Andy Beshear
GOVERNOR

TRANSPORTATION CABINET
200 Mero Street
Frankfort, Kentucky 40601

Jim Gray
SECRETARY

March 14, 2025

CALL NO. 200
CONTRACT ID NO. 251007
ADDENDUM # 4

Subject: Jefferson County, NH 2641 (176)
Letting March 20, 2025

(1) Revised – Notes Proposal Plan Sheet – Page 86 of 526
(2) Revised – Reference Sheet – Page 109 of 526
(3) Revised – Special Note – Pages 129E-129G of 526

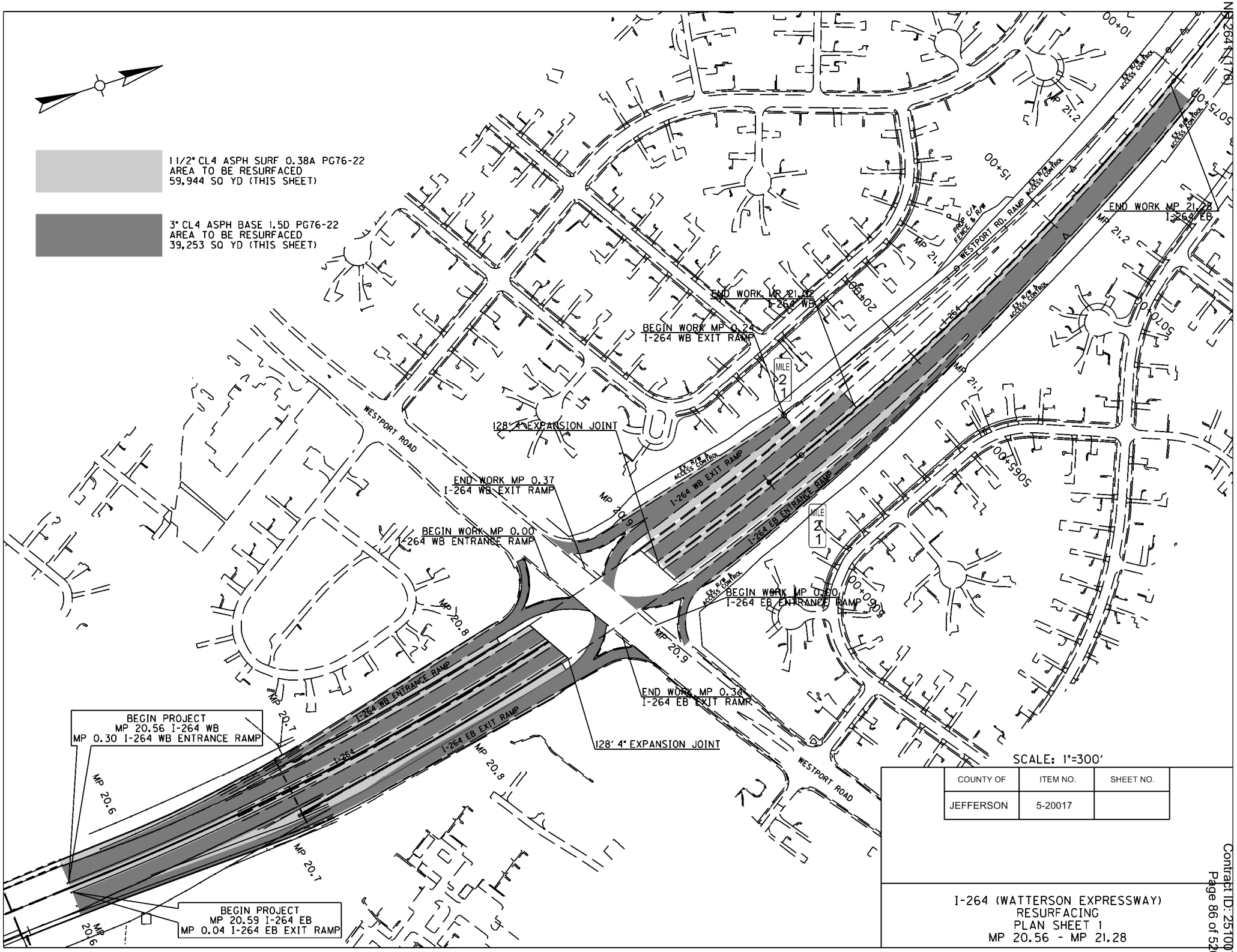
Proposal revisions are available at http://transportation.ky.gov/Construction-Procurement/.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

Rachel Mills, P.E.
Director
Division of Construction Procurement

RM:mr
Enclosures



SCALE: 1"=300'

COUNTY OF	ITEM NO.	SHEET NO.
JEFFERSON	5-20017	

I-264 (WATTERSON EXPRESSWAY)
RESURFACING
PLAN SHEET 1
MP 20.56 - MP 21.28

JEFFERSON COUNTY
NFE 264-1(176)

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REFERENCES

1. Kentucky Transportation Cabinet, Department of Highways, Standard Specifications for Road and Bridge Construction, Edition of 2019.

