

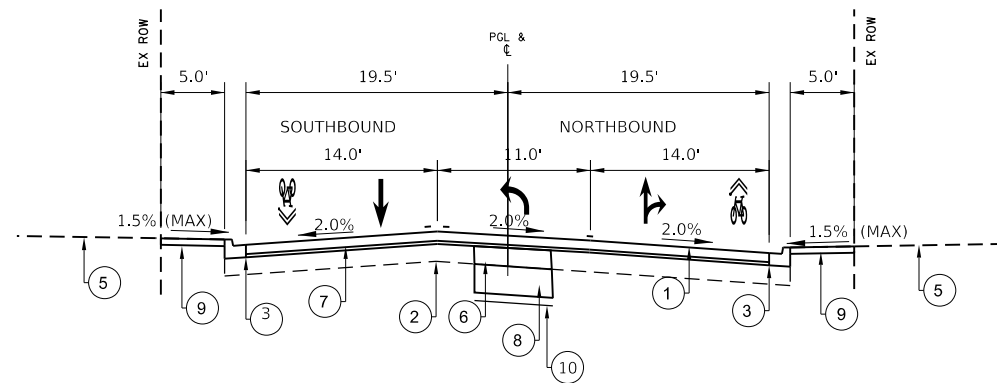


**Signal and Highway Factors Attachment – Village of Clarendon Hills Streetscape and  
Paving Plans**

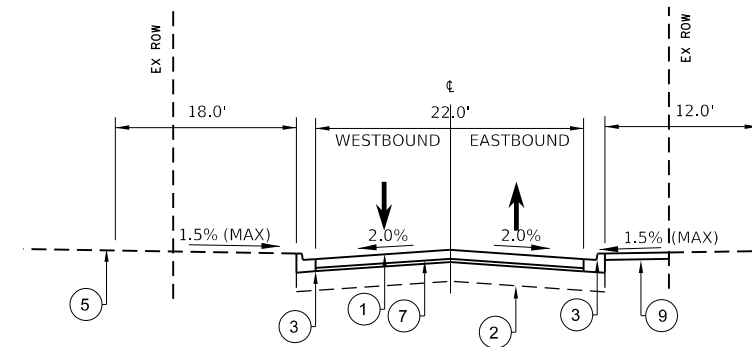
**Clarendon Hills, IL**

**HWY22MH009**

(8 pages)



**PROPOSED TYPICAL SECTION**  
 PROSPECT AVE  
 STA 10+75.24 TO 12+73.7



**PROPOSED TYPICAL SECTION**  
 RAILROAD AVE  
 STA 40+86 TO 41+25

**LEGEND**

1. PROPOSED HMA SURFACE, IL-9.5 MIX D N50 2"
2. EXISTING AGGREGATE BASE COURSE, 8" (+/-)
3. COMBINATION CURB AND GUTTER, TYPE B-6.12
4. COMBINATION CURB AND GUTTER, TYPE B-6.24
5. TOPSOIL FURNISH AND PLACE, 6"
6. CLASS D PATCH 6"
7. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 (3/4" TO 1")
8. AGGREGATE SUBGRADE IMPROVEMENT, 12"
9. PORTLAND CEMENT CONCRETE SIDEWALK 5"
10. GEOTECHNICAL FABRIC

NOTE: LOCATIONS OF CLASS D PATCHES TO BE DETERMINED IN THE FIELD

**HOT MIX ASPHALT REQUIREMENTS**

| APPLICATION         | MIXTURE TYPE  | AIR VOIDS @ NDES             |
|---------------------|---|------------------------------|
| ROADWAY RESURFACING | 2" HMA SURFACE COURSE, IL-9.5 MIX D, N50 (IL 9.5 mm)<br>(1" MAX) 3/4" POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 | 4% @ 50 GYR<br>3.5% @ 50 GYR |
| PATCHING            | CLASS D PATCHES (HMA BINDER IL-19mm)  | 4% @ 70 GYR                  |

**HMA NOTES:**

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112LBS/SOYD/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS
3. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS

