

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(6,7,8)PP-1	ST. CLAIR	29	1
		ILLINOIS	CONTRACT NO. 76P88	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA

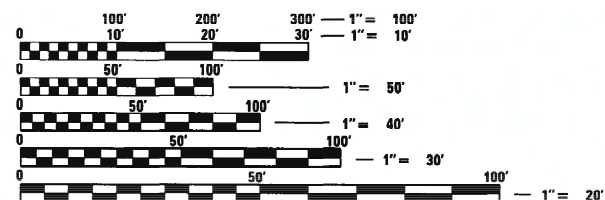
I-64 (FROM IL 159 TO W HWY 50)
2022 ADT = 79600 (ESTIMATED)
SU = 2.4% MU = 11.3%

I-64 (FROM W HWY 50 TO GREENMOUNT RD)
2022 ADT = 64700 (ESTIMATED)
SU = 2.4% MU = 13.6%

I-64 (FROM GREENMOUNT RD TO IL 158)
2022 ADT = 58100 (ESTIMATED)
SU = 2.5% MU = 15.1%

I-64 (FROM IL 158 TO RIEDER RD)
2022 ADT = 44300 (ESTIMATED)
SU = 2.3% MU = 17.9%

I-64 (FROM RIEDER RD TO IL 4)
2022 ADT = 43000 (ESTIMATED)
SU = 4.1% MU = 21.7%



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811

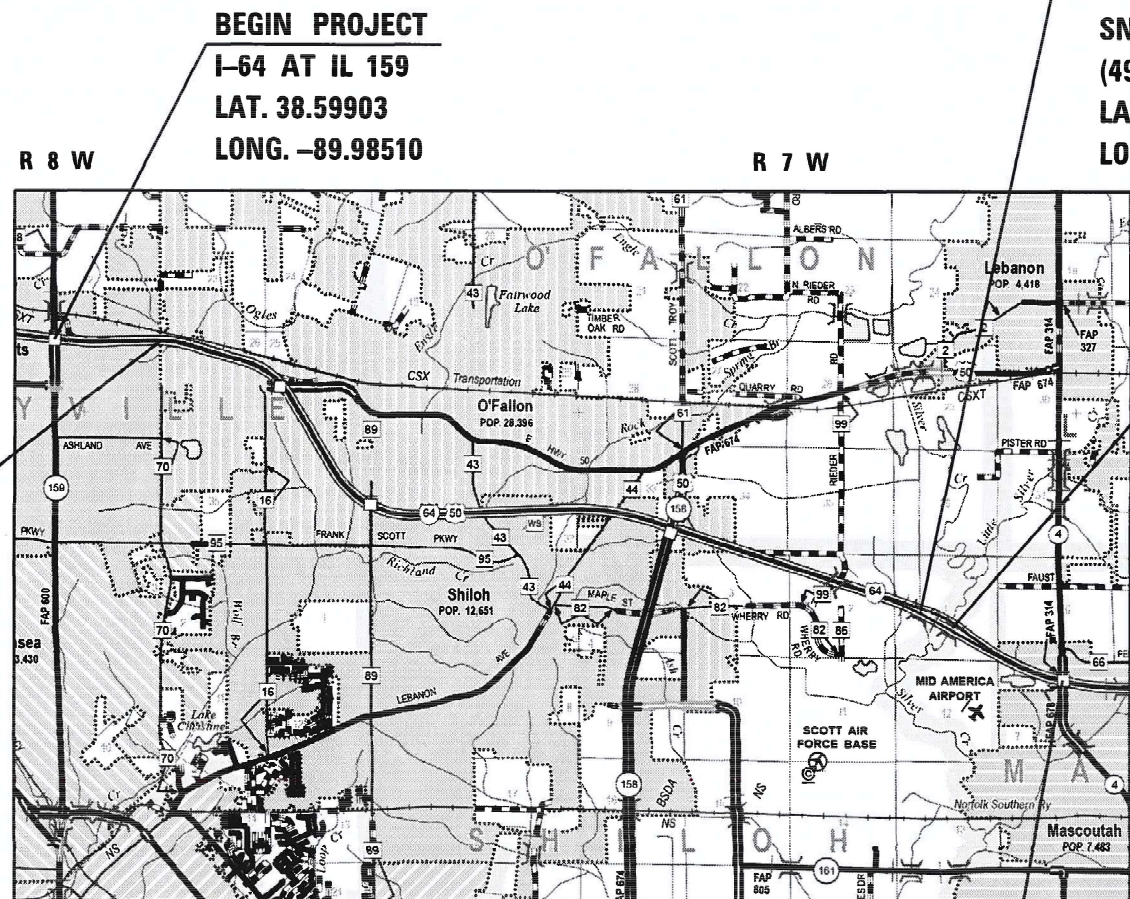
PROJECT ENGINEER: BILLIE OWEN (618) 346-3209
PROJECT MANAGER: PHILLIP FREIMUTH (618) 346-3194

CONTRACT NO. 76P88

PROPOSED
HIGHWAY PLANS

FAI ROUTE 64 (I-64)
SECTION 82-(6,7,8)PP-1
PROJECT
PAVEMENT PATCHING - CM
ST. CLAIR COUNTY

C-98-061-22



BEGIN PROJECT
I-64 AT IL 159
LAT. 38.59903
LONG. -89.98510

OMIT BRIDGES
SN 082-0186 WB
(478.4 FT)
LAT. 38.56123
LONG. -89.83269
SN 082-0187 EB
(497 FT)
LAT. 38.56103
LONG. -89.83217

OMIT BRIDGES
SN 082-0308 EB
(152.5 FT)
LAT. 38.59874
LONG. -89.96629
SN 082-0309 WB
(152.5 FT)
LAT. 38.59873
LONG. -89.96610

OMIT BRIDGES
SN 082-0188 WB
(220.2 FT)
LAT. 38.55879
LONG. -89.82696
SN 082-0189 EB
(213.3 FT)
LAT. 38.55865
LONG. -89.82662

END PROJECT
I-64 AT LEBANON RD
LAT. 38.55154
LONG. -89.80701

LOCATION MAP
NOT TO SCALE

GROSS LENGTH = 56,390.40 FT. = 10.680 MILE
NET LENGTH EB = 55,527.60 FT. = 10.517 MILE
NET LENGTH WB = 55,539.30 FT. = 10.519 MILE



LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED *Oct 28 2021*
Keith Roberts
REGIONAL ENGINEER

December 10 2021
Stephen M. Smith
ENGINEER OF DESIGN AND ENVIRONMENT

December 10 2021
Stephen M. Smith
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES AND COMMITMENTS
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- 23 - 26 SCHEDULE OF QUANTITIES
- 27 LOCATION MAP
- 28 - 29 CLASS A PATCHING (SPECIAL) DETAIL

HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
- 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY
- 701400-11 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701401-13 LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701406-13 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
- 701411-09 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP FOR SPEEDS ≥ 45 MPH
- 701426-09 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
- 701428-01 TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
- 701446-11 TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701901-08 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 420001-10 PAVEMENT JOINTS

GENERAL NOTES

1. UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
 - AMEREN ILLINOIS
 - AT&T ILLINOIS
 - BUCKEYE PARTNERS L.P.--WOOD RIVER PIPELINE
 - VILLAGE OF CASEYVILLE
 - CHARTER COMMUNICATIONS, INC.
 - CLEARWAVE COMMUNICATIONS
 - CITY OF FAIRVIEW HEIGHTS
 - FIDELITY COMMUNICATIONS III, INC.
 - FRONTIER COMMUNICATIONS
 - ILLINOIS AMERICAN WATER COMPANY
 - LEVEL 3 COMMUNICATIONS, LLC
 - CITY OF MASCOUTAH
 - MID AMERICA ST. LOUIS AIRPORT
 - CITY OF O'FALLON
 - VILLAGE OF SHILOH
 - WINDSTREAM COMMUNICATIONS
2. NO SURVEY WAS PERFORMED FOR THIS PROJECT AND THE PLANS WERE CREATED USING MICROFILM.
3. THE PROPOSED PAVEMENT MARKING SHALL MATCH THE LOCATIONS OF THE EXISTING PAVEMENT MARKING, AS DIRECTED BY THE ENGINEER.
4. FOURTEEN CHANGEABLE MESSAGE SIGNS SHALL BE REQUIRED FOR THIS PROJECT. THEY SHALL BE PLACED 2 WEEKS PRIOR TO ANY LANE CLOSURES. THE CHANGEABLE MESSAGE SIGNS SHALL BE PLACED ON I-64 AND AT ALL INTERCHANGES FOR THE DURATION OF THE CONTRACT AT THE DIRECTION OF THE ENGINEER.
5. ALL BRIDGES WITHIN THE PROJECT LIMITS SHALL BE OMITTED FROM PATCHING.
6. THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.

COMMITMENTS

NONE

MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT

LOCATION:		I-64 PARTIAL DEPTH PATCHING			
MIXTURE USE(S):	POLY SURFACE				
AC/PG	SBS PG 76-22				
RAP % (MAX)	SEE SPECIAL PROVISION				
DESIGN AIR VOIDS:	4.0% @ NDES = 90				
MIX COMPOSITION (GRADATION)	IL 9.5				
FRICTION AGGREGATE	MIXTURE "E"				
QUALITY MGMT PROGRAM	QC/QA				

PLAN QUANTITIES FOR BITUMINOUS CONCRETE SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/IN

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SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				100% STATE ROADWAY
				0006 URBAN
44213000	PATCHING REINFORCEMENT	SQ YD	428	428
44213200	SAW CUTS	FOOT	1206	1206
44213204	TIE BARS 3/4"	EACH	75	75
67100100	MOBILIZATION	L SUM	1	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	7	7
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1
70100815	TRAFFIC CONTROL AND PROTECTION, STANDARD 701446	L SUM	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	826	826
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	967	967
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	317	317
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1398	1398
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	1279	1279

* SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				100% STATE ROADWAY
				0006 URBAN
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	255	255
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	255	255
X1700055	CLASS A PATCHES, TYPE II, 13 INCH (SPECIAL)	SQ YD	16	16
X1700056	CLASS A PATCHES, TYPE III, 13 INCH (SPECIAL)	SQ YD	32	32
X1700079	CLASS A PATCHES, TYPE III, 12 INCH (SPECIAL)	SQ YD	40	40
X4406020	PARTIAL DEPTH REMOVAL, TYPE I, 2"	SQ YD	7	7
X4406220	PARTIAL DEPTH REMOVAL, TYPE II, 2"	SQ YD	264	264
X4406420	PARTIAL DEPTH REMOVAL, TYPE III, 2"	SQ YD	375	375
X4406620	PARTIAL DEPTH REMOVAL, TYPE IV, 2"	SQ YD	2497	2497
X4420579	CLASS A PATCHES, TYPE IV, 12 INCH (SPECIAL)	SQ YD	233	233
X4420621	CLASS A PATCHES, TYPE II, 14 INCH (SPECIAL)	SQ YD	16	16
X4420628	CLASS A PATCHES, TYPE IV, 14 INCH (SPECIAL)	SQ YD	67	67
X4420630	CLASS A PATCHES, TYPE II, 15 INCH (SPECIAL)	SQ YD	8	8
X4420632	CLASS A PATCHES, TYPE III, 15 INCH (SPECIAL)	SQ YD	16	16

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(6,7,8)PP-1	ST. CLAIR	29	3
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76P88	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				100% STATE ROADWAY 0006 URBAN
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500
X4421000	PARTIAL DEPTH PATCHING	TON	363	363

Ø 0042

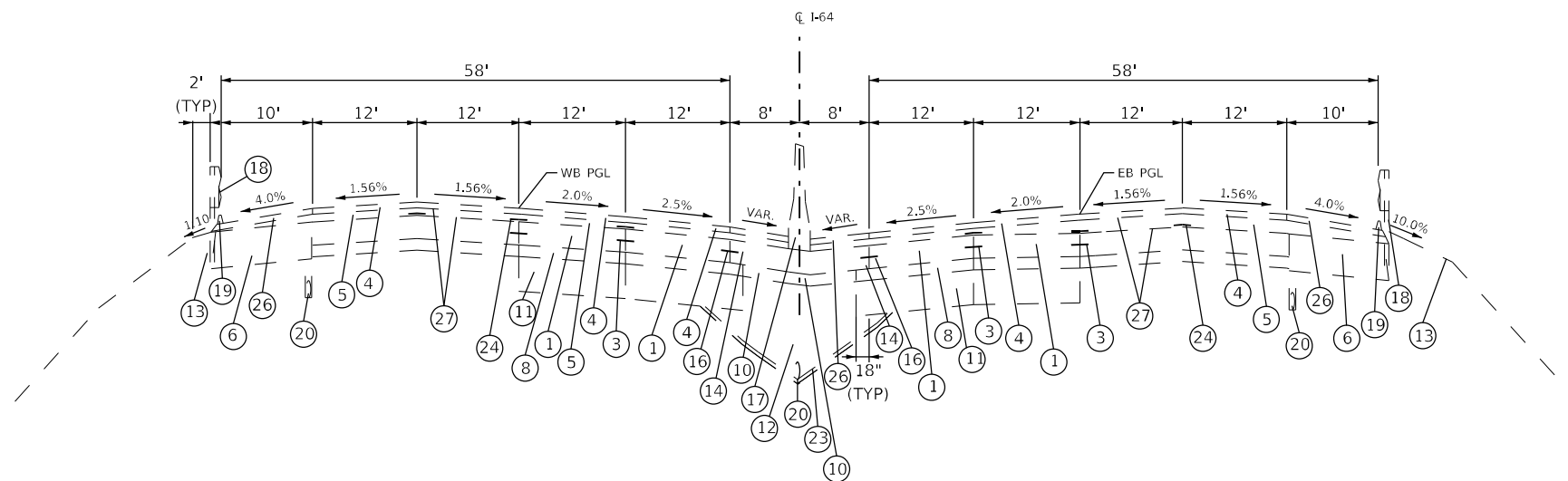
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PLOT DATE = 11/1/2021	CHECKED -	REVISED -		SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.			CONTRACT NO. 76P88				
	DATE -	REVISED -		ILLINOIS		FED. AID PROJECT					

