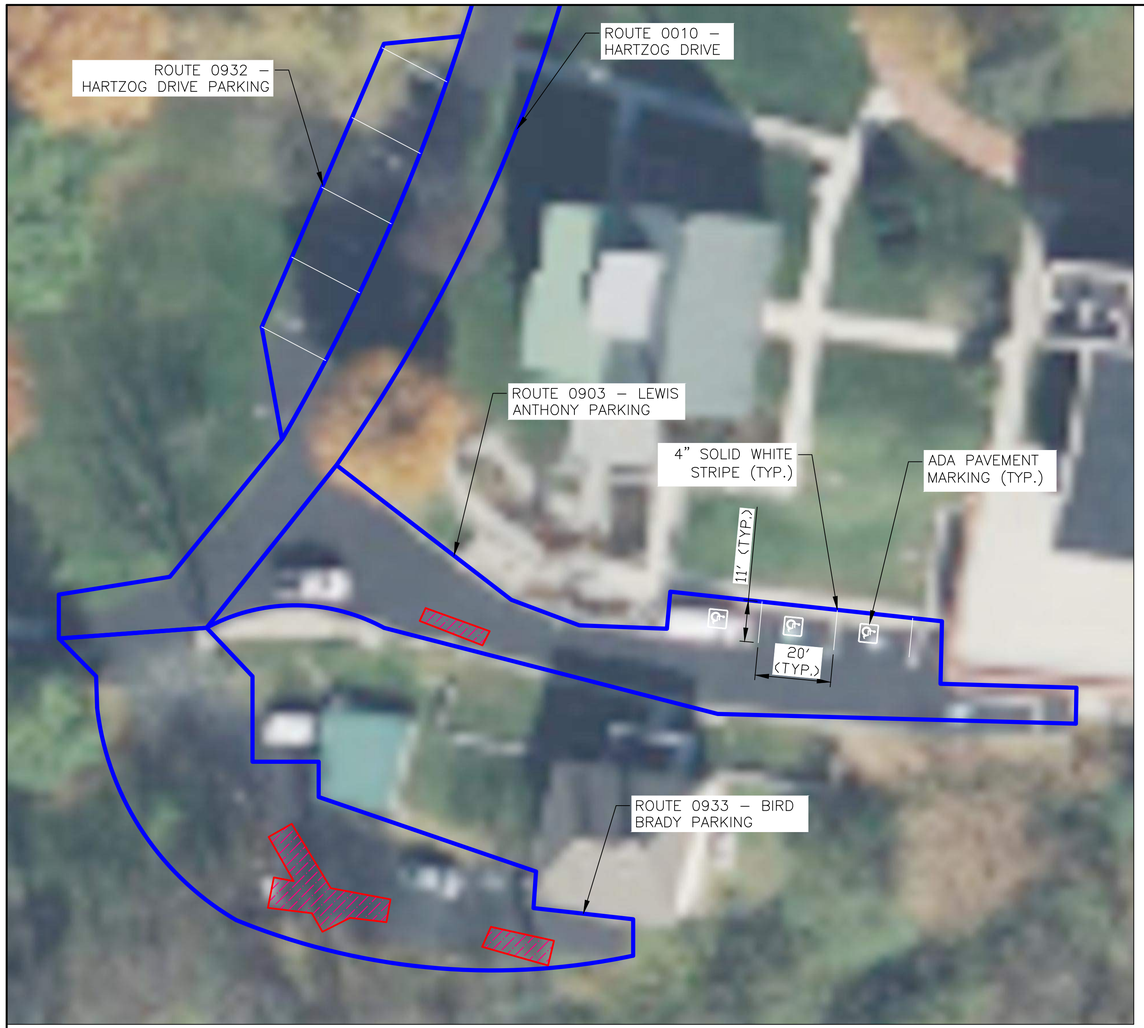
4. FOR PATCHING DETAILS SEE SHEET T32.12A – ASPHALT PATCHING PAVEMENT DETAIL. FULL DEPTH PATCHING AREAS SHOWN FOR INFORMATION ONLY. VERIFY ALL PATCHING LOCATIONS IN THE FIELD.
5. DOCUMENT PAVEMENT MARKING LOCATIONS PRIOR TO PAVEMENT PRESERVATION TREATMENT. REPLACE PAVEMENT MARKINGS IN KIND AFTER CHIP SEAL OR SLURRY SEAL IS COMPLETED AS DIRECTED IN THE SPECIFICATIONS.
6. FOR PAVEMENT PRESERVATION TRAFFIC CONTROL DETAILS SEE SHEET T34.10B – CONSTRUCTION TRAFFIC CONTROL SIGN MOUNTING DETAIL, SHEET T34.20A – MOBILE WORK OPERATION DETAIL, SHEET T34.20B – ROADWAY SHIFT OVER 40 MPH DETAIL, T34.20D – LANE DIVIDE DETAIL, T34.20L – LEFT LANE CLOSURE DETAIL, SHEET T34.20R – RIGHT LANE CLOSURE DETAIL.

LEGEND

- PAVEMENT PRESERVATION WORK LIMITS
- SHOULDER GRADING
- PARTIAL DEPTH PATCHING
- FULL DEPTH PATCHING

DESIGNED: H. ROCKWELL	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
CADD S. MILLER	P08	PAVEMENT PRESERVATION DESIGN SERVICES AREA 4 PARKING AREAS	385 187099
TECH. REVIEW: B. GONSALVES			PMIS/PKG NO. 242454
DATE: APR 2026		RTES 0902A AND 0908 HARPERS FERRY NATIONAL HISTORICAL PARK	SHEET 12 OF 30

4/13/2026 1:33:29 PM Miller, Scott ## c:\pwworking\central01\d4111280\P07 – P11 Area 4.dwg



AREA 4
RTE 0932, 0903, 0933

20 0 20 40
SCALE OF FEET

AREA 4
RTE 0900 –
MATHER TRAINING
CENTER PARKING

20 0 20 40
SCALE OF FEET

NOTES:

1. LOCATIONS OF PAVEMENT PRESERVATION TREATMENTS ARE APPROXIMATE. SEE SUMMARY OF SURFACING QUANTITY TABLES ON PAVEMENT PRESERVATION QUANTITIES SHEET FOR MORE INFORMATION AND FIELD VERIFY PER SPECIFICATIONS PRIOR TO COMPLETING WORK.
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5. DOCUMENT PAVEMENTS MARKING LOCATIONS PRIOR TO PAVEMENT PRESERVATION TREATMENT. REPLACE PAVEMENT MARKINGS IN KIND AFTER CHIP SEAL OR BLURRY SEAL IS COMPLETED AS DIRECTED IN THE SPECIFICATIONS.
6. FOR PAVEMENT PRESERVATION TRAFFIC CONTROL DETAILS SEE SHEET T34.10B – CONSTRUCTION TRAFFIC CONTROL SIGN MOUNTING DETAIL, SHEET T34.20A – MOBILE WORK OPERATION DETAIL, SHEET T34.20B – ROADWAY SHIFT OVER 40 MPH DETAIL, T34.20D – LANE DIVIDE DETAIL, T34.20L – LEFT LANE CLOSURE DETAIL, SHEET T34.20R – RIGHT LANE CLOSURE DETAIL.

LEGEND

- PAVEMENT PRESERVATION WORK LIMITS
- SHOULDER GRADING
- PARTIAL DEPTH PATCHING
- FULL DEPTH PATCHING

DESIGNED: H. ROCKWELL CADD S. MILLER TECH. REVIEW: B. GONSALVES DATE: APR 2026	SUB SHEET NO. P09	TITLE OF SHEET **PAVEMENT PRESERVATION DESIGN SERVICES** AREA 4 **PARKING AREAS** RTES 0903 0932 0933 AND 0900 HARPERS FERRY NATIONAL HISTORICAL PARK	DRAWING NO. 385 187099 PMIS/PKG NO. 242454 SHEET 13 OF 30

4/13/2026 1:33:34 PM Miller, Scott ## c:\pwworking\central01\d4111280\P07 – P11 Area 4.dwg

AREA 4
RTE 0904, 0906

30 0 30 60
SCALE OF FEET

AREA 4
RTE 0911 – BRACKETT HOUSE PARKING

10 0 10 20
SCALE OF FEET

NOTES:

1. LOCATIONS OF PAVEMENT PRESERVATION TREATMENTS ARE APPROXIMATE. SEE SUMMARY OF SURFACING QUANTITY TABLES ON PAVEMENT PRESERVATION QUANTITIES SHEET FOR MORE INFORMATION AND FIELD VERIFY PER SPECIFICATIONS PRIOR TO COMPLETING WORK.
2. FOR CHIP SEAL OR SLURRY SEAL TYPICAL SECTIONS SEE SHEET P01.
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4. FOR PATCHING DETAILS SEE SHEET T32.12A – ASPHALT PATCHING PAVEMENT DETAIL. FULL DEPTH PATCHING AREAS SHOWN FOR INFORMATION ONLY. VERIFY ALL PATCHING LOCATIONS IN THE FIELD.
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6. FOR PAVEMENT PRESERVATION TRAFFIC CONTROL DETAILS SEE SHEET T34.10B – CONSTRUCTION TRAFFIC CONTROL SIGN MOUNTING DETAIL, SHEET T34.20A – MOBILE WORK OPERATION DETAIL, SHEET T34.20B – ROADWAY SHIFT OVER 40 MPH DETAIL, T34.20D – LANE DIVIDE DETAIL, T34.20L – LEFT LANE CLOSURE DETAIL, SHEET T34.20R – RIGHT LANE CLOSURE DETAIL.

LEGEND

- PAVEMENT PRESERVATION WORK LIMITS
- SHOULDER GRADING
- PARTIAL DEPTH PATCHING
- FULL DEPTH PATCHING

DESIGNED: H. ROCKWELL	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
CADD S. MILLER	P10	PAVEMENT PRESERVATION DESIGN SERVICES AREA 4 PARKING AREAS	385 187099
TECH. REVIEW: B. GONSALVES			PMIS/PKG NO. 242454
DATE: APR 2026		RTES 0904, 0906 AND 0911 HARPERS FERRY NATIONAL HISTORICAL PARK	SHEET 14 OF 30

4/13/2026 1:33:39 PM Miller, Scott ## c:\pwworking\central01\d4111280\P07 - P11 Area 4.dwg

AREA 4
RTE 0910

16 0 10 20
SCALE OF FEET

NOTES:

1. LOCATIONS OF PAVEMENT PRESERVATION TREATMENTS ARE APPROXIMATE. SEE SUMMARY OF SURFACING QUANTITY TABLES ON PAVEMENT PRESERVATION QUANTITIES SHEET FOR MORE INFORMATION AND FIELD VERIFY PER SPECIFICATIONS PRIOR TO COMPLETING WORK.
2. FOR CHIP SEAL OR SLURRY SEAL TYPICAL SECTIONS SEE SHEET P01.
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6. FOR PAVEMENT PRESERVATION TRAFFIC CONTROL DETAILS SEE SHEETS T34.10B THRU T34.20R.

