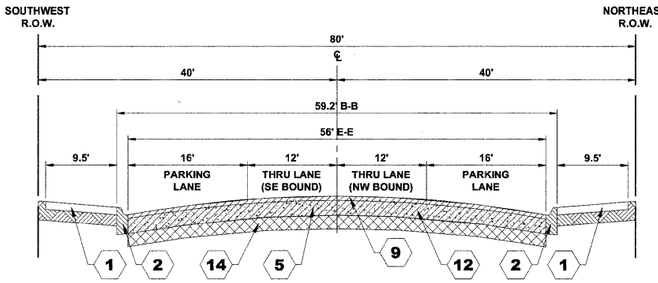
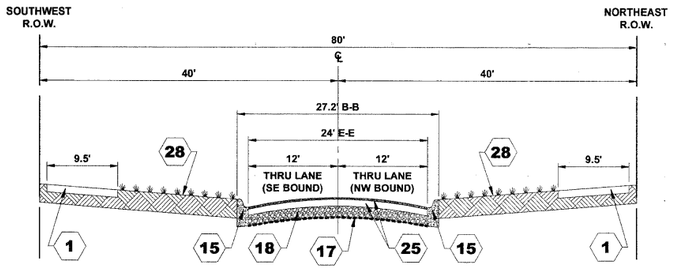
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 1694	07-00122-00-PV	COOK	55	6
ILLINOIS PROJECT	M- 9003 (125)			
VILLAGE SECTION				

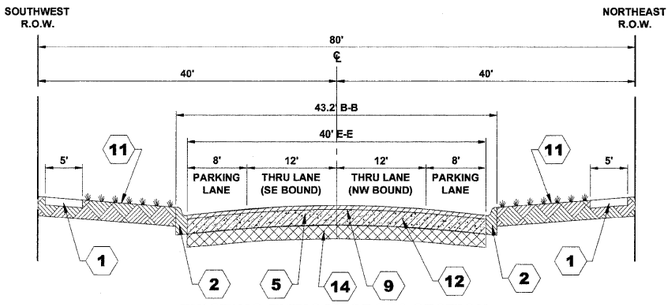
CONTRACT NO. 63101



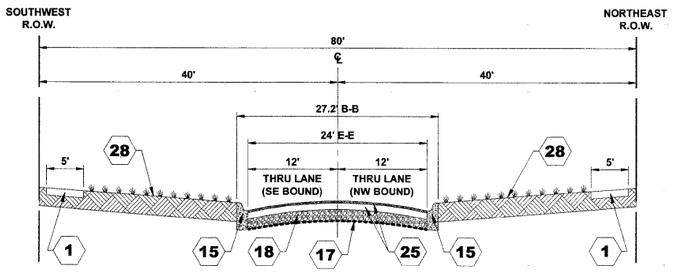
EXISTING TYPICAL CROSS SECTION
GRAND BOULEVARD
(9+87 TO 10+86)



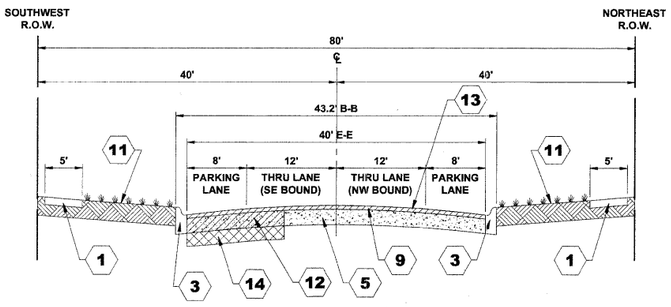
PROPOSED TYPICAL CROSS SECTION
GRAND BOULEVARD
(9+87 TO 10+86)



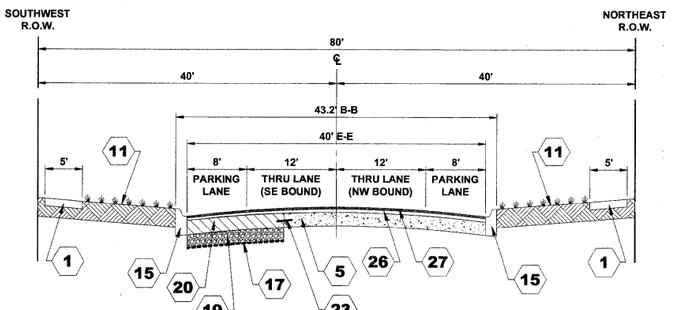
EXISTING TYPICAL CROSS SECTION
GRAND BOULEVARD
(10+86 TO 12+05)
(19+00 TO 21+50)