LEGEND A (EXISTING)

- ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 8"
- ② CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 9"
- ③ LONGITUDINAL CONSTRUCTION JOINT - USE NO. 6 EPOXY COATED DEFORMED TIE BARS AT 24" C-C AND 24" LONG, DRILLED AND GROUTED
- ④ POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, STONE MATRIX ASPHALT, CLASS I (2")
- ⑤ POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N105 (2-1/4" & VARIES)
- ⑥ 13" BITUMINOUS SHOULDER
- ⑦ 8" BITUMINOUS SHOULDER
- ⑧ STABILIZED SUB-BASE 4"
- ⑨ SUB-BASE GRANULAR MATERIAL, TYPE B 12"
- ⑩ SUB-BASE GRANULAR MATERIAL, TYPE A 4"
- ⑪ AGGREGATE SUBGRADE 12"
- ⑫ POROUS GRANULAR EMBANKMENT, SUBGRADE
- ⑬ AGGREGATE SHOULDER, TYPE B
- ⑭ PORTLAND CEMENT CONCRETE SHOULDERS 8"
- ⑮ PORTLAND CEMENT CONCRETE SHOULDERS 9"
- ⑯ LONGITUDINAL CONSTRUCTION JOINT - USE 3/4 INCH EPOXY COATED SMOOTH DOWEL BARS AT 24" C-C AND 24" LONG
- ⑰ CONCRETE BARRIER, CONCRETE BARRIER (MODIFIED), CONCRETE BARRIER (SPECIAL), OR CONCRETE BARRIER TRANSITION
- ⑱ GUARDRAIL
- ⑲ BITUMINOUS SHOULDER CURB
- ⑳ PIPE UNDERDRAINS 6"
- ㉑ SLOTTED DRAIN STRUCTURE
- ㉒ STORM SEWER
- ㉓ FILTER FABRIC
- ㉔ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ㉕ NOISE ABATEMENT WALL
- ㉖ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50 (2")
- ㉗ BITUMINOUS MATERIALS (PRIME COAT)
- ㉘ EMBANKMENT
- ㉙ MICRO-SURFACING SINGLE PASS, TYPE II, 1/2" (WITH RUT FILLING)

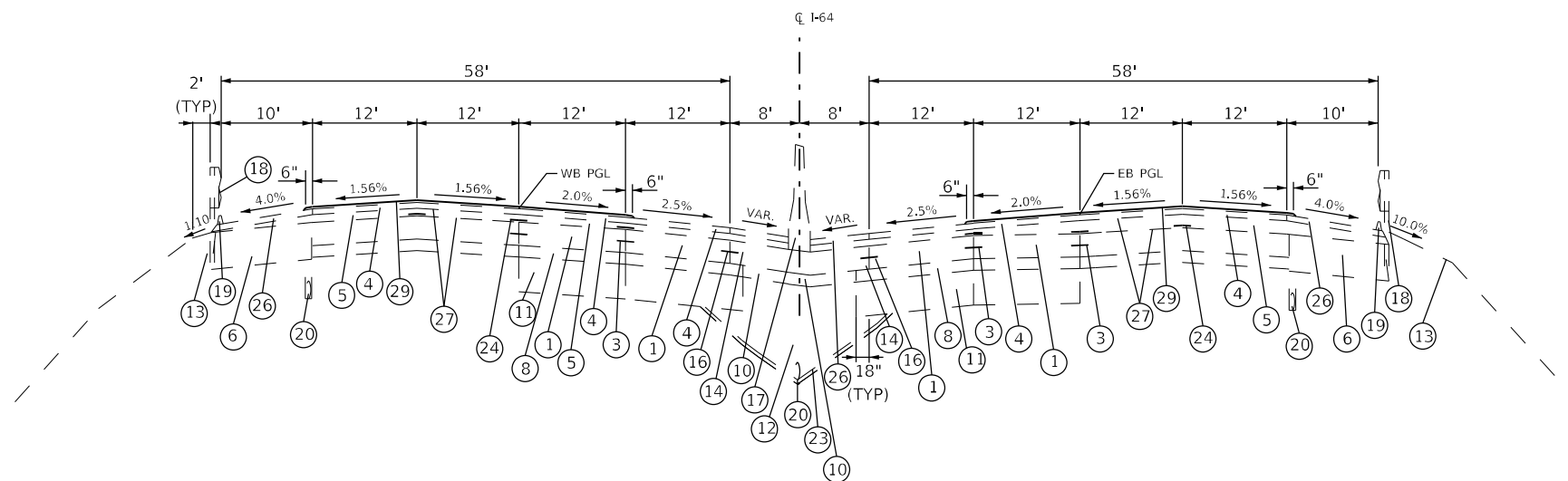


EXISTING TYPICAL SECTION

STA. 537+26.79 EB TO STA. 548+60.20 EB
STA. 537+26.79 WB TO STA. 547+70.40 WB

STA. 607+83.78 EB TO STA. 613+80.02
STA. 606+93.98 WB

STA. 693+92.51 EB TO STA. 725+00 EB
STA. 692+18.71 WB TO STA. 705+00 WB



EXISTING TYPICAL SECTION

STA. 725+00 EB TO STA. 732+09.69 EB
STA. 705+00 WB TO STA. 730+77.89 WB

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

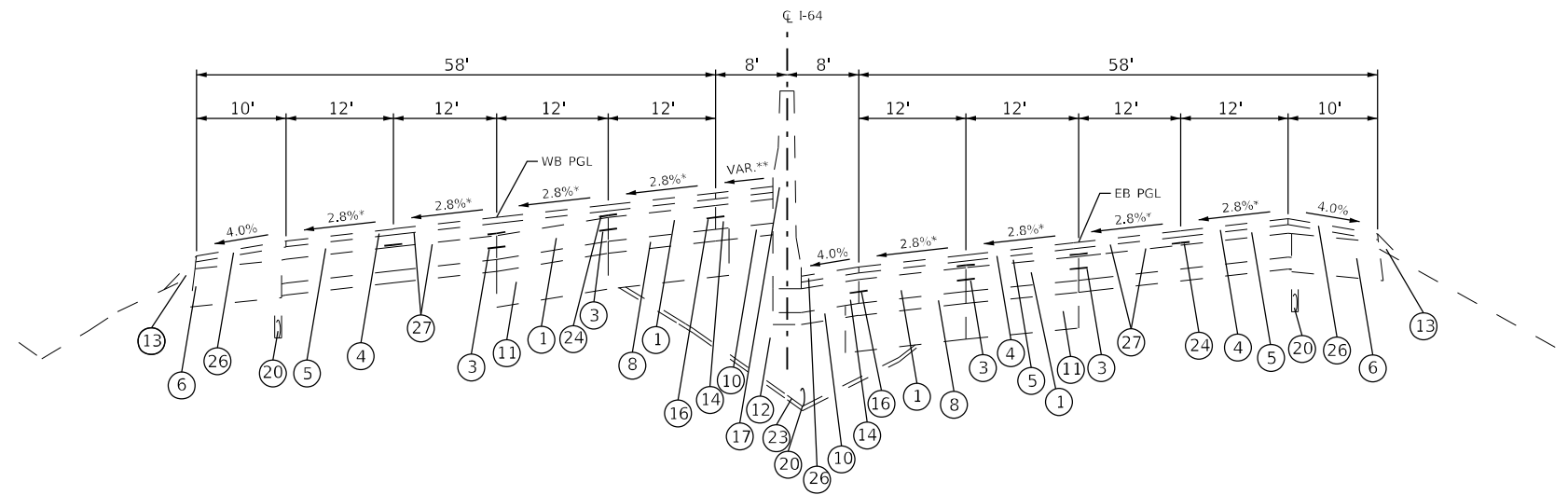
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SCALE: NTS SHEET 1 OF 18 SHEETS STA. TO STA.

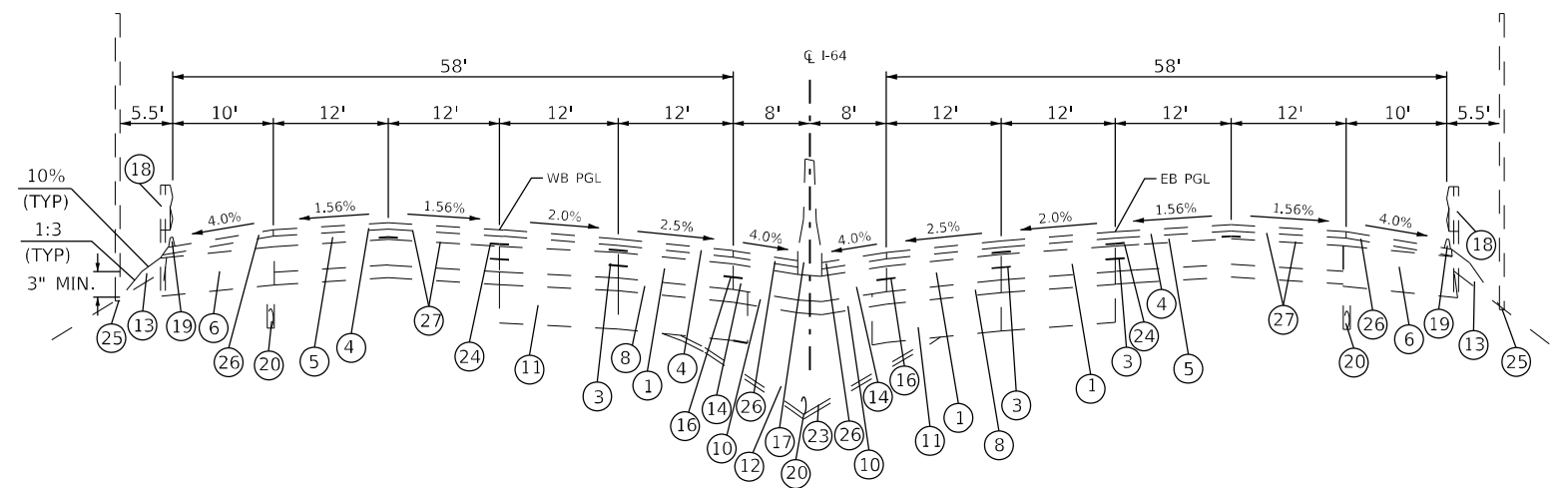
F.A.J RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(6,7,8)PP-1	ST. CLAIR	29	5
CONTRACT NO. 76P88				
ILLINOIS FED. AID PROJECT				

LEGEND A (EXISTING)

- ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 8"
- ② CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 9"
- ③ LONGITUDINAL CONSTRUCTION JOINT - USE NO. 6 EPOXY COATED DEFORMED TIE BARS AT 24" C-C AND 24" LONG, DRILLED AND GROUTED
- ④ POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, STONE MATRIX ASPHALT, CLASS I (2")
- ⑤ POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N105 (2-1/4" & VARIES)
- ⑥ 13" BITUMINOUS SHOULDER
- ⑦ 8" BITUMINOUS SHOULDER
- ⑧ STABILIZED SUB-BASE 4"
- ⑨ SUB-BASE GRANULAR MATERIAL, TYPE B 12"
- ⑩ SUB-BASE GRANULAR MATERIAL, TYPE A 4"
- ⑪ AGGREGATE SUBGRADE 12"
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- ⑰ CONCRETE BARRIER, CONCRETE BARRIER (MODIFIED), CONCRETE BARRIER (SPECIAL), OR CONCRETE BARRIER TRANSITION
- ⑱ GUARDRAIL
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- ㉘ EMBANKMENT
- ㉙ MICRO-SURFACING SINGLE PASS, TYPE II, 1/2" (WITH RUT FILLING)



