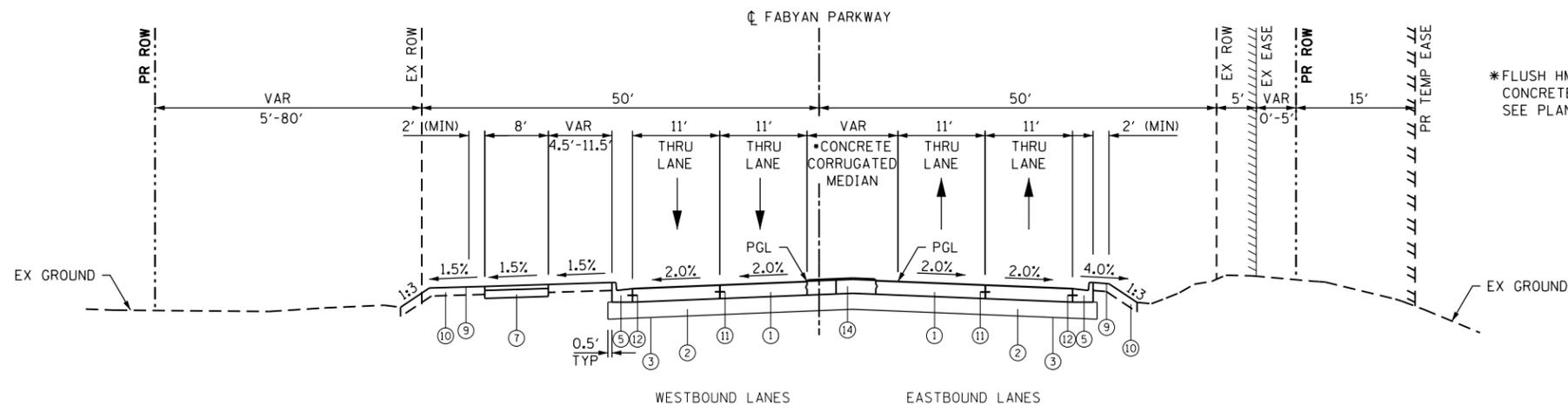


PROPOSED FABYAN PARKWAY – WEST LEG

STA 53+85.00 TO STA 56+00.00
 *PROPOSED 11' LANES WILL TIE INTO EXISTING 12' LANES AT STA 53+85



PROPOSED FABYAN PARKWAY – WEST LEG

STA 56+00.00 TO STA 61+88.85

*FLUSH HMA PAVED MEDIAN FROM 56+00.00 TO 57+00.00
 CONCRETE CORRUGATED MEDIAN FROM 57+00.00 TO 61+88.85
 SEE PLAN AND PROFILES FOR MORE INFORMATION

NOTES

1. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION IS PLACED BENEATH AGGREGATE SUBGRADE IMPROVEMENT 12", EXCEPT IN THE AREA OF LONGITUDINAL PIPE UNDERDRAINS WHERE IT IS LIMITED TO THE EDGE OF PAVEMENT.
2. SEE CROSS SECTIONS FOR GRADING INFORMATION.
3. SEE DRAINAGE PLAN AND PROFILES FOR REVERSE PITCHED GUTTER LOCATIONS.
4. SEE LANDSCAPING PLANS FOR SEEDING AND SODDING INFORMATION.
5. SEE PLAT OF HIGHWAYS FOR RIGHT-OF-WAY INFORMATION.

STRUCTURAL DESIGN TRAFFIC	YEAR:	2026
PV = 35,216	SU = 1,467	MU = 1,931
ROAD STREET CLASSIFICATION:	CLASS	I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
PV = 32%	SU = 45%	MU = 45%
TRAFFIC FACTOR:	ACTUAL TF 14.03	AC TYPE =
	MINIMUM TF 5.02	
AC GRADE:	BINDER = N/A	SURFACE = N/A
SUBGRADE SUPPORT RATING:	SSR = POOR	STA _____ TO STA _____

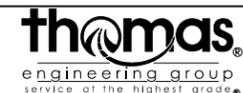
PROPOSED LEGEND:

- ① PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED), 10 1/4"
- ② AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ③ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ④ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- ⑤ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑥ CONCRETE BARRIER MEDIAN
- ⑦ SHARED-USE PATH
 - Ⓐ HMA SURFACE COURSE, MIX "D", N50, 3"
 - Ⓑ BITUMINOUS MATERIALS (PRIME COAT)
 - Ⓒ AGGREGATE BASE COURSE TYPE B, 6"
- ⑧ SEEDING AND FERTILIZER
- ⑩ TOPSOIL EXCAVATION AND PLACEMENT

- ⑪ LONGITUDINAL JOINT TIE BAR PER STANDARDS 420001, 420101, 420106 (TO BE INCLUDED IN THE COST OF PROPOSED PAVEMENT)
- ⑫ LONGITUDINAL JOINT TIE BAR PER STANDARDS 420001 AND 606001 (TO BE INCLUDED IN THE COST OF PROPOSED CURB AND GUTTER)

- ⑬ PIPE UNDERDRAINS, TYPE 2, 6"
- ⑭ CORRUGATED MEDIAN
- ⑮ POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 2"
- ⑯ HMA PAVEMENT (FULL DEPTH), 12 1/4"
 - Ⓐ POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 2"
 - Ⓑ POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 2 1/4"
 - Ⓒ HMA BINDER COURSE, IL-19.0, N90, 8"

FILE NAME = sht-typical.dgn

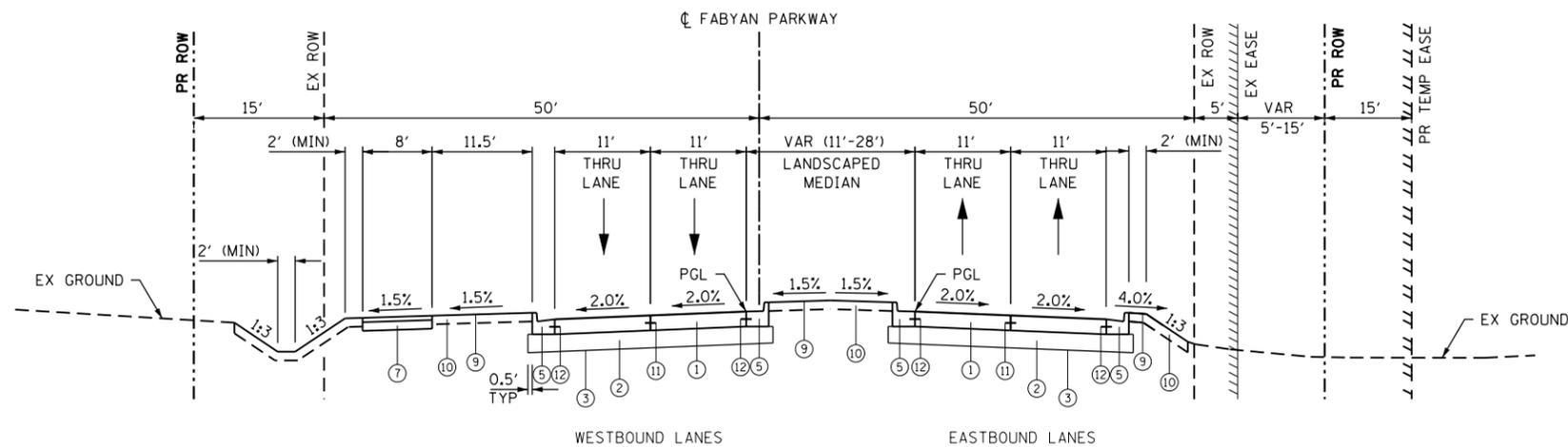


USER NAME = TEG	DESIGNED - VJM	REVISED - 12/20/2018 VJM
	DRAWN - JBH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - BLP	REVISED -
PLOT DATE = 12/20/2018	DATE - 12/20/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

