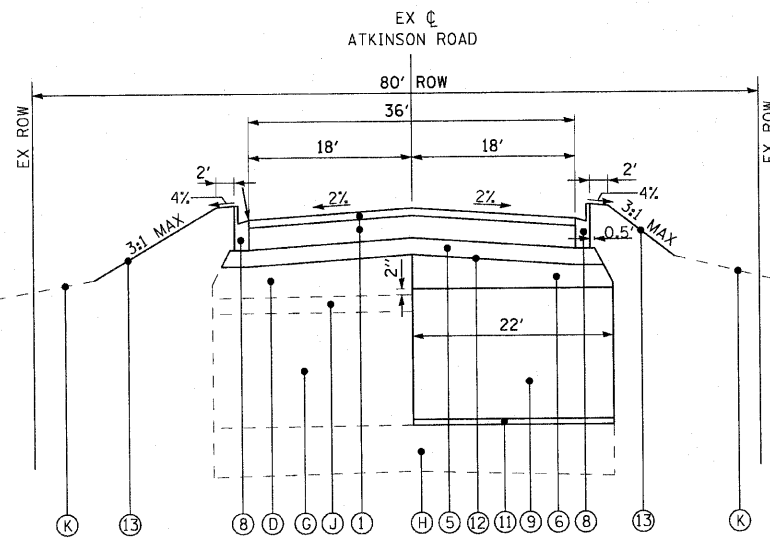
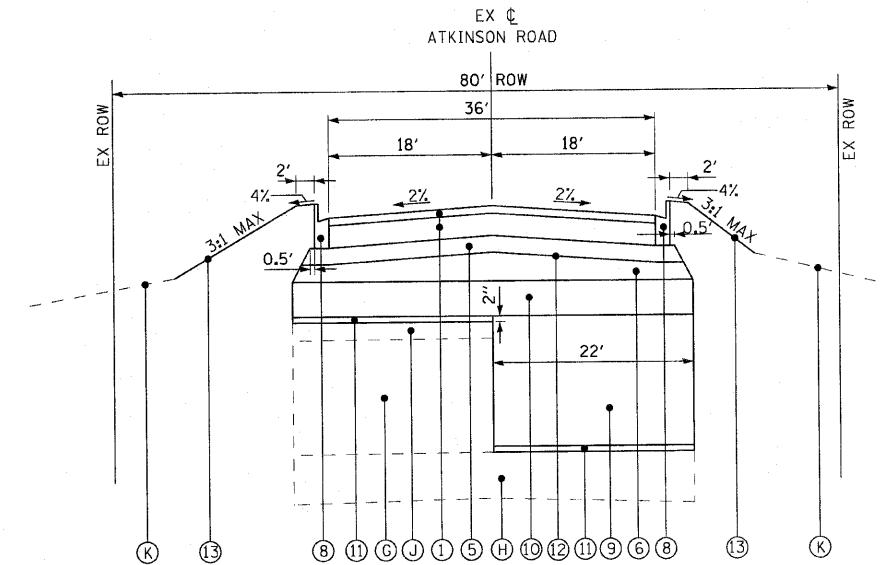


• STA. 47+70 TO STA. 59+30  
 STA. 77+15 TO STA. 82+10  
 \*\* INTERSECTION WIDENING  
 STA. 50+69 TO STA. 51+99  
 (SEE SHEET 14)

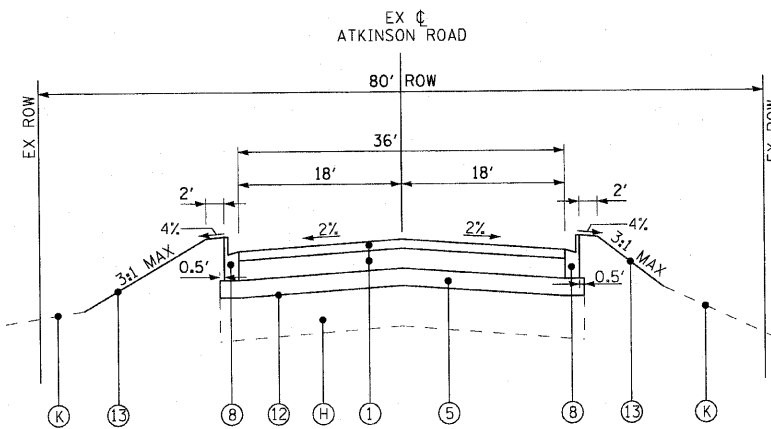
**ATKINSON ROAD  
 PROPOSED TYPICAL SECTION**  
 (STA. 47+70 TO STA. 60+20)  
 (STA. 65+25 TO STA. 82+10)