LEGEND

- PAVEMENT PRESERVATION WORK LIMITS
- SHOULDER GRADING
- PARTIAL DEPTH PATCHING
- FULL DEPTH PATCHING

DESIGNED: H. ROCKWELL CADD S. MILLER TECH. REVIEW: B. GONSALVES DATE: APR 2026	SUB SHEET NO. P11	TITLE OF SHEET **PAVEMENT PRESERVATION DESIGN SERVICES** AREA 4 **PARKING LOT** RTES 0910 HARPERS FERRY NATIONAL HISTORICAL PARK	DRAWING NO. 385 187099 PMIS/PKG NO. 242454 SHEET 15 OF 30

4/13/2026 1:33:44 PM Miller, Scott # c:\pwworking\centro01\d4111280\P07 – P11 Area 4.dwg

AREA 5
OVERVIEW

150 0 150 300
SCALE OF FEET

NOTES:

1. LOCATIONS OF PAVEMENT PRESERVATION TREATMENTS ARE APPROXIMATE. SEE SUMMARY OF SURFACING QUANTITY TABLES ON PAVEMENT PRESERVATION QUANTITIES SHEET FOR MORE INFORMATION AND FIELD VERIFY PER SPECIFICATIONS PRIOR TO COMPLETING WORK.
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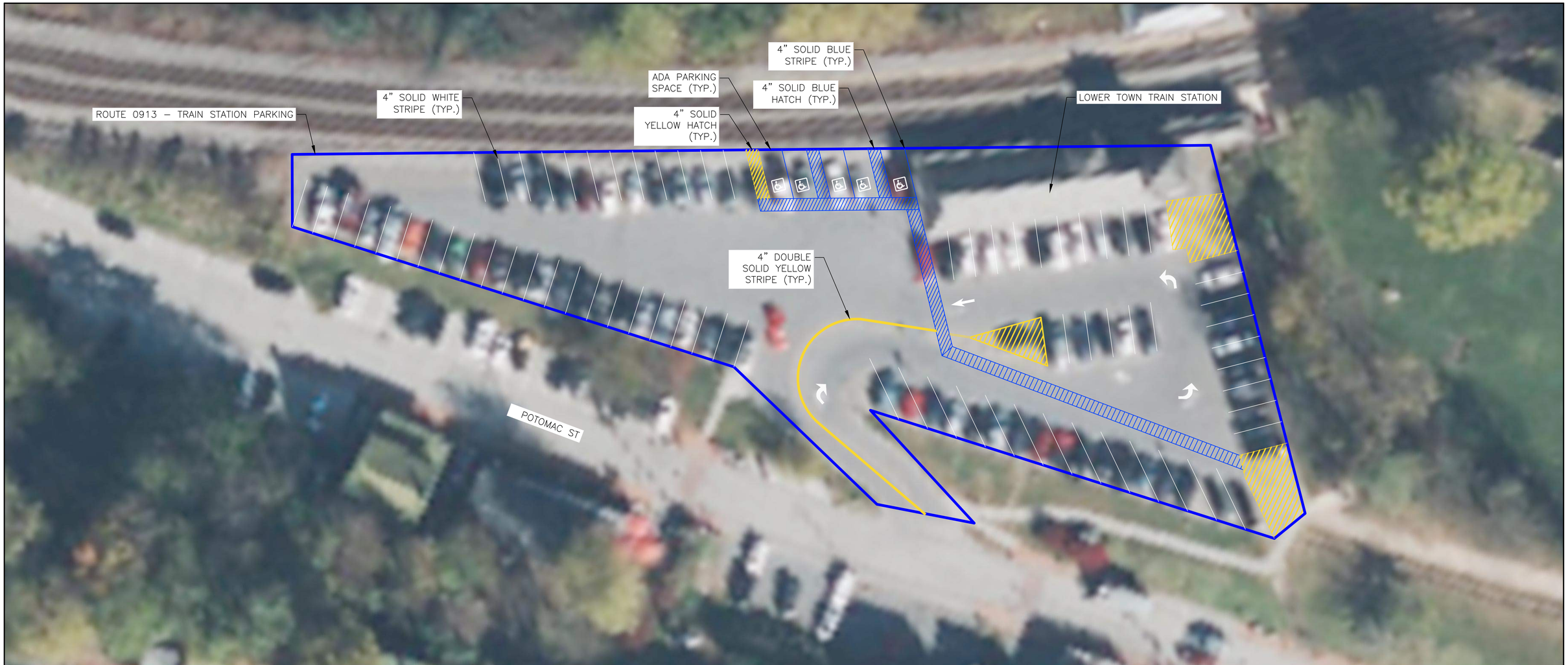
6. FOR PAVEMENT PRESERVATION TRAFFIC CONTROL DETAILS SEE SHEET T34.10B – CONSTRUCTION TRAFFIC CONTROL SIGN MOUNTING DETAIL, SHEET T34.20A – MOBILE WORK OPERATION DETAIL, SHEET T34.20B – ROADWAY SHIFT OVER 40 MPH DETAIL, T34.20D – LANE DIVIDE DETAIL, T34.30L – LEFT LANE CLOSURE DETAIL, SHEET T34.20R – RIGHT LANE CLOSURE DETAIL

LEGEND

- PAVEMENT PRESERVATION WORK LIMITS
- SHOULDER GRADING
- PARTIAL DEPTH PATCHING
- FULL DEPTH PATCHING

DESIGNED: H. ROCKWELL CADD S. MILLER TECH. REVIEW: B. GONSALVES DATE: APR 2026	SUB SHEET NO. P12	TITLE OF SHEET PAVEMENT PRESERVATION DESIGN SERVICES AREA 5 OVERVIEW RTES 0012, 0013, 0015, 0914, AND 0925 HARPERS FERRY NATIONAL HISTORICAL PARK	DRAWING NO. 385 187099 PMIS/PKG NO. 242454 SHEET 16 OF 30

4/13/2026 1:33:51 PM Miller, Scott # c:\pwworking\central01\d4111280\P12 – P15 Area 5.dwg



AREA 5
RTE 0913 TRAIN
STATION PARKING

20 0 20 40
SCALE OF FEET

NOTES:

1. LOCATIONS OF PAVEMENT PRESERVATION TREATMENTS ARE APPROXIMATE. SEE SUMMARY OF SURFACING QUANTITY TABLES ON PAVEMENT PRESERVATION QUANTITIES SHEET FOR MORE INFORMATION AND FIELD VERIFY PER SPECIFICATIONS PRIOR TO COMPLETING WORK.
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LEGEND

PAVEMENT PRESERVATION WORK LIMITS

DESIGNED: H. ROCKWELL	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
CADD S. MILLER	P13	PAVEMENT PRESERVATION DESIGN SERVICES AREA 5 TRAIN STATION PARKING RTE 0913	385 187099
TECH. REVIEW: B. GONSALVES			PMIS/PKG NO. 242454
DATE: APR 2026		HARPERS FERRY NATIONAL HISTORICAL PARK	SHEET 17 OF 30

4/13/2026 1:33:55 PM Miller, Scott ## c:\pwworking\central01\d4111280\P12 - P15 Area 5.dwg

AREA 5
RTE 0914

16 0 20 40
SCALE OF FEET

NOTES:

1. LOCATIONS OF PAVEMENT PRESERVATION TREATMENTS ARE APPROXIMATE. SEE SUMMARY OF SURFACING QUANTITY TABLES ON PAVEMENT PRESERVATION QUANTITIES SHEET FOR MORE INFORMATION AND FIELD VERIFY PER SPECIFICATIONS PRIOR TO COMPLETING WORK.
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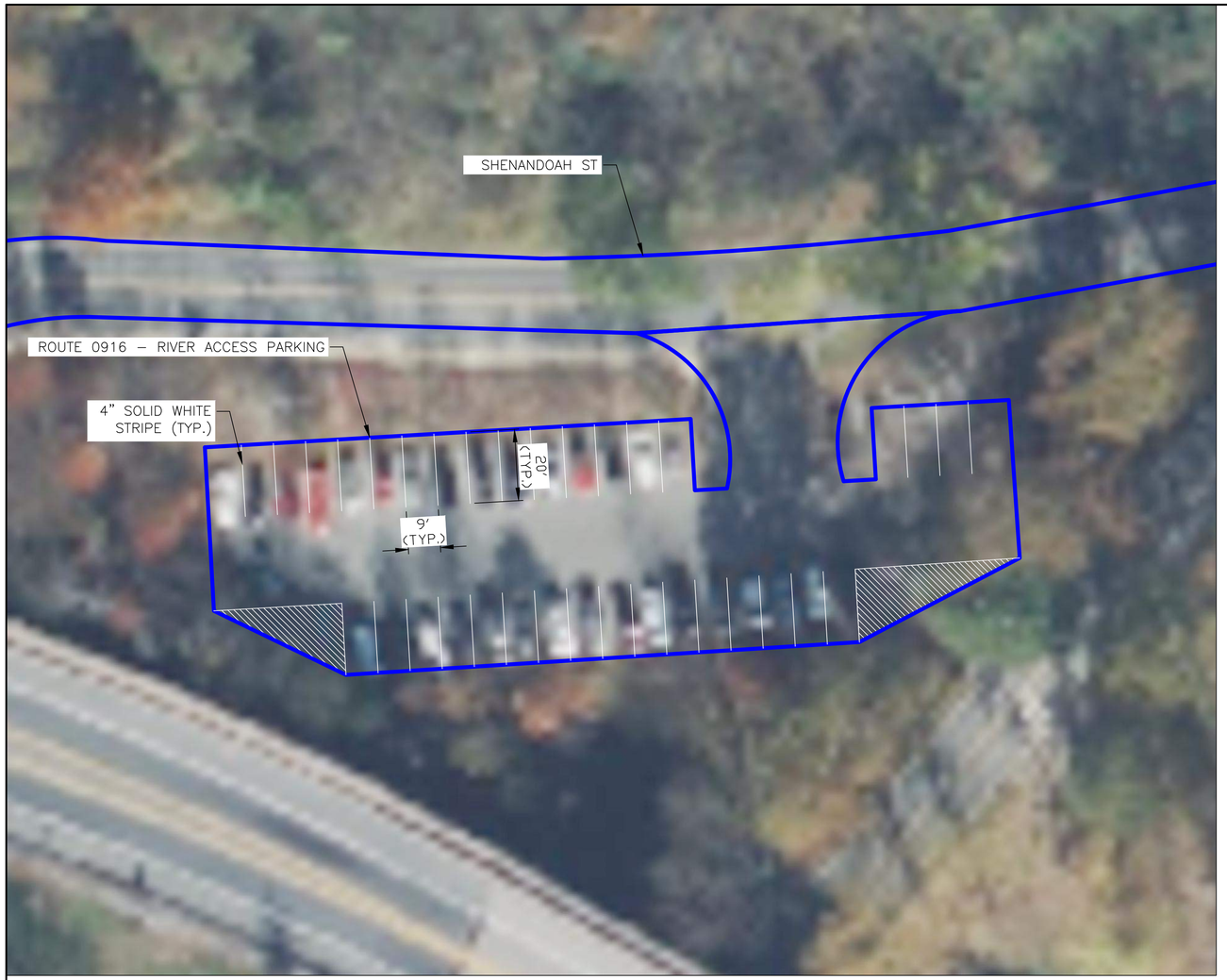
LEGEND

PAVEMENT PRESERVATION WORK LIMITS

DESIGNED: H. ROCKWELL CADD S. MILLER TECH. REVIEW: B. GONSALVES DATE: APR 2026	SUB SHEET NO. P14	TITLE OF SHEET PAVEMENT PRESERVATION DESIGN SERVICES AREA 5 BUS LOOP PARKING RTE 0914 HARPERS FERRY NATIONAL HISTORICAL PARK	DRAWING NO. 385 187099 PMIS/PKG NO. 242454 SHEET 18 OF 30

4/13/2026 1:33:59 PM Miller, Scott c:\pwworking\central01\d4111280\P12 – P15 Area 5.dwg



AREA 5
RTE 0916 RIVER
ACCESS PARKING

20 0 20 40
SCALE OF FEET

AREA 5
RTE 0915 PULP
MILL PARKING

10 0 10 20
SCALE OF FEET

NOTES:

1. LOCATIONS OF PAVEMENT PRESERVATION TREATMENTS ARE APPROXIMATE. SEE SUMMARY OF SURFACING QUANTITY TABLES ON PAVEMENT PRESERVATION QUANTITIES SHEET FOR MORE INFORMATION AND FIELD VERIFY PER SPECIFICATIONS PRIOR TO COMPLETING WORK.
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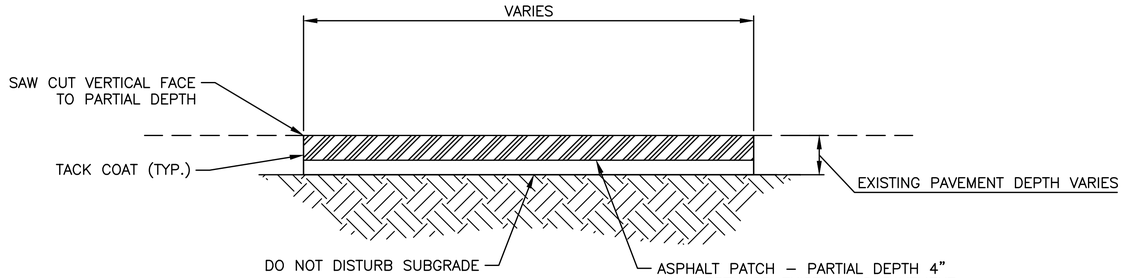
4. FOR PATCHING DETAILS SEE SHEET T32.12A – ASPHALT PATCHING PAVEMENT DETAIL. FULL DEPTH PATCHING AREAS SHOWN FOR INFORMATION ONLY. VERIFY ALL PATCHING LOCATIONS IN THE FIELD.
5. DOCUMENT PAVEMENT MARKING LOCATIONS PRIOR TO PAVEMENT PRESERVATION TREATMENT. REPLACE PAVEMENT MARKINGS IN KIND AFTER CHIP SEAL OR SLURRY SEAL IS COMPLETED AS DIRECTED IN THE SPECIFICATIONS.
6. FOR PAVEMENT PRESERVATION TRAFFIC CONTROL DETAILS SEE SHEET T34.10B – CONSTRUCTION TRAFFIC CONTROL SIGN MOUNTING DETAIL, SHEET T34.20A – MOBILE WORK OPERATION DETAIL, SHEET T34.20B – ROADWAY SHIFT OVER 40 MPH DETAIL, T34.20D – LANE DIVIDE DETAIL, T34.20L – LEFT LANE CLOSURE DETAIL, SHEET T34.20R – RIGHT LANE CLOSURE DETAIL.