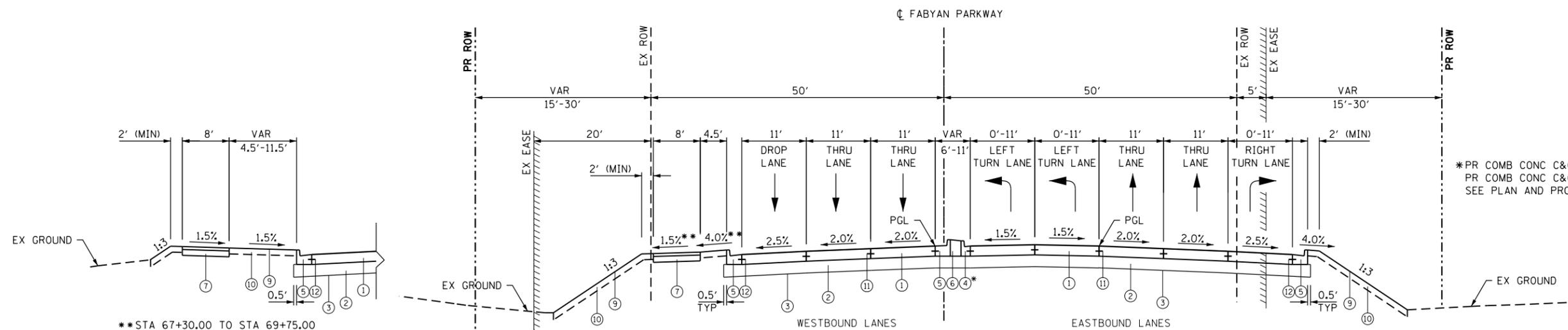
TYPICAL SECTIONS	
PROPOSED FABYAN PARKWAY	
SCALE: NTS	SHEET 4 OF 11 SHEETS
STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
363/360	11-00201-04-CH	KANE	410	23
CONTRACT NO. 61E97				
ILLINOIS FED. AID PROJECT				



PROPOSED FABYAN PARKWAY – WEST LEG

STA 61+88.85 TO STA 67+30.00



PROPOSED FABYAN PARKWAY – WEST LEG

STA 67+30.00 TO STA 74+30.00

* PR COMB CONC C&G B-6.24 FROM STA 67+30.00 TO 70+30.00
 PR COMB CONC C&G B-6.12 FROM STA 70+30.00 TO 74+30.00
 SEE PLAN AND PROFILES FOR MORE INFORMATION

NOTES

1. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION IS PLACED BENEATH AGGREGATE SUBGRADE IMPROVEMENT 12", EXCEPT IN THE AREA OF LONGITUDINAL PIPE UNDERDRAINS WHERE IT IS LIMITED TO THE EDGE OF PAVEMENT.
2. SEE CROSS SECTIONS FOR GRADING INFORMATION.
3. SEE DRAINAGE PLAN AND PROFILES FOR REVERSE PITCHED GUTTER LOCATIONS.
4. SEE LANDSCAPING PLANS FOR SEEDING AND SODDING INFORMATION.
5. SEE PLAT OF HIGHWAYS FOR RIGHT-OF-WAY INFORMATION.

STRUCTURAL DESIGN TRAFFIC	YEAR:	2026
PV = 35,216	SU = 1,467	MU = 1,931
ROAD STREET CLASSIFICATION:	CLASS	I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
PV = 32%	SU = 45%	MU = 45%
TRAFFIC FACTOR:	ACTUAL TF 14.03	AC TYPE =
	MINIMUM TF 5.02	
AC GRADE:	BINDER = N/A	SURFACE = N/A
SUBGRADE SUPPORT RATING:	SSR = POOR	STA _____ TO STA _____

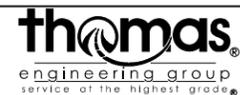
PROPOSED LEGEND:

- ① PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED), 10 1/4"
- ② AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ③ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ④ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- ⑤ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑥ CONCRETE BARRIER MEDIAN
- ⑦ SHARED-USE PATH
 - Ⓐ HMA SURFACE COURSE, MIX "D", N50, 3"
 - Ⓑ BITUMINOUS MATERIALS (PRIME COAT)
 - Ⓒ AGGREGATE BASE COURSE TYPE B, 6"
- ⑨ SEEDING AND FERTILIZER
- ⑩ TOPSOIL EXCAVATION AND PLACEMENT

- ⑪ LONGITUDINAL JOINT TIE BAR PER STANDARDS 420001, 420101, 420106 (TO BE INCLUDED IN THE COST OF PROPOSED PAVEMENT)
- ⑫ LONGITUDINAL JOINT TIE BAR PER STANDARDS 420001 AND 606001 (TO BE INCLUDED IN THE COST OF PROPOSED CURB AND GUTTER)

- ⑬ PIPE UNDERDRAINS, TYPE 2, 6"
- ⑭ CORRUGATED MEDIAN
- ⑮ POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 2"
- ⑯ HMA PAVEMENT (FULL DEPTH), 12 1/4"
 - Ⓐ POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 2"
 - Ⓑ POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 2 1/4"
 - Ⓒ HMA BINDER COURSE, IL-19.0, N90, 8"

FILE NAME = sht-typical.dgn



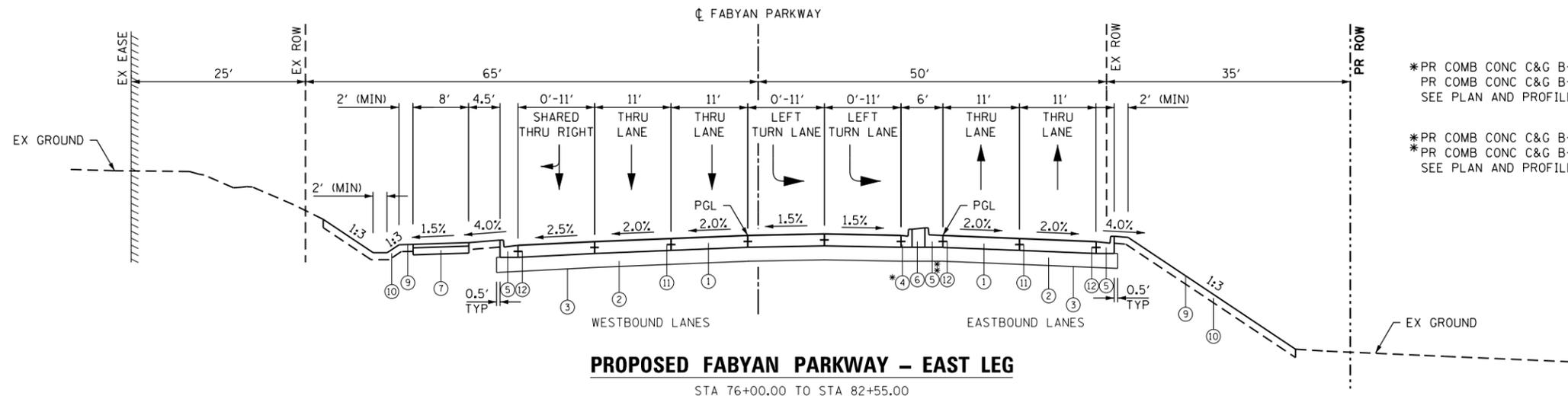
USER NAME = TEG	DESIGNED - VJM	REVISED - 12/20/2018 VJM
	DRAWN - JBH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - BLP	REVISED -
PLOT DATE = 12/20/2018	DATE - 12/20/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
PROPOSED FABYAN PARKWAY

SCALE: NTS SHEET 5 OF 11 SHEETS STA. TO STA.