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|                       |                  |           |
|-----------------------|------------------|-----------|
| USER NAME = DavidL    | DESIGNED -       | REVISED - |
| PLOT SCALE = NTS      | DRAWN -          | REVISED - |
| PLOT DATE = 5/13/2020 | CHECKED -        | REVISED - |
|                       | DATE = 4/20/2020 | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF CLARENDON HILLS  
 PROSPECT AVENUE**

**PROPOSED TYPICAL SECTIONS**

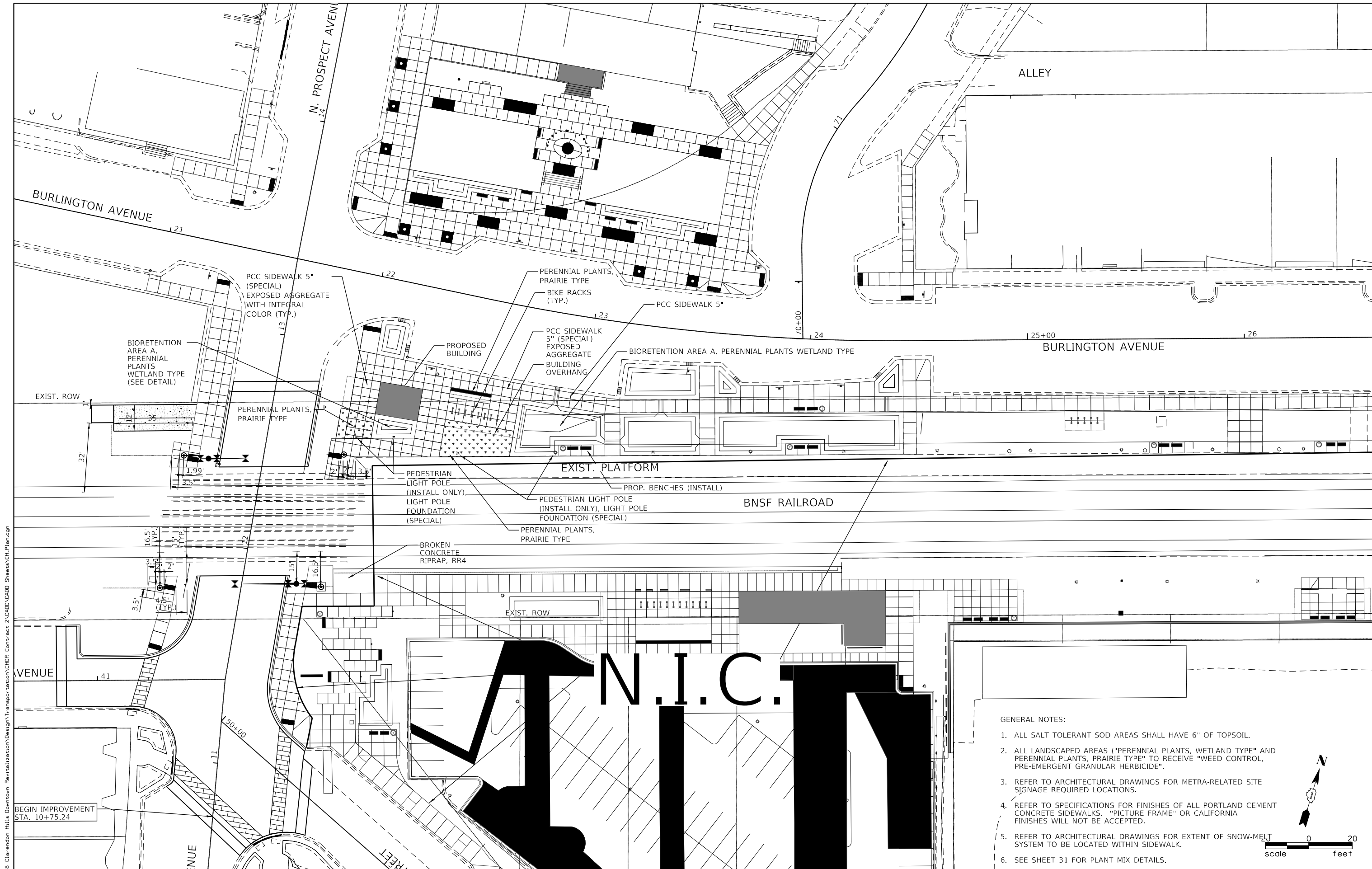
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| MUN                       | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO.          |
|---------------------------|----------------|--------|--------------|--------------------|
| 1003                      | 16-00045-01-MS | DUPAGE | 79           | 11                 |
|                           |                |        |              | CONTRACT NO. 61G62 |
| ILLINOIS FED. AID PROJECT |                |        |              |                    |