LEGEND

- PAVEMENT PRESERVATION WORK LIMITS
- SHOULDER GRADING
- PARTIAL DEPTH PATCHING
- FULL DEPTH PATCHING

DESIGNED: H. ROCKWELL CADD S. MILLER TECH. REVIEW: B. GONSALVES DATE: APR 2026	SUB SHEET NO. P15	TITLE OF SHEET PAVEMENT PRESERVATION DESIGN SERVICES AREA 5 PARKING AREAS RTES 0915 AND 0916 HARPERS FERRY NATIONAL HISTORICAL PARK	DRAWING NO. 385 187099 PMIS/PKG NO. 242454 SHEET 19 OF 30

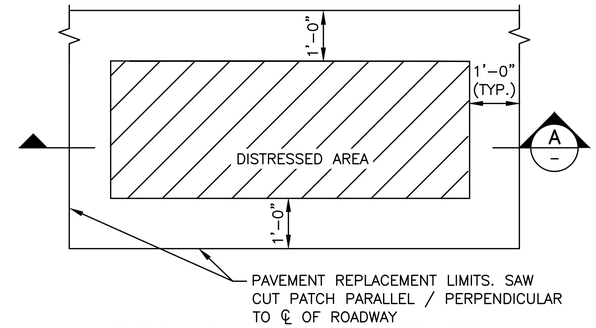
4/13/2026 1:34:04 PM Miller, Scott ## c:\pwworking\central01\d4111280\P12 - P15 Area 5.dwg



SECTION A–A

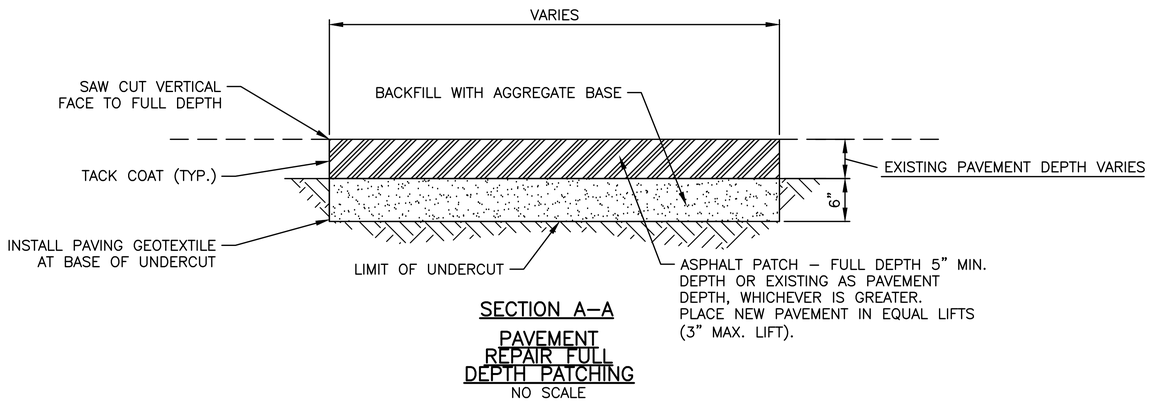
PAVEMENT REPAIR PARTIAL DEPTH PATCHING

NO SCALE



TYPICAL PLAN DETAIL FOR ISOLATED ASHALT PATCH

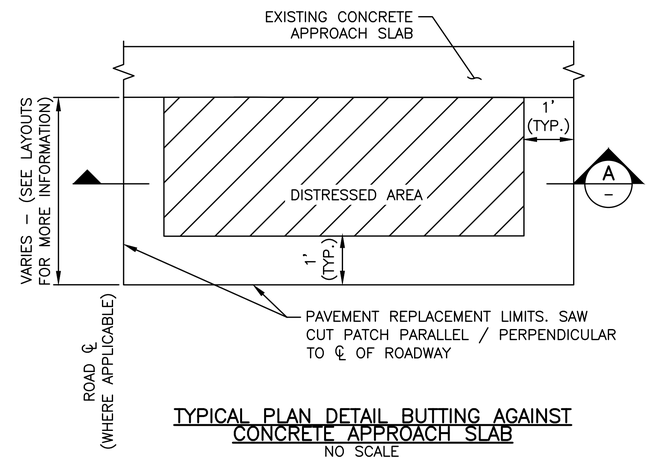
NO SCALE



SECTION A–A

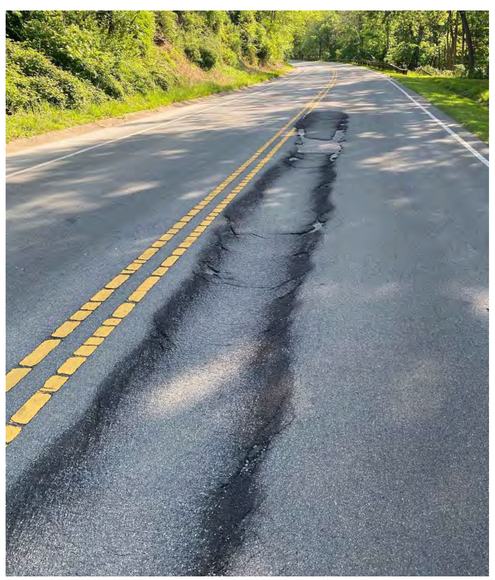
PAVEMENT REPAIR FULL DEPTH PATCHING

NO SCALE



TYPICAL PLAN DETAIL BUTTING AGAINST CONCRETE APPROACH SLAB

NO SCALE



TYPICAL FULL DEPTH PATCHING AREA ON SHORE LINE DRIVE

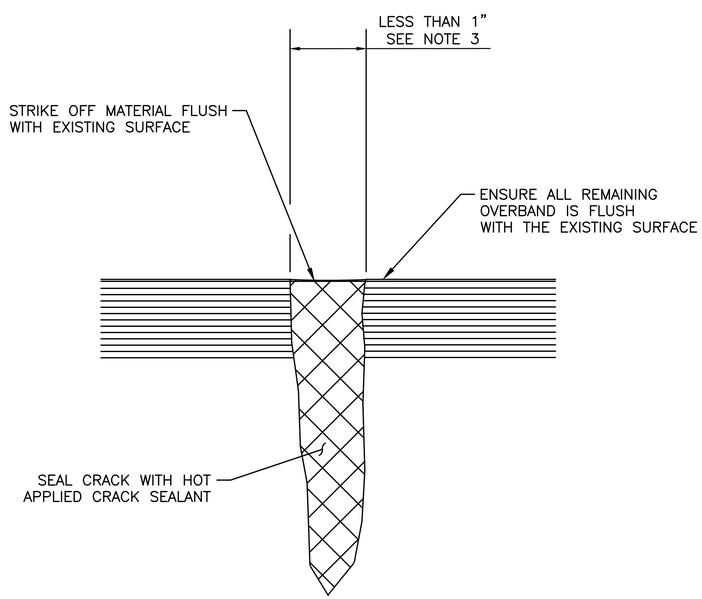
NOTES:

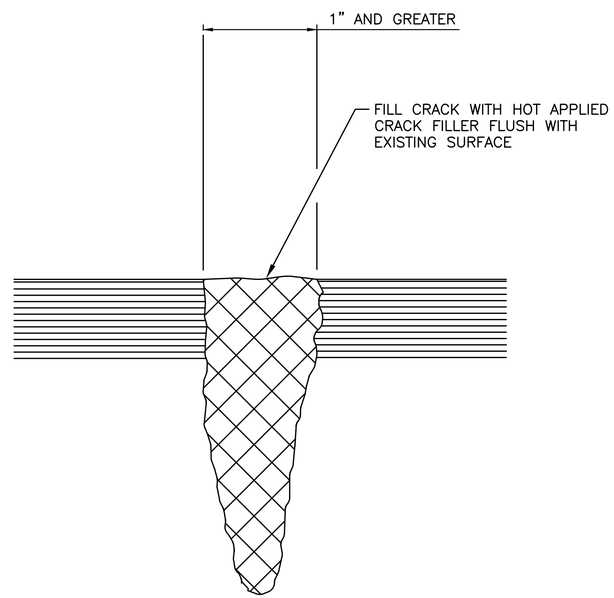
1. SEE SPECIFICATION 32 12 16 "ASPHALT PAVING" FOR MATERIAL AND OTHER REQUIREMENTS.
2. ROADWAY AGGREGATE SHALL MEET STATE DOT REQUIREMENT FOR AGGREGATE BASE COURSE (CLASS 6) OR APPROVED EQUAL. ROADWAY AGGREGATE SURFACING SHALL BE MOISTURE TREATED AND COMPACTED TO PROVIDE A SMOOTH FIRM RIDING SURFACE. PROOF ROLL FINISHED SURFACE WITH LOADED WATER TRUCK OR OTHER HEAVY EQUIPMENT APPROVED BY CO FOR PROOF ROLL. ANY AREAS WITH PUMPING OR VISIBLE RUTTING WILL NEED TO BE REWORKED.

DESIGNED: H. ROCKWELL	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
CADD S. MILLER	T32.12A	PAVEMENT PRESERVATION DESIGN SERVICES	385 187099
TECH. REVIEW: B. GONSALVES		ASPHALT PATCHING PAVEMENT DETAIL	PMIS/PKG NO. 242454
DATE: APR 2026		HARPERS FERRY NATIONAL HISTORICAL PARK	SHEET 20 OF 30

4/13/2026 1:34:10 PM Miller, Scott ## c:\pwworking\centro01\d411280\T32.12A – Asphalt Patching Pavement Detail.dwg

AREA 5





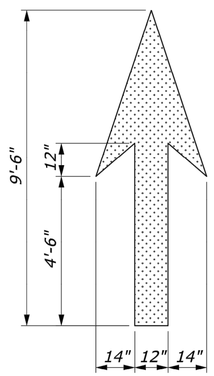
CRACK SEALING AND FILLING DETAILS

NOTES:

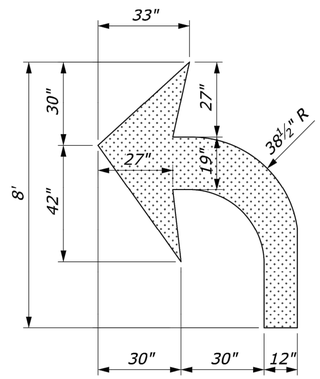
1. PREPARE CRACKS FOR SEALING AND FILLING ACCORDING TO SPECIFICATION 32 12 16 "ASPHALT PAVING." FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR SEALING AND FILLING CRACKS.
2. FORCE CRACK REPAIR MATERIAL INTO CRACKS TO ENSURE ADHESION TO EXISTING SURFACE.
3. SEE SPECIFICATION 31 12 16 "ASPHALT PAVING" FOR MINIMUM CRACK WIDTH.