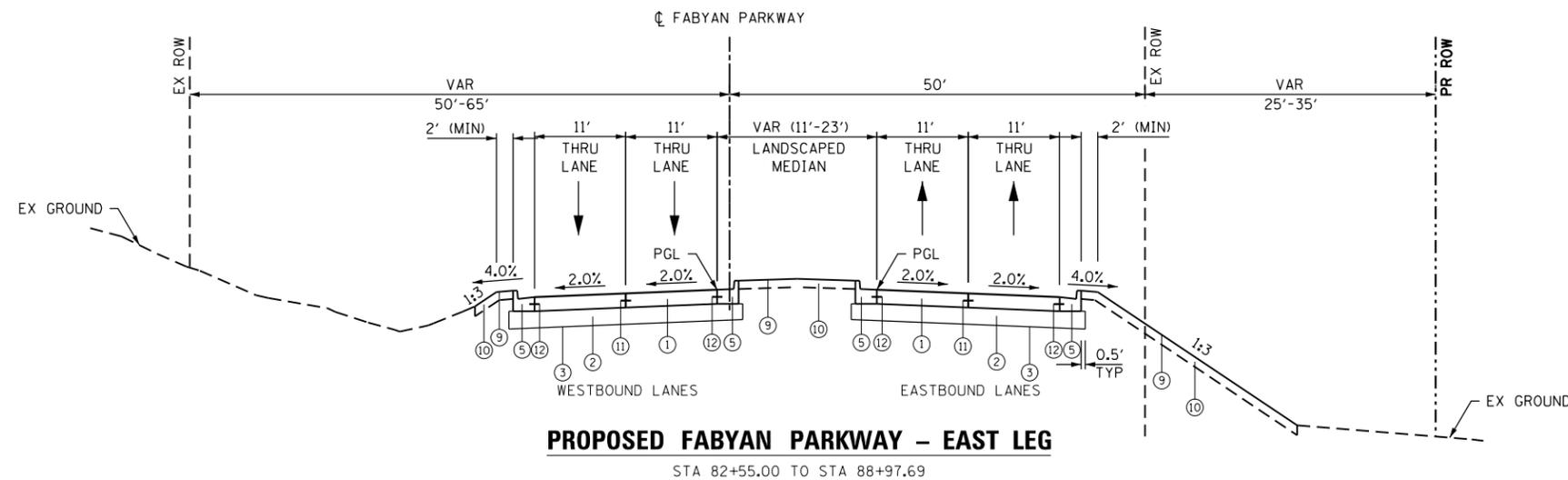
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
363/360	11-00201-04-CH	KANE	410	24
CONTRACT NO. 61E97				
ILLINOIS FED. AID PROJECT				



*PR COMB CONC C&G B-6.24 FROM STA 78+60.00 TO 81+90.00
 PR COMB CONC C&G B-6.12 FROM STA 76+00.00 TO 78+60.00
 SEE PLAN AND PROFILES FOR MORE INFORMATION

*PR COMB CONC C&G B-6.24 FROM STA 76+00.00 TO 78+60.00
 *PR COMB CONC C&G B-6.12 FROM 78+60.00 TO 81+90.00
 SEE PLAN AND PROFILES FOR MORE INFORMATION

PROPOSED FABYAN PARKWAY – EAST LEG
 STA 76+00.00 TO STA 82+55.00



PROPOSED FABYAN PARKWAY – EAST LEG
 STA 82+55.00 TO STA 88+97.69

NOTES

1. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION IS PLACED BENEATH AGGREGATE SUBGRADE IMPROVEMENT 12", EXCEPT IN THE AREA OF LONGITUDINAL PIPE UNDERDRAINS WHERE IT IS LIMITED TO THE EDGE OF PAVEMENT.
2. SEE CROSS SECTIONS FOR GRADING INFORMATION.
3. SEE DRAINAGE PLAN AND PROFILES FOR REVERSE PITCHED GUTTER LOCATIONS.
4. SEE LANDSCAPING PLANS FOR SEEDING AND SODDING INFORMATION.
5. SEE PLAT OF HIGHWAYS FOR RIGHT-OF-WAY INFORMATION.

STRUCTURAL DESIGN TRAFFIC	YEAR:	2026
PV = 35,216	SU = 1,467	MU = 1,931
ROAD STREET CLASSIFICATION:	CLASS	I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
PV = 32%	SU = 45%	MU = 45%
TRAFFIC FACTOR:	ACTUAL TF	14.03
	MINIMUM TF	5.02
AC GRADE:	BINDER = N/A	SURFACE = N/A
SUBGRADE SUPPORT RATING:	SSR = POOR	STA _____ TO STA _____

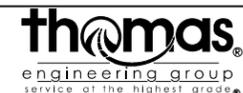
PROPOSED LEGEND:

- ① PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED), 10 1/4"
- ② AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ③ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ④ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- ⑤ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑥ CONCRETE BARRIER MEDIAN
- ⑦ SHARED-USE PATH
 - Ⓐ HMA SURFACE COURSE, MIX "D", N50, 3"
 - Ⓑ BITUMINOUS MATERIALS (PRIME COAT)
 - Ⓒ AGGREGATE BASE COURSE TYPE B, 6"
- ⑧ SEEDING AND FERTILIZER
- ⑩ TOPSOIL EXCAVATION AND PLACEMENT

- ⑪ LONGITUDINAL JOINT TIE BAR PER STANDARDS 420001, 420101, 420106 (TO BE INCLUDED IN THE COST OF PROPOSED PAVEMENT)
- ⑫ LONGITUDINAL JOINT TIE BAR PER STANDARDS 420001 AND 606001 (TO BE INCLUDED IN THE COST OF PROPOSED CURB AND GUTTER)

- ⑬ PIPE UNDERDRAINS, TYPE 2, 6"
- ⑭ CORRUGATED MEDIAN
- ⑮ POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 2"
- ⑯ HMA PAVEMENT (FULL DEPTH), 12 1/4"
 - Ⓐ POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 2"
 - Ⓑ POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 2 1/4"
 - Ⓒ HMA BINDER COURSE, IL-19.0, N90, 8"

FILE NAME = sht-typical.dgn



USER NAME = TEG	DESIGNED - VJM	REVISED - 12/20/2018 VJM
	DRAWN - JBH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - BLP	REVISED -
PLOT DATE = 12/20/2018	DATE - 12/20/2018	REVISED -

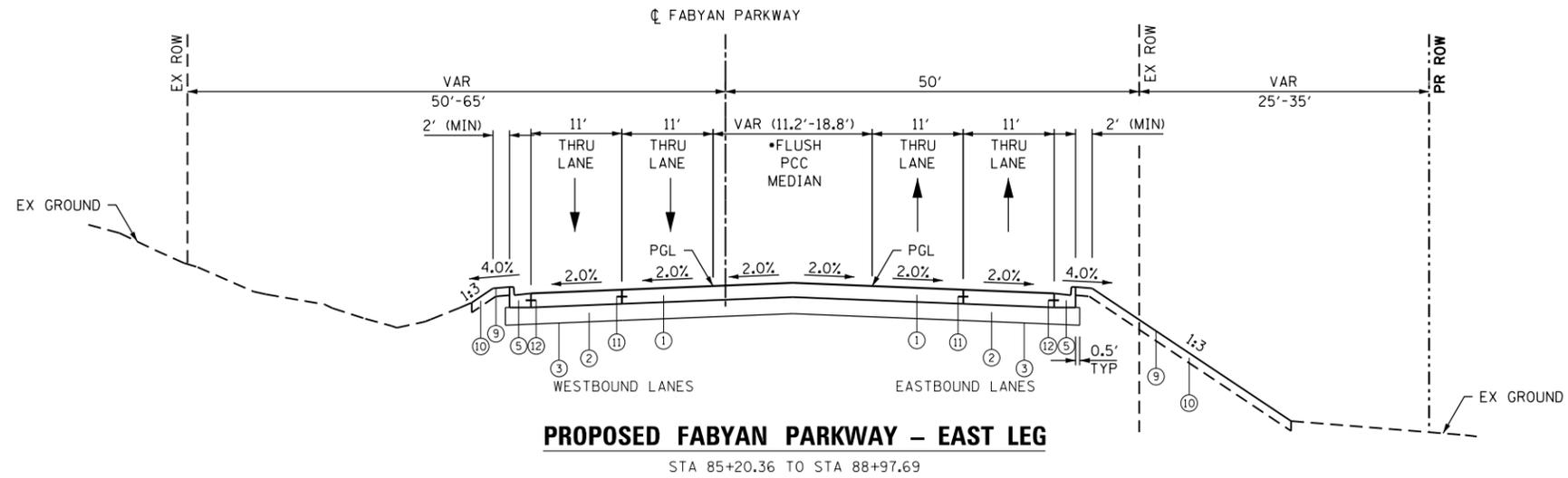
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
 PROPOSED FABYAN PARKWAY