**ATKINSON ROAD  
 PROPOSED TYPICAL SECTION**  
 (STA. 61+00 TO STA. 62+00)  
 (STA. 64+50 TO STA. 65+00)



**ATKINSON ROAD  
 PROPOSED TYPICAL SECTION**  
 (STA. 62+00 TO STA. 64+50)



**ATKINSON ROAD  
 PROPOSED TYPICAL SECTION**  
 (STA. 60+20 TO STA. 61+00)  
 (STA. 65+00 TO STA. 65+25)

**NOTES:**

- POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.03 AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE THE CONTRACTOR.
- THE FINISHED HOT-MIX ASPHALT SURFACE COURSE SHALL BE CONSTRUCTED 1/4" ABOVE THE GUTTER FLAG.
- AS DETERMINED BY THE ENGINEER.
- THE PROPOSED LOWER LAYER OF EXPANDED POLYSTYRENE FILL ON THE EAST SIDE OF THE ROAD SHALL EXTEND FROM THE BOTTOM OF THE EXISTING EXPANDED POLYSTYRENE FILL TO 2" ABOVE THE EXISTING CONCRETE CAP ON THE WEST SIDE OF THE ROAD. ANY VARIATION IN THICKNESS OF THE EXISTING EXPANDED POLYSTYRENE FILL AND/OR CONCRETE CAP SHALL BE MATCHED IN THE PROPOSED LOWER LAYER OF EXPANDED POLYSTYRENE FILL.
- THE PROPOSED UPPER LAYER OF EXPANDED POLYSTYRENE FILL SHALL MATCH THE WIDTH OF THE EXISTING EXPANDED POLYSTYRENE FILL ON THE WEST SIDE OF THE ROAD PLUS THE WIDTH OF THE PROPOSED LOWER LAYER OF EXPANDED POLYSTYRENE ON THE EAST SIDE OF THE ROAD.
- THE STATIONING LIMITS OF THE UPPER LAYER OF EPS SHALL BE ADJUSTED IN THE FIELD TO MAINTAIN A 9-INCH MINIMUM THICKNESS OF SALVAGED AGGREGATE.

**EXISTING LEGEND**

- (A) HOT-MIX ASPHALT SURFACE COURSE, 1 1/2" +/-  
HOT-MIX ASPHALT BINDER COURSE, 8 1/2" +/-
- (B) HOT-MIX ASPHALT MULTI-USE PATH
- (C) AGGREGATE BASE COURSE, 4" +/-
- (D) AGGREGATE BASE COURSE, 12" TO 20" +/-
- (E) STOCKPILING SALVAGED AGGREGATE - 15" DEPTH
- (F) CONCRETE CURB AND GUTTER, TYPE B-6.12
- (G) EXPANDED POLYSTYRENE FILL, 30" TO 42" +/-
- (H) AGGREGATE FILL
- (J) CONCRETE CAP, 6" +/-
- (K) GROUND SURFACE
- (L) HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- (M) PULVERIZATION - 15" DEPTH
- (N) COMBINATION CURB AND GUTTER REMOVAL
- (O) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (AS DETERMINED BY THE ENGINEER)
- (P) AGGREGATE BASE COURSE REMOVAL (PAID AS EARTH EXCAVATION)
- (R) AGGREGATE FILL REMOVAL (PAID AS EARTH EXCAVATION)
- (/) ITEM TO BE REMOVED
- (X) ITEM TO BE STOCKPILED

**PROPOSED LEGEND**

- (1) HOT-MIX ASPHALT PAVEMENT - 10" (SEE NOTE 2)  
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 - 2"  
HOT-MIX ASPHALT BASE COURSE - 8" (IN 3 LIFTS)
- (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 - 1.5" (SEE NOTE 2)
- (3) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 3/4" (AVG)
- (4) CLASS D PATCHES, TYPE I - IV, 8" (SEE NOTE 3)
- (5) SUB-BASE GRANULAR MATERIAL TYPE B - 6"
- (6) SALVAGED AGGREGATE - 9" MIN (PAID AS STOCKPILING SALVAGED AGGREGATE)
- (7) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL AND POROUS GRANULAR EMBANKMENT, SUBGRADE (SEE NOTE 1)
- (8) CONCRETE CURB AND GUTTER TYPE B-6.12
- (9) EXPANDED POLYSTYRENE FILL - 36" TO 48" AND VARIES (SEE NOTE 4)
- (10) EXPANDED POLYSTYRENE FILL - 12" (SEE NOTES 5 AND 6)
- (11) SAND BEDDING - 2" (INCLUDED IN COST OF EXPANDED POLYSTYRENE FILL)
- (12) GEOSYNTHETIC REINFORCEMENT
- (13) TOPSOIL FURNISH AND PLACE - 4"  
SEEDING CLASS 2A, FERTILIZER  
EROSION CONTROL BLANKET
- (14) TOPSOIL FURNISH AND PLACE - 4"  
SEEDING CLASS 1A, FERTILIZER  
EROSION CONTROL BLANKET

COPYRIGHT © 2009 BY BAXTER, WOODMAN, INC. ALL RIGHTS RESERVED. PROJECT NO. 09-0058-00-RS. DRAWING NO. 0198. DATE: 4/27/10.



DESIGNED -	DJS	REVISED -	6-8-10 IDOT REVIEW
DRAWN -	UKB	REVISED -	
CHECKED -	RWL	REVISED -	
DATE -	4-27-10	FILE -	090772-TYP-SECT-2.dgn

**VILLAGE OF GRAYSLAKE, ILLINOIS  
 ATKINSON ROAD RESURFACING  
 AND RECONSTRUCTION IMPROVEMENTS**

**TYPICAL SECTIONS**

SCALE: NONE

STA. NONE TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0198	09-0058-00-RS	LAKE	46	10
				CONTRACT NO. 63498
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT: M-9003 (485)				