DESIGNED: H. ROCKWELL CADD S. MILLER TECH. REVIEW: B. GONSALVES DATE: APR 2026	SUB SHEET NO. T32.12C	TITLE OF SHEET PAVEMENT PRESERVATION DESIGN SERVICES CRACK SEALING AND FILLING DETAIL HARPERS FERRY NATIONAL HISTORICAL PARK	DRAWING NO. 385 187099 PMIS/PKG NO. 242454 SHEET 21 OF 30

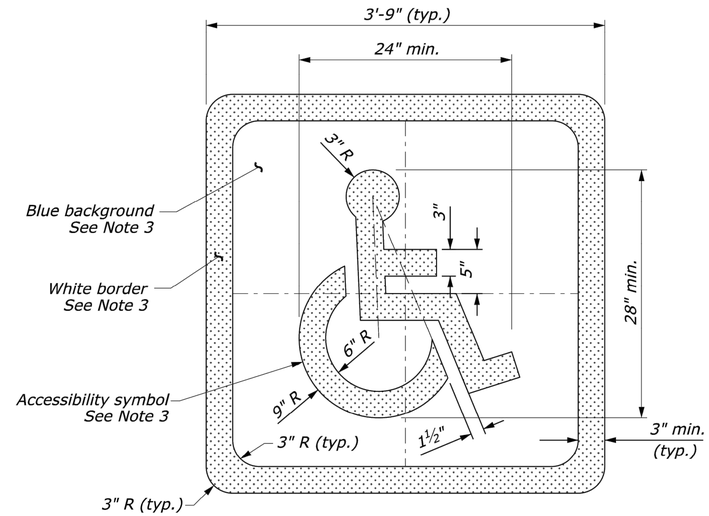
4/13/2026 1:34:16 PM Miller, Scott # c:\pwworking\centrol01\d4111280\T32.12C - Crack Sealing and Filling Detail.dwg



STRAIGHT ARROW SYMBOL



TURN ARROW SYMBOL



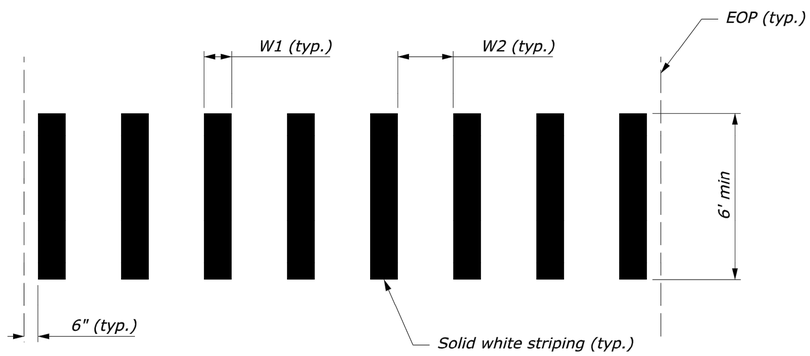
ACCESSIBILITY SYMBOL

NOTES:

1. Place pavement word and symbol markings in accordance with the "Manual on Uniform Traffic Control Devices" (MUTCD), latest edition.
2. Place all letters, numerals, and symbols in accordance with the "Standard Highway Signs", latest edition.
3. Provide Accessibility Symbol marking as indicated in the plans or directed otherwise by the CO in one of the following configurations:
   (a) w/ Symbol only;
   (b) w/ Symbol and blue background; or
   (c) w/ Symbol, blue background, and white border

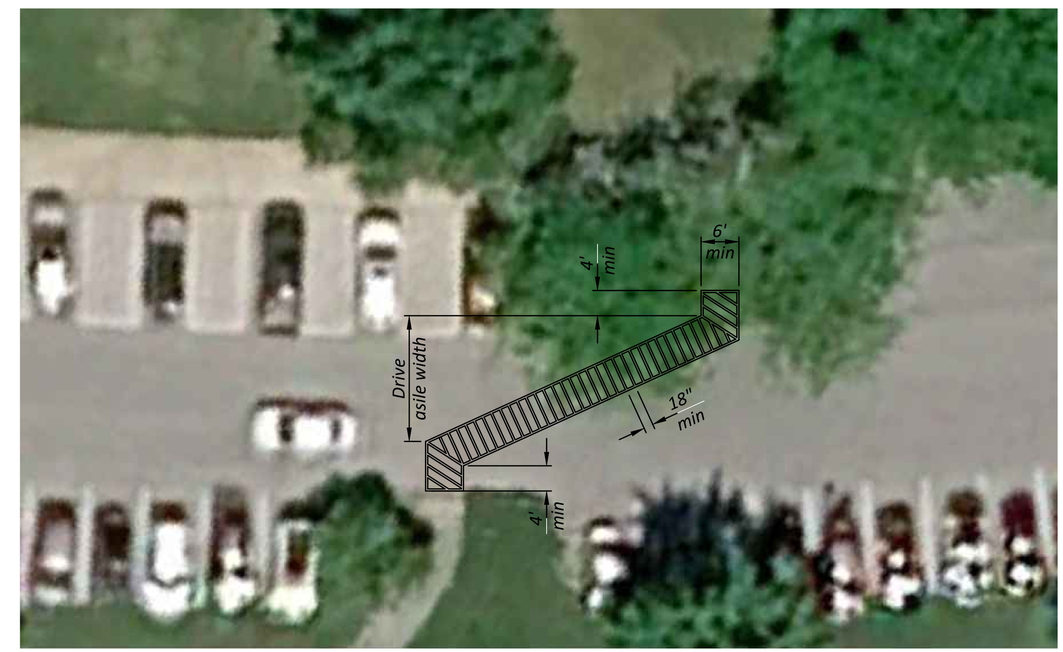
PAVEMENT MARKING AREAS

TYPE	SQFT
Accessibility Symbol:	--
w/ Symbol only	2
w/ Symbol and blue background	13
w/ Symbol, blue background, and white border	16
Turn Arrow Symbol	16



LONGITUDINAL BAR

ANGLED



ANGLED CROSSWALK DETAIL
(SHOWN AT RTE 0918 VISITOR CENTER PARKING)

CROSSWALK STRIPING DIMENSIONS TABLE

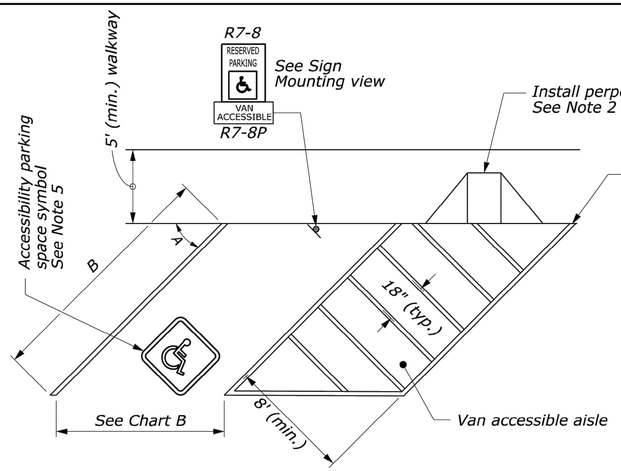
CROSSWALK TYPE	W1		W2*		T	
	Min.	Max.	Min.	Max.	Min.	Max.
Transverse					6"	24"
Longitudinal Bar	12"	24"	12"	60"		
Ladder	12"	24"	12"	60"	6"	24"

* Ensure lateral spacing of the longitudinal bars does not exceed 2.5 times the width of a longitudinal bar.

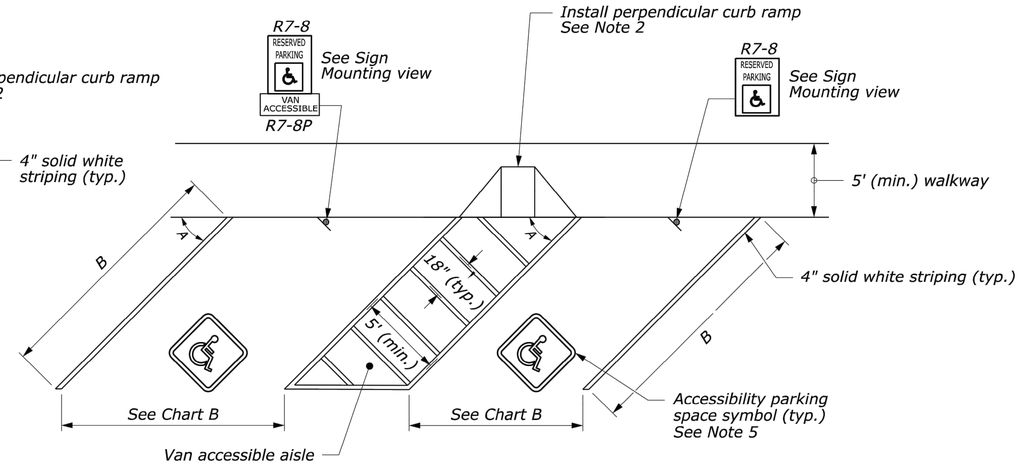
STOP BAR

DESIGNED: H. ROCKWELL	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
CADD S. MILLER	T32.17B	PAVEMENT PRESERVATION DESIGN SERVICES	385 187099
TECH. REVIEW: B. GONSALVES		PAVEMENT MARKINGS SYMBOLS AND WORDS	PMIS/PKG NO. 242454
DATE: APR 2026		HARPERS FERRY NATIONAL HISTORICAL PARK	SHEET 22 OF 30

4/13/2026 1:34:21 PM Miller, Scott \\ c:\pwworking\centroid01\d4111280\T32.17B - Pavement Marking Symbols and Words.dwg

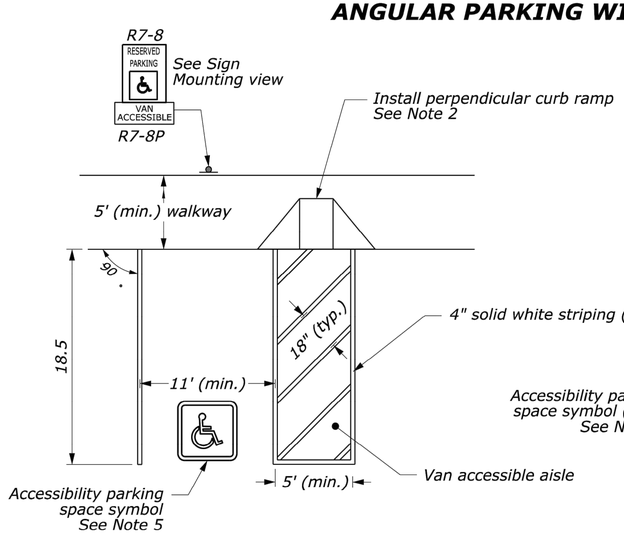


SINGLE PARKING SPACE

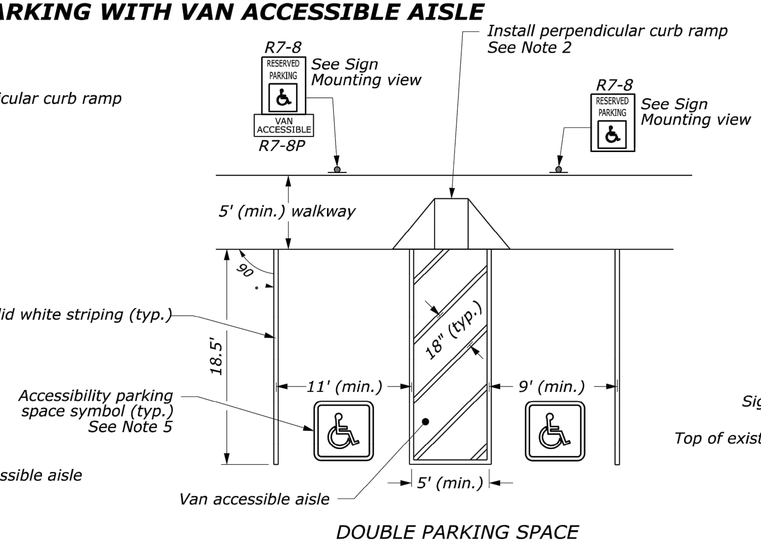


DOUBLE PARKING SPACE

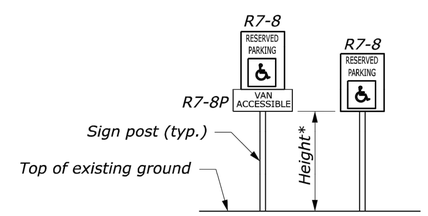
ANGULAR PARKING WITH VAN ACCESSIBLE AISLE



SINGLE PARKING SPACE



DOUBLE PARKING SPACE



SIGN MOUNTING

* See Notes 3 and 4

NOTES:

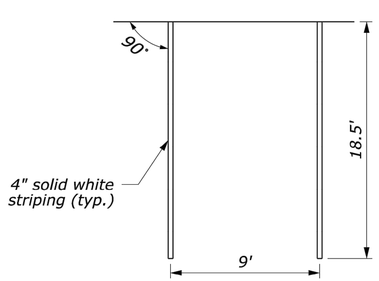
1. Install pavement striping and symbol markings in accordance with the "Manual on Uniform Traffic Control Devices" (MUTCD), latest edition.
2. Refer to Detail T32.17D for sign mounting details. For sign installed in rural areas, provide a minimum height of 5 feet. For signs installed in business, commerical or residential areas, provide a minimum height of 7 feet.
3. Refer to Section 2A.18 of the MUTCD for additional sign mounting information.
4. Refer to Detail T32.17B for accessibility parking space symbol details.