SCALE: NTS SHEET 6 OF 11 SHEETS STA. TO STA.

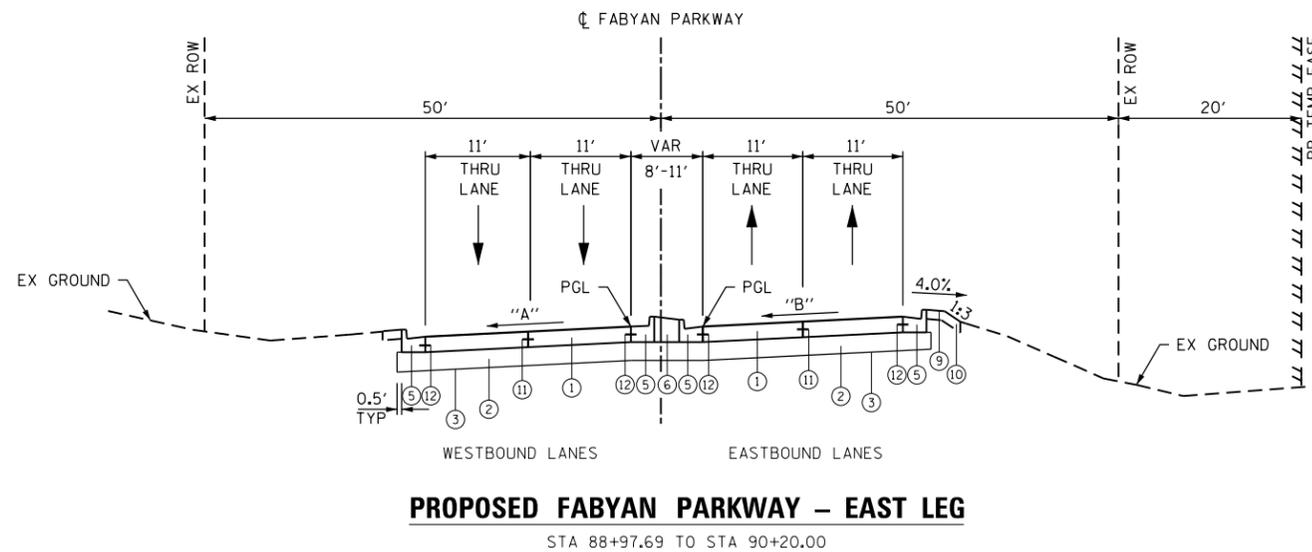
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
363/360	11-00201-04-CH	KANE	410	25
CONTRACT NO. 61E97				
ILLINOIS FED. AID PROJECT				

*FLUSH PCC MEDIAN FROM 85+20.36 TO 87+00.35
 LANDSCAPED MEDIAN FROM 87+00.35 TO 88+97.69
 SEE PLAN AND PROFILES FOR MORE INFORMATION



FABYAN PARKWAY - SUPERELEVATION CROSS SLOPES

PROPOSED FABYAN PARKWAY	CROSS SLOPE "A"	CROSS SLOPE "B"
STA 88+97.69 TO STA 90+35	-2.00%	-2.00%
STA 90+35 TO STA 90+82	-2.00%	-2.00% TO 0.00%
STA 90+82 TO STA 91+29	-2.00%	0.00% TO +2.00%
STA 91+29 TO STA 91+57	-2.00% TO -2.59%	+2.00% TO +2.49%
STA 91+57 TO STA 91+95	-2.59 TO -2.87%	+2.49%
STA 91+95 TO STA 92+20	-2.87% TO MATCH EX	+2.49% TO MATCH EX



NOTES

1. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION IS PLACED BENEATH AGGREGATE SUBGRADE IMPROVEMENT 12", EXCEPT IN THE AREA OF LONGITUDINAL PIPE UNDERDRAINS WHERE IT IS LIMITED TO THE EDGE OF PAVEMENT.
2. SEE CROSS SECTIONS FOR GRADING INFORMATION.
3. SEE DRAINAGE PLAN AND PROFILES FOR REVERSE PITCHED GUTTER LOCATIONS.
4. SEE LANDSCAPING PLANS FOR SEEDING AND SODDING INFORMATION.
5. SEE PLAT OF HIGHWAYS FOR RIGHT-OF-WAY INFORMATION.

STRUCTURAL DESIGN TRAFFIC	YEAR:	2026
PV = 35,216	SU = 1,467	MU = 1,931
ROAD STREET CLASSIFICATION:	CLASS	I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
PV = 32%	SU = 45%	MU = 45%
TRAFFIC FACTOR:	ACTUAL TF 14.03	AC TYPE =
	MINIMUM TF 5.02	
AC GRADE:	BINDER = N/A	SURFACE = N/A
SUBGRADE SUPPORT RATING:	SSR = POOR	STA _____ TO STA _____

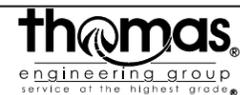
PROPOSED LEGEND:

- 1 PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED), 10 1/4"
- 2 AGGREGATE SUBGRADE IMPROVEMENT, 12"
- 3 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- 4 COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- 5 COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- 6 CONCRETE BARRIER MEDIAN
- 7 SHARED-USE PATH
 - (A) HMA SURFACE COURSE, MIX "D", N50, 3"
 - (B) BITUMINOUS MATERIALS (PRIME COAT)
 - (C) AGGREGATE BASE COURSE TYPE B, 6"
- 9 SEEDING AND FERTILIZER
- 10 TOPSOIL EXCAVATION AND PLACEMENT

- 11 LONGITUDINAL JOINT TIE BAR PER STANDARDS 420001, 420101, 420106 (TO BE INCLUDED IN THE COST OF PROPOSED PAVEMENT)
- 12 LONGITUDINAL JOINT TIE BAR PER STANDARDS 420001 AND 606001 (TO BE INCLUDED IN THE COST OF PROPOSED CURB AND GUTTER)

- 13 PIPE UNDERDRAINS, TYPE 2, 6"
- 14 CORRUGATED MEDIAN
- 15 POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 2"
- 16 HMA PAVEMENT (FULL DEPTH), 12 1/4"
 - (A) POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 2"
 - (B) POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 2 1/4"
 - (C) HMA BINDER COURSE, IL-19.0, N90, 8"

FILE NAME = sht-typical.dgn



USER NAME = TEG	DESIGNED - VJM	REVISED - 12/20/2018 VJM
	DRAWN - JBH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - BLP	REVISED -
PLOT DATE = 12/20/2018	DATE - 12/20/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