EXISTING TYPICAL SECTION
STA. 548+60.20 EB TO STA. 559+48.32 EB
STA. 547+70.40 WB TO STA. 560+38.12 WB



EXISTING TYPICAL SECTION
STA. 559+48.32 EB TO STA. 585+31.38 EB
STA. 560+38.12 WB TO STA. 586+21.18 WB

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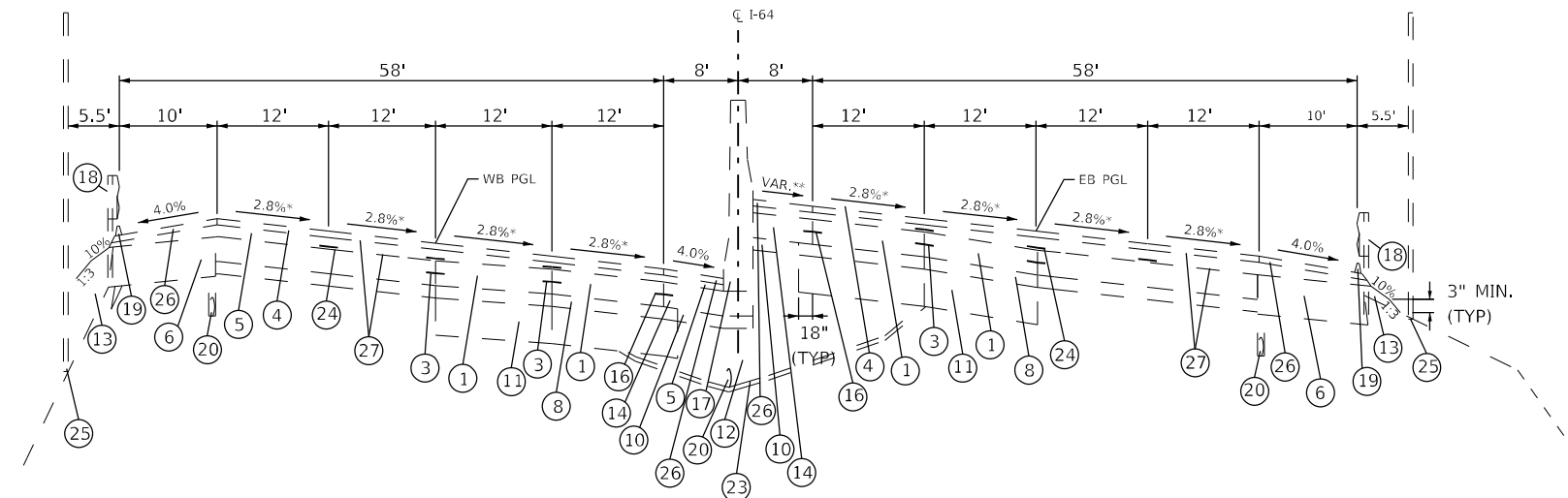
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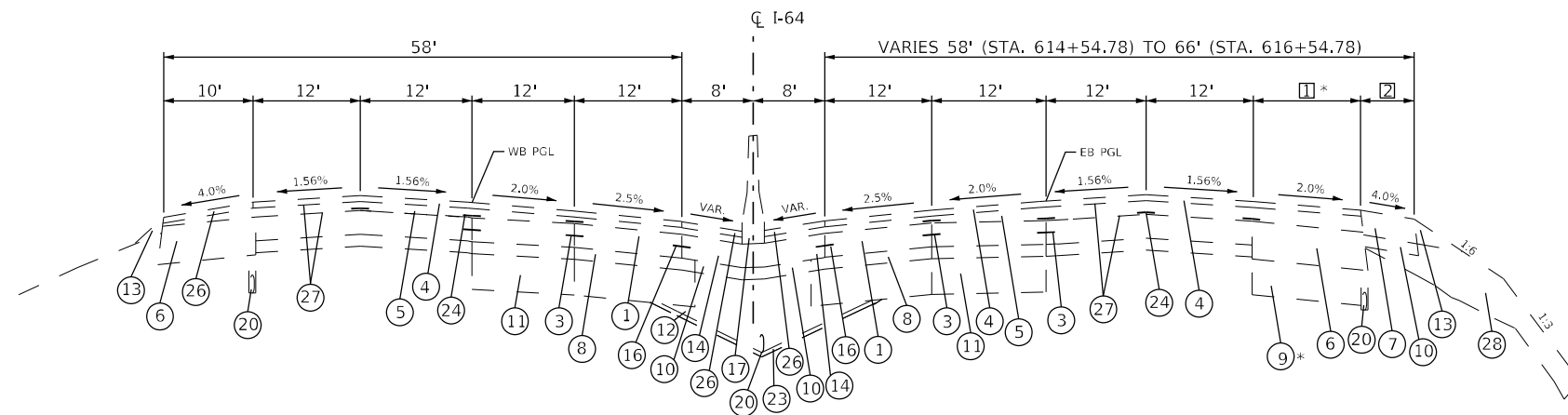
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EXISTING TYPICAL SECTION

STA. 585+31.38 EB TO STA. 607+83.78 EB
STA. 586+21.18 WB TO STA. 606+93.98 WB
EXCEPT FOR OLD COLLINSVILLE ROAD BRIDGES



EXISTING TYPICAL SECTION

STA. 613+80.02 TO STA. 657+24.79 EB
STA. 652+43.94 WB

* [] SHOULDER PAVEMENT & SUB-BASE WIDTH VARY
10' (STA. 616+04.78) TO 12' (STA. 616+54.78)
[] VARIES 0' (STA. 614+54.78) TO 6' (STA. 616+04.78)

STATION EQUATION: STA. 618+20.65 BK = STA. 643+85.18 AH

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DEPARTMENT OF TRANSPORTATION

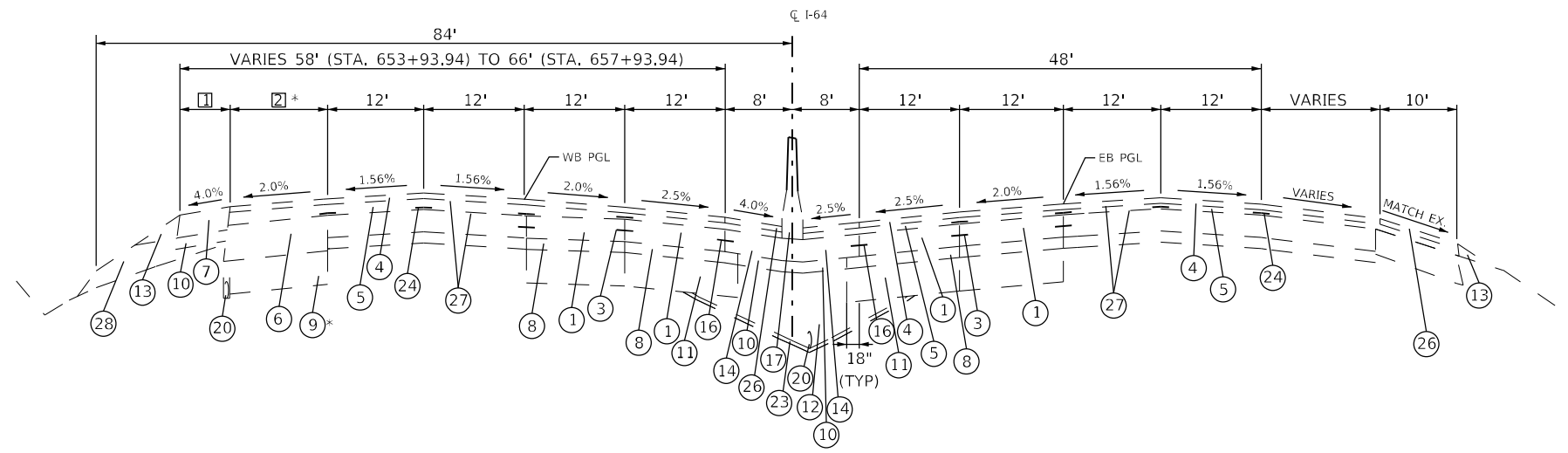
TYPICAL SECTIONS

SCALE: NTS SHEET 3 OF 18 SHEETS STA. TO STA.

F.A.J RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(6,7,8)PP-1	ST. CLAIR	29	7
			CONTRACT NO. 76P88	
ILLINOIS FED. AID PROJECT				

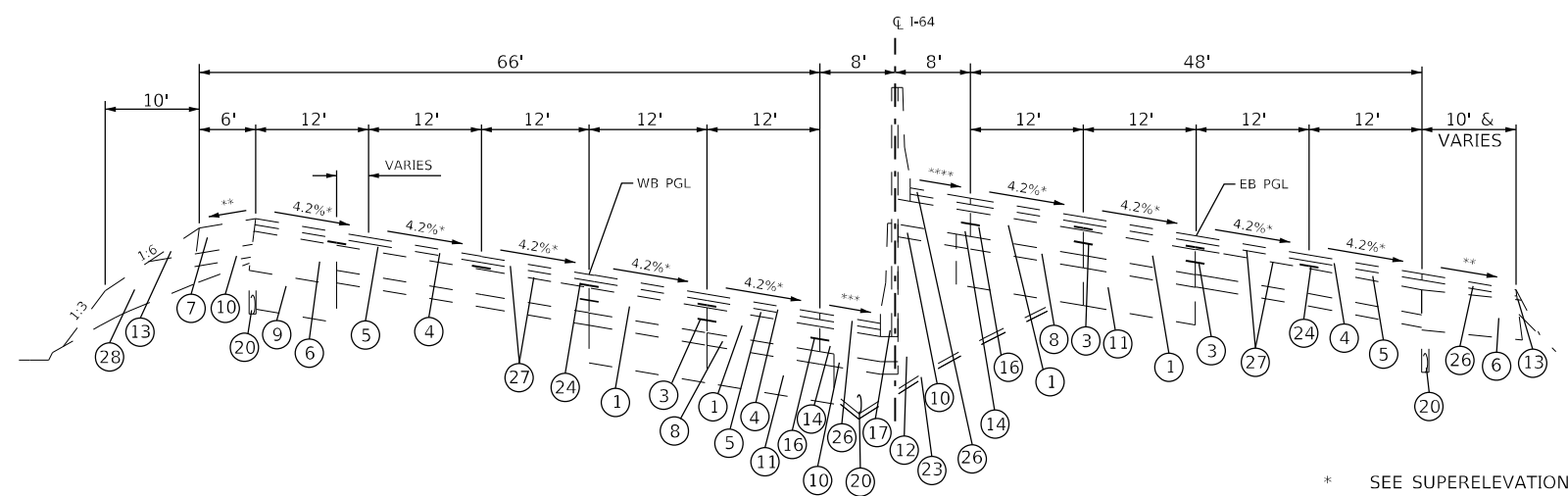
LEGEND A (EXISTING)

- ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 8"
- ② CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 9"
- ③ LONGITUDINAL CONSTRUCTION JOINT - USE NO. 6 EPOXY COATED DEFORMED TIE BARS AT 24" C-C AND 24" LONG, DRILLED AND GROUTED
- ④ POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, STONE MATRIX ASPHALT, CLASS I (2")
- ⑤ POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N105 (2-1/4" & VARIES)
- ⑥ 13" BITUMINOUS SHOULDER
- ⑦ 8" BITUMINOUS SHOULDER
- ⑧ STABILIZED SUB-BASE 4"
- ⑨ SUB-BASE GRANULAR MATERIAL, TYPE B 12"
- ⑩ SUB-BASE GRANULAR MATERIAL, TYPE A 4"
- ⑪ AGGREGATE SUBGRADE 12"
- ⑫ POROUS GRANULAR EMBANKMENT, SUBGRADE
- ⑬ AGGREGATE SHOULDER, TYPE B
- ⑭ PORTLAND CEMENT CONCRETE SHOULDERS 8"
- ⑮ PORTLAND CEMENT CONCRETE SHOULDERS 9"
- ⑯ LONGITUDINAL CONSTRUCTION JOINT - USE 3/4 INCH EPOXY COATED SMOOTH DOWEL BARS AT 24" C-C AND 24" LONG
- ⑰ CONCRETE BARRIER, CONCRETE BARRIER (MODIFIED), CONCRETE BARRIER (SPECIAL), OR CONCRETE BARRIER TRANSITION
- ⑱ GUARDRAIL
- ⑲ BITUMINOUS SHOULDER CURB
- ⑳ PIPE UNDERDRAINS 6"
- ㉑ SLOTTED DRAIN STRUCTURE
- ㉒ STORM SEWER
- ㉓ FILTER FABRIC
- ㉔ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ㉕ NOISE ABATEMENT WALL
- ㉖ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50 (2")
- ㉗ BITUMINOUS MATERIALS (PRIME COAT)
- ㉘ EMBANKMENT
- ㉙ MICRO-SURFACING SINGLE PASS, TYPE II, 1/2" (WITH RUT FILLING)



☐ VARIES 0' (STA. 653+93.94) TO 6' (STA. 656+93.94)
 * ☐ SHOULDER PAVEMENT & SUB-BASE WIDTH VARY
 10' (STA. 656+93.94) TO 12' (STA. 657+93.94)

EXISTING TYPICAL SECTION
 STA. 657+24.79 EB TO STA. 658+69.57 EB
 STA. 652+43.94 WB TO STA. 658+54.90 WB



EXISTING TYPICAL SECTION
 STA. 658+69.57 EB TO STA. 661+10.04
 STA. 658+54.90 WB TO STA. 662+84.20 WB
 STA. 662+84.20 TO STA. 672+93.94

* SEE SUPERELEVATION TRANSITION DETAILS FOR PAVEMENT SUPERELEVATION.
 ** WHEN THE SUPERELEVATION RATE IS 4% OR LESS, THE SHOULDER SLOPE IS 4%. WHEN PAVEMENT SUPERELEVATION RATE EXCEEDS 4%, THE MAXIMUM ALGEBRAIC DIFFERENCE IN CROSS SLOPE IS 8%.
 *** WHEN THE SUPERELEVATION RATE IS 4% OR LESS, THE SHOULDER SLOPE IS 4%. WHEN PAVEMENT SUPERELEVATION RATE EXCEEDS 4%, THE SHOULDER SLOPE SHOULD EQUAL ADJACENT PAVEMENT SUPERELEVATION RATE.
 **** SHOULDER SLOPE SHOULD EQUAL ADJACENT PAVEMENT SUPERELEVATION RATE.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