CHART A

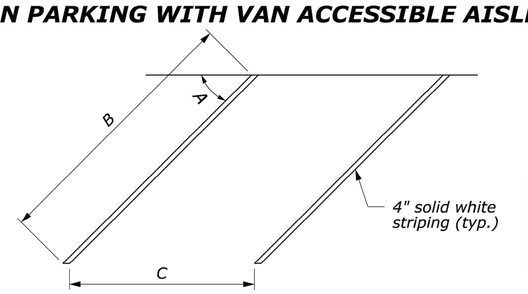
MINIMUM NUMBER OF ACCESSIBLE PARKING SPACES*		
Total Parking Spaces in Parking Facility	Minimum Number of Accessible Spaces	Minimum Number of Van-Accessible Spaces
1 to 25	1	1
26 to 50	2	1
51 to 75	3	1
76 to 100	4	1
101 to 150	5	1
151 to 200	6	1
201 to 300	7	2
301 to 400	8	2
401 to 500	9	2
501 to 1,000	2% of Total Parking Spaces	One out of every 6 Accessible Spaces
Over 1,000	20 Plus 1 for each 100 over 1,000	One out of every 6 Accessible Spaces

* Chart A based on "2010 ADA Standards for Accessible Design Standard (Table 208.02)" and "2015 ABA Standards (Table F208.2)".

HEAD-ON PARKING WITH VAN ACCESSIBLE AISLE



HEAD-ON PARKING



ANGULAR PARKING

CHART B

PARKING LAYOUT DIMENSIONS FOR 9-FOOT STALLS*				
Angle (A)	45°	60°	75°	90°
Minimum Length of Stall (B)	25'	22'	20'	18.5'
Stall Width (C), Parallel to Aisle	12.7'	10.4'	9.3'	9.0'

* Chart B based on dimensions recommended in "Parking Principles, Special Report 125 (Figure 6.2)".

NO SCALE

DESIGNED: H. ROCKWELL	SUB SHEET NO.	TITLE OF SHEET PAVEMENT PRESERVATION DESIGN SERVICES	DRAWING NO. 385 187099
CADD S. MILLER	T32.17C	PAVEMENT MARKINGS AND SIGNING IN PARKING AREAS	PMIS/PKG NO. 242454
TECH. REVIEW: B. GONSALVES			SHEET
DATE: APR 2026		HARPERS FERRY NATIONAL HISTORICAL PARK	23 OF 30

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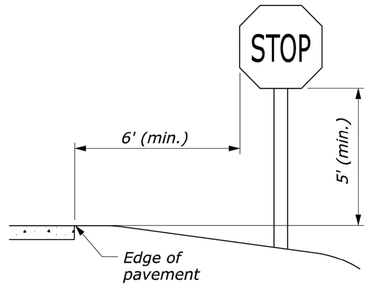
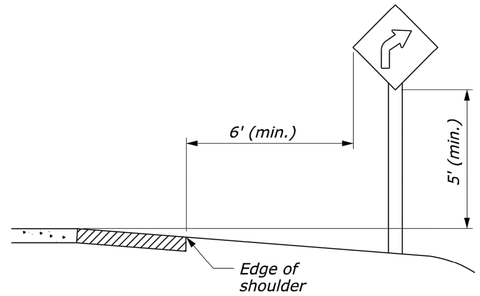
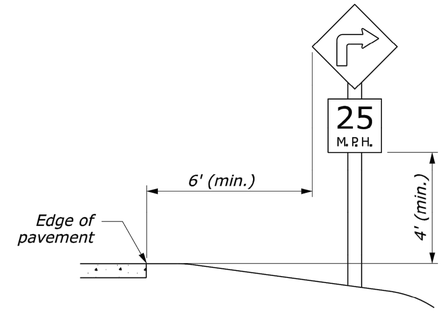


WITHOUT SHOULDER

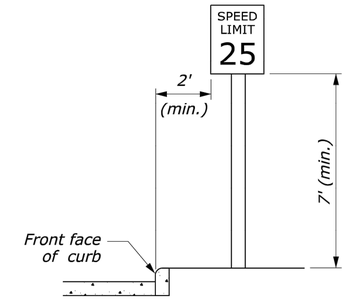


WITH SHOULDER

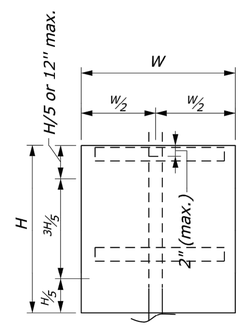
ROADSIDE SIGN IN RURAL DISTRICT



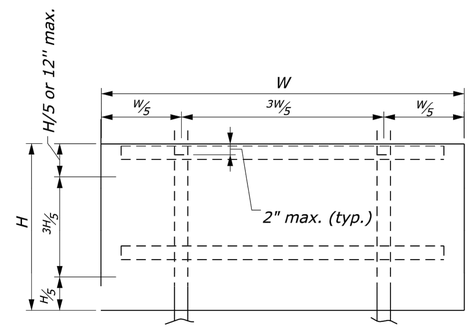
WITH ADVISORY SPEED PLAQUE



ROADSIDE SIGN IN BUSINESS OR RESIDENTIAL DISTRICT



SINGLE POST



DOUBLE POST

NOTES:

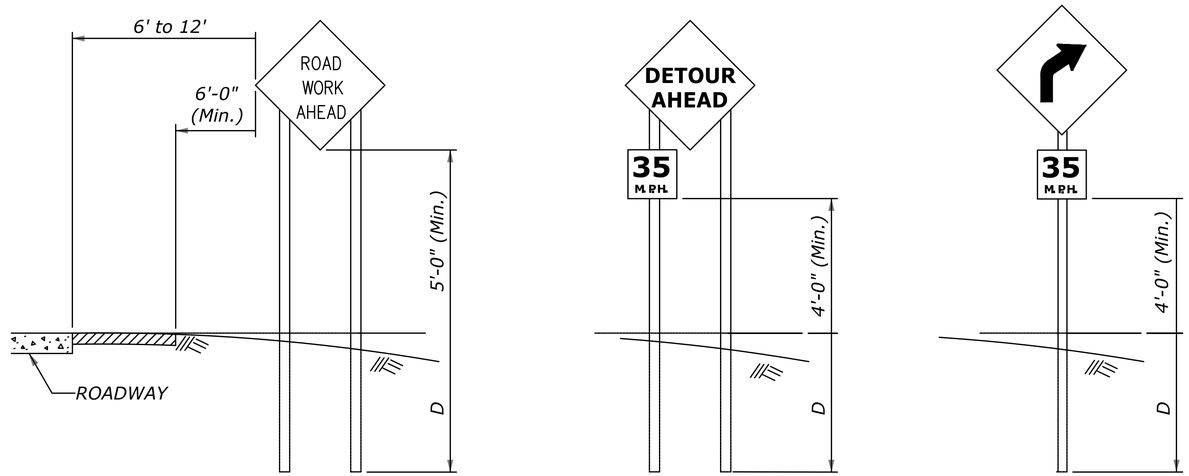
1. Locate and set sign height according to the "Manual on Uniform Traffic Control Devices" (MUTCD), latest edition.
2. Refer to Section 2A.18 of the MUTCD, latest edition, for additional information.

POST SIZE TABLE

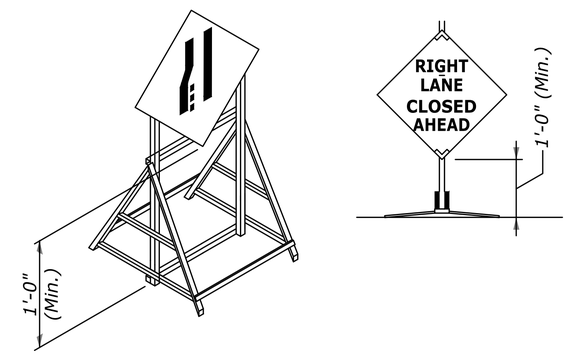
POST TYPE	POST SIZE	MAXIMUM SIGN AREA (SQFT)	
		SINGLE POST	DOUBLE POST
Wood	4" x 4"	10	20
	4" x 6"	15	35
	6" x 6"	20	50

DESIGNED: H. ROCKWELL CADD S. MILLER TECH. REVIEW: B. GONSALVES DATE: APR 2026	SUB SHEET NO. T32.17D	TITLE OF SHEET PAVEMENT PRESERVATION DESIGN SERVICES SIGN STRUCTURES HARPERS FERRY NATIONAL HISTORICAL PARK	DRAWING NO. 385 187099 PMIS/PKG NO. 242454 SHEET 24 OF 30

4/13/2026 1:34:37 PM Miller, Scott c:\pwworking\centrad01\d4111280\T32.17D - Sign Structures.dwg

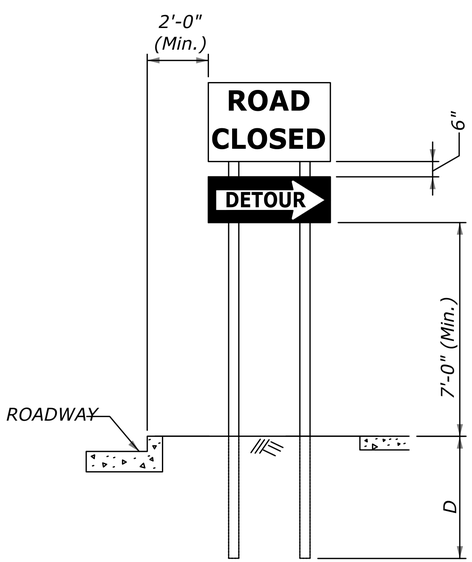


RURAL AREA

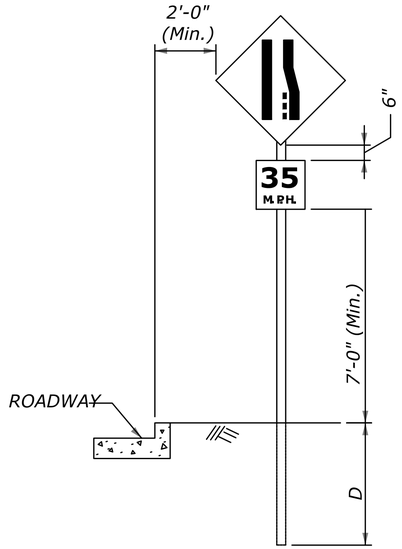


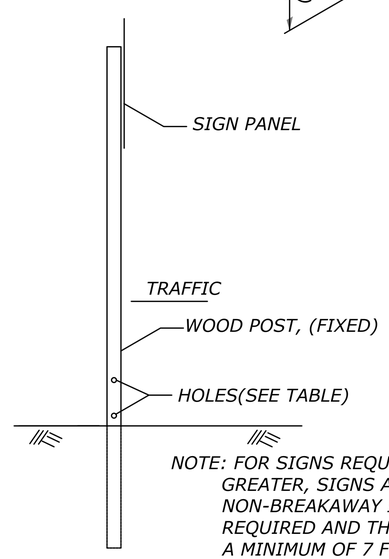
PORTABLE SIGNS

(SEE NOTES 3 AND 4)



URBAN AREA





NOTE: FOR SIGNS REQUIRING 6" X 6" POSTS AND GREATER, SIGNS ARE CONSIDERED TO BE NON-BREAKAWAY IF MULTIPLE POSTS ARE REQUIRED AND THE POSTS CANNOT BE SPACED A MINIMUM OF 7 FEET APART.