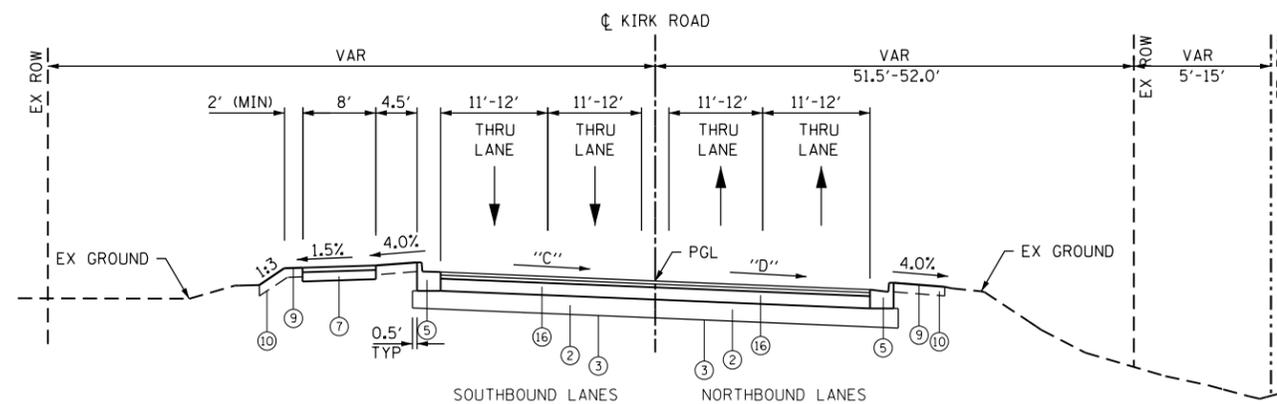
TYPICAL SECTIONS	
PROPOSED FABYAN PARKWAY	
SCALE: NTS	SHEET 7 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
363/360	11-00201-04-CH	KANE	410	26
CONTRACT NO. 61E97				
ILLINOIS FED. AID PROJECT				

KIRK ROAD – SUPERELEVATION CROSS SLOPES

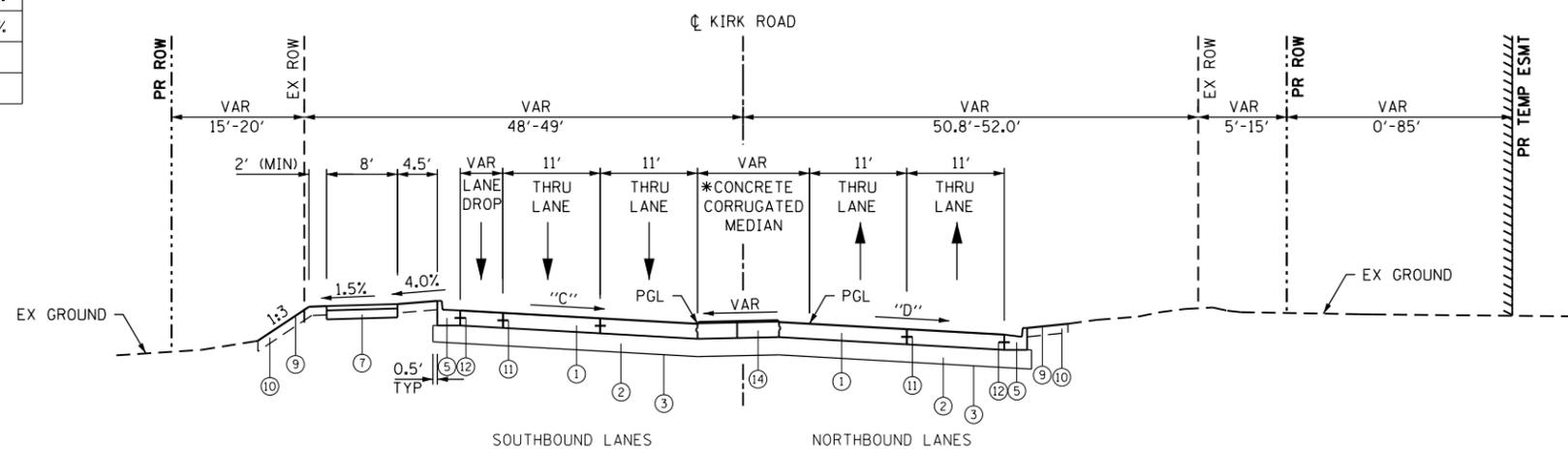
PROPOSED KIRK ROAD	CROSS SLOPE "C"	CROSS SLOPE "D"
STA 217+00 TO STA 217+11	-2.00%	-2.00%
STA 217+11 TO STA 217+79	-2.00% TO 0.00%	-2.00%
STA 217+79 TO STA 218+47	0.00% TO +2.00%	-2.00%
STA 218+47 TO STA 218+61	+2.00% TO +2.20%	-2.00% TO -2.20%
STA 218+61 TO STA 219+02	+2.20% TO +2.80%	-2.20% TO -2.80%
STA 219+02 TO STA 224+97	+2.80%	-2.80%
STA 224+97 TO STA 225+38	+2.80% TO +2.20%	-2.80% TO -2.20%
STA 225+38 TO STA 225+52	+2.20% TO +2.00%	-2.20% TO -2.00%
STA 225+52 TO STA 226+20	+2.00% TO 0.00%	-2.00%
STA 226+20 TO STA 226+88	0.00% TO -2.00%	-2.00%

*SEE DETAIL FOR LIMITS OF THE PROPOSED PCC CORRUGATED MEDIAN



PROPOSED KIRK ROAD – SOUTH LEG

STA 217+00.00 TO STA 219+95.00



PROPOSED KIRK ROAD – SOUTH LEG

STA 219+95.00 TO STA 223+25.29

NOTES

1. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION IS PLACED BENEATH AGGREGATE SUBGRADE IMPROVEMENT 12", EXCEPT IN THE AREA OF LONGITUDINAL PIPE UNDERDRAINS WHERE IT IS LIMITED TO THE EDGE OF PAVEMENT.
2. SEE CROSS SECTIONS FOR GRADING INFORMATION.
3. SEE DRAINAGE PLAN AND PROFILES FOR REVERSE PITCHED GUTTER LOCATIONS.
4. SEE LANDSCAPING PLANS FOR SEEDING AND SODDING INFORMATION.
5. SEE PLAT OF HIGHWAYS FOR RIGHT-OF-WAY INFORMATION.

STRUCTURAL DESIGN TRAFFIC	YEAR:	2026
PV = 35,216	SU = 1,467	MU = 1,931
ROAD STREET CLASSIFICATION:	CLASS	I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
PV = 32%	SU = 45%	MU = 45%
TRAFFIC FACTOR:	ACTUAL TF 14.03	AC TYPE =
	MINIMUM TF 5.02	
AC GRADE:	BINDER = N/A	SURFACE = N/A
SUBGRADE SUPPORT RATING:	SSR = POOR	STA _____ TO STA _____

PROPOSED LEGEND:

- 1 PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED), 10 1/4"
- 2 AGGREGATE SUBGRADE IMPROVEMENT, 12"
- 3 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- 4 COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- 5 COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- 6 CONCRETE BARRIER MEDIAN
- 7 SHARED-USE PATH
 - (A) HMA SURFACE COURSE, MIX "D", N50, 3"
 - (B) BITUMINOUS MATERIALS (PRIME COAT)
 - (C) AGGREGATE BASE COURSE TYPE B, 6"
- 9 SEEDING AND FERTILIZER
- 10 TOPSOIL EXCAVATION AND PLACEMENT

