

CITY OF HIGHLAND HEIGHTS  
CAMPBELL COUNTY, KENTUCKY  
ALEXANDRIA WAY  
IMPROVEMENTS

31584

CITY OF HIGHLAND HEIGHTS OFFICIALS

MAYOR  
GREG MEYERS

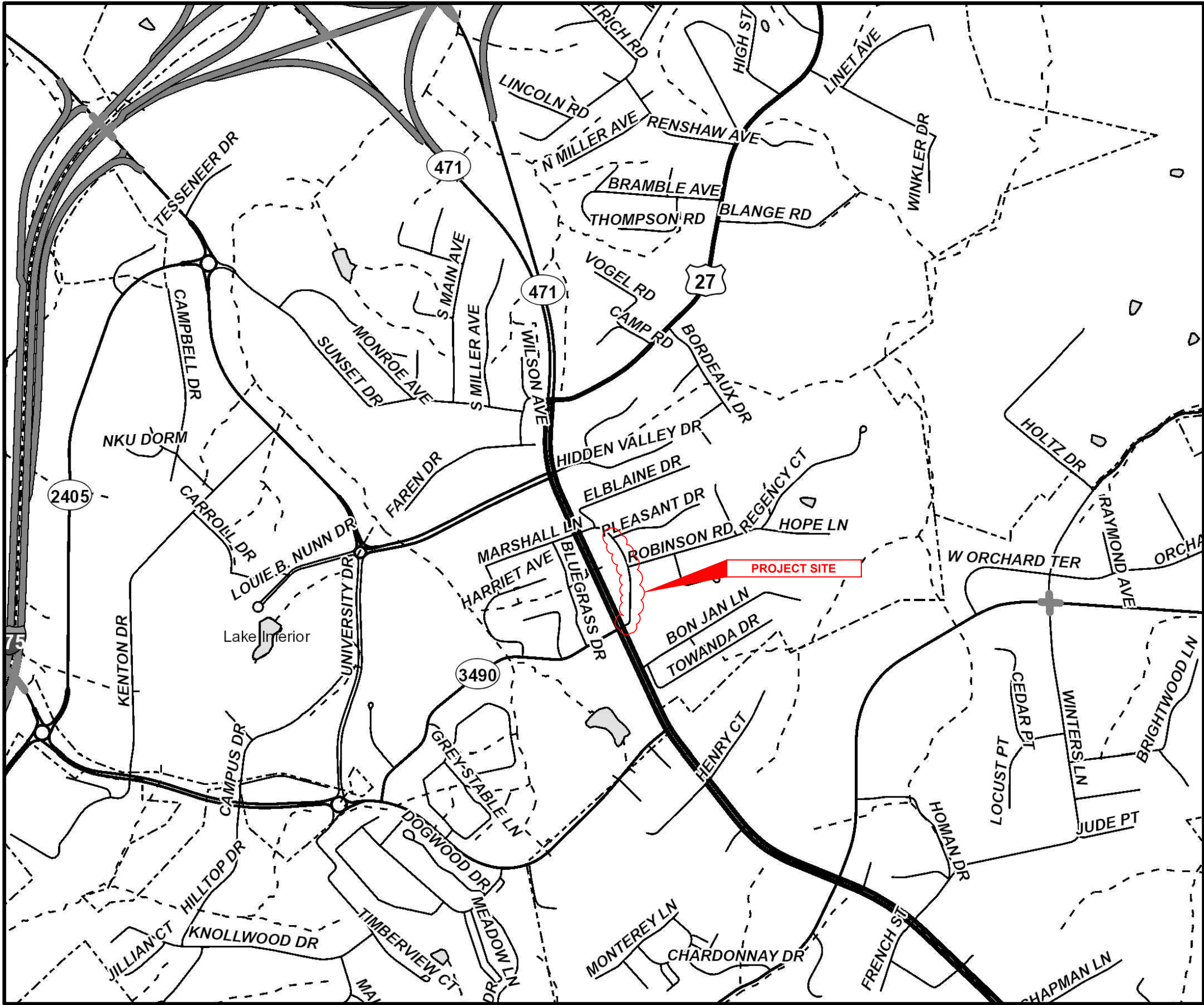
CITY CLERK  
JEANNE PETTIT

CITY ADMINISTRATOR  
MICHAEL GIFFEN

CITY COUNCIL MEMBERS  
GARY CHINN  
JESSE HOCKENBURY  
DEB BALL  
PATRICIA HAYLEY  
JOHN BRAUN  
RENE HEINRICH

PUBLIC WORKS DIRECTOR  
STEVE LEHMAN

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VICINITY MAP

K.T.C SPECIFICATIONS

THE LATEST STANDARD SPECIFICATIONS OF THE KENTUCKY TRANSPORTATION CABINET, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS THERETO.