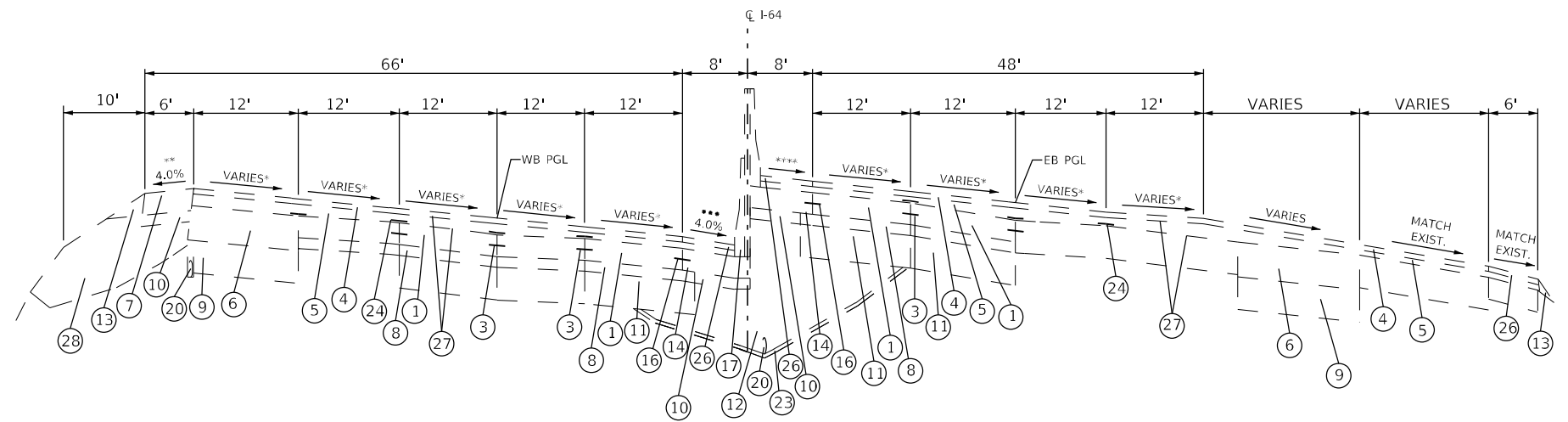
TYPICAL SECTIONS

SCALE: NTS SHEET 4 OF 18 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CONTRACT NO. 76P88	
ILLINOIS FED. AID PROJECT				

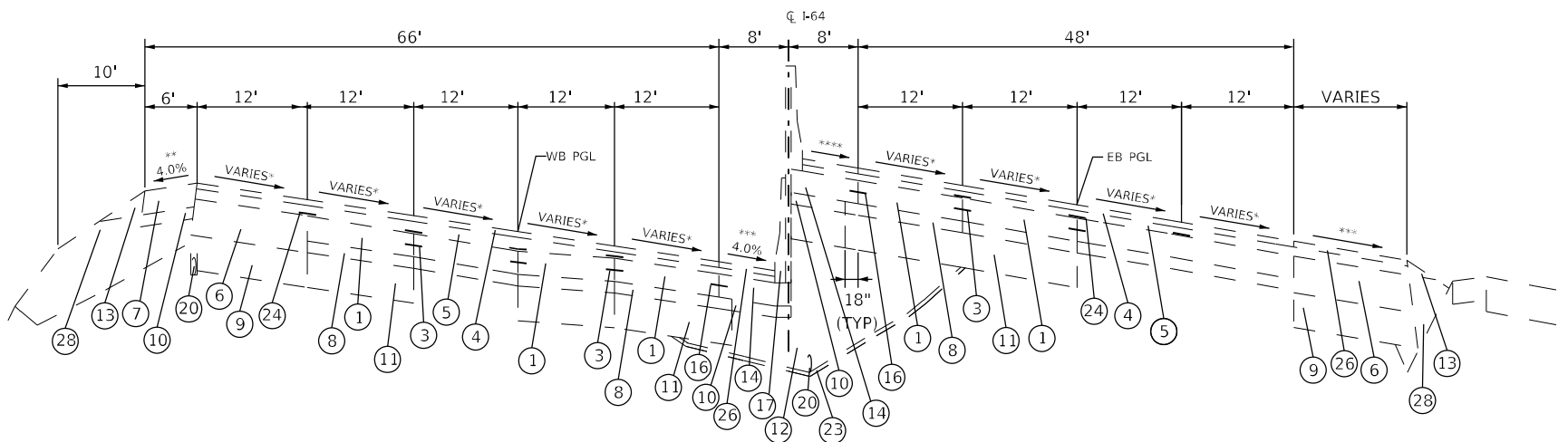
LEGEND A (EXISTING)

- ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 8"
- ② CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 9"
- ③ LONGITUDINAL CONSTRUCTION JOINT - USE NO. 6 EPOXY COATED DEFORMED TIE BARS AT 24" C-C AND 24" LONG, DRILLED AND GROUTED
- ④ POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, STONE MATRIX ASPHALT, CLASS I (2")
- ⑤ POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N105 (2-1/4" & VARIES)
- ⑥ 13" BITUMINOUS SHOULDER
- ⑦ 8" BITUMINOUS SHOULDER
- ⑧ STABILIZED SUB-BASE 4"
- ⑨ SUB-BASE GRANULAR MATERIAL, TYPE B 12"
- ⑩ SUB-BASE GRANULAR MATERIAL, TYPE A 4"
- ⑪ AGGREGATE SUBGRADE 12"
- ⑫ POROUS GRANULAR EMBANKMENT, SUBGRADE
- ⑬ AGGREGATE SHOULDER, TYPE B
- ⑭ PORTLAND CEMENT CONCRETE SHOULDERS 8"
- ⑮ PORTLAND CEMENT CONCRETE SHOULDERS 9"
- ⑯ LONGITUDINAL CONSTRUCTION JOINT - USE 3/4 INCH EPOXY COATED SMOOTH DOWEL BARS AT 24" C-C AND 24" LONG
- ⑰ CONCRETE BARRIER, CONCRETE BARRIER (MODIFIED), CONCRETE BARRIER (SPECIAL), OR CONCRETE BARRIER TRANSITION
- ⑱ GUARDRAIL
- ⑲ BITUMINOUS SHOULDER CURB
- ⑳ PIPE UNDERDRAINS 6"
- ㉑ SLOTTED DRAIN STRUCTURE
- ㉒ STORM SEWER
- ㉓ FILTER FABRIC
- ㉔ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ㉕ NOISE ABATEMENT WALL
- ㉖ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50 (2")
- ㉗ BITUMINOUS MATERIALS (PRIME COAT)
- ㉘ EMBANKMENT
- ㉙ MICRO-SURFACING SINGLE PASS, TYPE II, 1/2" (WITH RUT FILLING)



EXISTING TYPICAL SECTION

STA. 661+10.04 TO STA. 662+23.36



EXISTING TYPICAL SECTION

STA. 662+23.36 TO STA. 662+84.20

- * SEE SUPERELEVATION TRANSITION DETAILS FOR PAVEMENT SUPERELEVATION.
- ** WHEN THE SUPERELEVATION RATE IS 4% OR LESS, THE SHOULDER SLOPE IS 4%. WHEN PAVEMENT SUPERELEVATION RATE EXCEEDS 4%, THE MAXIMUM ALGEBRAIC DIFFERENCE IN CROSS SLOPE IS 8%.
- *** WHEN THE SUPERELEVATION RATE IS 4% OR LESS, THE SHOULDER SLOPE IS 4%. WHEN PAVEMENT SUPERELEVATION RATE EXCEEDS 4%, THE SHOULDER SLOPE SHOULD EQUAL ADJACENT PAVEMENT SUPERELEVATION RATE.
- **** SHOULDER SLOPE SHOULD EQUAL ADJACENT PAVEMENT SUPERELEVATION RATE.

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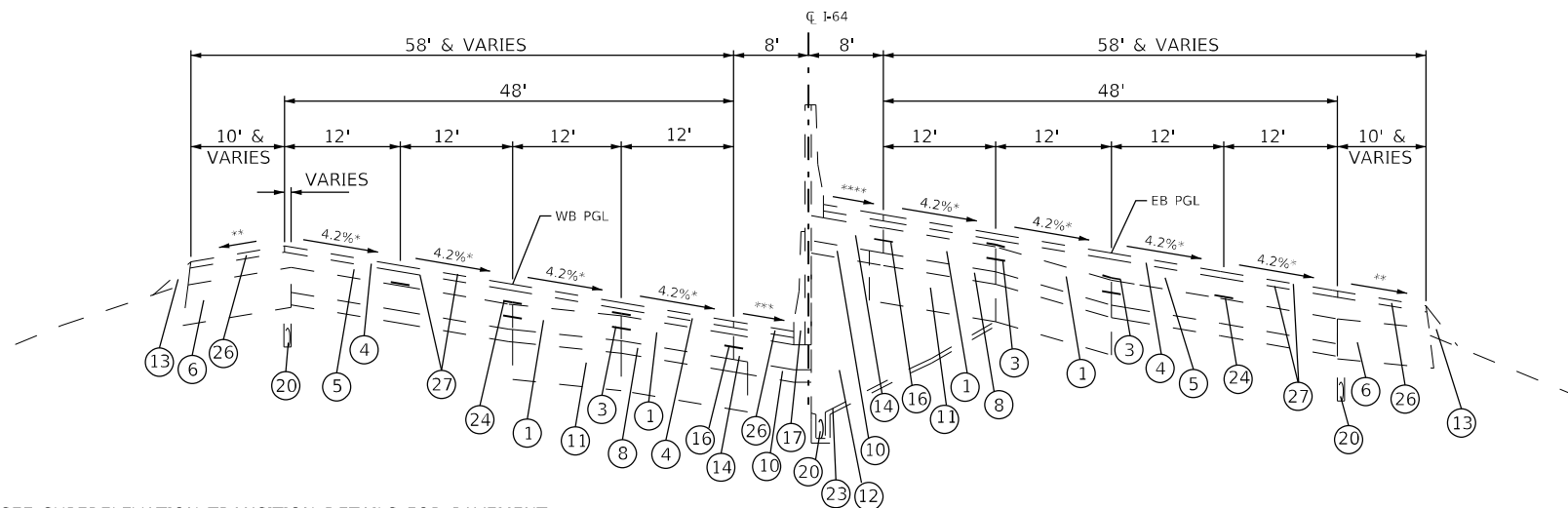
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NTS SHEET 5 OF 18 SHEETS STA. TO STA.

F.A.J RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(6,7,8)PP-1	ST. CLAIR	29	9
			CONTRACT NO. 76P88	
ILLINOIS FED. AID PROJECT				



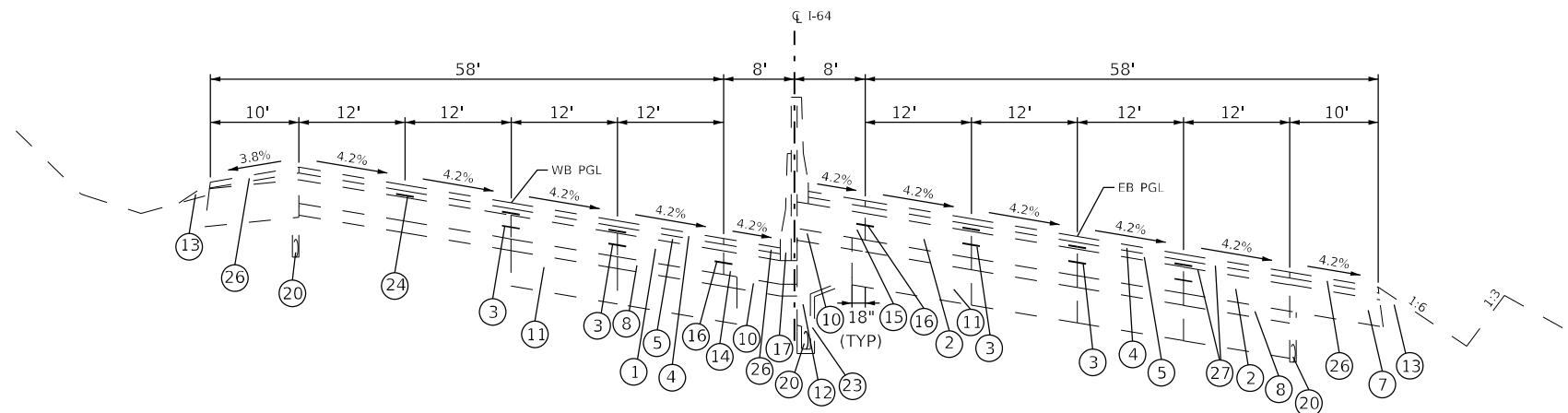
- * SEE SUPERELEVATION TRANSITION DETAILS FOR PAVEMENT SUPERELEVATION.
- ** WHEN THE SUPERELEVATION RATE IS 4% OR LESS, THE SHOULDER SLOPE IS 4%. WHEN PAVEMENT SUPERELEVATION RATE EXCEEDS 4%, THE MAXIMUM ALGEBRAIC DIFFERENCE IN CROSS SLOPE IS 8%.
- *** WHEN THE SUPERELEVATION RATE IS 4% OR LESS, THE SHOULDER SLOPE IS 4%. WHEN PAVEMENT SUPERELEVATION RATE EXCEEDS 4%, THE SHOULDER SLOPE SHOULD EQUAL ADJACENT PAVEMENT SUPERELEVATION RATE.
- **** SHOULDER SLOPE SHOULD EQUAL ADJACENT PAVEMENT SUPERELEVATION RATE.