- 11 LONGITUDINAL JOINT TIE BAR PER STANDARDS 420001, 420101, 420106 (TO BE INCLUDED IN THE COST OF PROPOSED PAVEMENT)
- 12 LONGITUDINAL JOINT TIE BAR PER STANDARDS 420001 AND 606001 (TO BE INCLUDED IN THE COST OF PROPOSED CURB AND GUTTER)

- 13 PIPE UNDERDRAINS, TYPE 2, 6"
- 14 CORRUGATED MEDIAN
- 15 POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 2"
- 16 HMA PAVEMENT (FULL DEPTH), 12 1/4"
 - (A) POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 2"
 - (B) POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 2 1/4"
 - (C) HMA BINDER COURSE, IL-19.0, N90, 8"

FILE NAME = sht-typical.dgn



USER NAME = TEG	DESIGNED - VJM	REVISED - 12/20/2018 VJM
	DRAWN - JBH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - BLP	REVISED -
PLOT DATE = 12/20/2018	DATE - 12/20/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

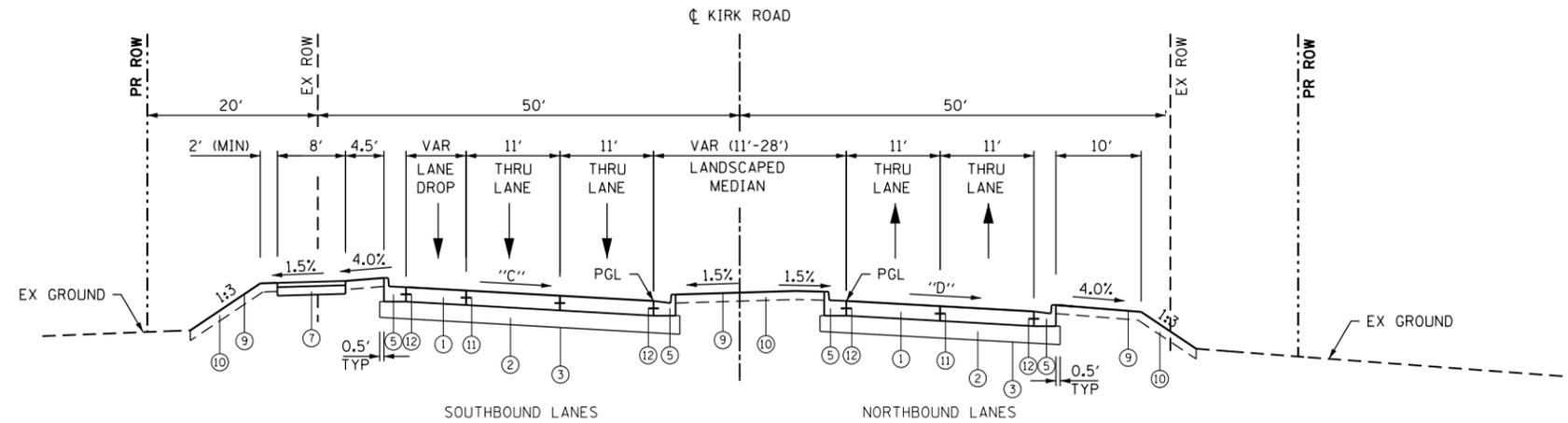
TYPICAL SECTIONS
PROPOSED KIRK ROAD

SCALE: NTS SHEET 8 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
363/360	11-00201-04-CH	KANE	410	27
CONTRACT NO. 61E97				
ILLINOIS FED. AID PROJECT				

KIRK ROAD – SUPERELEVATION CROSS SLOPES

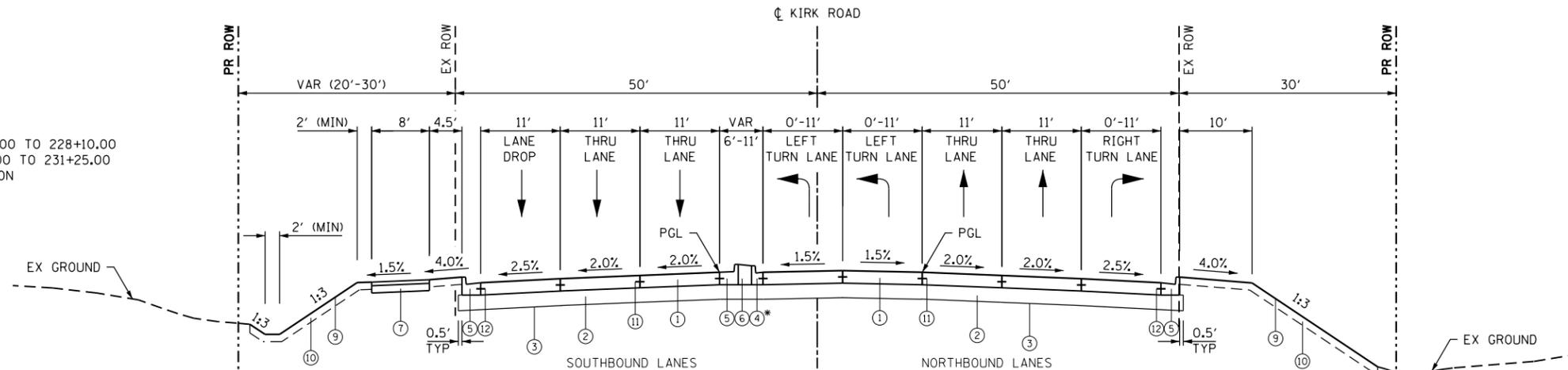
PROPOSED KIRK ROAD	CROSS SLOPE "C"	CROSS SLOPE "D"
STA 217+00 TO STA 217+11	-2.00%	-2.00%
STA 217+11 TO STA 217+79	-2.00% TO 0.00%	-2.00%
STA 217+79 TO STA 218+47	0.00% TO +2.00%	-2.00%
STA 218+47 TO STA 218+61	+2.00% TO +2.20%	-2.00% TO -2.20%
STA 218+61 TO STA 219+02	+2.20% TO +2.80%	-2.20% TO -2.80%
STA 219+02 TO STA 224+97	+2.80%	-2.80%
STA 224+97 TO STA 225+38	+2.80% TO +2.20%	-2.80% TO -2.20%
STA 225+38 TO STA 225+52	+2.20% TO +2.00%	-2.20% TO -2.00%
STA 225+52 TO STA 226+20	+2.00% TO 0.00%	-2.00%
STA 226+20 TO STA 226+88	0.00% TO -2.00%	-2.00%



PROPOSED KIRK ROAD – SOUTH LEG

STA 223+25.29 TO STA 225+00.00

*PR COMB CONC C&G B-6.24 FROM STA 225+00.00 TO 228+10.00
 PR COMB CONC C&G B-6.12 FROM STA 228+10.00 TO 231+25.00
 SEE PLAN AND PROFILES FOR MORE INFORMATION



PROPOSED KIRK ROAD – SOUTH LEG

STA 225+00.00 TO STA 231+25.00

NOTES

1. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION IS PLACED BENEATH AGGREGATE SUBGRADE IMPROVEMENT 12", EXCEPT IN THE AREA OF LONGITUDINAL PIPE UNDERDRAINS WHERE IT IS LIMITED TO THE EDGE OF PAVEMENT.
2. SEE CROSS SECTIONS FOR GRADING INFORMATION.
3. SEE DRAINAGE PLAN AND PROFILES FOR REVERSE PITCHED GUTTER LOCATIONS.
4. SEE LANDSCAPING PLANS FOR SEEDING AND SODDING INFORMATION.
5. SEE PLAT OF HIGHWAYS FOR RIGHT-OF-WAY INFORMATION.

