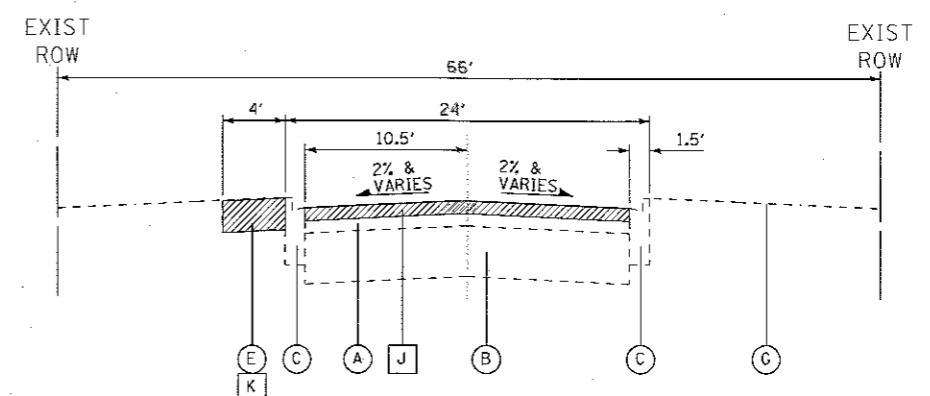
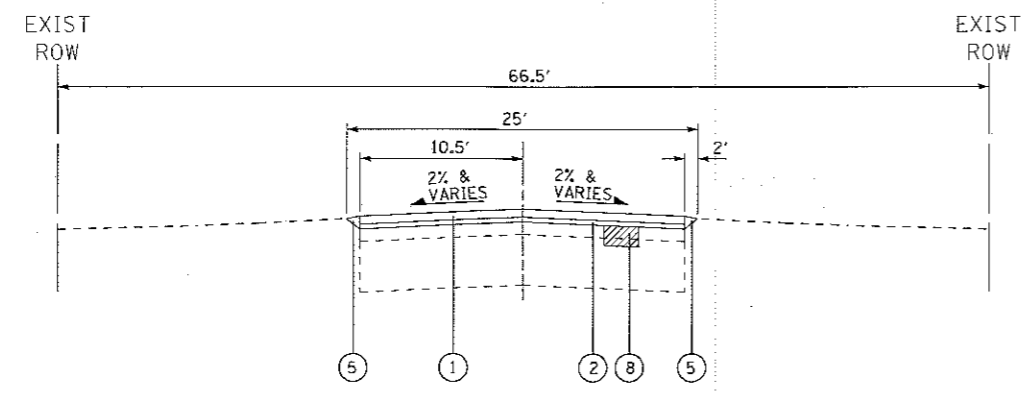


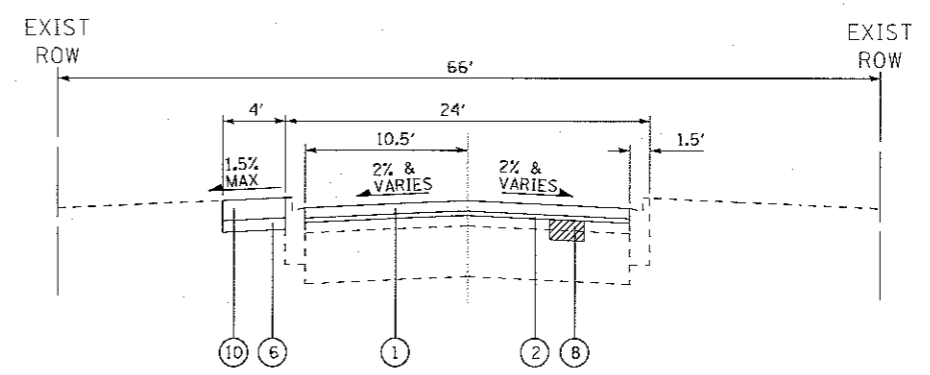
EXISTING TYPICAL SECTION
(STA 23+58 TO STA 24+69), MOFFETT ROAD