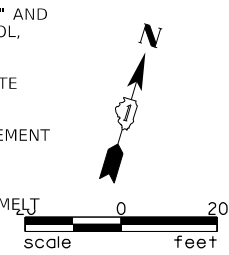




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- GENERAL NOTES:**
1. ALL SALT TOLERANT SOD AREAS SHALL HAVE 6" OF TOPSOIL.
  2. ALL LANDSCAPED AREAS ("PERENNIAL PLANTS, WETLAND TYPE" AND PERENNIAL PLANTS, PRAIRIE TYPE" TO RECEIVE "WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE".
  3. REFER TO ARCHITECTURAL DRAWINGS FOR METRA-RELATED SITE SIGNAGE REQUIRED LOCATIONS.
  4. REFER TO SPECIFICATIONS FOR FINISHES OF ALL PORTLAND CEMENT CONCRETE SIDEWALKS. "PICTURE FRAME" OR CALIFORNIA FINISHES WILL NOT BE ACCEPTED.
  5. REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT OF SNOW-MELT SYSTEM TO BE LOCATED WITHIN SIDEWALK.
  6. SEE SHEET 31 FOR PLANT MIX DETAILS.



|  |                       |                  |   |
|--|-----------------------|------------------|---|
|  | USER NAME = KurTV     | DESIGNED -       | REVISED 1-Rev. SE Xner Burlington 3/18/21 |
|  | PLOT SCALE = 20       | DRAWN -          | REVISED -                                 |
|  | PLOT DATE = 3/19/2021 | CHECKED -        | REVISED -                                 |
|  |                       | DATE = 4/20/2020 | REVISED -                                 |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF CLARENDON HILLS  
PROSPECT AVENUE**

**SITE PLAN**

|                           |                |        |              |           |
|---------------------------|----------------|--------|--------------|-----------|
| MUN                       | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1003                      | 16-00045-01-MS | DUPAGE | 79           | 17        |
| CONTRACT NO. 61G62        |                |        |              |           |
| ILLINOIS FED. AID PROJECT |                |        |              |           |

SCALE: 20 SHEET 1 OF 1 SHEETS STA. TO STA.