EXISTING TYPICAL SECTION

STA. 672+93.94 TO STA. 681+00.00
STA. 689+15.00 TO STA. 693+92.51 EB
STA. 692+18.71 WB

LEGEND A (EXISTING)

- ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 8"
- ② CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 9"
- ③ LONGITUDINAL CONSTRUCTION JOINT - USE NO. 6 EPOXY COATED DEFORMED TIE BARS AT 24" C-C AND 24" LONG, DRILLED AND GROUTED
- ④ POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, STONE MATRIX ASPHALT, CLASS I (2")
- ⑤ POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N105 (2-1/4" & VARIES)
- ⑥ 13" BITUMINOUS SHOULDER
- ⑦ 8" BITUMINOUS SHOULDER
- ⑧ STABILIZED SUB-BASE 4"
- ⑨ SUB-BASE GRANULAR MATERIAL, TYPE B 12"
- ⑩ SUB-BASE GRANULAR MATERIAL, TYPE A 4"
- ⑪ AGGREGATE SUBGRADE 12"
- ⑫ POROUS GRANULAR EMBANKMENT, SUBGRADE
- ⑬ AGGREGATE SHOULDER, TYPE B
- ⑭ PORTLAND CEMENT CONCRETE SHOULDERS 8"
- ⑮ PORTLAND CEMENT CONCRETE SHOULDERS 9"
- ⑯ LONGITUDINAL CONSTRUCTION JOINT - USE 3/4 INCH EPOXY COATED SMOOTH DOWEL BARS AT 24" C-C AND 24" LONG
- ⑰ CONCRETE BARRIER, CONCRETE BARRIER (MODIFIED), CONCRETE BARRIER (SPECIAL), OR CONCRETE BARRIER TRANSITION
- ⑱ GUARDRAIL
- ⑲ BITUMINOUS SHOULDER CURB
- ⑳ PIPE UNDERDRAINS 6"
- ㉑ SLOTTED DRAIN STRUCTURE
- ㉒ STORM SEWER
- ㉓ FILTER FABRIC
- ㉔ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ㉕ NOISE ABATEMENT WALL
- ㉖ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50 (2")
- ㉗ BITUMINOUS MATERIALS (PRIME COAT)
- ㉘ EMBANKMENT
- ㉙ MICRO-SURFACING SINGLE PASS, TYPE II, 1/2" (WITH RUT FILLING)



EXISTING TYPICAL SECTION

STA. 681+00.00 TO STA. 689+15.00

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

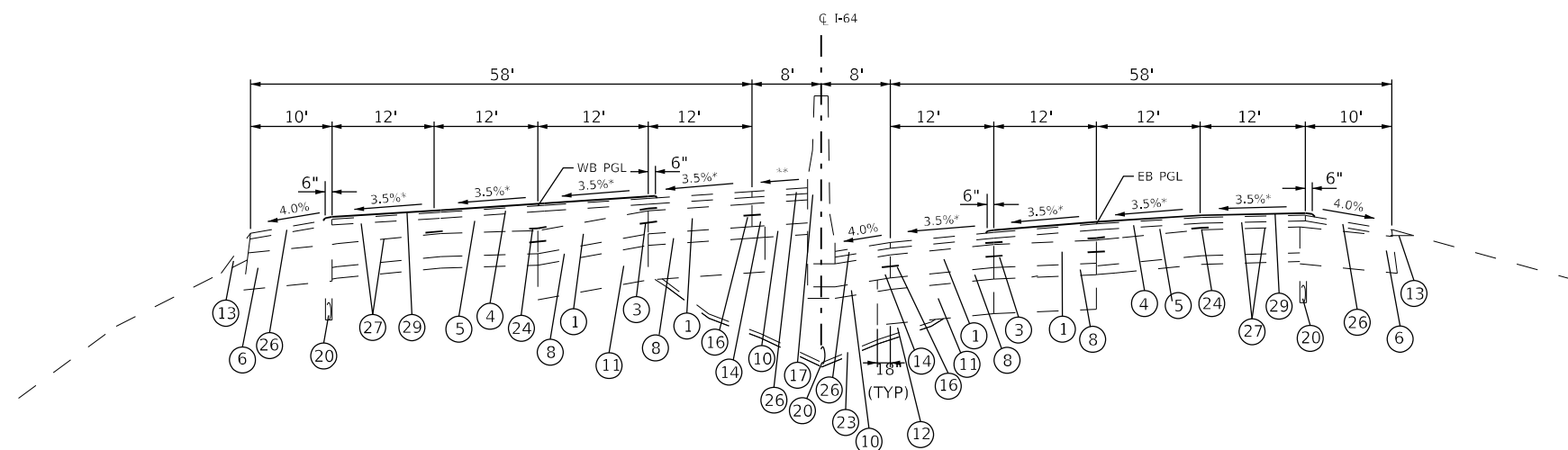
TYPICAL SECTIONS

SCALE: NTS SHEET 6 OF 18 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CONTRACT NO. 76P88	
			ILLINOIS FED. AID PROJECT	

LEGEND A (EXISTING)

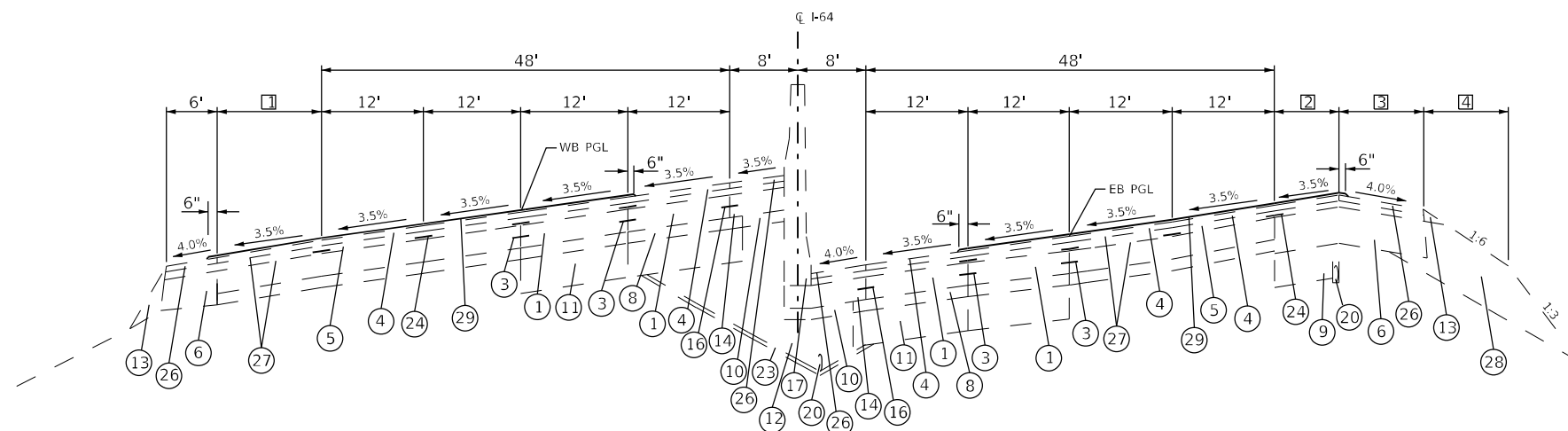
- ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 8"
- ② CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 9"
- ③ LONGITUDINAL CONSTRUCTION JOINT - USE NO. 6 EPOXY COATED DEFORMED TIE BARS AT 24" C-C AND 24" LONG, DRILLED AND GROUTED
- ④ POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, STONE MATRIX ASPHALT, CLASS I (2")
- ⑤ POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N105 (2-1/4" & VARIES)
- ⑥ 13" BITUMINOUS SHOULDER
- ⑦ 8" BITUMINOUS SHOULDER
- ⑧ STABILIZED SUB-BASE 4"
- ⑨ SUB-BASE GRANULAR MATERIAL, TYPE B 12"
- ⑩ SUB-BASE GRANULAR MATERIAL, TYPE A 4"
- ⑪ AGGREGATE SUBGRADE 12"
- ⑫ POROUS GRANULAR EMBANKMENT, SUBGRADE
- ⑬ AGGREGATE SHOULDER, TYPE B
- ⑭ PORTLAND CEMENT CONCRETE SHOULDERS 8"
- ⑮ PORTLAND CEMENT CONCRETE SHOULDERS 9"
- ⑯ LONGITUDINAL CONSTRUCTION JOINT - USE 3/4 INCH EPOXY COATED SMOOTH DOWEL BARS AT 24" C-C AND 24" LONG
- ⑰ CONCRETE BARRIER, CONCRETE BARRIER (MODIFIED), CONCRETE BARRIER (SPECIAL), OR CONCRETE BARRIER TRANSITION
- ⑱ GUARDRAIL
- ⑲ BITUMINOUS SHOULDER CURB
- ⑳ PIPE UNDERDRAINS 6"
- ㉑ SLOTTED DRAIN STRUCTURE
- ㉒ STORM SEWER
- ㉓ FILTER FABRIC
- ㉔ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ㉕ NOISE ABATEMENT WALL
- ㉖ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50 (2")
- ㉗ BITUMINOUS MATERIALS (PRIME COAT)
- ㉘ EMBANKMENT
- ㉙ MICRO-SURFACING SINGLE PASS, TYPE II, 1/2" (WITH RUT FILLING)



* SEE SUPERELEVATION TRANSITION DETAILS FOR PAVEMENT SUPERELEVATION.
** SHOULDER SLOPE SHOULD EQUAL ADJACENT PAVEMENT SUPERELEVATION RATE.

EXISTING TYPICAL SECTION

STA. 732+09.69 EB TO STA. 735+74.76
STA. 730+77.89 WB



EXISTING TYPICAL SECTION

STA. 735+74.76 TO STA. 744+15.00

- ❑ VARIES 1' (STA. 734+44.72 - EX. 1' STUB) TO 18' (STA. 744+15.00) SHOULDER PAVEMENT AND SUB-BASE GRANULAR MATERIAL, TYPE B
- ❒ VARIES 0' TO 8.34' (STA. 741+15.05) & 7.03' (STA. 741+15.05) TO 0' (STA. 742+89.11)
- ❓ VARIES 10' (STA. 742+89.11) TO 6' (STA. 743+84.48)
- ❔ VARIES

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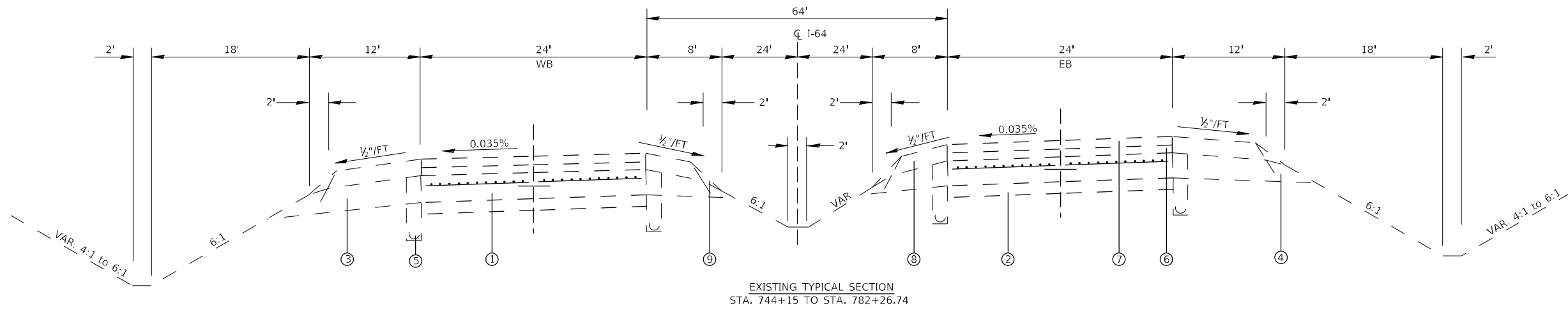
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

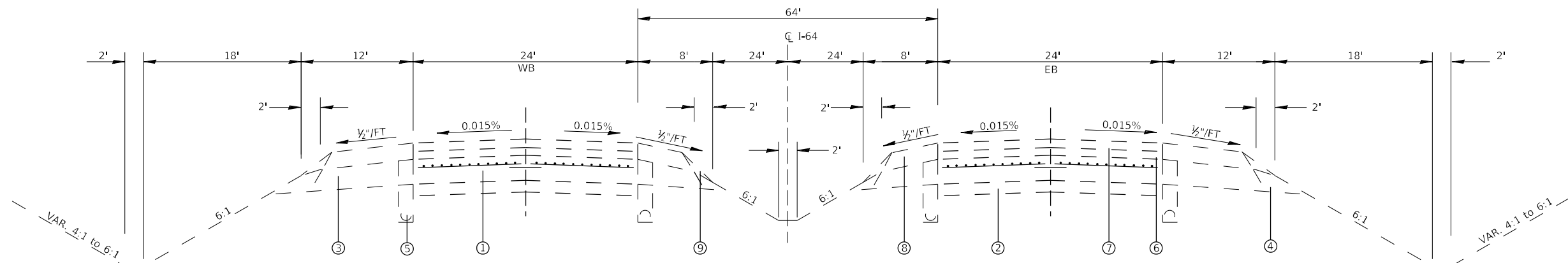
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F.A.J RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(6,7,8)PP-1	ST. CLAIR	29	11
			CONTRACT NO. 76P88	
		ILLINOIS FED. AID PROJECT		