EXISTING TYPICAL SECTION
(STA 24+69 TO STA 34+79), MOFFETT ROAD



PROPOSED TYPICAL SECTION
(STA 23+58 TO STA 24+69), MOFFETT ROAD



PROPOSED TYPICAL SECTION
(STA 24+69 TO STA 34+79), MOFFETT ROAD

EXISTING LEGEND

- (A) EXISTING HOT-MIX ASPHALT SURFACE
- (B) EXISTING AGGREGATE BASE
- (C) EXISTING AGGREGATE SHOULDER
- (D) EXISTING CURB AND GUTTER
- (E) EXISTING SIDEWALK
- (F) EXISTING GUARDRAIL
- (G) GROUND SURFACE
- (H) COMBINATION CURB AND GUTTER REMOVAL
- (J) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- (K) SIDEWALK REMOVAL (LOCATIONS BY ENGINEER)
- ▨ ITEM TO BE REMOVED

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5mm) - 1 1/2"
- (2) LEVELING BINDER (MACHINE METHOD), N50 - 3/4"
- (3) STEEL PLATE BEAM GUARDRAIL, TYPE B, 9 FOOT POSTS
- (4) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12
- (5) AGGREGATE WEDGE SHOULDER, TYPE B
- (6) AGGREGATE BASE COURSE, TYPE B - 4"
- (7) TOPSOIL FURNISH AND PLACE - 4" SEEDING (SPECIAL) - SEE NOTE 1 HEAVY DUTY EROSION CONTROL BLANKET, SPECIAL
- (8) CLASS D PATCHES (LOCATIONS BY ENGINEER)
- (9) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- (10) PCC SIDEWALK - 5" (7" THRU DRIVEWAYS) (LOCATIONS BY ENGINEER)

NOTE 1: SEEDING (SPECIAL) AND HEAVY DUTY EROSION CONTROL BLANKET, SPECIAL FOR RAVINE SLOPE RESTORATION. ALL OTHER RESTORATION SHALL BE SODDING (SALT TOLERANT) IN ACCORDANCE WITH THE DISTRICT 1 DETAIL BD-24.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MILL BEFORE PATCHING

MIXTURE TYPE	AIR Voids @ Ndes
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 1 1/2"	3.5% @ 50 Gyr.
LEVELING BINDER (MACHINE METHOD), N50 (IL 9.5 mm); 3/4" MIN & VARIES	3.5% @ 50 Gyr.
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 3"	3.5% @ 50 Gyr.
PATCHING	
CLASS D PATCHES (HMA BINDER IL 19.0mm); 3", 6"	3.5% @ 50 Gyr.

NOTES:
 1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
 2. 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 OR VILLAGE OF LAKE BLUFF SPECIAL PROVISIONS.
 3. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-00121 - EXPIRES 4/30/2019
 5/2/2018 11:45:14 AM
 ...:\pilot\1\pilot-BW-Default.dgn
 ...:\CADD\Projects\160625_Pan.tbl
 ...:\corp\BaxterWoodman\Projects\160625-LKBY - Moffett Rd Resurf\ACADD\Sheet\Phase II\160625SHT-TypSec.dgn