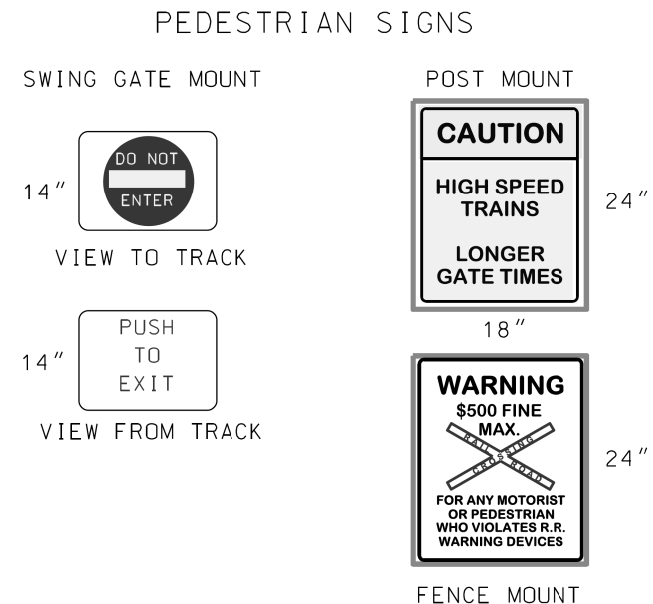
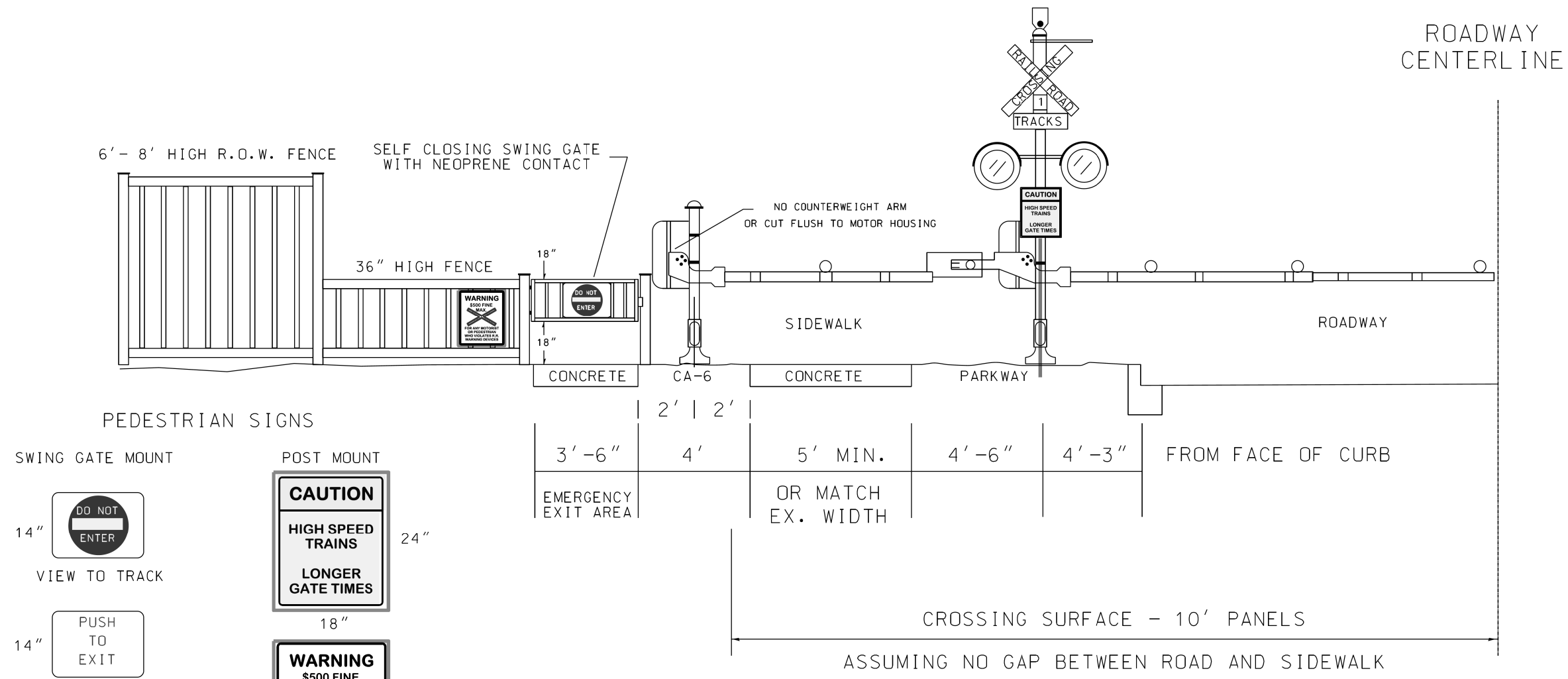