BREAKAWAY SUPPORT DETAIL

(FIXED SIGNS 4" X 6" AND GREATER POSTS)

FIXED ROADWAY SIGNS

1. MOUNT SIGNS THAT ARE WIDER THAN 3 FEET OR LARGER THAN 10 SQUARE FEET ON DOUBLE POSTS.
2. ALL LUMBER DIMENSIONS ARE NOMINAL.
3. THE CONTRACTOR MAY SUBMIT ALTERNATE DETAILS FOR PORTABLE SIGNS. ENSURE SIGN MOUNTS HOLD THE SIGN FACE IN A VERTICAL PLANE. PORTABLE SIGNS MAY BE MOUNTED LOWER THAN FIXED SIGNS WHEN APPROVED BY THE CO. ENSURE ALL PORTABLE SIGN SUPPORTS MEET THE REQUIREMENTS OF NCHRP REPORT 350 FOR CRASHWORTHINESS.
4. WHEN PARKING IS PERMITTED WITHIN 200 FEET OF THE SIGN, MOUNT THE SIGN A MINIMUM OF 7 FEET ABOVE THE PAVEMENT SURFACE.
5. WHEN APPROVED BY THE CO AND THE UTILITY COMPANY, UTILITY POLES MAY BE USED FOR SIGN MOUNTING.
6. FOR POSTS 4-INCH X 6-INCH AND GREATER, SEE THE BREAKAWAY SUPPORT DETAIL. IF BREAKAWAY DESIGN CANNOT BE USED DUE TO POST SPACING, PLACE THE SIGN OUTSIDE THE CLEAR ZONE OR SHIELD WITH BARRIER. DO NOT PLACE HOLES IN POSTS OF NON-BREAKAWAY SIGNS.
7. THIS STANDARD WAS DERIVED FROM THE U.S. DEPARTMENT OF TRANSPORTATION FLH STANDARD 635-01.
8. CONTRACTOR TO USE PORTABLE MOUNTING FOR SIGNS UNLESS WOOD POSTS ARE NEEDED. CONTRACTOR SHALL GET CO APPROVAL FOR ANY LOCATION THAT REQUIRED WOOD POST INSTALLATION.

POST SIZE TABLE

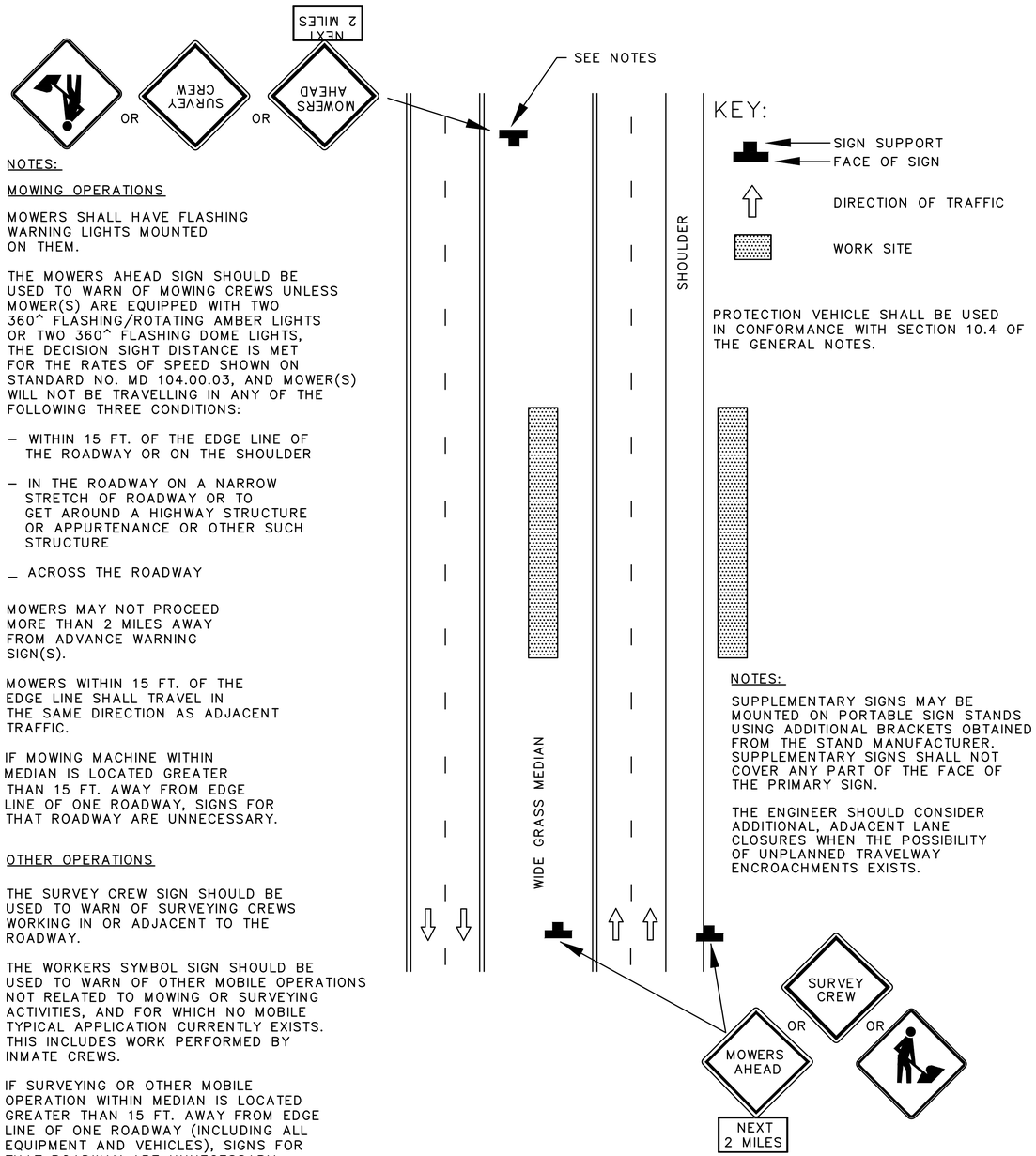
POST SIZE	D	HOLE DIAMETER	MAXIMUM SIGN AREA (Sq. Ft.)			
			1 Post	2 Post	3 Post	4 Post
4" x 4"	4'	None Required	10	20	X	X
4" x 6"	4'	1.5"	X	35	50	70
6" x 6"	5'	2"	X	50	75	100
6" x 8"	5'	3"	X	85	125	165

NOT TO SCALE

DESIGNED: H. ROCKWELL	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
CADD S. MILLER	T34.10B	PAVEMENT PRESERVATION DESIGN SERVICES	385 187099
TECH. REVIEW: B. GONSALVES		CONSTRUCTION TRAFFIC CONTROL SIGN MOUNTING DETAIL	PMIS/PKG NO. 242454
DATE: APR 2026		HARPERS FERRY NATIONAL HISTORICAL PARK	SHEET 25 OF 30

4/13/2026 1:34:41 PM Miller, Scott c:\pwworking\central01\d4111280\T34.10B - Construction Traffic Control Sign Mounting Detail.dwg

TEMPORARY TRAFFIC CONTROL TYPICAL APPLICATION



NOTES:

MOWING OPERATIONS

MOWERS SHALL HAVE FLASHING WARNING LIGHTS MOUNTED ON THEM.

THE MOWERS AHEAD SIGN SHOULD BE USED TO WARN OF MOWING CREWS UNLESS MOWER(S) ARE EQUIPPED WITH TWO 360^ FLASHING/ROTATING AMBER LIGHTS OR TWO 360^ FLASHING DOME LIGHTS, THE DECISION SIGHT DISTANCE IS MET FOR THE RATES OF SPEED SHOWN ON STANDARD NO. MD 104.00.03, AND MOWER(S) WILL NOT BE TRAVELLING IN ANY OF THE FOLLOWING THREE CONDITIONS:

- WITHIN 15 FT. OF THE EDGE LINE OF THE ROADWAY OR ON THE SHOULDER
- IN THE ROADWAY ON A NARROW STRETCH OF ROADWAY OR TO GET AROUND A HIGHWAY STRUCTURE OR APPURTENANCE OR OTHER SUCH STRUCTURE
- ACROSS THE ROADWAY

MOWERS MAY NOT PROCEED MORE THAN 2 MILES AWAY FROM ADVANCE WARNING SIGN(S).

MOWERS WITHIN 15 FT. OF THE EDGE LINE SHALL TRAVEL IN THE SAME DIRECTION AS ADJACENT TRAFFIC.

IF MOWING MACHINE WITHIN MEDIAN IS LOCATED GREATER THAN 15 FT. AWAY FROM EDGE LINE OF ONE ROADWAY, SIGNS FOR THAT ROADWAY ARE UNNECESSARY.

OTHER OPERATIONS

THE SURVEY CREW SIGN SHOULD BE USED TO WARN OF SURVEYING CREWS WORKING IN OR ADJACENT TO THE ROADWAY.

THE WORKERS SYMBOL SIGN SHOULD BE USED TO WARN OF OTHER MOBILE OPERATIONS NOT RELATED TO MOWING OR SURVEYING ACTIVITIES, AND FOR WHICH NO MOBILE TYPICAL APPLICATION CURRENTLY EXISTS. THIS INCLUDES WORK PERFORMED BY INMATE CREWS.

IF SURVEYING OR OTHER MOBILE OPERATION WITHIN MEDIAN IS LOCATED GREATER THAN 15 FT. AWAY FROM EDGE LINE OF ONE ROADWAY (INCLUDING ALL EQUIPMENT AND VEHICLES), SIGNS FOR THAT ROADWAY ARE UNNECESSARY.

PROTECTION VEHICLE SHALL BE USED IN CONFORMANCE WITH SECTION 10.4 OF THE GENERAL NOTES.

NOTES:

SUPPLEMENTARY SIGNS MAY BE MOUNTED ON PORTABLE SIGN STANDS USING ADDITIONAL BRACKETS OBTAINED FROM THE STAND MANUFACTURER. SUPPLEMENTARY SIGNS SHALL NOT COVER ANY PART OF THE FACE OF THE PRIMARY SIGN.

THE ENGINEER SHOULD CONSIDER ADDITIONAL, ADJACENT LANE CLOSURES WHEN THE POSSIBILITY OF UNPLANNED TRAVELWAY ENCROACHMENTS EXISTS.

NOTES:

1. DETAIL ADOPTED FROM MARYLAND DEPARTMENT OF TRANSPORTATION STATE AND HIGHWAY ADMINISTRATION BOOK OF STANDARDS FOR HIGHWAY & INCIDENTAL STRUCTURES.
2. ALTERNATIVE TRAFFIC CONTROL PLANS MAY BE USED AS APPROVED BY THE CO.