STRUCTURAL DESIGN TRAFFIC	YEAR:	2026
PV = 35,216	SU = 1,467	MU = 1,931
ROAD STREET CLASSIFICATION:	CLASS	I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
PV = 32%	SU = 45%	MU = 45%
TRAFFIC FACTOR:	ACTUAL TF 14.03	AC TYPE =
	MINIMUM TF 5.02	
AC GRADE:	BINDER = N/A	SURFACE = N/A
SUBGRADE SUPPORT RATING:	SSR = POOR	STA _____ TO STA _____

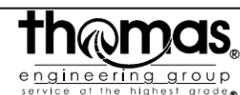
PROPOSED LEGEND:

- ① PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED), 10 1/4"
- ② AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ③ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ④ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- ⑤ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑥ CONCRETE BARRIER MEDIAN
- ⑦ SHARED-USE PATH
 - Ⓐ HMA SURFACE COURSE, MIX "D", N50, 3"
 - Ⓑ BITUMINOUS MATERIALS (PRIME COAT)
 - Ⓒ AGGREGATE BASE COURSE TYPE B, 6"
- ⑨ SEEDING AND FERTILIZER
- ⑩ TOPSOIL EXCAVATION AND PLACEMENT

- ⑪ LONGITUDINAL JOINT TIE BAR PER STANDARDS 420001, 420101, 420106 (TO BE INCLUDED IN THE COST OF PROPOSED PAVEMENT)
- ⑫ LONGITUDINAL JOINT TIE BAR PER STANDARDS 420001 AND 606001 (TO BE INCLUDED IN THE COST OF PROPOSED CURB AND GUTTER)

- ⑬ PIPE UNDERDRAINS, TYPE 2, 6"
- ⑭ CORRUGATED MEDIAN
- ⑮ POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 2"
- ⑯ HMA PAVEMENT (FULL DEPTH), 12 1/4"
 - Ⓐ POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 2"
 - Ⓑ POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 2 1/4"
 - Ⓒ HMA BINDER COURSE, IL-19.0, N90, 8"

FILE NAME = sht-typical.dgn



USER NAME = TEG	DESIGNED - VJM	REVISION 12/20/2018 VJM
	DRAWN - JBH	REVISION -
PLOT SCALE = 20.0000' / in.	CHECKED - BLP	REVISION -
PLOT DATE = 12/20/2018	DATE - 12/20/2018	REVISION -

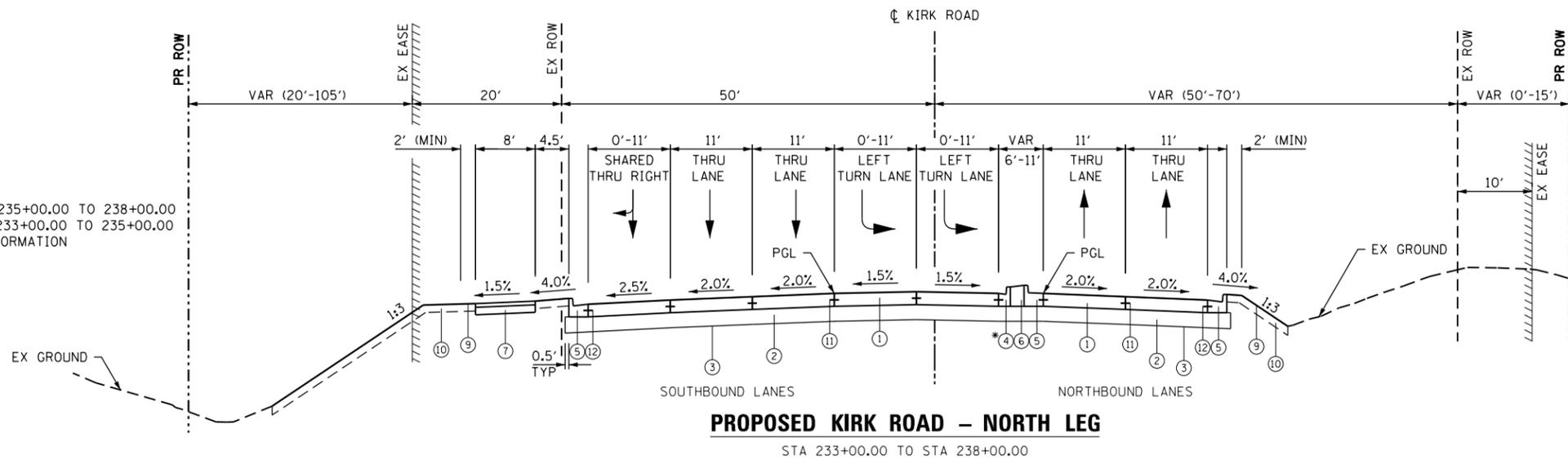
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
PROPOSED KIRK ROAD

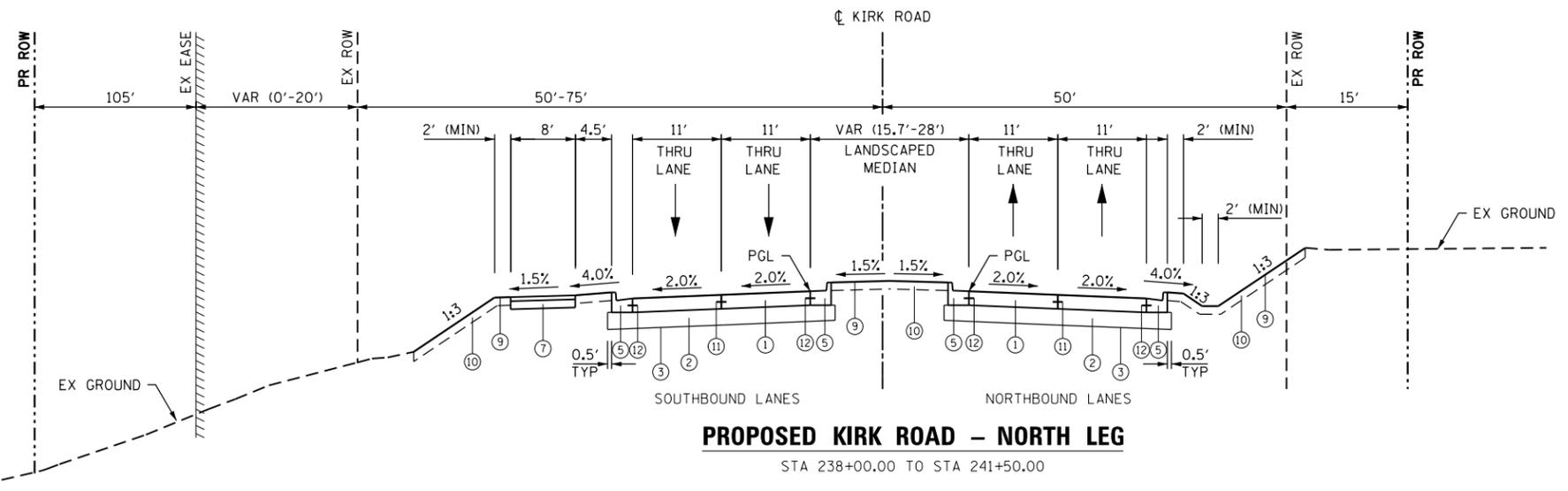
SCALE: NTS SHEET 9 OF 11 SHEETS STA. TO STA.

