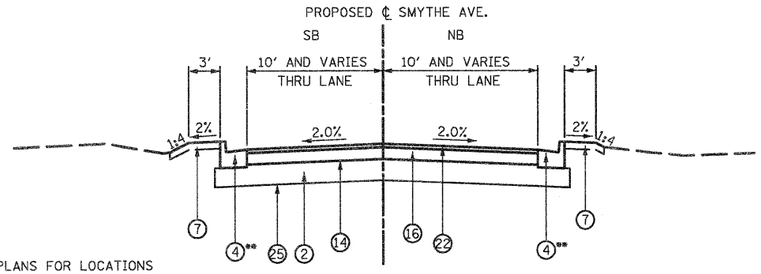
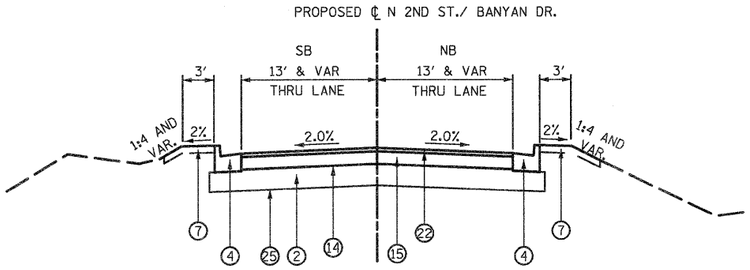
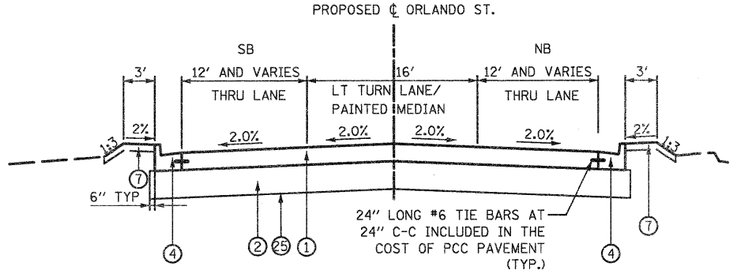


** SEE PLANS FOR LOCATIONS

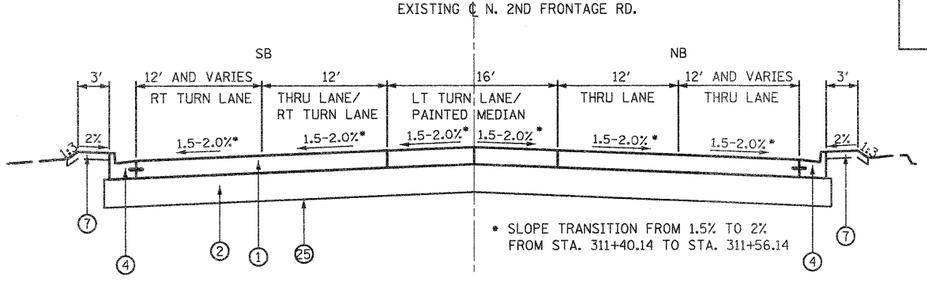
SMYTHE AVENUE PROPOSED TYPICAL SECTION
STA. 41+37.92 TO STA. 42+30.00
RUSS STREET PROPOSED TYPICAL SECTION
RECONSTRUCTION



N 2ND ST. PROPOSED TYPICAL SECTION
STA. 51+02.95 TO STA. 64+00.00
BANYAN DR. PROPOSED TYPICAL SECTION
STA. 10+00.00 TO STA. 12+11.20



ORLANDO ST. PROPOSED TYPICAL SECTION
STA. 77+50.00 TO STA. 78+91.69



N. 2ND FRONTAGE RD. PROPOSED TYPICAL SECTION
STA. 311+40.14 TO STA. 313+90.12

SMYTHE AVE. — FLEXIBLE PAVEMENT

STRUCTURAL DESIGN TRAFFIC:	YEAR 2021				
PV= 3445	SU= 295			MU= 60	
ROAD/STREET CLASSIFICATION:	CLASS III				
P= 50%	S= 50%			M= 50%	
TRAFFIC FACTOR: ACTUAL TF=	0.56		AC TYPE=	20	
MINIMUM TF=					
PG GRADE: BINDER=	PG 64-22	SURFACE=	PG 64-22		
SUBGRADE SUPPORT RATING:					
SSR= POOR	(STA. 41+37.92	TO	42+30.00)		
SSR=	(STA.	TO	)		

