

62301 • (2021-922 PT2 ETC 2324.6-1P) R-10

STRUCTURAL PAVEMENT DESIGN FOR MAINLINE

STRUCTURAL DESIGN TRAFFIC: SU= 10,930 MU= 31,949 PV= 125,272 ROAD/STREET CLASSIFICATION: CLASS 1 SU= 37% MU= 37% PV= 8% ACTUAL TF= 264.46 AC TYPE= N/A TRAFFIC FACTOR: MINIMUM TF= 12.39 AC GRADE: RINDER= -SURFACE= -SUBGRADE SUPPORT RATING: SSR= 2.00 (STA. to STA. SSR= 2.00 (STA. to STA.

BITUMINOUS MIXTURE REQUIREMENT

DITOMINOUS MIXTORE	- 1120011	<u> </u>	
ITEM	AC TYPE	VOIDS	RAP %
BITUMINOUS STABILIZED SUB-BASE, 4"	PG 58-22	2% @ 30 Gyr	50
BITUMINOUS STABILIZED SUB-BASE, 6"	PG 58-22	3% @ 50 Gyr	25
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70	PG 64-22	4% @ 70 Gyr	10
POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE, IL-4.75, N50	SBS/SBR PG 76-28	2.5% @ 50 Gyr	0
TEMPORARY PAVEMENT (INTERSTATE)			
POLYMERIZED BIT. CONC. BINDER COURSE, SUPERPAVE, IL-19.0, N105, 14"	SBS PG 76-22	4% @ 105 Gyr	0

THE UNIT WEIGHT USED TO CALCULATE ALL BITUMINOUS SURFACE MIXTURES IS 112 LBS/SQYD/IN

PROPOSED LEGEND:

- 1 CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14" AND PAVEMENT REINFORCEMENT 14"
- (3) BITUMINOUS STABILIZED SUB-BASE, 6"
- (5) SUB-BASE GRANULAR MATERIAL, TYPE B 24"
- 6 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (9) BITUMINOUS MATERIALS (PRIME COAT)
- 15) PORTLAND CEMENT CONCRETE SHOULDERS 14"
- (18) CONCRETE MEDIAN SURFACE, 6" (SPECIAL)
- 20 CONCRETE BARRIER, DOUBLE FACE, 32" HEIGHT
- (21) CONCRETE BARRIER, SINGLE FACE, 32" HEIGHT
- 23 BARRIER BASE
- (24) BARRIER WALL MARKERS, TYPE C (80' C-C)
- 26 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24
- (27) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- 28 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.48 (MODIFIED)
- 29 PIPE UNDERDRAINS 6"
- (33) GUARDRAIL
- 34) TOPSOIL FURNISH AND PLACE / SEEDING (SEE LANDSCAPING PLANS FOR DETAILS)
- (35) LONGITUDINAL SAWED OR CONSTRUCTION JOINT,
 FOR LONGITUDINAL SAWED JOINT, POUR IN PLACE NO. 6 DEFORMED EPOXY TIE BARS 30"
 LONG AT 30" C-C. FOR LONGITUDINAL CONSTRUCTION JOINT, DRILL AND GROUT NO. 8
 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C.
 (SHALL BE INCLUDED IN THE COST OF CONTINUOUSLY REINFORCED PCC PAVEMENT 14")
- 36 | LONGITUDINAL CONSTRUCTION JOINT. | DRILL AND GROUT NO. 6 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF THE APPLICABLE COMB CONC CURB AND GUTTER TYPE)
- (SHALL BE INCLUDED IN THE COST OF THE APPLICABLE PCC SHOULDER TYPE)

PRTYP-1

REVISIONS
NAME DATE
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

PROPOSED TYPICAL SECTIONS
NORTHBOUND LOCAL LANES

 SCALE:
 H:1"=10' V:1"=5'
 DRAWN BY:
 NJH

 DATE:
 June 9, 2006
 CHECKED BY:
 RMG