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 28
CONTRACT NO. 61E97				
ILLINOIS FED. AID PROJECT				

*PR COMB CONC C&G B-6.24 FROM STA 235+00.00 TO 238+00.00
 PR COMB CONC C&G B-6.12 FROM STA 233+00.00 TO 235+00.00
 SEE PLAN AND PROFILES FOR MORE INFORMATION



PROPOSED KIRK ROAD - NORTH LEG
 STA 233+00.00 TO STA 238+00.00



PROPOSED KIRK ROAD - NORTH LEG
 STA 238+00.00 TO STA 241+50.00

NOTES

1. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION IS PLACED BENEATH AGGREGATE SUBGRADE IMPROVEMENT 12", EXCEPT IN THE AREA OF LONGITUDINAL PIPE UNDERDRAINS WHERE IT IS LIMITED TO THE EDGE OF PAVEMENT.
2. SEE CROSS SECTIONS FOR GRADING INFORMATION.
3. SEE DRAINAGE PLAN AND PROFILES FOR REVERSE PITCHED GUTTER LOCATIONS.
4. SEE LANDSCAPING PLANS FOR SEEDING AND SODDING INFORMATION.
5. SEE PLAT OF HIGHWAYS FOR RIGHT-OF-WAY INFORMATION.

STRUCTURAL DESIGN TRAFFIC	YEAR:	2026
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ROAD STREET CLASSIFICATION:	CLASS	I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
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TRAFFIC FACTOR:	ACTUAL TF 14.03	AC TYPE =
	MINIMUM TF 5.02	
AC GRADE:	BINDER = N/A	SURFACE = N/A
SUBGRADE SUPPORT RATING:	SSR = POOR	STA _____ TO STA _____

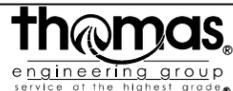
PROPOSED LEGEND:

- ① PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED), 10 1/4"
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- ⑤ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
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- ⑦ SHARED-USE PATH
 - Ⓐ HMA SURFACE COURSE, MIX "D", N50, 3"
 - Ⓑ BITUMINOUS MATERIALS (PRIME COAT)
 - Ⓒ AGGREGATE BASE COURSE TYPE B, 6"
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- ⑪ LONGITUDINAL JOINT TIE BAR PER STANDARDS 420001, 420101, 420106 (TO BE INCLUDED IN THE COST OF PROPOSED PAVEMENT)
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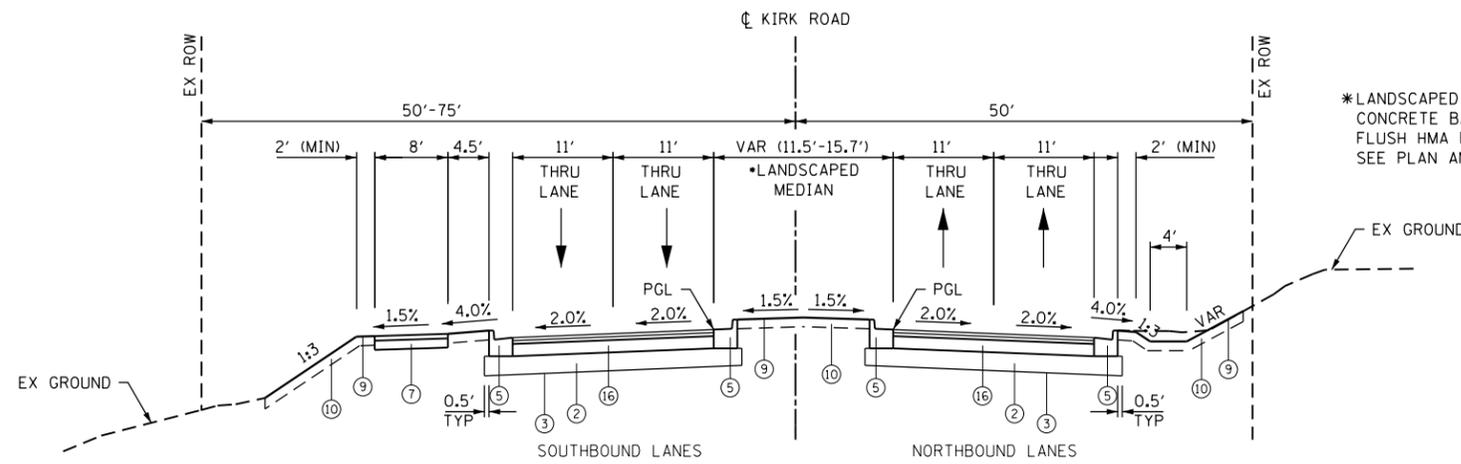


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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

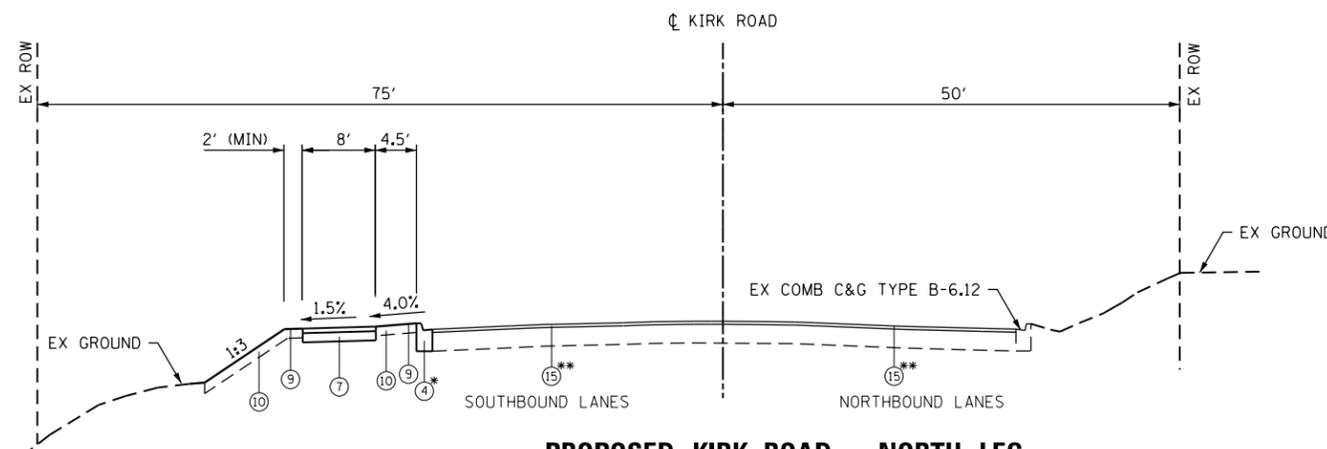
TYPICAL SECTIONS	
PROPOSED KIRK ROAD	
SCALE: NTS	SHEET 10 OF 11 SHEETS
STA. _____	TO STA. _____

F.A.P. RTE. 363/360	SECTION 11-00201-04-CH	COUNTY KANE	TOTAL SHEETS 410	SHEET NO. 29
CONTRACT NO. 61E97				
ILLINOIS FED. AID PROJECT				



PROPOSED KIRK ROAD – NORTH LEG
STA 241+50.00 TO STA 244+40.00

*LANDSCAPED MEDIAN FROM 241+50.00 TO 242+70.50
CONCRETE BARRIER MEDIAN FROM 242+70.50 TO 243+15.00
FLUSH HMA PAVED MEDIAN FROM 243+15.00 TO 244+40.00
SEE PLAN AND PROFILES FOR MORE INFORMATION



PROPOSED KIRK ROAD – NORTH LEG
STA 244+40.00 TO STA 248+86.00

*PR COMB CONC C&G B-6.12 FROM STA 244+40 TO 248+46
SEE PLAN AND PROFILES FOR MORE INFORMATION

**PR HMA RESURFACING FROM 244+40 TO 247+25
SEE PLAN AND PROFILES FOR MORE INFORMATION

NOTES

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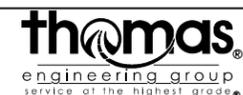
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
PROPOSED KIRK ROAD

SCALE: NTS SHEET 11 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
363/360	11-00201-04-CH	KANE	410	30
CONTRACT NO. 61E97				
ILLINOIS FED. AID PROJECT				

