

EXISTING STRUCTURE TYPICAL SECTION

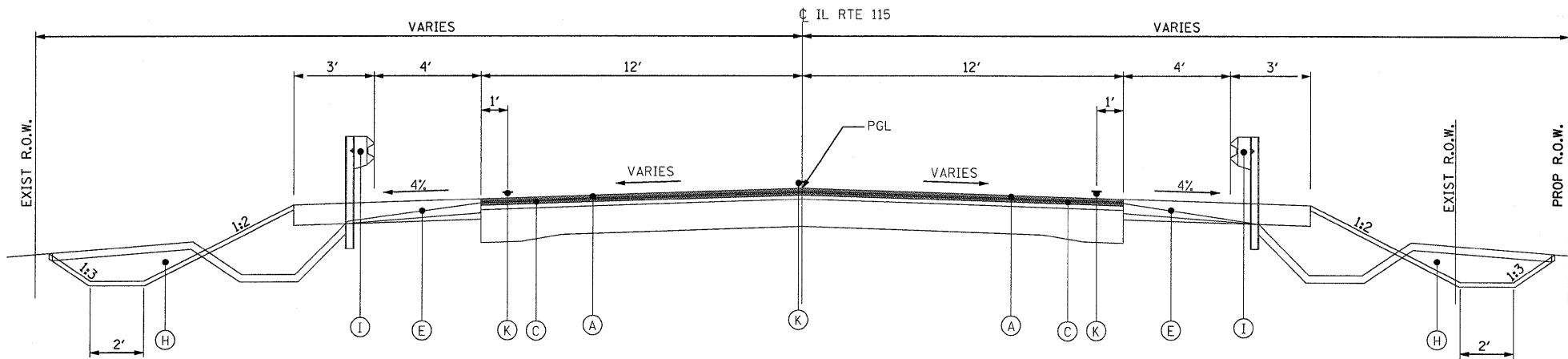
NTS
FROM STA 21+00 TO STA 23+95.97
FROM STA 24+21.98 TO STA 27+00

BITUMINOUS MIXTURE REQUIREMENTS

| PAY ITEM | HMA LEVEL BINDER | HMA SURFACE | HMA BINDER | HMA SHOULDERS |
|-------------------------|------------------------------|-------------------|-----------------|---------------|
| PG GRADE | PG64-22 | PG64-22 | PG64-22 | PG58-22 |
| MAX. % RAP ALLOWABLE ** | 25% | 15% | 25% | 50% |
| DESIGN AIR VOIDS | 4.0% @ N50 | 4.0% @ N50 | 4.0% @ N50 | 3.0% @ N50 |
| MIXTURE COMPOSITION | IL 9.5 | IL 12.5 OR IL 9.5 | IL 19.0 | IL 19.0 |
| FRICTION AGGREGATE | | MIXTURE C | | |
| DENSITY TEST METHOD | SATISFACTION OF THE ENGINEER | NUCLEAR / CORES | NUCLEAR / CORES | * |

* MATERIAL SHALL BE COMPACTED TO 93.0 - 97.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY, EXCEPT THAT WHEN PLACED AS FIRST LIFT ON AN UNIMPROVED SUBGRADE THE MINIMUM PERCENT COMPACTION SHALL BE 92.0 PERCENT. THE MAXIMUM THEORETICAL DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE AS SPECIFIED IN THE QC/QA SPECIFICATION.

** IF RAP OPTION IS DIFFERENT THAN LISTED ABOVE, THE PG GRADE MAY NEED TO BE ADJUSTED. THIS WILL BE DETERMINED BY THE ENGINEER.



PROPOSED ROADWAY WITH GUARD RAIL TYPICAL SECTION

NTS

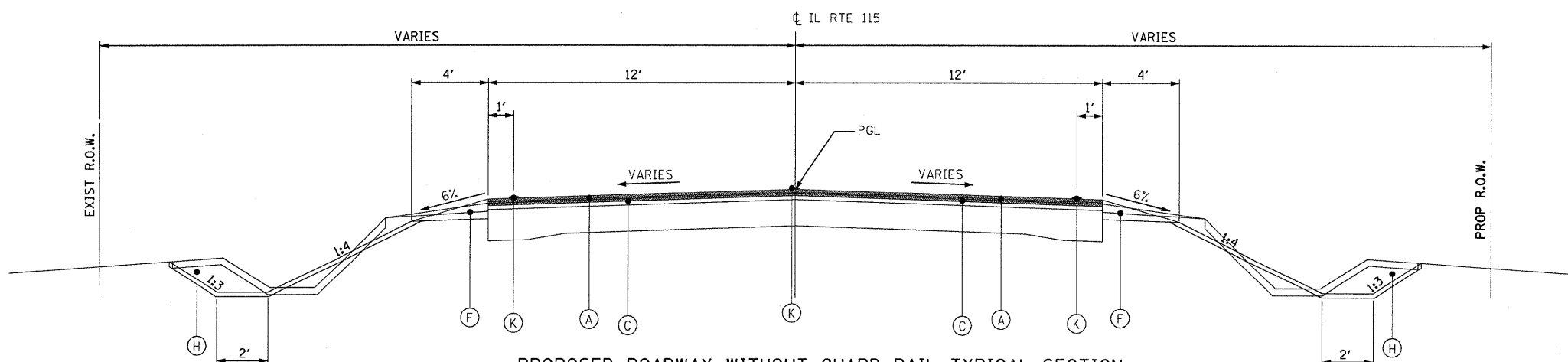
LEGEND:

EXISTING

- ① EXISTING HOT-MIX ASPHALT BINDER/SURFACE COURSE ± 3"
- ② HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"
- ③ EXISTING PCC PAVEMENT, ± 12"
- ④ EXISTING GUARD RAIL REMOVAL
- ⑤ EXISTING AGGREGATE SHOULDER

PROPOSED

- Ⓐ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50, 1 1/2"
- Ⓑ PROPOSED LEVELING BINDER (MACHINE METHOD), N50, 3/4"
- Ⓒ PROPOSED LEVELING BINDER (MACHINE METHOD), N50, VARIABLE DEPTH
- Ⓓ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A, 6"
- Ⓔ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8"
- Ⓕ PROPOSED AGGREGATE SHOULDER, TYPE B
- Ⓖ PROPOSED POROUS GRANULAR EMBANKMENT
- Ⓗ PROPOSED EARTH EXCAVATION
- Ⓘ PROPOSED STEEL PLATE BEAM GUARD RAIL
- Ⓝ PROPOSED PRECAST CONCRETE BOX CULVERT, 12' X 10' (M273)
- Ⓚ PAVEMENT MARKING, SEE PAVEMENT MARKING SHEET FOR DETAIL



PROPOSED ROADWAY WITHOUT GUARD RAIL TYPICAL SECTION

NTS

| | | | |
|-------------------------------------|--|---------------------|-----------|
| FILE NAME = | USER NAME = oarpentordj | DESIGNED - DB | REVISED - |
| c:\pwwork\pwwid\carpenterj\dms30072 | sjp-0839-sht1.dgn | DRAWN - RM/FZ/DK/NS | REVISED - |
| | PLOT SCALE = 21.1764' / IN. | CHECKED - AS | REVISED - |
| | PLOT DATE = Aug 22, 2008 - 01:55:07 PM | DATE - AUGUST 2008 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
SN 027-2014 SHEET 1 OF 2

SCALE: NTS SHEET NO. OF SHEETS STA. TO STA.

| | | | | |
|---|--------------------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 798 | 107 BR, 108-BR, 108-BR-1 | FORD | 92 | 8 |
| CONTRACT NO. 66698 | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |