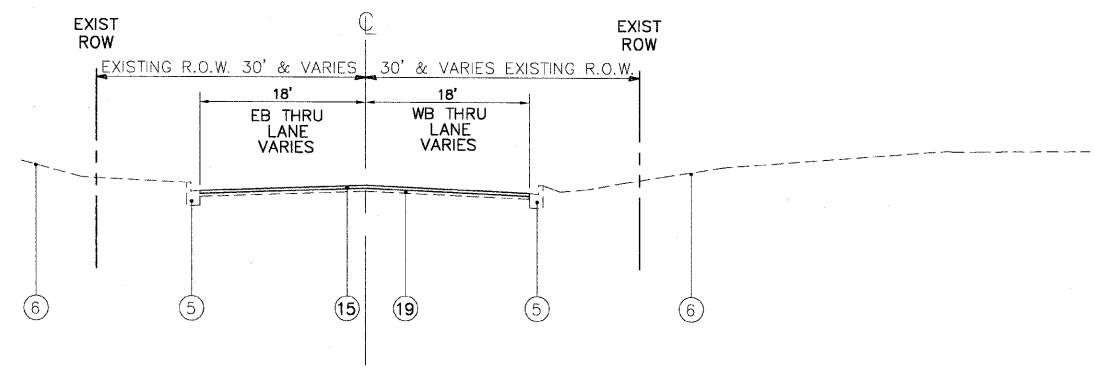


TYPICAL PROPOSED CROSS SECTION TRI-STATE PARKWAY
AND FROM STA. 303+78 TO STA. 316+50
SHOWN AT STA. 312+50



TYPICAL PROPOSED CROSS SECTION TRI-STATE PARKWAY
AND FROM STA. 316+50 TO STA. 323+00
SHOWN AT STA. 319+00

TYPICAL CROSS SECTION LEGEND

- NO DESCRIPTION
- ① EXISTING BITUMINOUS PAVEMENT (VARIES 8" TO 16")
- ② EXISTING AGGREGATE BASE COURSE (VARIES 5" TO 16")
- ③ EXISTING AGGREGATE SHOULDER (VARIES 6" TO 10")
- ④ EXISTING BITUMINOUS SHOULDER (VARIES 6" TO 10")
- ⑤ EXISTING CONCRETE CURB & GUTTER
- ⑥ EXISTING GROUND
- ⑦ EXISTING LANDSCAPED MEDIAN
- ⑧ HOT-MIX SURFACE REMOVAL, 2-1/2"
- ⑨ REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- ⑩ EARTHWORK REMEDIAL TREATMENT - SEE SHEET 2
- ⑪ HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 12"
- ⑫ HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 8"
- ⑬ HOT-MIX ASPHALT SURFACE COURSE, MIX 'D' N50, 2"
- ⑭ HOT-MIX ASPHALT SURFACE COURSE, MIX 'D' N50, 2 1/2"
- ⑮ HOT-MIX ASPHALT SURFACE COURSE, MIX 'D' N70, 2"
- ⑯ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2"
- ⑰ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2"
- ⑱ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 8"
- ⑲ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL 4.75, N50, (VARIES 3/4" TO 1 1/4")
- ⑳ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ㉑ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- ㉒ AGGREGATE SUBGRADE, 12"
- ㉓ AGGREGATE BASE COURSE, TYPE 'B', 6"
- ㉔ POROUS GRANULAR EMBANKMENT, SUBGRADE
- ㉕ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ㉖ PIPE UNDERDRAINS, 4"(MODIFIED)
- ㉗ P.C.C. SIDEWALK, 5"
- ㉘ CONCRETE MEDIAN SURFACE, 4"
- ㉙ TOPSOIL PLACEMENT, 6"
- ㉚ SEEDING, CLASS 2A
- ㉛ EROSION CONTROL BLANKET (SPECIAL)
- ⓧ ITEM TO BE REMOVED

HOT-MIX ASPHALT REQUIREMENTS TABLE

PAY ITEM	AC TYPE	VOIDS	MAX RAP%
HOT-MIX ASPHALT PAVEMENT (FULL DEPTH) 12"			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX 'F', N90, (IL 9.5mm) 2"	SBS/SBR PG 70 -22	4% @ 90 GYR	10 %
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0 N90, 2"	SBS/SBR PG 70 -22	4% @ 90 GYR	10 %
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50, 8"	* PG 64 -22	4% @ 50 GYR	25 %
HOT-MIX ASPHALT PAVEMENT (FULL DEPTH) 8"			
HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N50, (IL 9.5mm), 2"	PG 64 -22	4% @ 50 GYR	15 %
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50, 2"	* PG 64 -22	4% @ 50 GYR	25 %
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50, 4"	* PG 64 -22	4% @ 50 GYR	25 %
PAVING OPERATION			
PAVEMENT WIDENING, TRI STATE PARKWAY			
HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N70, (IL 9.5mm), 2"	PG 64 -22	4% @ 70 GYR	10 %
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70, 2"	* PG 64 -22	4% @ 70 GYR	15 %
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50, 8"	* PG 64 -22	4% @ 50 GYR	25 %
PAVEMENT RESURFACING, TRI STATE PARKWAY			
HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N70, (IL 9.5mm) 2"	PG 64 -22	4% @ 70 GYR	10 %
POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL 4.75 N50, 1"	SBS/SBR PG 76 -22	4% @ 50 GYR	15 %
PROPOSED SHARED USE PATH CEMETERY ROAD & WASHINGTON STREET			
HOT-MIX ASPHALT SURFACE COURSE, MIX 'C', N50, (IL 9.5mm), 2"	PG 64 -22	4% @ 50 GYR	15 %
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50, 2"	* PG 64 -22	4% @ 50 GYR	25 %
PAVEMENT MINOR ACCESS DRIVEWAY			
HOT-MIX ASPHALT SURFACE COURSE, MIX 'C', N50, (IL 9.5mm), 2 1/2"	PG 64 -22	4% @ 50 GYR	15 %
TEMPORARY BITUMINOUS PAVEMENT, WASHINGTON STREET			
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50, 2"	PG 64 -22	4% @ 50 GYR	15 %
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50, 8"	* PG 64 -22	4% @ 50 GYR	25 %
* NOTE: TEMPORARY PAVEMENT REFERENCE PROPOSED CONSTRUCTION STAGING.			
PAVEMENT PATCHING			
CLASS D PATCHES, TYPE I, II, III, IV			
HOT-MIX ASPHALT BINDER, IL 19.0, N70	PG 64 -22	4% @ 70 GYR	15 %
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES			
HOT-MIX ASPHALT BINDER, IL 19.0, N70	PG 64 -22	4% @ 70 GYR	15 %

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIX QUANTITIES IS 112 LBS / SQ YD / IN.
* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22

PLANS PREPARED BY:
GEWALT HAMILTON
ASSOCIATES, INC.
Consulting Engineers & Surveyors
850 Forest Edge Drive
Vernon Hills, IL 60061
(847) 476-9700
(847) 476-9701 Fax

REVISIONS	
NAME	DATE
REV.-1 IDOT COMMENTS	02-03-06
REV.-2 PLANS STAGED	06-02-06
REV.-5 PER-FINAL SUB	02-20-09
PS&E SUBMITTAL	04-10-09

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL CROSS SECTIONS
TRI-STATE PARKWAY
PROPOSED ROADWAY WIDENING
AND INTERSECTION IMPROVEMENTS
TRI-STATE PARKWAY
SCALE: NTS
DATE: 02-17-05
DRAWN BY: CGP
DESIGNED BY: TPG
CHECKED BY: BLS