SOURCE OF BOUNDARY INFORMATION

THE BOUNDARY INFORMATION SHOWN ON THESE PLANS IS BASED UPON CAMPBELL COUNTY G.I.S. MAPPING AND DOES NOT REPRESENT AN ACTUAL FIELD BOUNDARY SURVEY BY VERDANTAS.



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CITY OF HIGHLAND HEIGHTS  
- CAMPBELL COUNTY, KY -

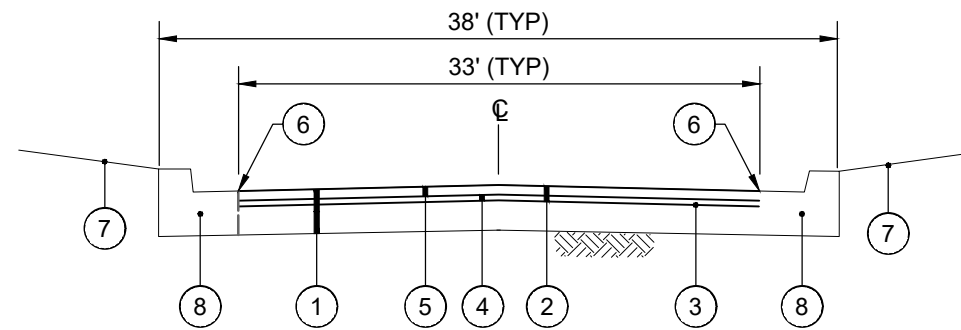
TITLE SHEET

PROJECT NO. 31584	
DISCIPLINE CIVIL	
SHEET NAME TTL	
SHEET 1	OF 5



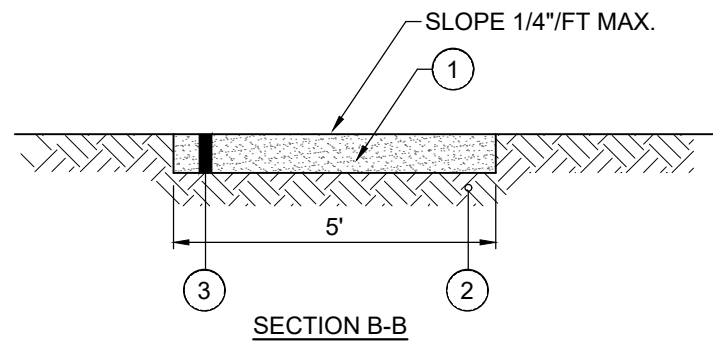
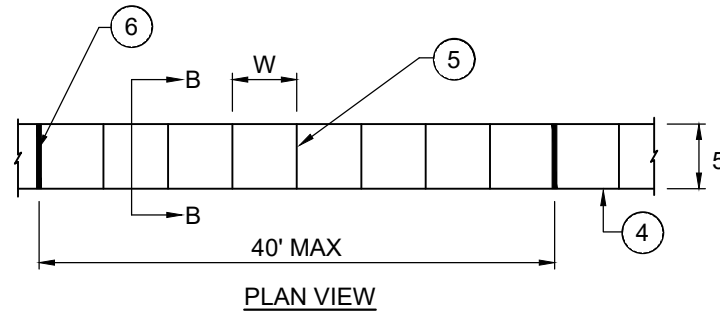
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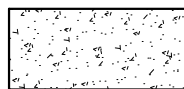


- EXISTING ASPHALT PAVEMENT
- ITEM 408 - ASPHALT MILLING (2.5" TYP.)
- ITEM 406 - TACK COAT @ 0.1 GAL/SY (INCIDENTAL TO ITEM 403)
- ITEM 402/403 - 1" ASPHALT LEVELING
- ITEM 402/403 - 1-1/2" ASPHALT PAVEMENT SURFACE WITH ARAMID FIBER REINFORCEMENT (FORTA-FI OR ACE FIBER)
- APPLY HOT ASPHALT SEALER WHERE ASPHALT MEETS CONCRETE CURB (INCIDENTAL TO ITEM 403)
- DO NOT DISTURB YARD AREA
- ITEM SPL \* - CURB REPLACEMENT, CONCRETE VERTICAL CURB & GUTTER PER DETAIL