DESIGNED: H. ROCKWELL CADD S. MILLER TECH. REVIEW: B. GONSALVES DATE: APR 2026	SUB SHEET NO. T34.20A	TITLE OF SHEET PAVEMENT PRESERVATION DESIGN SERVICES MOBILE WORK OPERATION DETAIL HARPERS FERRY NATIONAL HISTORICAL PARK	DRAWING NO. 385 187099 PMIS/PKG NO. 242454 SHEET 26 OF 30

4/13/2026 1:34:46 PM Miller, Scott ## c:\pwworking\central01\d41112980\T34.20A - Temporary Traffic Control Mobile Work Operation.dwg

NOTES:

THIS TYPICAL ALSO APPLIES TO DIVIDED UNCONTROLLED HIGHWAYS EXCEPT AS OTHERWISE STATED IN THE GENERAL NOTES.

THE "BEGIN AND END SHOULDER USE" SIGNS SHOULD BE OMITTED WHEN THE SHOULDER CANNOT BE DIFFERENTIATED FROM THE NORMAL TRAVEL PATH.

THERE SHALL BE A MINIMUM OF SEVEN CHANNELIZING DEVICES IN THE SHOULDER TAPER.
REFER TO MD 104.01-27 FOR GUIDANCE ON PAVEMENT MARKINGS THROUGH LANE SHIFTS.

- THIS TYPICAL SHALL BE USED FOR ANY LANE SHIFT WHICH SATISFIES EITHER CONDITION 'A' OR 'B':

  CONDITION 'A' :
  - ▸ LANE SHIFT IS "ABRUPT" – SHIFT HAS A TAPER LENGTH LESS THAN THE VALUE SPECIFIED IN THE TAPER LENGTH CRITERIA TABLE (REFER TO MD 104.01-80)

  CONDITION 'B':
  - ▸ PREVAILING SPEEDS CANNOT BE MAINTAINED THROUGH THE SHIFT.

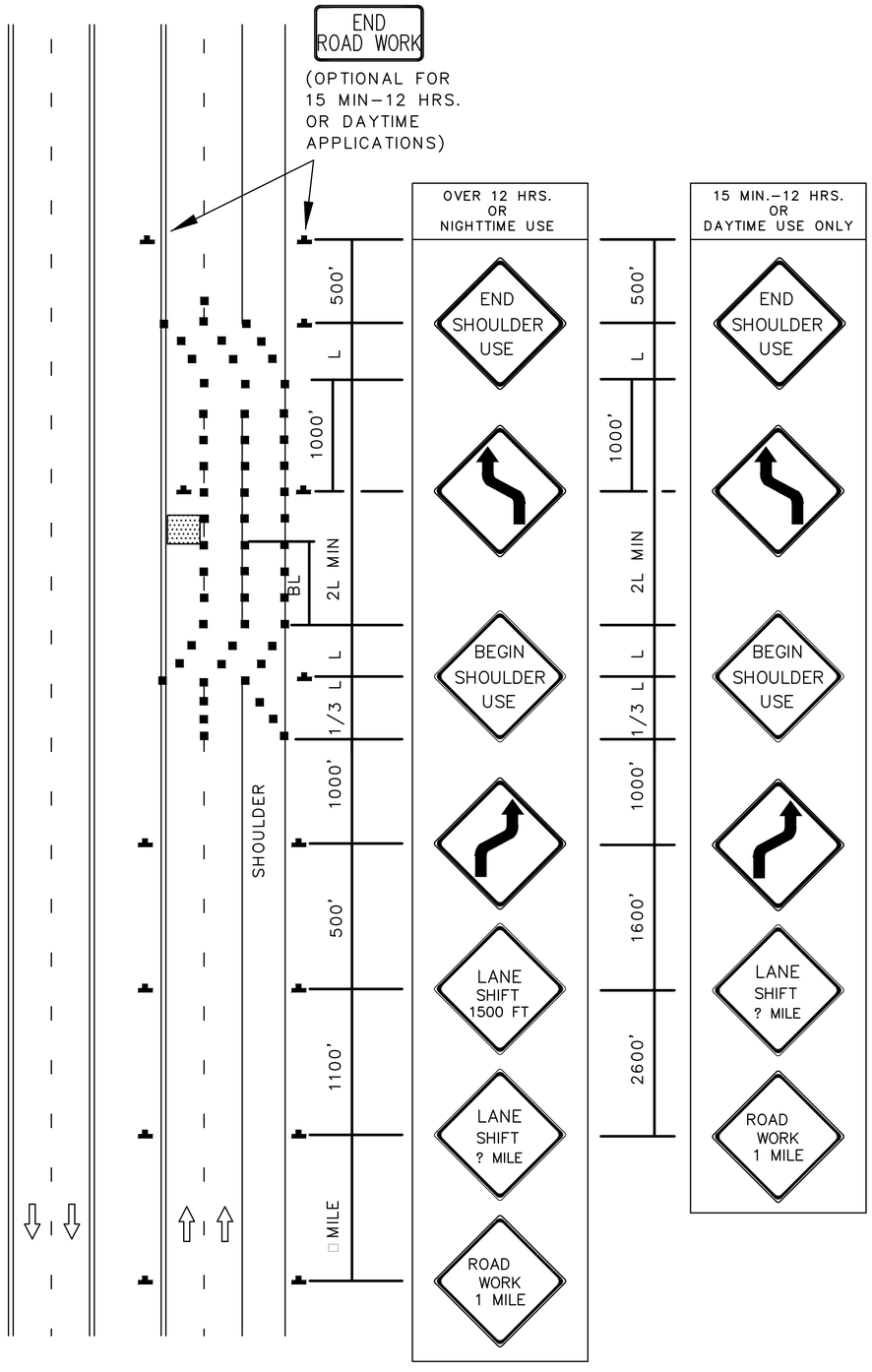
- FOR LANE SHIFTS WHICH DO NOT SATISFY ABOVE CONDITIONS:

  - ▸ DELETE "REVERSE CURVE" WARNING SIGNS, AND
  - ▸ REPLACE "LANE SHIFT" SIGNS WITH "ROAD WORK XXX" SIGNS OR OTHER APPROPRIATE SIGNS AS SHOWN IN TEMPORARY TRAFFIC CONTROL TYPICAL APPLICATIONS.

THE ENGINEER SHOULD CONSIDER ADDITIONAL, ADJACENT LANE CLOSURES WHEN THE POSSIBILITY OF UNPLANNED TRAVELWAY ENCROACHMENTS EXISTS.

KEY:

- CHANNELIZING DEVICES
- SIGN SUPPORT
- FACE OF SIGN
- DIRECTION OF TRAFFIC
- WORK SITE



NOTES:

1. DETAIL ADOPTED FROM MARYLAND DEPARTMENT OF TRANSPORTATION STATE AND HIGHWAY ADMINISTRATION BOOK OF STANDARDS FOR HIGHWAY & INCIDENTAL STRUCTURES.
2. ALTERNATIVE TRAFFIC CONTROL PLANS MAY BE USED AS APPROVED BY THE CO.

DESIGNED: H. ROCKWELL CADD S. MILLER TECH. REVIEW: B. GONSALVES DATE: APR 2026	SUB SHEET NO. T34.20B	TITLE OF SHEET PAVEMENT PRESERVATION DESIGN SERVICES ROADWAY SHIFT OVER 40MPH DETAIL HARPERS FERRY NATIONAL HISTORICAL PARK	DRAWING NO. 385 187099 PMIS/PKG NO. 242454 SHEET 27 OF 30

4/13/2026 1:34:51 PM Miller, Scott # c:\pwworking\centroid\\d4111280\T34.20B - Temporary Traffic Control Roadway Shift over 40 MPH.dwg

NOTES:
THIS TYPICAL ALSO APPLIES TO DIVIDED UNCONTROLLED HIGHWAYS, EXCEPT AS OTHERWISE STATED IN GENERAL NOTES.

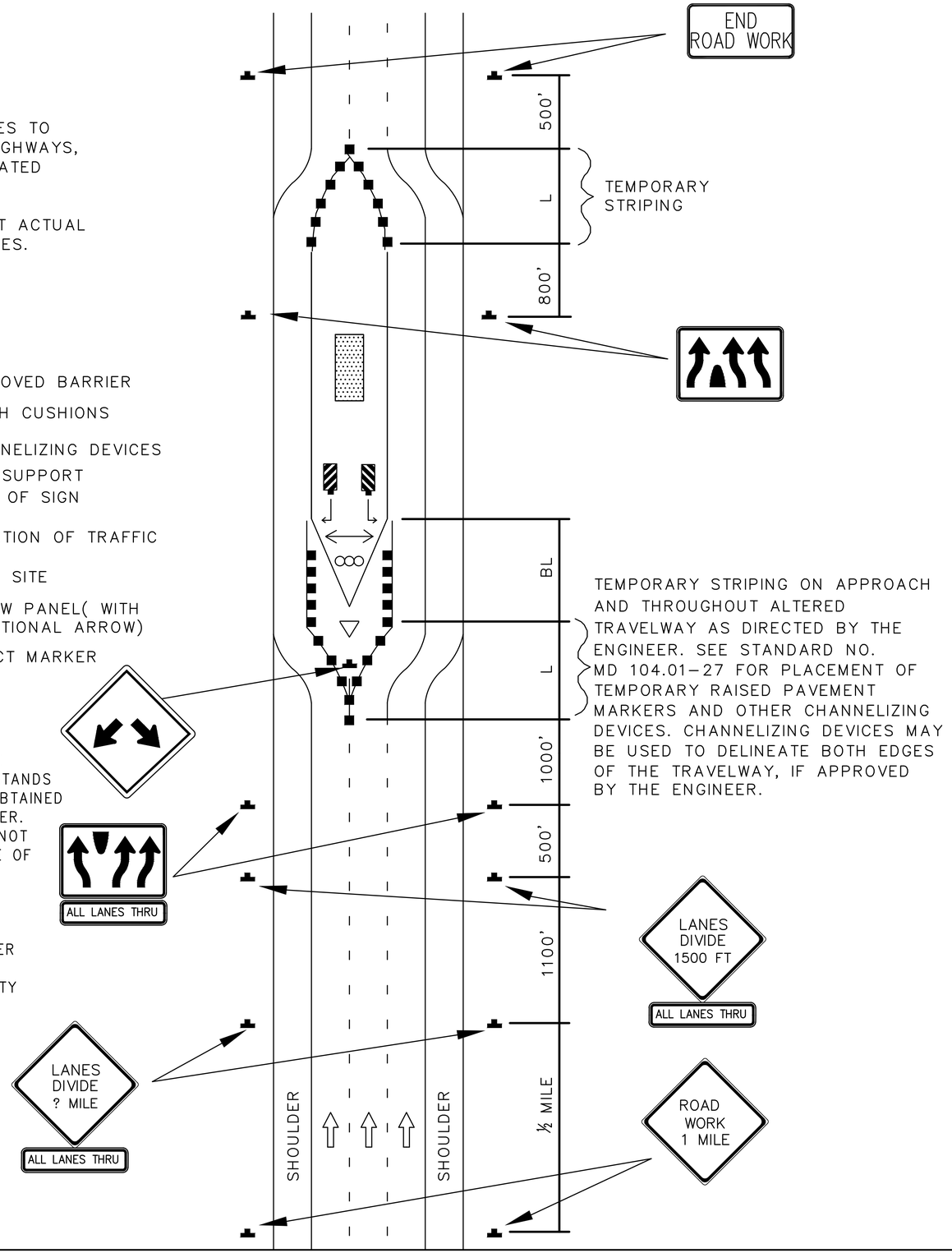
SYMBOL SIGNS TO REFLECT ACTUAL NUMBER OF THROUGH LANES.

KEY:

- APPROVED BARRIER
- CRASH CUSHIONS
- CHANNELIZING DEVICES
- SIGN SUPPORT
- FACE OF SIGN
- DIRECTION OF TRAFFIC
- WORK SITE
- ARROW PANEL(WITH DIRECTIONAL ARROW)
- OBJECT MARKER

SUPPLEMENTARY SIGNS MAY BE MOUNTED ON PORTABLE SIGN STANDS USING ADDITIONAL BRACKETS OBTAINED FROM THE STAND MANUFACTURER. SUPPLEMENTARY SIGNS SHALL NOT COVER ANY PART OF THE FACE OF THE PRIMARY SIGN.