EXISTING TYPICAL SECTION
STA. 744+15 TO STA. 782+26.74

- LEGEND B (EXISTING)**
- ① CONTINUOUSLY REINFORCED PCC PAVEMENT 8"
 - ② STABILIZED SUB-BASE 4"
 - ③ STABILIZED SHOULDERS 8"
 - ④ AGGREGATE SHOULDER
 - ⑤ PIPE UNDERDRAINS 4"
 - ⑥ BITUMINOUS BINDER COURSE, N=105, 2 1/4"
 - ⑦ BITUMINOUS CONCRETE SURFACE COURSE, STONE MATRIX ASPHALT, 1 1/2"
 - ⑧ BITUMINOUS SHOULDERS SUPERPAVE
 - ⑨ AGGREGATE SHOULDER WEDGE, TYPE B



EXISTING TYPICAL SECTION
STA. 784+26.74 TO STA. 848+72.28

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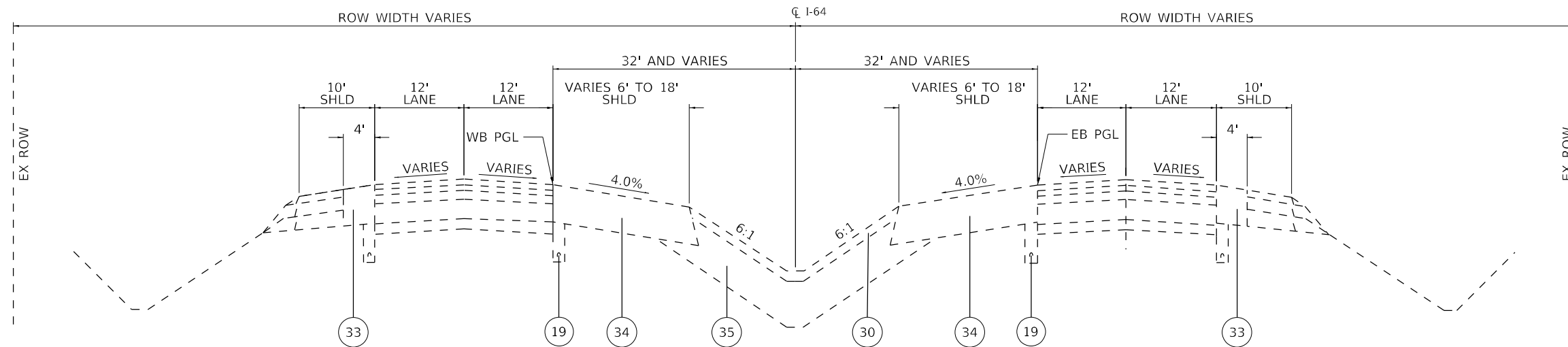
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: NTS SHEET 8 OF 18 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(6,7,8)PP-1	ST. CLAIR	29	12
CONTRACT NO. 76P88				
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION

STA 848+72.28 TO STA 854+72.28
STA 999+91.46 TO STA 1005+91.46

LEGEND C (EXISTING)

- | | | | |
|--|--|--|---|
| ① CONTINUOUSLY REINFORCED PCC PAVEMENT, 8" | ⑩ LONGITUDINAL CONSTRUCTION JOING - USE NO. 6 TIE BARS AT 24" CTS AND 30" LONG, FORMED IN PLACE (COST INCLUDED IN PCC ITEMS) | ⑱ PIPE UNDERDRAINS, 6" | ⑳ AGGREAGE BASE COURSE, TYPE A, 12" |
| ② PCC PAVEMENT, 10" | ⑪ LONGITUDINAL SAWED JOINT - USE NO. 6 TIE BARS AT 30" CTS AND 30" LONG (COST INCLUDED IN PCC ITEMS) | ⑲ PIPE UNDERDRAINS, 4" | ㉑ TOPSOIL EXCAVATION AND PLACEMENT, 4" |
| ③ LONGITUDINAL CONSTRUCTION JOINT - USE NO. 6 TIE BARS AT 24" CTS AND 24" LONG, DRILLED AND GROUTED (COST INCLUDED IN PCC ITEMS) | ⑫ POURIOUS GRANULAR EMBANKMENT, SUBGRADE | ㉒ STORM SEWER | ㉒ COURSE AGGREGATE |
| ④ PCC SHOULDERS, 8" | ⑬ AGGREGATE SHOULDER, TYPE B | ㉓ FILTER FABRIC | ㉓ INCIDENTAL HMA SURFACING, 3" |
| ⑤ POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2" | ⑭ PCC SHOULDERS, 9" | ㉔ HMA SURFACE COURSE, MIX "C", N50, 2" | ㉔ HMA PAVEMENT (FULL DEPTH), 12" (2' SURFACE COURSE, 11" BINDER COURSE) |
| ⑥ PCC SHOULDERS, 10" | ⑮ HMA PAVEMENT (FULL DEPTH), 12 1/2" (2" SURFACE COURSE, 10 1/2" BINDER COURSE) | ㉕ BITUMINOUS MATERIALS (PRIME COAT) | ㉕ HMA SHOULDERS, 13" |
| ⑦ HMA SHOULDERS, 8" | ⑯ HMA PACEMENT (FULL DEPTH), 13 1/2" (2" SURFACE COURSE, 11 1/2" BINDER COURSE) | ㉖ COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24 | ㉖ EMBANKMENT |
| ⑧ PCC PAVEMENT, 9" (JOINTED) | ⑰ CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT | ㉗ COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.06 | ㉗ SEE PAVEMENT LOG DETAIL - RAMPS ADJACENT TO I-64 |
| ⑨ POLYMERIZED HMA BINDER COURSE, IL-19.0, FG, N90, 4" | | ㉘ CONCRETE MEDIAN SURFACE, 4" | ㉘ STABILIZED SUBBASE - HMA, 4" |
| | | ㉙ PAVEMENT FABRIC | |

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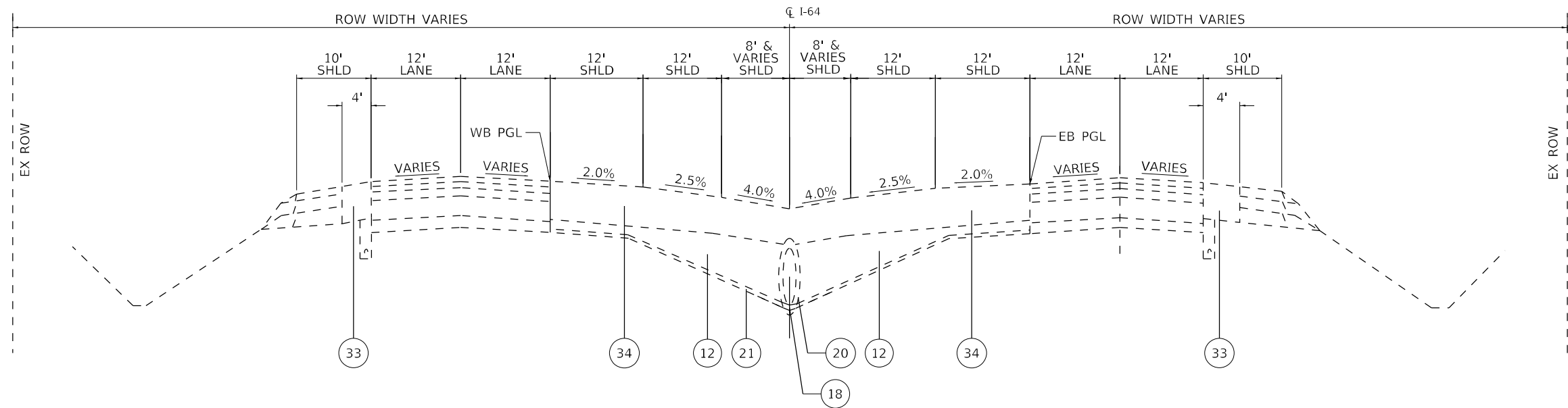
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: NTS SHEET 9 OF 18 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(6,7,8)PP-1	ST. CLAIR	29	13
CONTRACT NO. 76P88			ILLINOIS FED. AID PROJECT	



EXISTING TYPICAL SECTION

STA 854+72.28 TO STA 855+12.28
STA 999+51.46 TO STA 999+91.46

LEGEND C (EXISTING)

- | | | | |
|--|--|--|---|
| ① CONTINUOUSLY REINFORCED PCC PAVEMENT, 8" | ⑩ LONGITUDINAL CONSTRUCTION JOING - USE NO. 6 TIE BARS AT 24" CTS AND 30" LONG, FORMED IN PLACE (COST INCLUDED IN PCC ITEMS) | ⑱ PIPE UNDERDRAINS, 6" | ⑳ AGGREAGE BASE COURSE, TYPE A, 12" |
| ② PCC PAVEMENT, 10" | ⑪ LONGITUDINAL SAWED JOINT - USE NO. 6 TIE BARS AT 30" CTS AND 30" LONG (COST INCLUDED IN PCC ITEMS) | ⑲ PIPE UNDERDRAINS, 4" | ㉑ TOPSOIL EXCAVATION AND PLACEMENT, 4" |
| ③ LONGITUDINAL CONSTRUCTION JOINT - USE NO. 6 TIE BARS AT 24" CTS AND 24" LONG, DRILLED AND GROUTED (COST INCLUDED IN PCC ITEMS) | ⑫ POURIOUS GRANULAR EMBANKMENT, SUBGRADE | ㉒ STORM SEWER | ㉒ COURSE AGGREGATE |
| ④ PCC SHOULDERS, 8" | ⑬ AGGREGATE SHOULDER, TYPE B | ㉓ FILTER FABRIC | ㉓ INCIDENTAL HMA SURFACING, 3" |
| ⑤ POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2" | ⑭ PCC SHOULDERS, 9" | ㉔ HMA SURFACE COURSE, MIX "C", N50, 2" | ㉔ HMA PAVEMENT (FULL DEPTH), 12" (2' SURFACE COURSE, 11" BINDER COURSE) |
| ⑥ PCC SHOULDERS, 10" | ⑮ HMA PAVEMENT (FULL DEPTH), 12 1/2" (2" SURFACE COURSE, 10 1/2" BINDER COURSE) | ㉕ BITUMINOUS MATERIALS (PRIME COAT) | ㉕ HMA SHOULDERS, 13" |
| ⑦ HMA SHOULDERS, 8" | ⑯ HMA PACEMENT (FULL DEPTH), 13 1/2" (2" SURFACE COURSE, 11 1/2" BINDER COURSE) | ㉖ COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24 | ㉖ EMBANKMENT |
| ⑧ PCC PAVEMENT, 9" (JOINTED) | ⑰ CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT | ㉗ COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.06 | ㉗ SEE PAVEMENT LOG DETAIL - RAMPS ADJACENT TO I-64 |
| ⑨ POLYMERIZED HMA BINDER COURSE, IL-19.0, FG, N90, 4" | | ㉘ CONCRETE MEDIAN SURFACE, 4" | ㉘ STABILIZED SUBBASE - HMA, 4" |
| | | ㉙ PAVEMENT FABRIC | |

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DATE: 11/1/2021

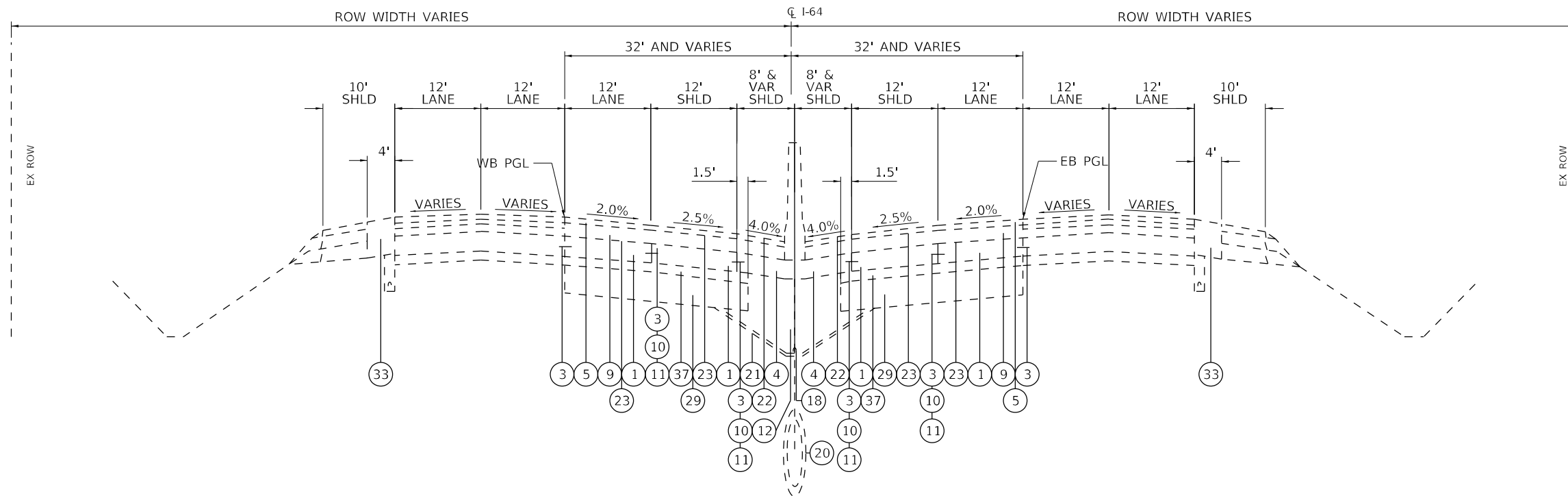
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: NTS SHEET 10 OF 18 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(6,7,8)PP-1	ST. CLAIR	29	14
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76P88	