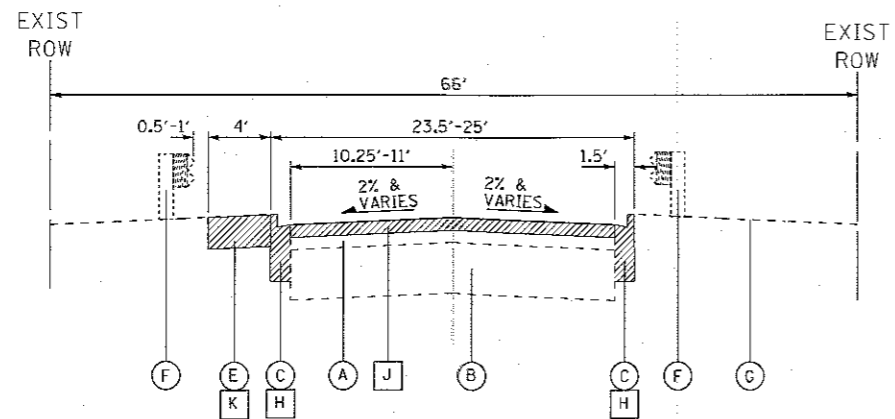
DESIGNED -	DJS	REVISED -	05-21-18
DRAWN -	KAR	REVISED -	
CHECKED -	DJS	REVISED -	
DATE -	03-05-18	FILE -	160625SHT-TypSec.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS AND HOT-MIX ASPHALT MIXTURE REQUIREMENTS

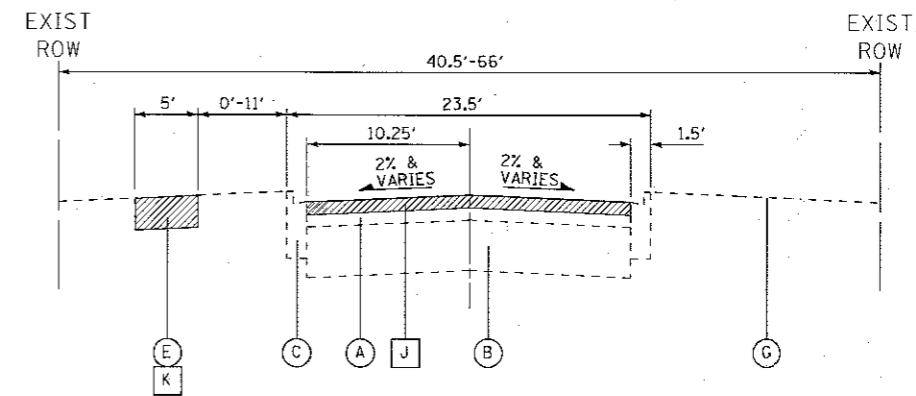
SCALE:	STA.	TO STA.	F.A.U. RTE. 2758	SECTION 16-00036-00-RS	COUNTY LAKE	TOTAL SHEETS 36	SHEET NO. 7
			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CONTRACT NO. 61E76				

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-00021 - EXPIRES 4/30/2019
 5/21/2018 10:53 AM
 \\corp.baxwood.com\projects\urysr\lake\kbf\160625-LKBP - Moffett Rd Resur\CADD\Sheets\Phase 1\160625SHT-TypSec.dgn