N 2ND ST/BAYAN DR. — FLEXIBLE PAVEMENT

STRUCTURAL DESIGN TRAFFIC:	YEAR 2021				
PV= 1320	SU= 115			MU= 15	
ROAD/STREET CLASSIFICATION:	CLASS III				
P= 50%	S= 50%			M= 50%	
TRAFFIC FACTOR: ACTUAL TF=	0.19		AC TYPE=	20	
MINIMUM TF=					
PG GRADE: BINDER=	PG 64-22	SURFACE=	PG 64-22		
SUBGRADE SUPPORT RATING:					
SSR= POOR (N 2ND ST)	(STA. 51+02.95	TO	64+00.00)		
SSR= POOR (BAYAN RD.)	(STA. 10+00.00	TO	12+11.20)		

ORLANDO ST/N 2ND FRONTAGE RD. — PCC PAVEMENT

STRUCTURAL DESIGN TRAFFIC:	YEAR 2021				
PV= 9230	SU= 440			MU= 80	
ROAD/STREET CLASSIFICATION:	CLASS I				
P= 50%	S= 50%			M= 50%	
TRAFFIC FACTOR: ACTUAL TF=	1.03		AC TYPE=	N/A	
MINIMUM TF=					
PG GRADE: BINDER=		SURFACE=			
SUBGRADE SUPPORT RATING:					
SSR= POOR (ORLANDO ST)	(STA. 77+50.00	TO	78+91.69)		
SSR= POOR (N 2ND FRONTAGE RD)	(STA. 311+40.14	TO	313+90.12)		

NOTE:
SEE GENERAL NOTES SHEETS FOR HMA PAVEMENT REQUIREMENTS.

PROPOSED LEGEND:

1. PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED), SEE TABLE THIS SHEET FOR THICKNESS
2. SUB-BASE GRANULAR MATERIAL, TYPE A, 12″
3. HOT-MIX ASPHALT MEDIAN WITH PAVEMENT COLOR AND TEXTURE (SPECIAL)
4. COMBINATION CONCRETE CURB AND GUTTER B-6.24
5. COMBINATION CONCRETE CURB AND GUTTER B-6.12
6. PORTLAND CEMENT CONCRETE SHOULDER, 9.5″
7. TOPSOIL FURNISH AND PLACE, 4″
8. CORRUGATED MEDIAN
9. COMBINATION CONCRETE CURB AND GUTTER B-6.18
10. COMBINATION CONCRETE CURB AND GUTTER B-6.06
11. CONCRETE MEDIAN, TYPE SB-6.06
12. 2″ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX ″E″ N70
13. 10.75″ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
14. BITUMINOUS MATERIAL (PRIME COAT)
15. 4.75″ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50
16. 6.5″ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50
17. #6 TIE BARS (FOR MORE INFO SEE GENERAL NOTES SHEETS)
18. PORTLAND CEMENT CONCRETE BASE COURSE, 10″
19. HOT-MIX ASPHALT SURFACE REMOVAL, 2.25″
20. 1.5″ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX ″E″, N70
21. 0.75″ POLYMERIZED LEVELING BINDER (MACHINE METHOD), N70
22. 2″ HOT-MIX ASPHALT SURFACE COURSE, MIX ″C″ N50
23. SUB-BASE GRANULAR MATERIAL, TYPE A, 21″ (STA. 993+00 TO STA. 1002+50 AND STA. 1021+50 TO STA. 1022+20.19)
24. POLYMERIZED BITUMINOUS MATERIAL (PRIME COAT)
25. GEOTECHNICAL REINFORCEMENT

PCC PAVEMENT THICKNESS TABLE

ROADWAY	THICKNESS
RALSTON RD /IL 173	9.5″
IL 251	9.5″
ALPINE RD	9.5″
ORLANDO ST/N 2ND FRONTAGE RD	8.25″

FILE NAME = D264987-sht-typical-PR04.dgn	USER NAME = 3202090971	DESIGNED - LOM	REVISED -
		DRAWN - MD	REVISED -
	PLOT SCALE = NTS	CHECKED - PDK	REVISED -
	PLOT DATE = 1/18/2011	DATE - 01-19-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS
SMYTHE AVE\N. 2ND ST\BANYAN DR\ORLANDO ST\N. 2ND FRONTAGE RD
SCALE: NTS | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	21
		CONTRACT NO. 64987		
FED. ROAD DIST. NO. 2	ILLINOIS	FED. AID PROJECT		