EXISTING TYPICAL SECTION

STA 855+12.28 TO STA 857+80.69
STA 905+27.07 TO STA 973+32.12 WB
STA 987+02.34 TO STA 993+50.00 WB
STA 905+27.07 TO STA 978+54.94 EB
STA 986+56.22 TO STA 993+50.00 EB

LEGEND C (EXISTING)

- | | | | |
|--|--|--|---|
| ① CONTINUOUSLY REINFORCED PCC PAVEMENT, 8" | ⑩ LONGITUDINAL CONSTRUCTION JOING - USE NO. 6 TIE BARS AT 24" CTS AND 30" LONG, FORMED IN PLACE (COST INCLUDED IN PCC ITEMS) | ⑱ PIPE UNDERDRAINS, 6" | ⑳ AGGREAGE BASE COURSE, TYPE A, 12" |
| ② PCC PAVEMENT, 10" | ⑪ LONGITUDINAL SAWED JOINT - USE NO. 6 TIE BARS AT 30" CTS AND 30" LONG (COST INCLUDED IN PCC ITEMS) | ⑲ PIPE UNDERDRAINS, 4" | ㉑ TOPSOIL EXCAVATION AND PLACEMENT, 4" |
| ③ LONGITUDINAL CONSTRUCTION JOINT - USE NO. 6 TIE BARS AT 24" CTS AND 24" LONG, DRILLED AND GROUTED (COST INCLUDED IN PCC ITEMS) | ⑫ POURIOUS GRANULAR EMBANKMENT, SUBGRADE | ㉒ STORM SEWER | ㉒ COURSE AGGREGATE |
| ④ PCC SHOULDERS, 8" | ⑬ AGGREGATE SHOULDER, TYPE B | ㉓ FILTER FABRIC | ㉓ INCIDENTAL HMA SURFACING, 3" |
| ⑤ POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2" | ⑭ PCC SHOULDERS, 9" | ㉔ HMA SURFACE COURSE, MIX "C", N50, 2" | ㉔ HMA PAVEMENT (FULL DEPTH), 12" (2' SURFACE COURSE, 11" BINDER COURSE) |
| ⑥ PCC SHOULDERS, 10" | ⑮ HMA PAVEMENT (FULL DEPTH), 12 1/2" (2" SURFACE COURSE, 10 1/2" BINDER COURSE) | ㉕ BITUMINOUS MATERIALS (PRIME COAT) | ㉕ HMA SHOULDERS, 13" |
| ⑦ HMA SHOULDERS, 8" | ⑯ HMA PACEMENT (FULL DEPTH), 13 1/2" (2" SURFACE COURSE, 11 1/2" BINDER COURSE) | ㉖ COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24 | ㉖ EMBANKMENT |
| ⑧ PCC PAVEMENT, 9" (JOINTED) | ⑰ CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT | ㉗ COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.06 | ㉗ SEE PAVEMENT LOG DETAIL - RAMPS ADJACENT TO I-64 |
| ⑨ POLYMERIZED HMA BINDER COURSE, IL-19.0, FG, N90, 4" | | ㉘ CONCRETE MEDIAN SURFACE, 4" | ㉘ STABILIZED SUBBASE - HMA, 4" |
| | | ㉙ PAVEMENT FABRIC | |

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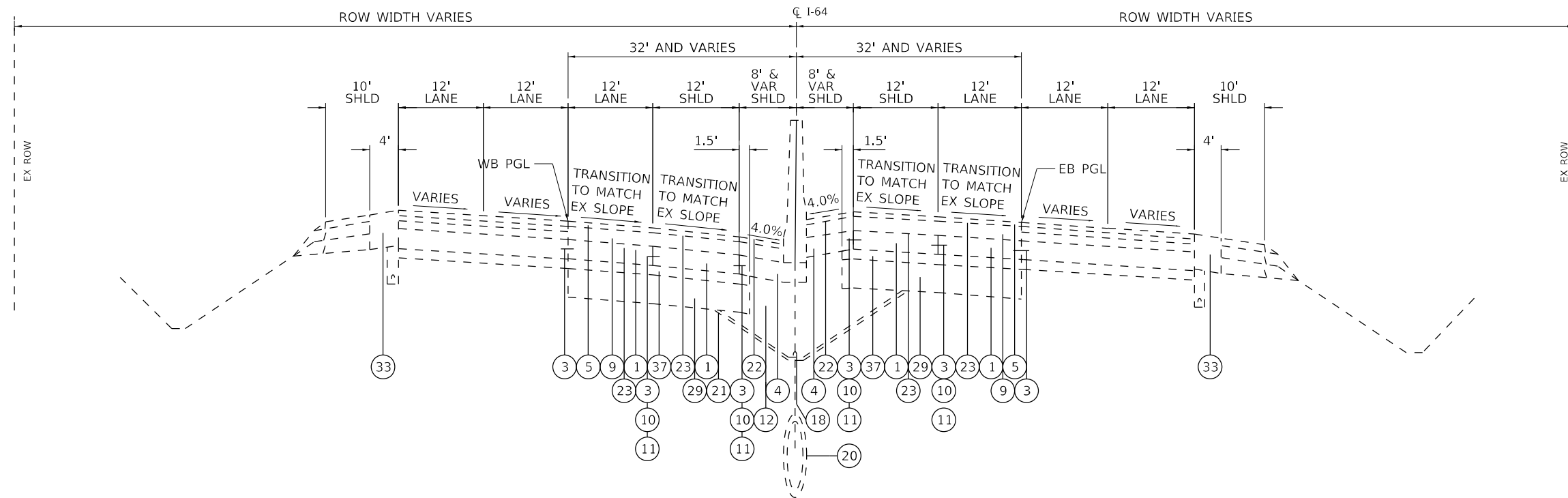
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: NTS SHEET 11 OF 18 SHEETS STA. TO STA.

F.A.J RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(6,7,8)PP-1	ST. CLAIR	29	15
CONTRACT NO. 76P88			ILLINOIS FED. AID PROJECT	



EXISTING TYPICAL SECTION

STA 857+80.69 TO STA 860+41.54
STA EQU 859+68.19 BK = STA 859+81.54 AHD
STA 902+79.57 TO STA 905+27.07

LEGEND C (EXISTING)

- | | | | |
|--|--|--|---|
| ① CONTINUOUSLY REINFORCED PCC PAVEMENT, 8" | ⑩ LONGITUDINAL CONSTRUCTION JOING - USE NO. 6 TIE BARS AT 24" CTS AND 30" LONG, FORMED IN PLACE (COST INCLUDED IN PCC ITEMS) | ⑱ PIPE UNDERDRAINS, 6" | ⑳ AGGREAGE BASE COURSE, TYPE A, 12" |
| ② PCC PAVEMENT, 10" | ⑪ LONGITUDINAL SAWED JOINT - USE NO. 6 TIE BARS AT 30" CTS AND 30" LONG (COST INCLUDED IN PCC ITEMS) | ⑲ PIPE UNDERDRAINS, 4" | ㉑ TOPSOIL EXCAVATION AND PLACEMENT, 4" |
| ③ LONGITUDINAL CONSTRUCTION JOINT - USE NO. 6 TIE BARS AT 24" CTS AND 24" LONG, DRILLED AND GROUTED (COST INCLUDED IN PCC ITEMS) | ⑫ POURIOUS GRANULAR EMBANKMENT, SUBGRADE | ㉒ STORM SEWER | ㉒ COURSE AGGREGATE |
| ④ PCC SHOULDERS, 8" | ⑬ AGGREGATE SHOULDER, TYPE B | ㉓ FILTER FABRIC | ㉓ INCIDENTAL HMA SURFACING, 3" |
| ⑤ POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2" | ⑭ PCC SHOULDERS, 9" | ㉔ HMA SURFACE COURSE, MIX "C", N50, 2" | ㉔ HMA PAVEMENT (FULL DEPTH), 12" (2' SURFACE COURSE, 11" BINDER COURSE) |
| ⑥ PCC SHOULDERS, 10" | ⑮ HMA PAVEMENT (FULL DEPTH), 12 1/2" (2" SURFACE COURSE, 10 1/2" BINDER COURSE) | ㉕ BITUMINOUS MATERIALS (PRIME COAT) | ㉕ HMA SHOULDERS, 13" |
| ⑦ HMA SHOULDERS, 8" | ⑯ HMA PACEMENT (FULL DEPTH), 13 1/2" (2" SURFACE COURSE, 11 1/2" BINDER COURSE) | ㉖ COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24 | ㉖ EMBANKMENT |
| ⑧ PCC PAVEMENT, 9" (JOINTED) | ⑰ CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT | ㉗ COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.06 | ㉗ SEE PAVEMENT LOG DETAIL - RAMPS ADJACENT TO I-64 |
| ⑨ POLYMERIZED HMA BINDER COURSE, IL-19.0, FG, N90, 4" | | ㉘ CONCRETE MEDIAN SURFACE, 4" | ㉘ STABILIZED SUBBASE - HMA, 4" |
| | | ㉙ PAVEMENT FABRIC | |

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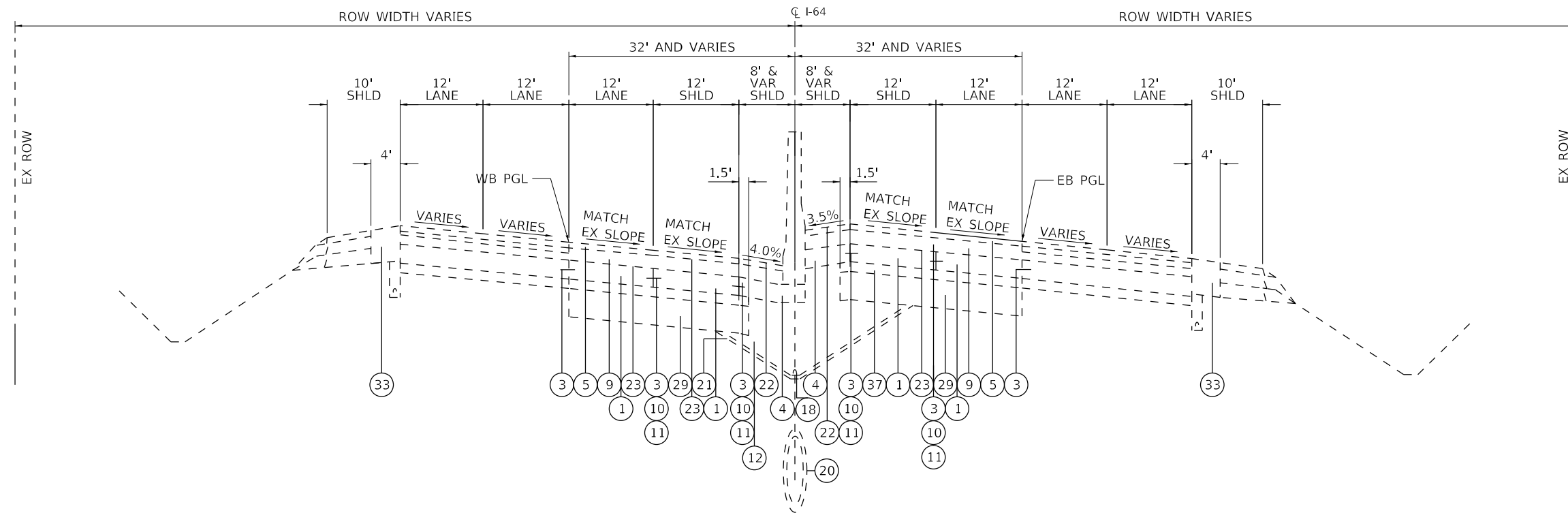
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: NTS SHEET 12 OF 18 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(6,7,8)PP-1	ST. CLAIR	29	16
CONTRACT NO. 76P88			ILLINOIS FED. AID PROJECT	



EXISTING TYPICAL SECTION

STA 860+41.54 TO STA 902+79.57

LEGEND C (EXISTING)

