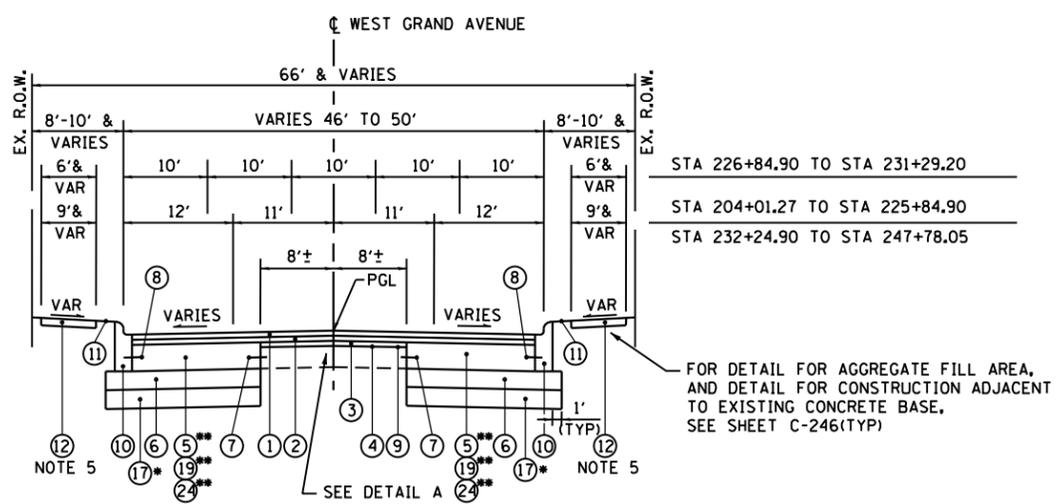


EXISTING TYPICAL SECTION
WEST GRAND AVENUE
STA. 204+01.27 TO STA. 248+19.91
STA. 249+64.47 TO STA. 274+80.00



PROPOSED TYPICAL SECTION
WIDENING/RESURFACING/PARTIAL RECONSTRUCTION
WEST GRAND AVENUE
STA. 204+01.27 TO STA. 247+78.75
STA. 250+35.00 TO STA. 274+04.98

* APPROX. UNSUITABLE MATERIAL REMOVAL
STA 217+33 TO STA 217+83 (12'')
STA 230+74 TO STA 232+94 (6'')
STA 263+50 TO STA 265+00 (36'')
STA 215+58 TO STA 217+33 (12'')
STA 226+24 TO STA 228+66 (6'')

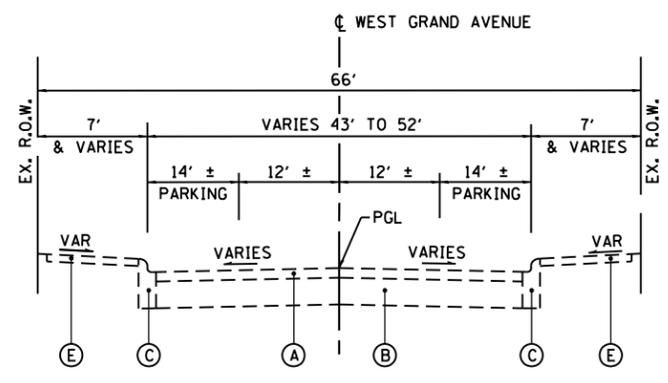
** BASE COURSE LIMITS SHOWN ON PROPOSED IMPROVEMENT PLAN SHEETS

EXISTING CONDITION

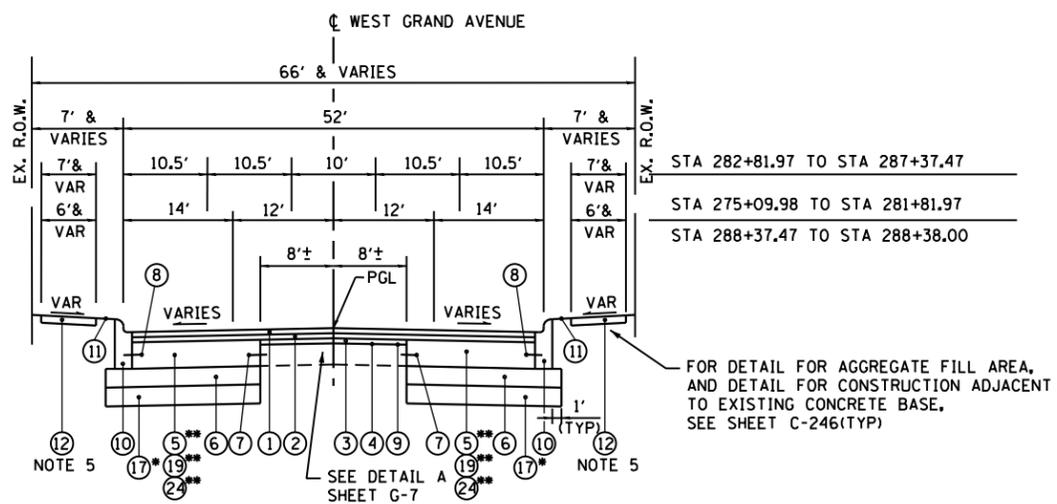
- (A) BITUMINOUS CONCRETE SURFACE/CONCRETE PAVEMENT
- (B) PCC BASE/GRANITE PAVERS
- (C) CURB AND GUTTER, TYPE B-V.12
- (D) PARKWAY
- (E) PCC SIDEWALK
- (F) VIADUCT COLUMN AND FOUNDATION