2. FHWA Manual on Uniform Traffic Control Devices – 2009 Edition.

3. Kentucky Department of Highways Standard Drawings, Current Edition, as applicable:

RGS-002-06	SUPERELEVATION FOR MULTI-LANE PAVEMENT
RGX-001-06	MISCELLANEOUS STANDARDS
RPM-100-11	CURB AND GUTTER CURBS AND VALLEY GUTTER
TPM-170-01	FLEXIBLE DELINEATOR POST ARRANGEMENTS FOR HORIZONTAL CURVES
TPM-171-01	FLEXIBLE DELINEATOR POST ARRANGEMENTS FOR INTERCHANGE RAMPS AND CROSSOVERS
TPM-200	TYPICAL ENTRANCE RAMP MARKINGS FOR INTERSTATES AND PARKWAYS
TPM -201	TYPICAL EXIT RAMP MARKINGS FOR INTERSTATES AND PARKWAYS
TPM-202	TYPICAL EXIT RAMP MARKINGS FOR INTERSTATES AND PARKWAYS
TPM-203	TYPICAL MARKINGS AT SIGNALIZED INTERSECTIONS
TPM-204	TYPICAL MARKINGS FOR GORE AREAS
TPM-205	TYPICAL MARKINGS FOR ISLANDS AND MEDIANS
TPM-206	TYPICAL MARKINGS FOR TURN LANES
TPR-130	RUMBLE STRIP DETAILS MULTI-LANE ROADWAYS AND RAMPS
TTC-115-04	LANE CLOSURE MULTI-LANE HIGHWAY CASE I
TTC-120-04	LANE CLOSURE MULTI-LANE HIGHWAY CASE II
TTC-135-03	SHOULDER CLOSURE
TTC-160-02	TEMPORARY PAVEMENT MARKER ARRANGEMENTS FOR LANE CLOSURES
TTD-120-03	DOUBLE FINES ZONE SIGNS
TTD-125-03	PAVEMENT CONDITION WARNING SIGNS
TTD-130	SPEED ZONE SIGNING FOR WORK ZONES
TTS-110-02	MOBILE OPERATION FOR PAINT STRIPING CASE III
TTS-115-02	MOBILE OPERATION FOR PAINT STRIPING CASE IV
TTS-120-02	MOBILE OPERATION FOR DURABLE STRIPING CASE 1
BJE-001-14	Neoprene Expansion Dams and Armored Edges
BJE-005	Expansion Joint Replacement General Notes
BJE-006	Expansion Joint Replacement 4" & 5"

4. Kentucky Transportation Cabinet, Department of Highways, Standard Specifications for Road and Bridge Construction, Edition of 2019, Including - Supplemental Specifications, as applicable:

Special Note	Typical Section Dimensions *attached*
Special Note	Before You Dig *attached*
Special Note	Fixed Completion Date and Liquidated Damages *attached*
General Note	Asphalt Pavement Ride Quality (Cat A) *attached*
General Note	Compaction of Asphalt Mixtures (Option A) *attached*
Special Note	Asphalt Milling and Texturing *attached*
Special Note	Special Note for Significant Project *attached*
Special Note	Special Note for Longitudinal Pavement Joint Adhesive *attached*
Special Note	Special Note for Paver Mounted Temperature Profiles *attached*
Special Note	Special Note for Non-Tracking Tack Coat *attached*
Special Note	Special Note for Pavement Marking Modifications *attached*

SPECIAL NOTE FOR ARCHITECTURAL TREATMENT

1.0 DESCRIPTION. This work consists of constructing textured surfaces simulating natural cut stone masonry as designated in the Plans or Contract Documents to receive Architectural Treatment. The work shall be performed in accordance with the applicable provisions of the Standard Specifications, the Plans, and as described herein.

2.0 FORMED TEXTURED SURFACES. Where Architectural Treatment is designated, concrete surfaces shall be formed using a form lining system made of high-strength urethane elastomer, or thermoformed rigid polymer materials capable of withstanding anticipated concrete pore pressures without leakage or causing physical defects. Formliners shall attach easily to forms and be removable without causing concrete surface damage. The liners shall be designed to form surfaces conforming to the design intent including the shape, lines and dimensions described herein and in the Plans.