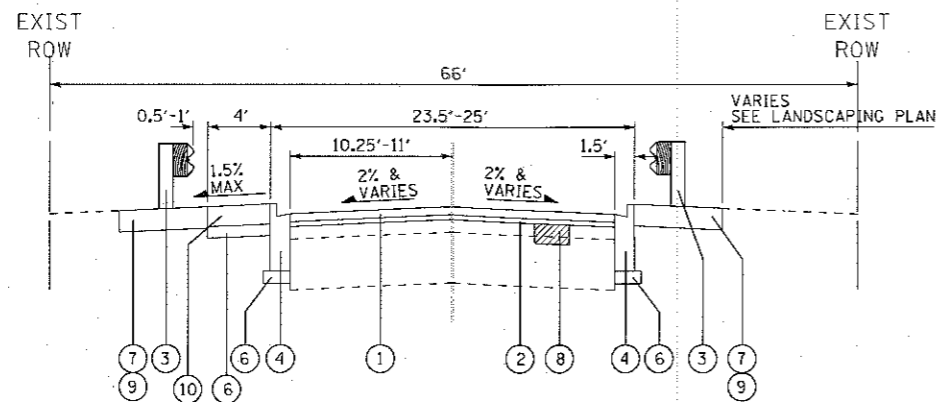
EXISTING TYPICAL SECTION

(STA 34+79 TO STA 37+68), MOFFETT ROAD



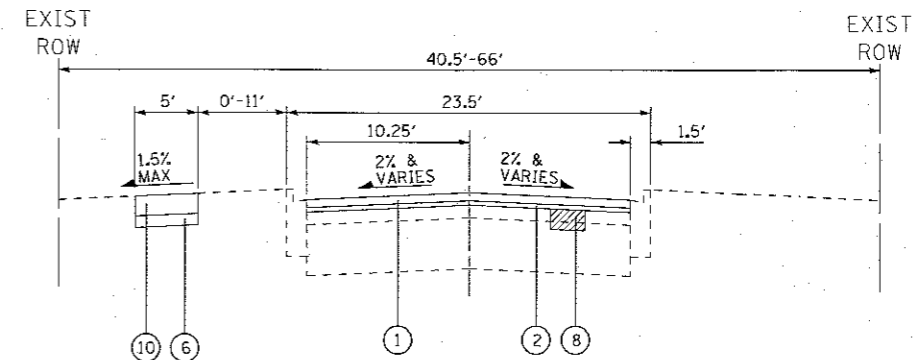
EXISTING TYPICAL SECTION

(STA 37+68 TO STA 51+38), MOFFETT ROAD



PROPOSED TYPICAL SECTION

(STA 34+79 TO STA 37+68), MOFFETT ROAD



PROPOSED TYPICAL SECTION

(STA 37+68 TO STA 51+38), MOFFETT ROAD

EXISTING LEGEND

- (A) EXISTING HOT-MIX ASPHALT SURFACE
- (B) EXISTING AGGREGATE BASE
- (C) EXISTING AGGREGATE SHOULDER
- (D) EXISTING CURB AND GUTTER
- (E) EXISTING SIDEWALK
- (F) EXISTING GUARDRAIL
- (G) GROUND SURFACE
- (H) COMBINATION CURB AND GUTTER REMOVAL
- (J) HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"
- (K) SIDEWALK REMOVAL (LOCATIONS BY ENGINEER)
- ▨ ITEM TO BE REMOVED

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5mm) - 1 1/2"
- (2) LEVELING BINDER (MACHINE METHOD), N50 - 3/4"
- (3) STEEL PLATE BEAM GUARDRAIL, TYPE B, 9 FOOT POSTS
- (4) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12
- (5) AGGREGATE WEDGE SHOULDER, TYPE B
- (6) AGGREGATE BASE COURSE, TYPE B - 4"
- (7) TOPSOIL FURNISH AND PLACE - 4"
- (8) SEEDING (SPECIAL) - SEE NOTE 1
- (9) HEAVY DUTY EROSION CONTROL BLANKET, SPECIAL
- (10) CLASS D PATCHES (LOCATIONS BY ENGINEER)
- (11) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- (12) PCC SIDEWALK - 5" (7" THRU DRIVEWAYS) (LOCATIONS BY ENGINEER)

NOTE 1: SEEDING (SPECIAL) AND HEAVY DUTY EROSION CONTROL BLANKET, SPECIAL FOR RAVINE SLOPE RESTORATION. ALL OTHER RESTORATION SHALL BE SODDING (SALT TOLERANT) IN ACCORDANCE WITH THE DISTRICT 1 DETAIL BD-24.