# PEDESTRIAN VIEW AT EXIT GATE - TRAIN APPROACHING

## CONCEPTUAL CROSS SECTION (NTS)

**NOTES:**

1. DESIGN TO COMPLY WITH MUTCD
2. ESCAPE AREA DESIGN- COMPLY WITH CHAPTER 4: "ACCESSIBLE ROUTES" OF ADA AND ABA GUIDELINES AMENDED AUGUST 5, 2005, OR LATEST REVISION
3. DETECTABLE WARNING - TRUNCATED DOMES PER CHAPTER 7: "COMMUNICATION ELEMENTS AND FEATURES," ADA AND ABA GUIDELINES
4. \*FINAL DIMENSIONS DETERMINED IN FIELD DUE TO VARIABILITY OF LOCATIONS \*



|   |         |                    |       |       |                   |  |  |
|---|---------|--------------------|-------|-------|-------------------|--|--|
|   | 2'   2' |                    |       |       |                   |  |  |
| 3'-6"   | 4'      | 5' MIN.            | 4'-6" | 4'-3" | FROM FACE OF CURB |  |  |
| EMERGENCY EXIT AREA   |         | OR MATCH EX. WIDTH |       |       |                   |  |  |
| <p>CROSSING SURFACE - 10' PANELS</p> <p>ASSUMING NO GAP BETWEEN ROAD AND SIDEWALK</p> |         |                    |       |       |                   |  |  |

"FOR INFORMATION ONLY"  
"WORK BY OTHERS"