THE ENGINEER SHOULD CONSIDER ADDITIONAL, ADJACENT LANE CLOSURES WHEN THE POSSIBILITY OF UNPLANNED TRAVELWAY ENCROACHMENTS EXISTS.



NOTES:

1. DETAIL ADOPTED FROM MARYLAND DEPARTMENT OF TRANSPORTATION STATE AND HIGHWAY ADMINISTRATION BOOK OF STANDARDS FOR HIGHWAY & INCIDENTAL STRUCTURES.
2. ALTERNATIVE TRAFFIC CONTROL PLANS MAY BE USED AS APPROVED BY THE CO.

DESIGNED: H. ROCKWELL CADD S. MILLER TECH. REVIEW: B. GONSALVES DATE: APR 2026	SUB SHEET NO. T34.20D	TITLE OF SHEET PAVEMENT PRESERVATION DESIGN SERVICES LANE DIVIDE DETAIL HARPERS FERRY NATIONAL HISTORICAL PARK	DRAWING NO. 385 187099 PMIS/PKG NO. 242454 SHEET 28 OF 30

4/13/2026, 1:34:56 PM Miller, Scott \\ c:\pwworking\centrol01\d4111280\T34.20D - Temporary Traffic Control Lane Divide Detail.dwg

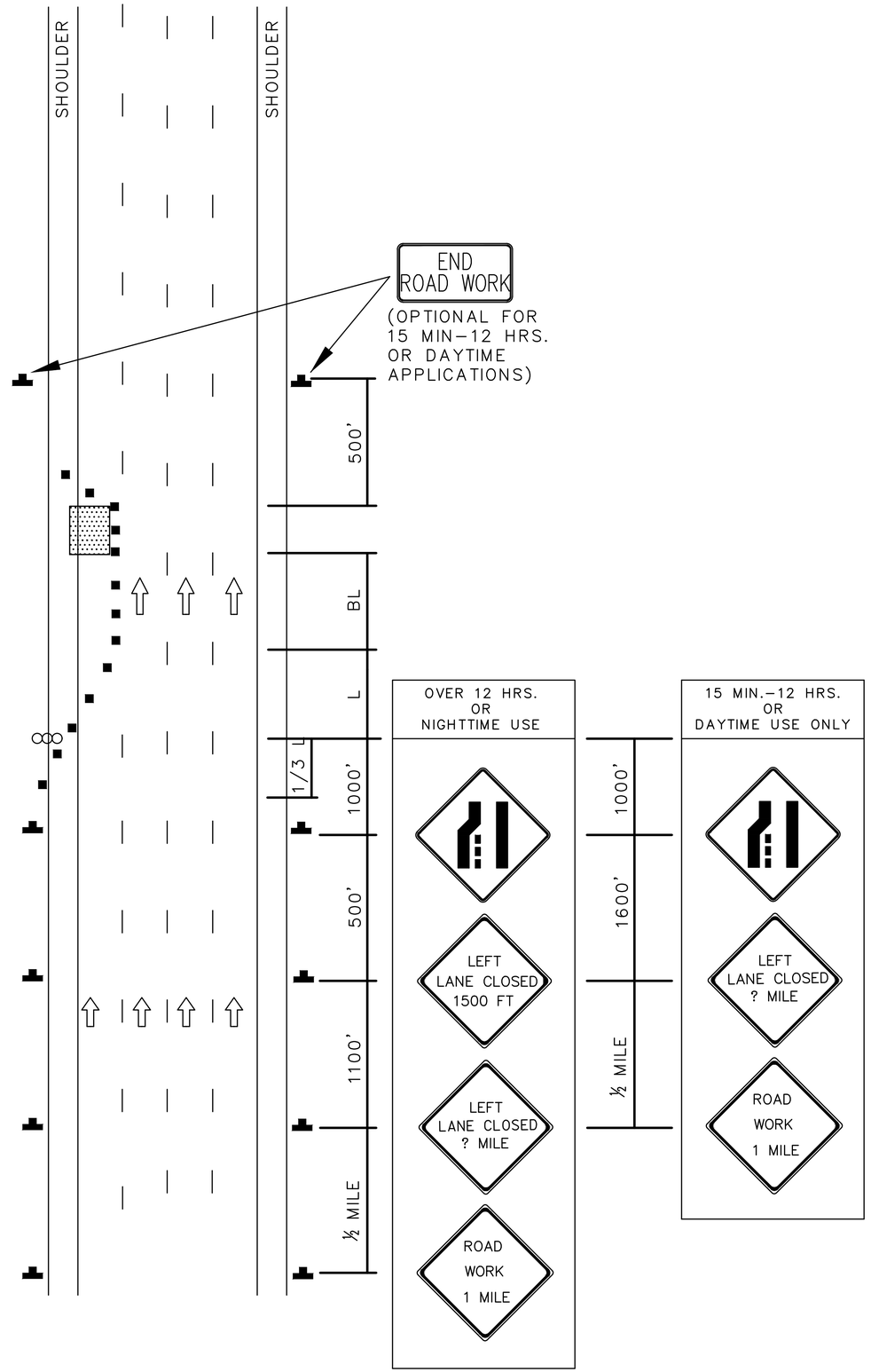
NOTE:

THERE SHALL BE A MINIMUM OF SEVEN CHANNELIZING DEVICES IN THE SHOULDER TAPER.

THE ENGINEER SHOULD CONSIDER ADDITIONAL, ADJACENT LANE CLOSURES WHEN THE POSSIBILITY OF UNPLANNED TRAVELWAY ENCROACHMENTS EXISTS.

KEY:

- CHANNELIZING DEVICES
- SIGN SUPPORT / FACE OF SIGN
- DIRECTION OF TRAFFIC
- WORK SITE
- ARROW PANEL



NOTES:

1. DETAIL ADOPTED FROM MARYLAND DEPARTMENT OF TRANSPORTATION STATE AND HIGHWAY ADMINISTRATION BOOK OF STANDARDS FOR HIGHWAY & INCIDENTAL STRUCTURES.
2. ALTERNATIVE TRAFFIC CONTROL PLANS MAY BE USED AS APPROVED BY THE CO.

DESIGNED: H. ROCKWELL	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
CADD S. MILLER	T34.20L	PAVEMENT PRESERVATION DESIGN SERVICES	385
TECH. REVIEW: B. GONSALVES		LEFT LANE CLOSURE DETAIL	187099
DATE: APR 2026			PMIS/PKG NO. 242454
		HARPERS FERRY NATIONAL HISTORICAL PARK	SHEET 29 OF 30

4/13/2026 1:35:01 PM Miller, Scott # c:\pwworking\centroid\\d4111280\T34.20L - Temporary Traffic Control Left Lane Closure.dwg

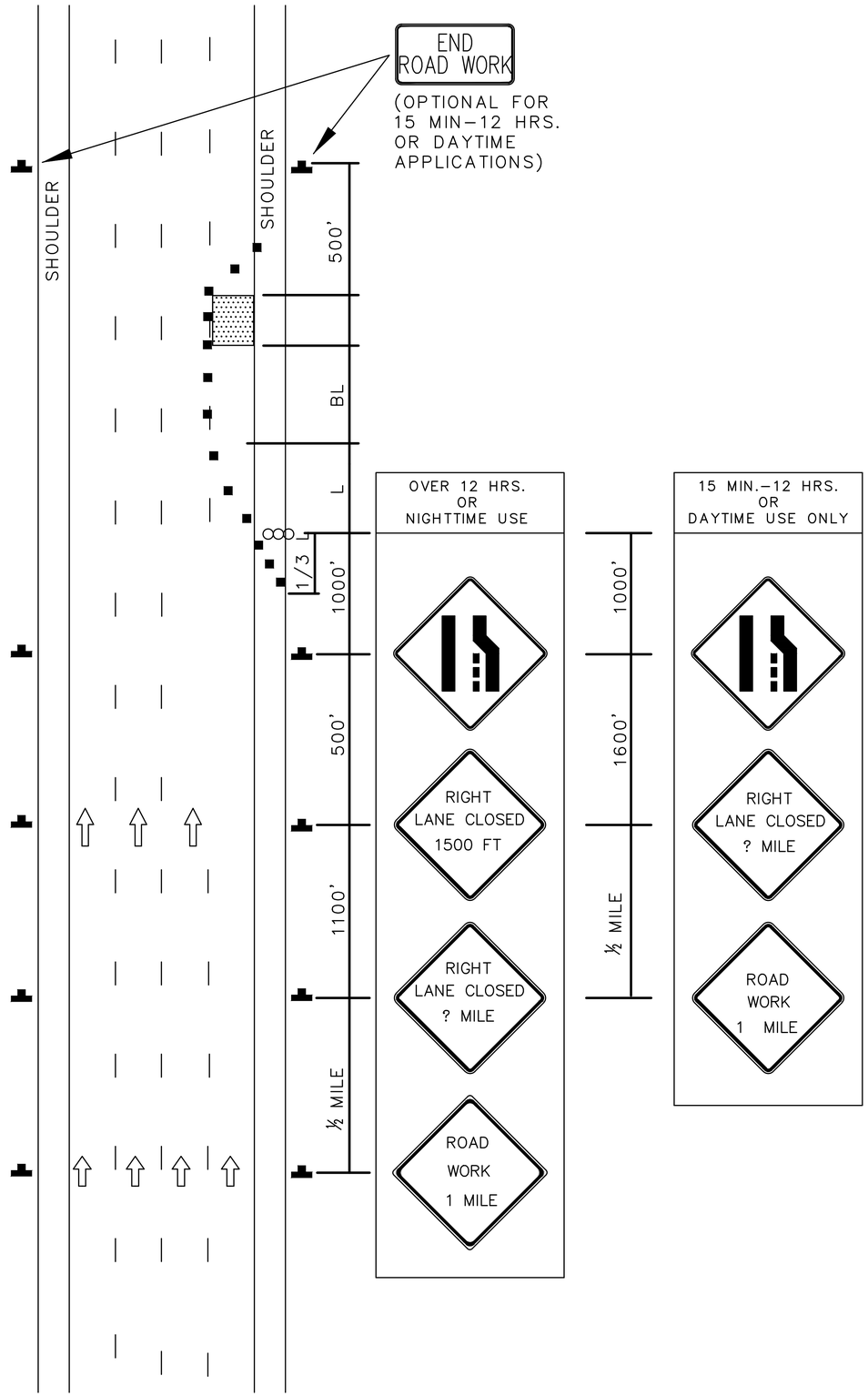
NOTE:

THERE SHALL BE A MINIMUM OF SEVEN CHANNELIZING DEVICES IN THE SHOULDER TAPER.

THE ENGINEER SHOULD CONSIDER ADDITIONAL, ADJACENT LANE CLOSURES WHEN THE POSSIBILITY OF UNPLANNED TRAVELWAY ENCROACHMENTS EXISTS.

KEY:

- CHANNELIZING DEVICES
- SIGN SUPPORT
- FACE OF SIGN
- DIRECTION OF TRAFFIC
- WORK SITE
- ARROW PANEL



NOTES:

1. DETAIL ADOPTED FROM MARYLAND DEPARTMENT OF TRANSPORTATION STATE AND HIGHWAY ADMINISTRATION BOOK OF STANDARDS FOR HIGHWAY & INCIDENTAL STRUCTURES.
2. ALTERNATIVE TRAFFIC CONTROL PLANS MAY BE USED AS APPROVED BY THE CO.

DESIGNED: H. ROCKWELL CADD S. MILLER TECH. REVIEW: B. GONSALVES DATE: APR 2026	SUB SHEET NO. T34.20R	TITLE OF SHEET PAVEMENT PRESERVATION DESIGN SERVICES RIGHT LANE CLOSURE DETAIL HARPERS FERRY NATIONAL HISTORICAL PARK	DRAWING NO. 385 187099 PMIS/PKG NO. 242454 SHEET 30 OF 30

4/13/2026 1:35:06 PM Miller, Scott # c:\pwworking\central01\d411280\T34.20R - Temporary Traffic Control Right Lane Closure.dwg