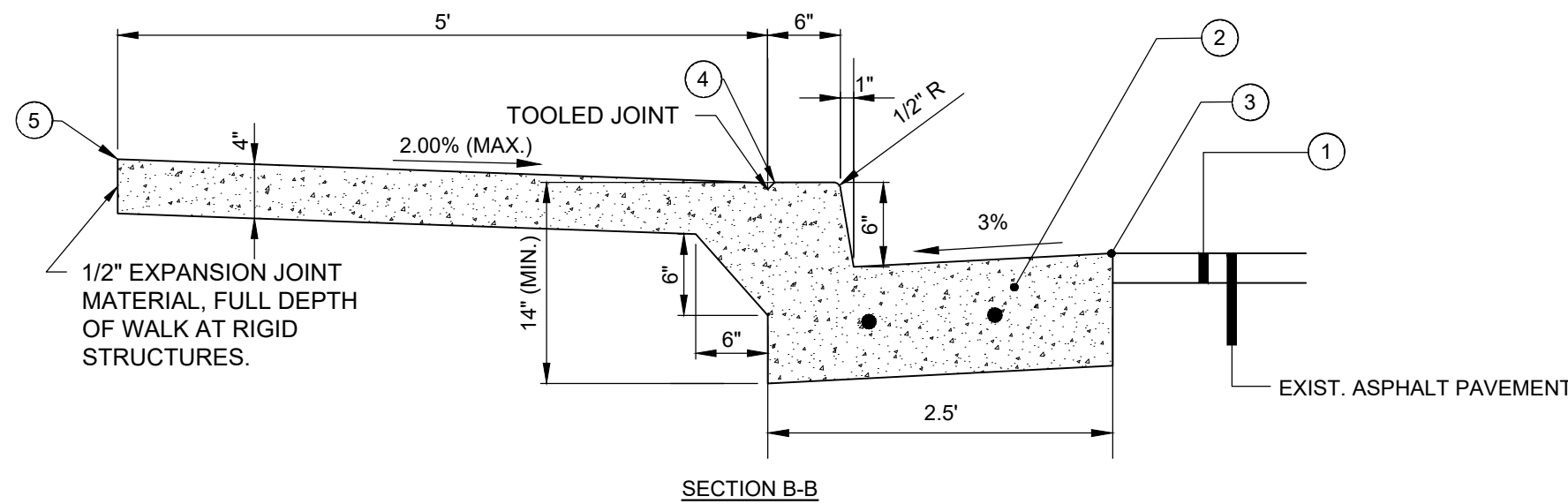
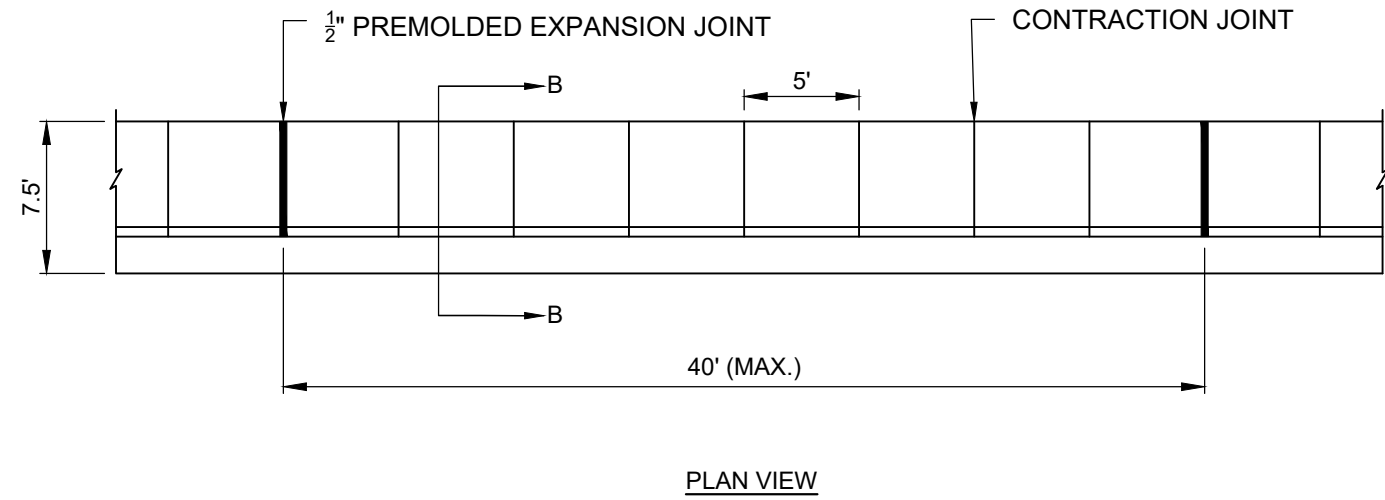
**TYPICAL PAVEMENT RESURFACING SECTION**  
**CONCRETE VERTICAL CURB & GUTTER**  
N.T.S.