Formliners shall be a Cut Ashlar Stone Pattern with simulated stone sizes shown in the Plans and shall produce the textured effect of a realistic, cut stone masonry surface. Simulated stone surfaces should exhibit the rough, natural finish of real stone laid in place and have a maximum surface relief of no more than 2 inches. Stone surfaces will be set in surface elevations as detailed in the drawings. Simulated stone surfaces having a smooth, slick or shiny surface will be rejected. Individual stones shall be formed with crisp, sharp edges and have a rough natural relief to the shape and dimensions described herein and shown on approved shop drawings.

4.0 SUBMITTALS. The Contractor shall submit the following to the Owner/Engineer for approval:

1. Product data including manufacturer's technical information and use instructions for formliner placement and release.
2. Actual samples of form ties that will be used with work requiring architectural treatment.
3. Qualification data for firms and person specified below under Quality Assurance to demonstrate their capabilities and experience. Include a list of completed projects with project names, addresses, and names of architects, engineers and owners, plus any other pertinent information.
4. Shop drawings indicating formliner layout and termination details. Indicate backup, rustication, reveal, and chamfer strip locations. Include jointing, form tie location, pattern placement, pattern match details, and end, edge and other special conditions. Indicate tolerances and procedure of installation and separation.

After approval of shop drawings by the Owner/Engineer and prior to commencement of production, the Contractor shall submit the following to the Owner/Engineer for approval:

1. Test Panel Mock-ups as specified below under Quality Assurance.

5.0 QUALITY ASSURANCE.

1. Manufacturer's Qualifications: The formliner manufacturer must have a minimum of five year's experience making liners used to create formed concrete surfaces matching natural stone shapes and textures.
2. Installer Qualifications: The formliner installer shall have had a minimum of three consecutive years of experience in textured formed concrete construction.
3. Test Panel Mock-up: Provide a full-scale mock-up (5'x5' minimum panel size) using actual job specific materials, methods and workmanship. These include concrete mix [cement type, aggregate gradation, slump, water/cement ratios, plasticizers, and additives], forming system [ties, liner, and formwork], form release agents, placement rate, form pressures, joint sealing, vibrating and stripping practices. In addition, demonstrate patching and repair procedures for spalled concrete, and voids caused by honeycombing or bugholes. Incorporate formwork accessories, a minimum one vertical and one horizontal form liner joint, form liner corner matching technique, and coping details. Accepted mock-up will be the standard by which remaining work will be evaluated for technical and aesthetic merit. Accepted mock-up is a prerequisite to beginning job formwork. Submit variations from mock-up materials or techniques for approval prior to use.
4. Coordination: Coordinate and combine mock-up with related technique mock-up requirements insofar as practical.

Following completion of the structure, remove and dispose of the test panels in accordance with the Specifications.

Test panels shall be considered incidental to the work and no direct compensation will be made theretofore.

6.0 CONSTRUCTION REQUIREMENTS. Match pattern features at formliner joints to make the formed concrete surface appear uniform and continuous without grout leakage at the joints. When concrete vertical and horizontal construction joints are required, place formliner joints in the valley of the grooves, or as approved by the Owner/Engineer. Pour concrete at a rate and lift depth such that the pressure exerted by the wet concrete on the formwork, as determined using ACI 347R-14 "Guide to Formwork for Concrete", does not exceed formliner manufacturer's recommendations and in no case exceeds 1000 psi. Following removal of forms, finish improperly formed joints to achieve a smooth and uniform cast concrete surface. No visible vertical and horizontal seams or conspicuous form marks created by butt-joining formliners will be allowed. Where it is not possible to locate a vertical or horizontal groove at a construction joint, the concrete surface shall be finished to reduce visibility of the construction joints.

Strip formwork in accordance with the formliner manufacturer's recommendations to avoid concrete surface deterioration or weakness planes in the substrate. Finish form tie holes in accordance with the Specifications using approved patching materials.

Clean and repair surfaces of formliners to be re-used. Split, frayed, delaminated or otherwise damaged formliner material will not be acceptable for exposed surfaces. Formliners

shall be cleaned and free of concrete buildup prior to each pour. Do not use "patched" forms for exposed concrete surfaces unless they are acceptable to the Owner/Engineer.

6.0 MEASUREMENT. All items of work necessary to construct architectural treatment as specified in this Note shall be considered incidental to the unit price bid for Sound Barrier Wall.

7.0 PAYMENT. Payment for Sound Barrier Wall includes full compensation for furnishing all labor, equipment, materials, and incidental items necessary to construct the architectural treatment in accordance with the Plans, Specifications, other Contract Documents, and this Special Note.