PROPOSED TYPICAL CROSS SECTION
GRAND BOULEVARD
(10+86 TO 12+05)
(19+00 TO 21+50)



EXISTING TYPICAL CROSS SECTION
GRAND BOULEVARD
(12+05 TO 19+00)
(21+50 TO 28+75)



PROPOSED TYPICAL CROSS SECTION
GRAND BOULEVARD
(12+05 TO 19+00)
(21+50 TO 28+75)

TYPICAL CROSS SECTION LEGEND

EXISTING

1. PORTLAND CEMENT CONCRETE SIDEWALK, 5"
2. COMBINATION CURB AND GUTTER REMOVAL (TYPE B-6.12)
3. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 (ONLY CERTAIN DETERIORATED SECTIONS OF COMBINATION CONCRETE CURB AND GUTTER WILL BE REPLACED)
4. COMBINATION CURB & GUTTER REMOVAL (TYPE B-6.18)
5. PORTLAND CEMENT CONCRETE BASE COURSE, 6" - 10"
6. PORTLAND CEMENT CONCRETE BASE COURSE, 6" - 8"
7. PORTLAND CEMENT CONCRETE PAVEMENT, 6" - 7"
8. DRIVEWAY PAVEMENT REMOVAL (CONCRETE DRIVEWAY PAVEMENT OVERLAID WITH HOT-MIX ASPHALT)
9. HOT-MIX ASPHALT BINDER & SURFACE COURSE, 4" - 7"
10. HOT-MIX ASPHALT BINDER & SURFACE COURSE, 2" - 4"
11. GRASS PARKWAY
12. PAVEMENT REMOVAL
13. HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
14. EARTH EXCAVATION

PROPOSED

15. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
16. CONCRETE CURB, TYPE B
17. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
18. AGGREGATE SUBGRADE, 12"
19. AGGREGATE BASE COURSE, TYPE B, 6"
20. PORTLAND CEMENT CONCRETE BASE COURSE, 8"
21. PORTLAND CEMENT CONCRETE BASE COURSE, 4" SPECIAL
22. PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7"
23. TIE BARS (EPOXY COATED, ¾" DIAMETER, 18" LONG DEFORMED TIE BARS @ 24" O.C.)
24. HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 6"
    -HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50, 2"
    -HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"
25. HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9"
    -HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50, 2"
    -HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 7"
    (INSTALLED IN 2 LIFTS)
26. LEVELING BINDER (MACHINE METHOD), N50, 1"
27. HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50, 2"
28. TOPSOIL FURNISH AND PLACE 4" SODDING
29. DECORATIVE BRICK SIDEWALK

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

ITEM DESCRIPTION	AC TYPE	VOIDS
GRAND BOULEVARD - "FULL DEPTH" PAVEMENT, 9"		
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50, 7"	PG 64 - 22*	4% @ 50 Gyr.
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50, (IL 9.5mm), 2"	PG 64 - 22	4% @ 50 Gyr.
LINCOLN AVENUE - "FULL DEPTH" PAVEMENT, 6"		
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50, 4"	PG 64 - 22*	4% @ 50 Gyr.
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50, (IL 9.5mm), 2"	PG 64 - 22	4% @ 50 Gyr.
GRAND BOULEVARD - RESURFACING		
LEVELING BINDER (MACHINE METHOD), N50	PG 64 -22 *	4% @ 50 Gyr.
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50 (IL 9.5mm)	PG 64 - 22	4% @ 50 Gyr.
TEMPORARY PAVEMENT		
(HOT MIX) (2") (BINDER IL - 19mm)	PG 64 -22 *	4% @ 50 Gyr.

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

*WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58 -22

HANCOCK ENGINEERING
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BROOKFIELD
GRAND BOULEVARD IMPROVEMENTS
TYPICAL CROSS SECTIONS

REVISION:	

DRAWN BY: LEV/ECW/MK
CHECKED BY: JCG
SCALE: NOT TO SCALE
DATE: 01-09-09

E.H.E. PROJECT NO. : 125-08-13501

Drawing file: 'W:\Projects\125081135 - Grand Blvd Grant to Veterans\Typicals.dwg Jan 29, 2009 - 11:52am