**CONCRETE SIDEWALK REPLACEMENT DETAIL**  
N.T.S.



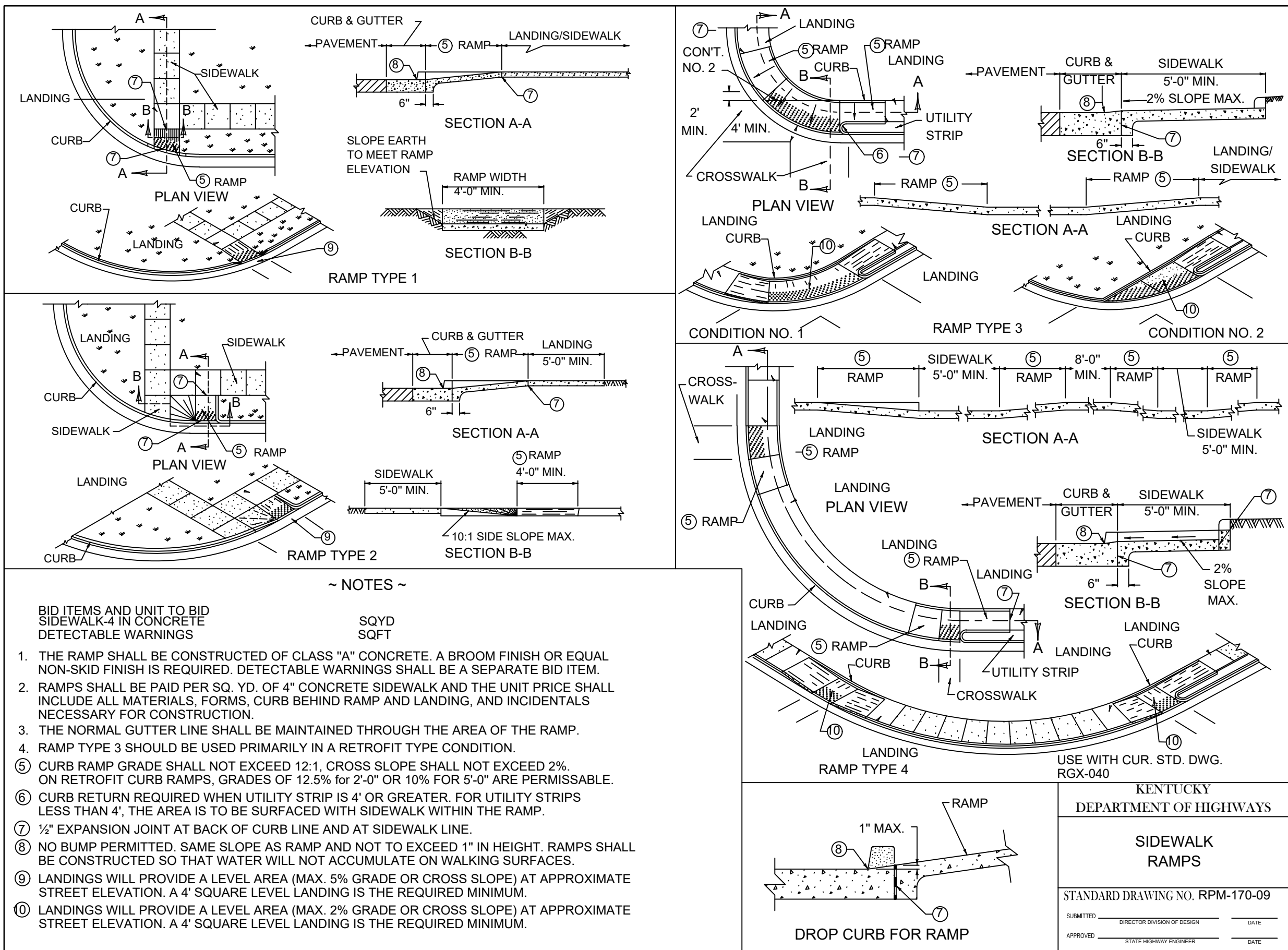
- SAWCUT AND REMOVE EXISTING SIDEWALK
- ITEM 207 - COMPACTED SUBGRADE (INCIDENTAL TO CONCRETE SIDEWALK)
- ITEM SPL - 4" CONCRETE SIDEWALK PER SUBDIVISION REGULATIONS
- TOOLED EDGE
- TOOLED CONTRACTION JOINT
- 1/2" PREMOLDED EXPANSION JOINT