DESIGNED -	DJS	REVISED -	05-21-18
DRAWN -	KAR	REVISED -	
CHECKED -	DJS	REVISED -	
DATE -	03-05-18	FILE -	160625SHT-TypSec.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

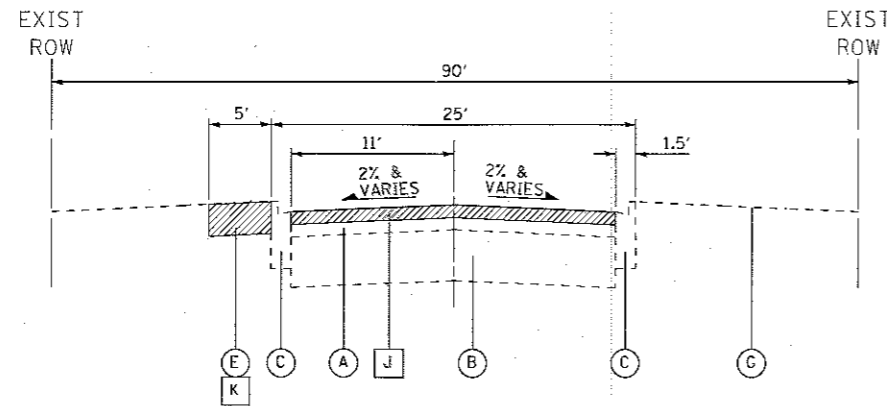
TYPICAL SECTIONS

SCALE:

STA. TO STA.

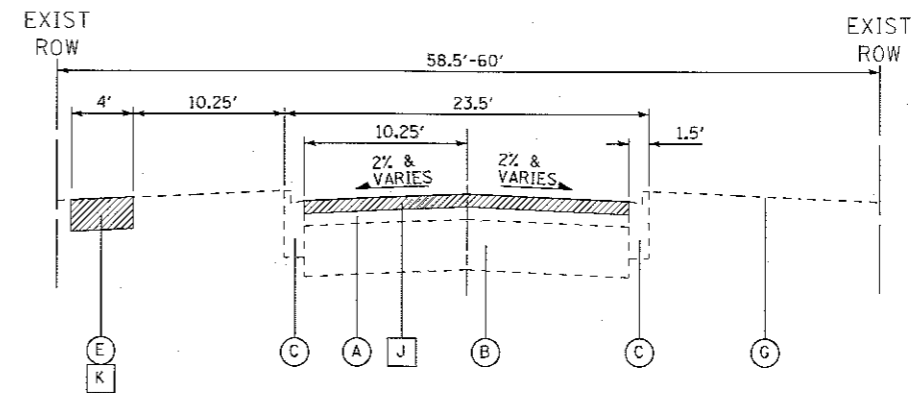
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
275B	16-00036-00-RS	LAKE	38	8
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E76	

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. 154-00021 - EXPIRES 4/30/2019
 5/27/2018 10:54 AM
 ...:\pilotry\pilotry-bw\Default.pit
 ...:\CAD\Drawings\160625_Per-fb
 ...:\corporate\woodman\projects\CrystalLake\160625-1KBFV - Moffett Rd Resurf\CAD\Sheets\Phase II\160625SH-TypSec.dgn