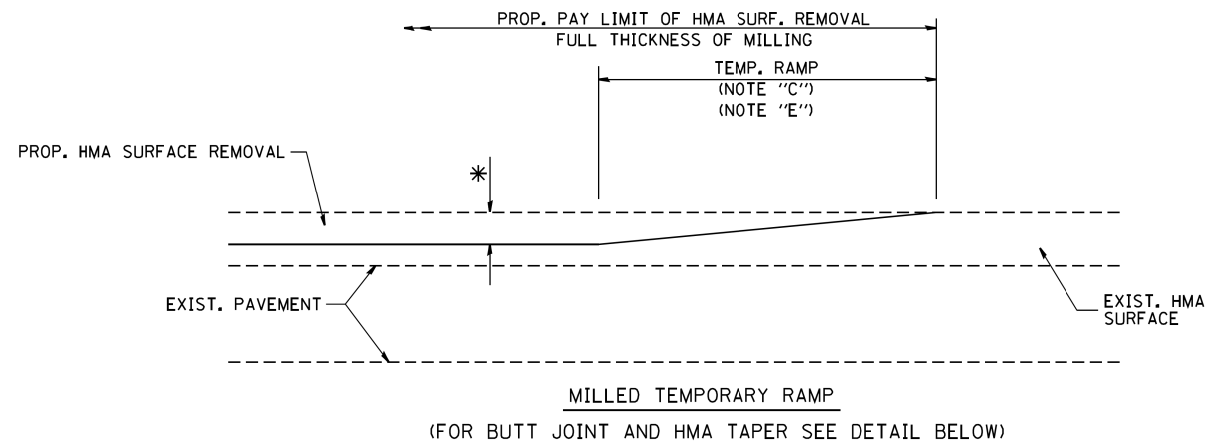
ILLINOIS COMMERCE COMMISSION

DESIGN GUIDANCE  
PEDESTRIAN TREATMENTS  
HIGH SPEED RAIL - UP

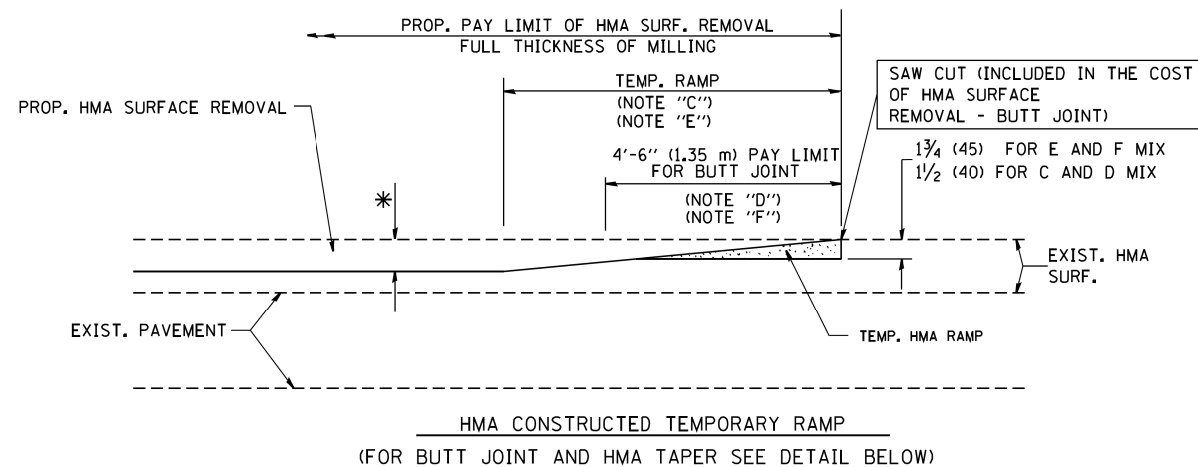
PAGE 1 OF 2

REVISION DATE: NOV. 1, 2012

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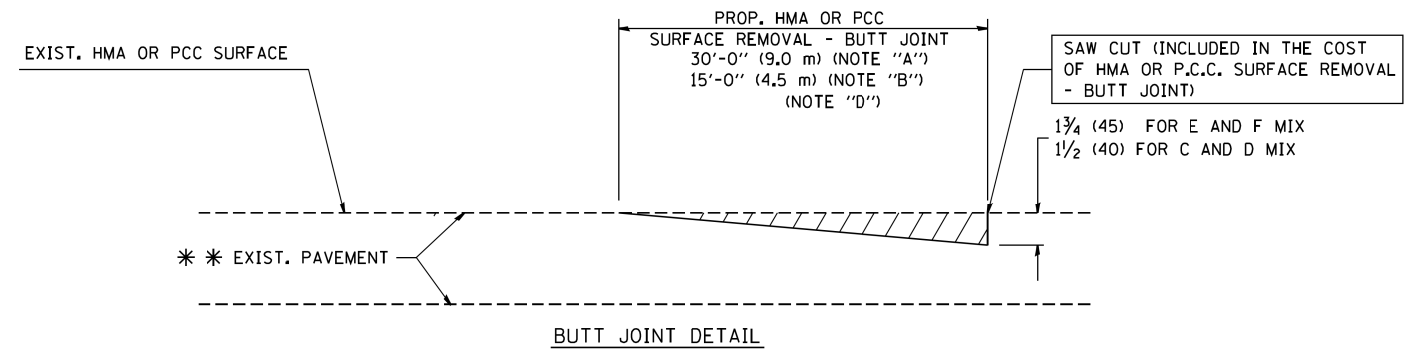