- PROPOSED ASPHALT PAVEMENT RESURFACING (SEE TYPICAL SECTION)
- SAWCUT AND REMOVE EXISTING CURB (INCIDENTAL)
- APPLY ASPHALT SEALER AT INTERFACE BETWEEN ASPHALT AND CONCRETE (INCIDENTAL TO ITEM 402/403)
- TOP/EDGE OF REPLACEMENT CURB TO MATCH LINE & GRADE OF ADJACENT EXISTING CURB
- YARD RESTORATION (4" TOPSOIL, SEED AND MULCH) - INCIDENTAL TO SIDEWALK REPLACEMENT
- 3/8" DIA. DOWELS 18" LONG - DRILL 9" MIN. INTO EXIST. CURB
- CONCRETE DRIVEWAY REPLACEMENT AS PER DETAIL

NOTE: CONTRACTOR SHALL FILL BEHIND WALK TO THE TOP OF THE WALK w/ TOPSOIL AND RESTORE YARD w/ SEED/MULCH. THE COST FOR TOPSOIL, SEED/MULCH SHALL BE INCIDENTAL TO THE UNIT PRICE BID FOR INTEGRAL CURB, WALK, AND GUTTER REPLACEMENT ITEM.

**INTEGRAL CURB, WALK, AND GUTTER REPLACEMENT** N.T.S.



- ~ NOTES ~**
- BID ITEMS AND UNIT TO BID  
SIDEWALK: 4" IN CONCRETE  
DETECTABLE WARNINGS
- SOYD  
SOFT
- THE RAMP SHALL BE CONSTRUCTED OF CLASS "A" CONCRETE. A BROOM FINISH OR EQUAL NON-SKID FINISH IS REQUIRED. DETECTABLE WARNINGS SHALL BE A SEPARATE BID ITEM.
  - RAMPS SHALL BE PAID PER SQ. YD. OF 4" CONCRETE SIDEWALK AND THE UNIT PRICE SHALL INCLUDE ALL MATERIALS, FORMS, CURB BEHIND RAMP AND LANDING, AND INCIDENTALS NECESSARY FOR CONSTRUCTION.
  - THE NORMAL GUTTER LINE SHALL BE MAINTAINED THROUGH THE AREA OF THE RAMP.
  - RAMP TYPE 3 SHOULD BE USED PRIMARILY IN A RETROFIT TYPE CONDITION.
  - CURB RAMP GRADE SHALL NOT EXCEED 12:1. CROSS SLOPE SHALL NOT EXCEED 2%. ON RETROFIT CURB RAMPS, GRADES OF 12.5% FOR 2'-0" OR 10% FOR 5'-0" ARE PERMISSIBLE.
  - CURB RETURN REQUIRED WHEN UTILITY STRIP IS 4' OR GREATER. FOR UTILITY STRIPS LESS THAN 4', THE AREA IS TO BE SURFACED WITH SIDEWALK WITHIN THE RAMP.
  - 1/2" EXPANSION JOINT AT BACK OF CURB LINE AND AT SIDEWALK LINE.
  - NO BUMP PERMITTED. SAME SLOPE AS RAMP AND NOT TO EXCEED 1" IN HEIGHT. RAMPS SHALL BE CONSTRUCTED SO THAT WATER WILL NOT ACCUMULATE ON WALKING SURFACES.
  - LANDINGS WILL PROVIDE A LEVEL AREA (MAX. 5% GRADE OR CROSS SLOPE) AT APPROXIMATE STREET ELEVATION. A 4' SQUARE LEVEL LANDING IS THE REQUIRED MINIMUM.
  - LANDINGS WILL PROVIDE A LEVEL AREA (MAX. 2% GRADE OR CROSS SLOPE) AT APPROXIMATE STREET ELEVATION. A 4' SQUARE LEVEL LANDING IS THE REQUIRED MINIMUM.