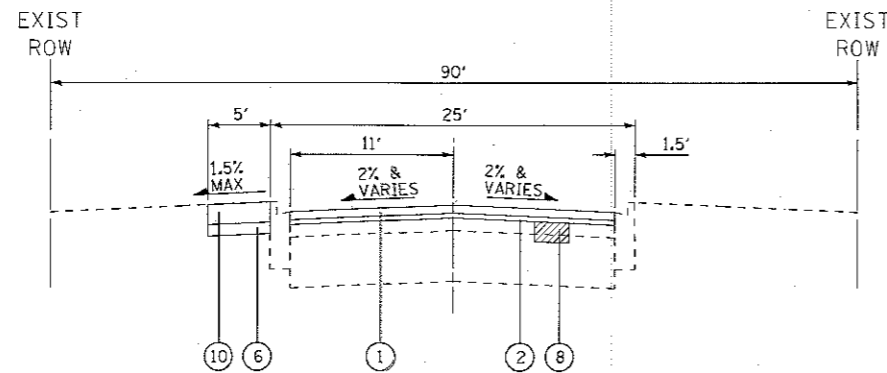
EXISTING TYPICAL SECTION

(STA 51+38 TO STA 51+75), MOFFETT ROAD
 (STA 53+29 TO STA 53+42), MOFFETT ROAD



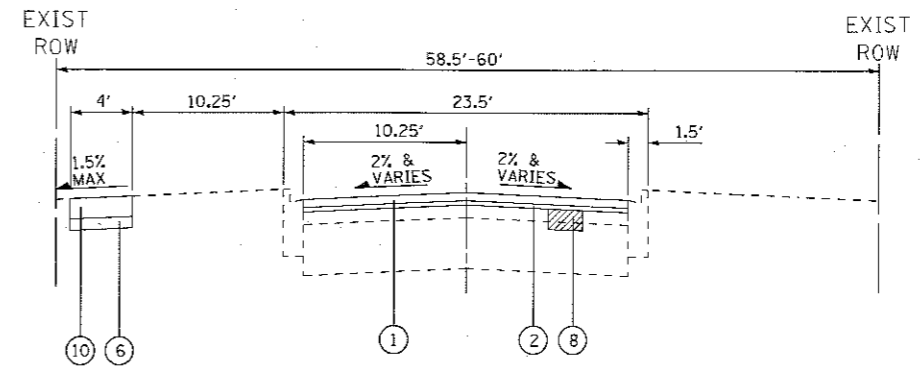
EXISTING TYPICAL SECTION

(STA 53+42 TO STA 59+33), MOFFETT ROAD



PROPOSED TYPICAL SECTION

(STA 51+38 TO STA 51+75), MOFFETT ROAD
 (STA 53+29 TO STA 53+42), MOFFETT ROAD



PROPOSED TYPICAL SECTION

(STA 53+42 TO STA 59+33), MOFFETT ROAD

EXISTING LEGEND

- (A) EXISTING HOT-MIX ASPHALT SURFACE
- (B) EXISTING AGGREGATE BASE
- (C) EXISTING AGGREGATE SHOULDER
- (D) EXISTING CURB AND GUTTER
- (E) EXISTING SIDEWALK
- (F) EXISTING GUARDRAIL
- (G) GROUND SURFACE
- (H) COMBINATION CURB AND GUTTER REMOVAL
- (J) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- (K) SIDEWALK REMOVAL (LOCATIONS BY ENGINEER)
- ▨ ITEM TO BE REMOVED

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5mm) - 1 1/2"
- (2) LEVELING BINDER (MACHINE METHOD), N50 - 3/4"
- (3) STEEL PLATE BEAM GUARDRAIL, TYPE B, 9 FOOT POSTS
- (4) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12
- (5) AGGREGATE WEDGE SHOULDER, TYPE B
- (6) AGGREGATE BASE COURSE, TYPE B - 4"
- (7) TOPSOIL FURNISH AND PLACE - 4"
- (8) SEEDING (SPECIAL) - SEE NOTE 1
- (9) HEAVY DUTY EROSION CONTROL BLANKET, SPECIAL
- (10) CLASS D PATCHES (LOCATIONS BY ENGINEER)
- (11) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- (12) PCC SIDEWALK - 5" (7" THRU DRIVEWAYS) (LOCATIONS BY ENGINEER)

NOTE 1: SEEDING (SPECIAL) AND HEAVY DUTY EROSION CONTROL BLANKET, SPECIAL FOR RAVINE SLOPE RESTORATION. ALL OTHER RESTORATION SHALL BE SODDING (SALT TOLERANT) IN ACCORDANCE WITH THE DISTRICT 1 DETAIL BD-24.

BAXTER WOODMAN
 Collaborating Engineers

DESIGNED -	DJS	REVISED -	05-21-18
DRAWN -	KAR	REVISED -	
CHECKED -	DJS	REVISED -	
DATE -	03-05-18	FILE -	160625SH-TypSec.dgn

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE:

STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2758	16-00036-00-R5	LAKE	38	9
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E76	