**OPTION 1**

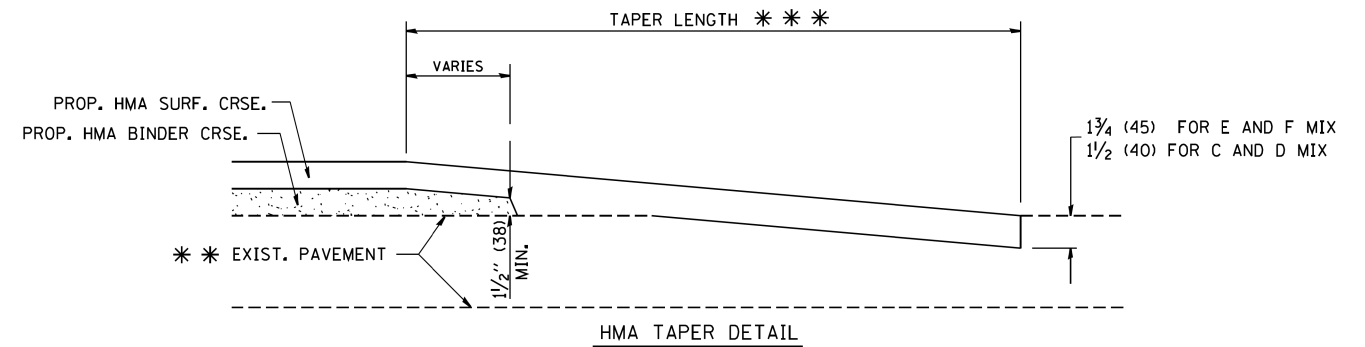


**OPTION 2**

**TYPICAL TEMPORARY RAMP**



**BUTT JOINT DETAIL**



**HMA TAPER DETAIL**

**TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY**

\*\*\* PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

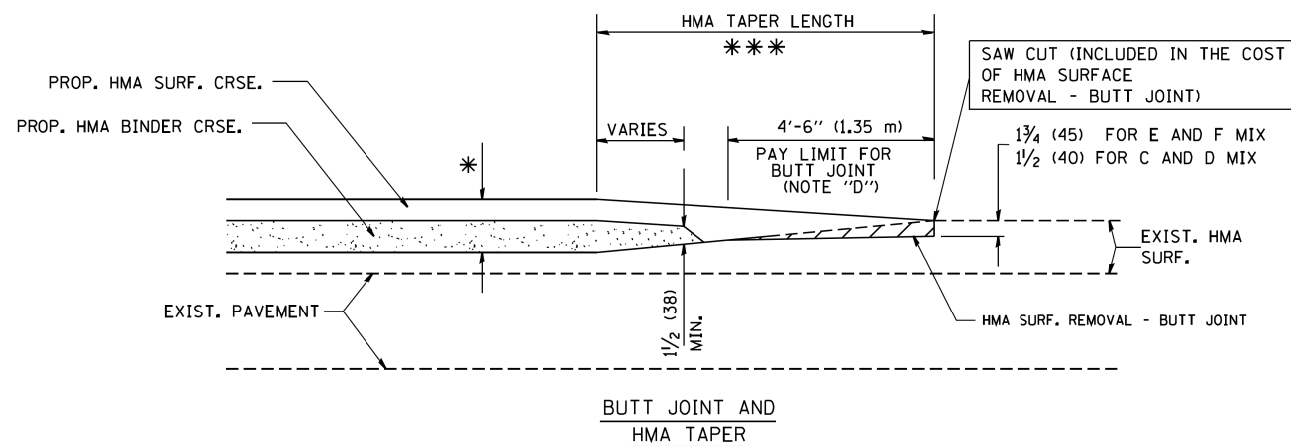
**NOTES**

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
  - B: MINOR SIDE ROADS.
  - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
  - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
  - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
  - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
  - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- \* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- \*\*\* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

**BASIS OF PAYMENT:**

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.



**TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING**

|                                       |                              |                       |                             |
|---------------------------------------|------------------------------|-----------------------|-----------------------------|
| FILE NAME = W:\diststd\22x34\bd32.dgn | USER NAME = gegl1aenobt      | DESIGNED - M. DE YONG | REVISED - R. SHAH 10-25-94  |
|                                       |                              | DRAWN -               | REVISED - A. ABBAS 03-21-97 |
|                                       | PLOT SCALE = 50,0000 ' / IN. | CHECKED -             | REVISED - M. GOMEZ 04-06-01 |
|                                       | PLOT DATE = 1/4/2008         | DATE - 06-13-90       | REVISED - R. BORO 01-01-07  |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

|   |                                      |
|---|--------------------------------------|
| <b>BUTT JOINT AND<br/>HMA TAPER DETAILS</b> |                                      |
| SCALE: NONE                                 | SHEET NO. 1 OF 1 SHEETS STA. TO STA. |

| F.A. RTE.                                       | SECTION        | COUNTY             | TOTAL SHEETS | SHEET NO. |
|---|----------------|--------------------|--------------|-----------|
| 1003  | 16-00045-01-MS | DUPAGE             | 79           | 76        |
| <b>BD400-05 BD32</b>                            |                | CONTRACT NO. 61G62 |              |           |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |                |                    |              |           |