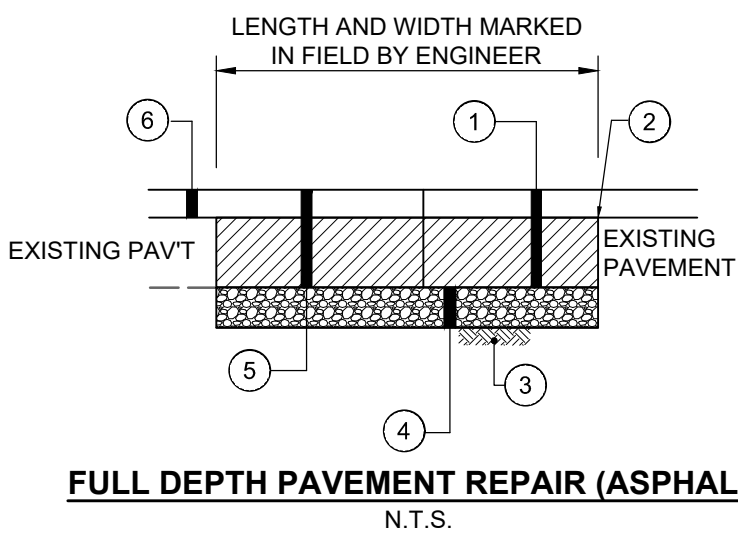
KENTUCKY  
DEPARTMENT OF HIGHWAYS

SIDEWALK  
RAMPS

STANDARD DRAWING NO. RPM-170-09

SUBMITTED: \_\_\_\_\_ DIRECTOR, DIVISION OF DESIGN \_\_\_\_\_ DATE: \_\_\_\_\_

APPROVED: \_\_\_\_\_ STATE HIGHWAY ENGINEER \_\_\_\_\_ DATE: \_\_\_\_\_



**FULL DEPTH PAVEMENT REPAIR (ASPHALT)**  
N.T.S.

- EX. CONCRETE, ASPHALT, GRAVEL OR EARTEN MATERIAL TO BE REMOVED
  - FULL DEPTH SAWCUT ALL SIDES
  - ITEM 207 - COMPACTED SUBGRADE (INCIDENTAL)
  - ITEM 302 - 6" DGA FOR SUBGRADE REPAIR (SEPARATE BID ITEM). TO BE USED AS DIRECTED BY THE ENGINEER. UNIT PRICE BID INCLUDES DGA BASE, REMOVAL AND DISPOSAL OF EXISTING MATERIAL AND COMPACTION OF SUBGRADE
  - ITEM 402/403 - BITUMINOUS CONCRETE BASE (9" TOTAL THICKNESS)
  - PAVEMENT RESURFACING PER TYPICAL SECTION (SEPARATE PAY ITEM)
- \* NOTE: THIS IS A CONTINGENCY ITEM TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER. LIMITS TO BE MARKED IN THE FIELD BY THE ENGINEER

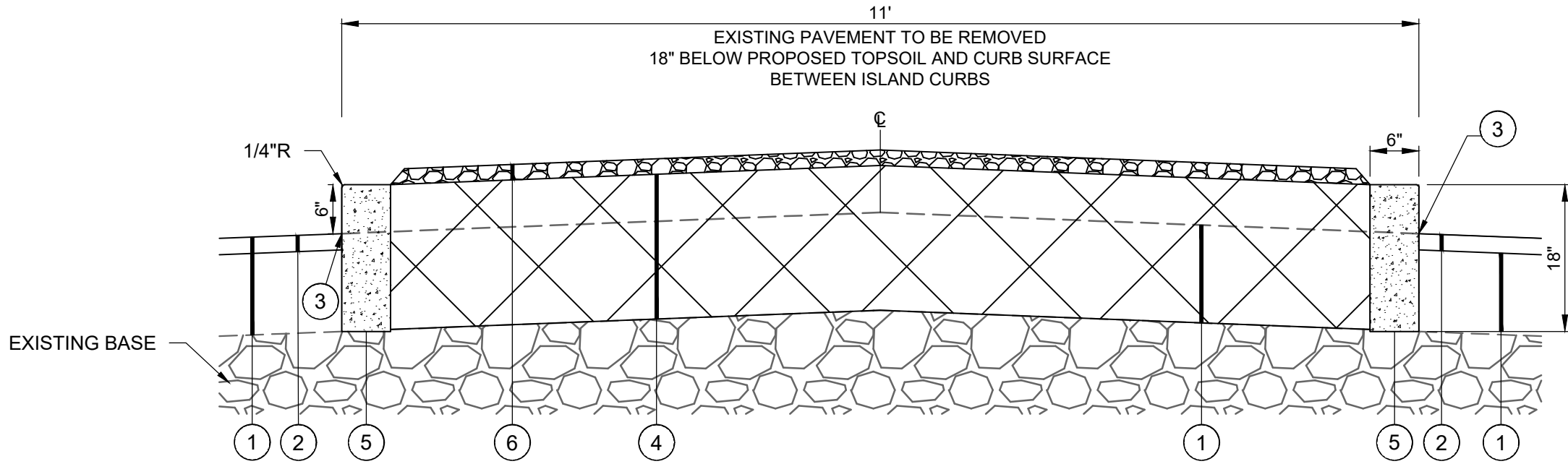
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ISSUED FOR:	BIDDING	NO	REVISION	DATE
ISSUE DATE:	04/28/2025			
SCALE:	AS SHOWN			
DESIGNED BY:	FTWE			
DRAWN BY:	TPEL			
CHECKED BY:	FTWE			

ALEXANDRIA WAY IMPROVEMENTS  
CITY OF HIGHLAND HEIGHTS  
- CAMPBELL COUNTY, KY -

DETAIL SHEET 1

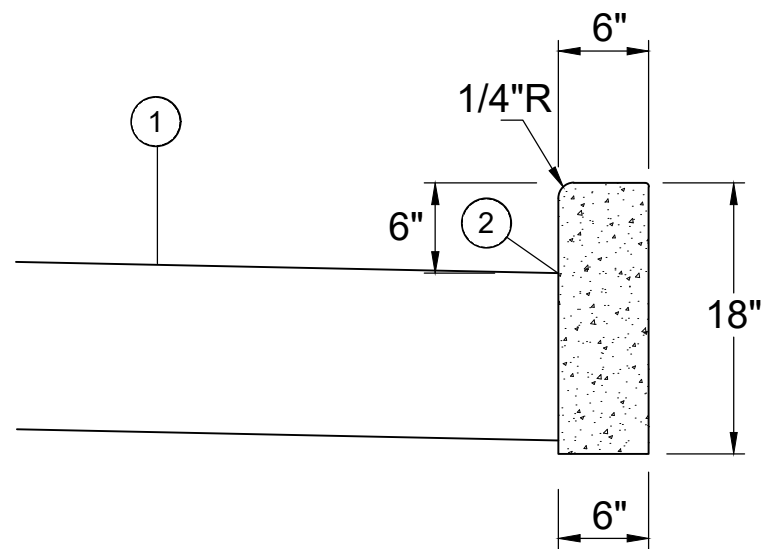
PROJECT NO.	31584
DISCIPLINE	CIVIL
SHEET NAME	DTL-01
SHEET	OF
3	5



- 1 EXISTING ASPHALT SURFACE COURSE AND CONCRETE BASE
- 2 PROPOSED ASPHALT PAVEMENT (SEE TYPICAL SECTION)
- 3 APPLY HOT ASPHALT SEALER WHERE ASPHALT MEETS CURB (INCIDENTAL TO ITEM 402/403)
- 4 PROPOSED 18" TOPSOIL AND SYNTHETIC WEED BARRIER
- 5 PROPOSED 6" VERTICAL CURB (SEE DETAIL)
- 6 ALT BID #1 - 3" OF 2" TO 5" RIVER ROCK (BASIS OF DESIGN: HAFNER RIVER ROCK OR APPROVED EQUAL)

NOTE: 3/4" DIAMETER DOWELS, 18" LONG, 12" O.C. PLACED AT EXPANSION AND CONSTRUCTION JOINTS ALONG VERTICAL CURB.

ISLAND SECTION N.T.S.



- 1 PROPOSED ASPHALT PAVEMENT (SEE TYPICAL SECTION)
- 2 APPLY HOT ASPHALT SEALER WHERE ASPHALT MEETS CURB (INCIDENTAL TO ITEM 402/403).

NOTE: 3/4" DIAMETER DOWELS, 18" LONG, 12" O.C. PLACED AT EXPANSION AND CONSTRUCTION JOINTS.

6" VERTICAL CURB N.T.S.