PROPOSED CONDITION

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1.5"
- (2) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"
- (3) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2"
- (4) BITUMINOUS MATERIALS (TACK COAT)
- (5) PORTLAND CEMENT CONCRETE BASE COURSE, 9"
- (6) SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- (7) DRILL & GROUT DOWEL BARS (EPOXY COATED) (NOTE 1)
- (8) TIE BARS
- (9) STRIP REFLECTIVE CRACK CONTROL TREATMENT
- (10) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-V.12
- (11) SODDING, SALT TOLERANT & TOPSOIL FURNISH AND PLACE, 4"
- (12) PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH (NOTES 2 & 4)
- (14) OLD TROLLEY RAILS (NOTE 3)
- (15) SAW CUT
- (16) OLD TROLLEY TIE (NOTE 3)
- (17) AGGREGATE SUBGRADE IMPROVEMENT
- (18) PIPE HANDRAIL
- (19) HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 11.5" - SEE BUS PAD DETAIL, SHEET NO. C-254
- (20) HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT, 10"
- (21) SUB-BASE GRANULAR MATERIAL, TYPE B, 8"
- (22) COMBINATION CONCRETE CURB AND GUTTER (SPECIAL)
- (23) KEYED CONSTRUCTION JOINT WITH TIE BAR
- (24) HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE BASE COURSE, 9"



EXISTING TYPICAL SECTION
WEST GRAND AVENUE
STA. 274+80.00 TO STA. 288+38.00



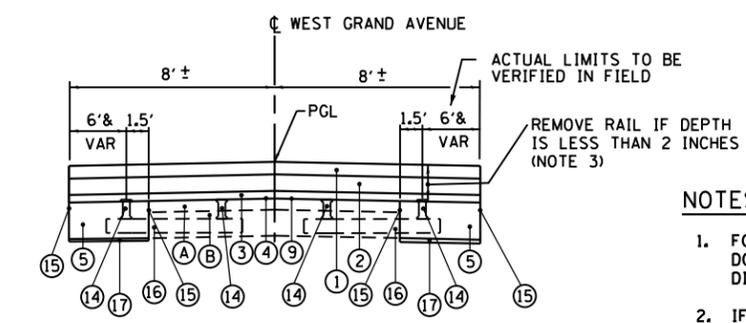
PROPOSED TYPICAL SECTION
RESURFACING/PARTIAL RECONSTRUCTION
WEST GRAND AVENUE
STA. 274+04.98 TO STA. 288+38.00

* APPROX. UNSUITABLE MATERIAL REMOVAL
STA 277+50 TO STA 278+50 (24'')

** BASE COURSE LIMITS SHOWN ON PROPOSED IMPROVEMENT PLAN SHEETS

| HOT-MIX ASPHALT MIXTURE REQUIREMENTS | | |
|--|-------------------|------|
| MIXTURE TYPE | PERCENT AIR VOIDS | Ndes |
| PAVEMENT RESURFACING AND WIDENING | | |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1.5" | 4% @ 70 Gyr. | |
| HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2" | 4% @ 70 Gyr. | |
| POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1" | 3.5% @ 50 Gyr. | |
| LEVELING BINDER (HAND METHOD), N70, 1" | 4% @ 70 Gyr. | |
| TEMPORARY PAVEMENT | | |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2" | 4% @ 50 Gyr. | |
| HOT-MIX ASPHALT BINDER COURSE, IL-19, N50, 8" | 4% @ 50 Gyr. | |

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/50 YD/IN. 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. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.



DETAIL A
PROPOSED TYPICAL RAIL REMOVAL SECTION
WEST GRAND AVENUE
STA. 204+01.27 TO STA. 247+78.75
STA. 250+35.00 TO STA. 288+38.00

NOTES:

1. FOR DETAIL FOR CONSTRUCTION ADJACENT TO EXISTING CONCRETE BASE, SEE SHEET C-246. DOWEL BARS WILL ONLY BE PLACED ON EXISTING CONCRETE BASE COURSE ON LOCATION PER DIRECTION OF THE COMMISSIONER. NO DOWEL BARS WILL BE PLACED ON EXISTING GRANITE PAVERS.
2. IF UNSTABLE OR UNSUITABLE SUBBASE CONDITIONS ARE ENCOUNTERED AFTER EXCAVATION TO PROPOSED SUBBASE ELEVATIONS, THE COMMISSIONER MAY REQUIRE REMOVAL AND REPLACEMENT OF THIS UNSUITABLE MATERIAL WITH SAND CUSHION.
3. REMOVAL OF OLD TROLLEY RAILS AND TIES WILL BE PER DIRECTION OF THE COMMISSIONER.
4. PORTLAND CEMENT CONCRETE SIDEWALK, 5" AND PERVIOUS CEMENT CONCRETE SIDEWALK, 5" ARE BEING PROPOSED. SEE PROPOSED IMPROVEMENTS PLAN SHEETS FOR THEIR LIMITS.
5. SEE SHEETS C-150 AND C-151 FOR DRIVEWAY/ALLEY CONSTRUCTION DETAILS.

| NO. | BY | DATE | DESCRIPTION |
|-----------|----|------|-------------|
| REVISIONS | | | |

| | | | |
|--|--|---|--------------------------|
| GRAND AVENUE IMPROVEMENT PULASKI ROAD TO HOMAN AVENUE | | CITY OF CHICAGO | |
| EXISTING & PROPOSED TYPICAL SECTIONS | | DEPARTMENT OF TRANSPORTATION DIVISION OF ENGINEERING | |
| H. W. LOCHNER, INC. CHICAGO, ILLINOIS | | SCALE: N.T.S. | SHEET NO.: G-7 |
| | | CONTRACT NO.: | PROJECT NO.: |