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ALEXANDRIA WAY IMPROVEMENTS

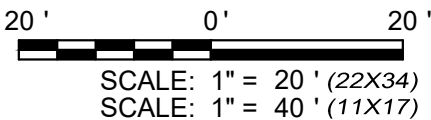
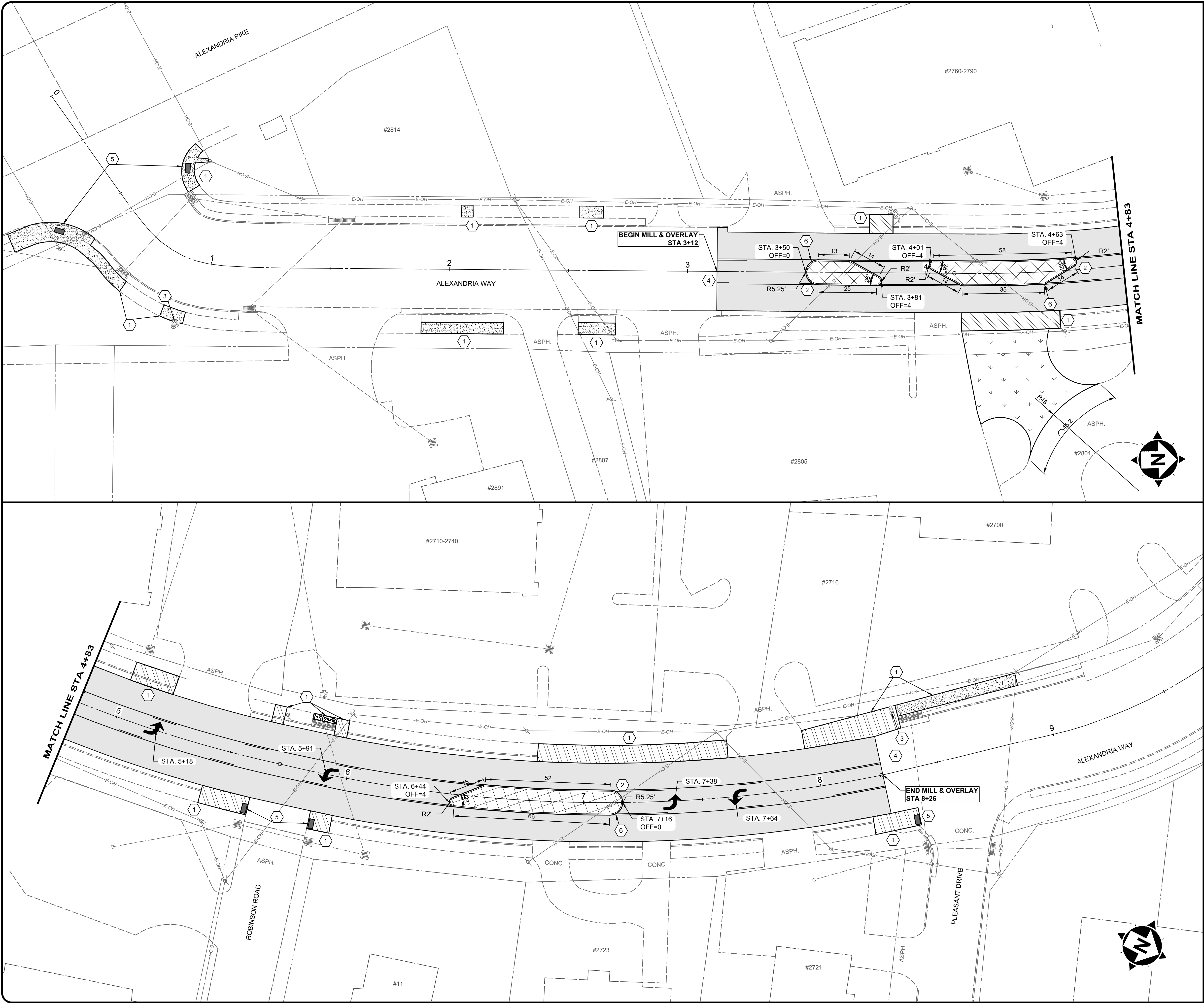
CITY OF HIGHLAND HEIGHTS

- CAMPBELL COUNTY, KY -

DETAIL SHEET 2

PROJECT NO.	
31584	
DISCIPLINE	
CIVIL	
SHEET NAME	
DTL-02	
SHEET	OF
4	5





CONSTRUCTION NOTES

- 1 SIDEWALK, GUTTER, AND CURB REPLACEMENT LIMITS WILL BE MARKED IN THE FIELD BY THE CITY/ENGINEER.
- 2 SEE ISLAND SECTION FOR DEPTHS OF PAVEMENT EXCAVATION AND TOPSOIL REQUIREMENTS.
- 3 ADJUST GAS/WATER VALVE/BOX PER DUKE/NKWD REQUIREMENTS
- 4 MATCH EXISTING PAVEMENT
- 5 ADA RAMP
- 6 6" VERTICAL CURB

HATCH LEGEND

- MILL & OVERLAY  
- SEE TYPICAL SECTIONS
- 4" CONCRETE SIDEWALK REPLACEMENT  
- SEE DETAIL SHEET
- INTEGRAL CURB, WALK, AND GUTTER REPLACEMENT  
- SEE DETAIL SHEET
- SAWCUT AND 18" PAVEMENT REMOVAL, TOPSOIL BACKFILL W/ SEED & STRAW, MATCH EXISTING GROUND
- 18" TOPSOIL BACKFILL WITH SYNTHETIC WEED BARRIER

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PLAN SHEET 1

PROJECT NO.	
31584	
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SHEET NAME	
PLAN-01	
SHEET	OF
5	5

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