- | | | | |
|--|--|--|---|
| ① CONTINUOUSLY REINFORCED PCC PAVEMENT, 8" | ⑩ LONGITUDINAL CONSTRUCTION JOING - USE NO. 6 TIE BARS AT 24" CTS AND 30" LONG, FORMED IN PLACE (COST INCLUDED IN PCC ITEMS) | ⑱ PIPE UNDERDRAINS, 6" | ⑳ AGGREAGE BASE COURSE, TYPE A, 12" |
| ② PCC PAVEMENT, 10" | ⑪ LONGITUDINAL SAWED JOINT - USE NO. 6 TIE BARS AT 30" CTS AND 30" LONG (COST INCLUDED IN PCC ITEMS) | ⑲ PIPE UNDERDRAINS, 4" | ㉑ TOPSOIL EXCAVATION AND PLACEMENT, 4" |
| ③ LONGITUDINAL CONSTRUCTION JOINT - USE NO. 6 TIE BARS AT 24" CTS AND 24" LONG, DRILLED AND GROUTED (COST INCLUDED IN PCC ITEMS) | ⑫ POUROUS GRANULAR EMBANKMENT, SUBGRADE | ⑳ STORM SEWER | ㉒ COURSE AGGREGATE |
| ④ PCC SHOULDERS, 8" | ⑬ AGGREGATE SHOULDER, TYPE B | ㉑ FILTER FABRIC | ㉓ INCIDENTAL HMA SURFACING, 3" |
| ⑤ POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2" | ⑭ PCC SHOULDERS, 9" | ㉒ HMA SURFACE COURSE, MIX "C", N50, 2" | ㉔ HMA PAVEMENT (FULL DEPTH), 12" (2' SURFACE COURSE, 11" BINDER COURSE) |
| ⑥ PCC SHOULDERS, 10" | ⑮ HMA PAVEMENT (FULL DEPTH), 12 1/2" (2" SURFACE COURSE, 10 1/2" BINDER COURSE) | ㉓ BITUMINOUS MATERIALS (PRIME COAT) | ㉕ HMA SHOULDERS, 13" |
| ⑦ HMA SHOULDERS, 8" | ⑯ HMA PACEMENT (FULL DEPTH), 13 1/2" (2" SURFACE COURSE, 11 1/2" BINDER COURSE) | ㉔ COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24 | ㉖ EMBANKMENT |
| ⑧ PCC PAVEMENT, 9" (JOINTED) | ⑰ CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT | ㉕ COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12 | ㉗ SEE PAVEMENT LOG DETAIL - RAMPS ADJACENT TO I-64 |
| ⑨ POLYMERIZED HMA BINDER COURSE, IL-19.0, FG, N90, 4" | | ㉖ COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.06 | ㉘ STABILIZED SUBBASE - HMA, 4" |
| | | ㉗ CONCRETE MEDIAN SURFACE, 4" | |
| | | ㉘ PAVEMENT FABRIC | |

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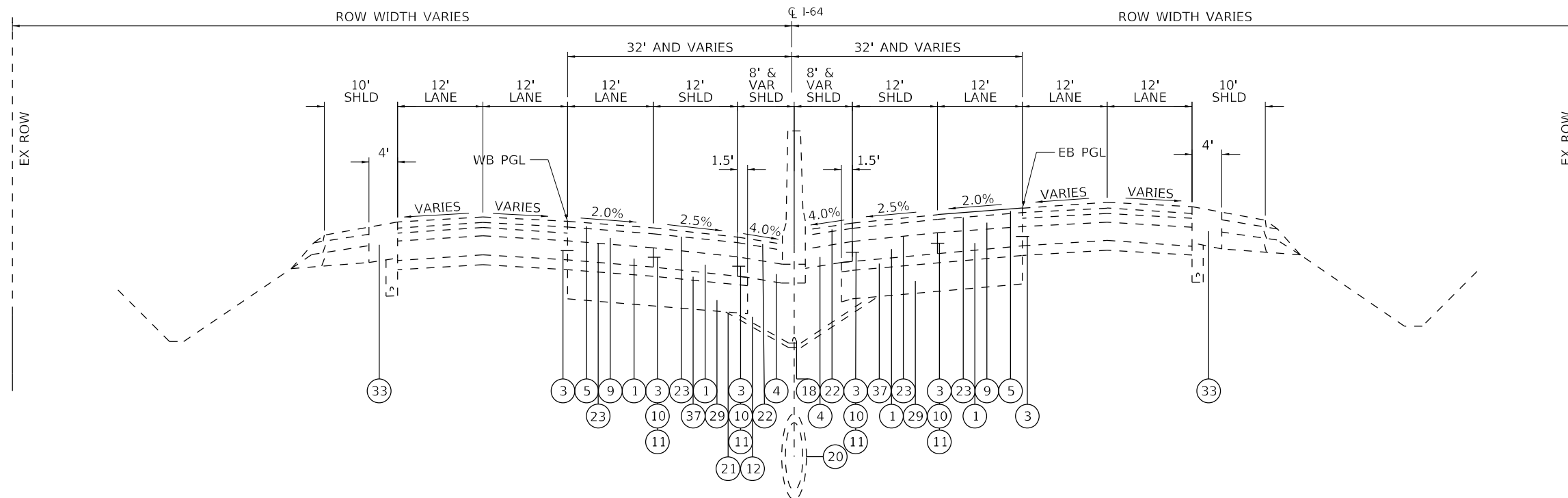
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: NTS SHEET 13 OF 18 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(6,7,8)PP-1	ST. CLAIR	29	17
CONTRACT NO. 76P88			ILLINOIS FED. AID PROJECT	



EXISTING TYPICAL SECTION

STA 993+50.00 TO STA 999+51.46

LEGEND C (EXISTING)

- | | | | |
|--|--|--|---|
| ① CONTINUOUSLY REINFORCED PCC PAVEMENT, 8" | ⑩ LONGITUDINAL CONSTRUCTION JOING - USE NO. 6 TIE BARS AT 24" CTS AND 30" LONG, FORMED IN PLACE (COST INCLUDED IN PCC ITEMS) | ⑱ PIPE UNDERDRAINS, 6" | ⑳ AGGREGATE BASE COURSE, TYPE A, 12" |
| ② PCC PAVEMENT, 10" | ⑪ LONGITUDINAL SAWED JOINT - USE NO. 6 TIE BARS AT 30" CTS AND 30" LONG (COST INCLUDED IN PCC ITEMS) | ⑲ PIPE UNDERDRAINS, 4" | ㉑ TOPSOIL EXCAVATION AND PLACEMENT, 4" |
| ③ LONGITUDINAL CONSTRUCTION JOINT - USE NO. 6 TIE BARS AT 24" CTS AND 24" LONG, DRILLED AND GROUTED (COST INCLUDED IN PCC ITEMS) | ⑫ POURIOUS GRANULAR EMBANKMENT, SUBGRADE | ⑳ STORM SEWER | ㉒ COURSE AGGREGATE |
| ④ PCC SHOULDERS, 8" | ⑬ AGGREGATE SHOULDER, TYPE B | ㉑ FILTER FABRIC | ㉓ INCIDENTAL HMA SURFACING, 3" |
| ⑤ POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2" | ⑭ PCC SHOULDERS, 9" | ㉒ HMA SURFACE COURSE, MIX "C", N50, 2" | ㉔ HMA PAVEMENT (FULL DEPTH), 12" (2' SURFACE COURSE, 11" BINDER COURSE) |
| ⑥ PCC SHOULDERS, 10" | ⑮ HMA PAVEMENT (FULL DEPTH), 12 1/2" (2" SURFACE COURSE, 10 1/2" BINDER COURSE) | ㉓ BITUMINOUS MATERIALS (PRIME COAT) | ㉕ HMA SHOULDERS, 13" |
| ⑦ HMA SHOULDERS, 8" | ⑯ HMA PAVEMENT (FULL DEPTH), 13 1/2" (2" SURFACE COURSE, 11 1/2" BINDER COURSE) | ㉔ COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24 | ㉖ EMBANKMENT |
| ⑧ PCC PAVEMENT, 9" (JOINTED) | ⑰ CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT | ㉕ COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12 | ㉗ SEE PAVEMENT LOG DETAIL - RAMPS ADJACENT TO I-64 |
| ⑨ POLYMERIZED HMA BINDER COURSE, IL-19.0, FG, N90, 4" | | ㉖ COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.06 | ㉘ STABILIZED SUBBASE - HMA, 4" |
| | | ㉗ CONCRETE MEDIAN SURFACE, 4" | |
| | | ㉘ PAVEMENT FABRIC | |

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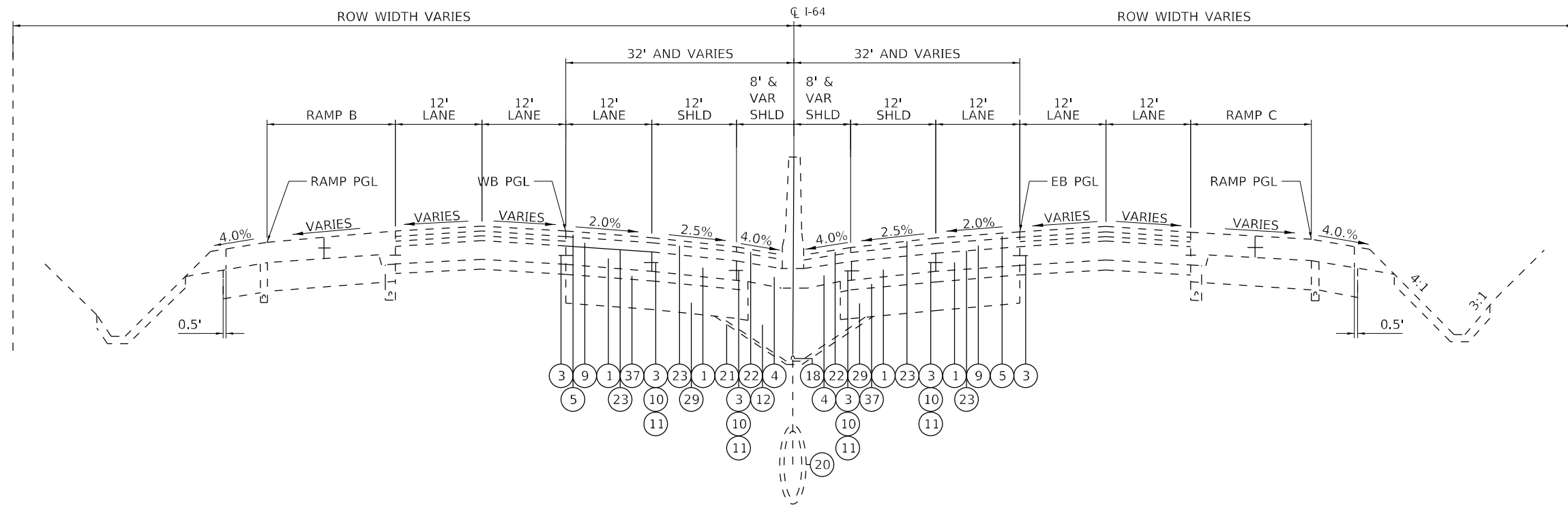
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: NTS SHEET 14 OF 18 SHEETS STA. TO STA.

F.A.J RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(6,7,8)PP-1	ST. CLAIR	29	18
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76P88	



EXISTING TYPICAL SECTION

STA 973+32.12 TO STA 987+02.34 WB
STA 978+54.94 TO STA 986+56.22 EB

LEGEND C (EXISTING)

- | | | | |
|--|--|--|---|
| ① CONTINUOUSLY REINFORCED PCC PAVEMENT, 8" | ⑩ LONGITUDINAL CONSTRUCTION JOING - USE NO. 6 TIE BARS AT 24" CTS AND 30" LONG, FORMED IN PLACE (COST INCLUDED IN PCC ITEMS) | ⑱ PIPE UNDERDRAINS, 6" | ⑳ AGGREAGE BASE COURSE, TYPE A, 12" |
| ② PCC PAVEMENT, 10" | ⑪ LONGITUDINAL SAWED JOINT - USE NO. 6 TIE BARS AT 30" CTS AND 30" LONG (COST INCLUDED IN PCC ITEMS) | ⑲ PIPE UNDERDRAINS, 4" | ㉑ TOPSOIL EXCAVATION AND PLACEMENT, 4" |
| ③ LONGITUDINAL CONSTRUCTION JOINT - USE NO. 6 TIE BARS AT 24" CTS AND 24" LONG, DRILLED AND GROUTED (COST INCLUDED IN PCC ITEMS) | ⑫ POUROUS GRANULAR EMBANKMENT, SUBGRADE | ㉒ STORM SEWER | ㉒ COURSE AGGREGATE |
| ④ PCC SHOULDERS, 8" | ⑬ AGGREGATE SHOULDER, TYPE B | ㉓ FILTER FABRIC | ㉓ INCIDENTAL HMA SURFACING, 3" |
| ⑤ POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2" | ⑭ PCC SHOULDERS, 9" | ㉔ HMA SURFACE COURSE, MIX "C", N50, 2" | ㉔ HMA PAVEMENT (FULL DEPTH), 12" (2' SURFACE COURSE, 11" BINDER COURSE) |
| ⑥ PCC SHOULDERS, 10" | ⑮ HMA PAVEMENT (FULL DEPTH), 12 1/2" (2" SURFACE COURSE, 10 1/2" BINDER COURSE) | ㉕ BITUMINOUS MATERIALS (PRIME COAT) | ㉕ HMA SHOULDERS, 13" |
| ⑦ HMA SHOULDERS, 8" | ⑯ HMA PACEMENT (FULL DEPTH), 13 1/2" (2" SURFACE COURSE, 11 1/2" BINDER COURSE) | ㉖ COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24 | ㉖ EMBANKMENT |
| ⑧ PCC PAVEMENT, 9" (JOINTED) | ⑰ CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT | ㉗ COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.06 | ㉗ SEE PAVEMENT LOG DETAIL - RAMPS ADJACENT TO I-64 |
| ⑨ POLYMERIZED HMA BINDER COURSE, IL-19.0, FG, N90, 4" | | ㉘ CONCRETE MEDIAN SURFACE, 4" | ㉘ STABILIZED SUBBASE - HMA, 4" |
| | | ㉙ PAVEMENT FABRIC | |

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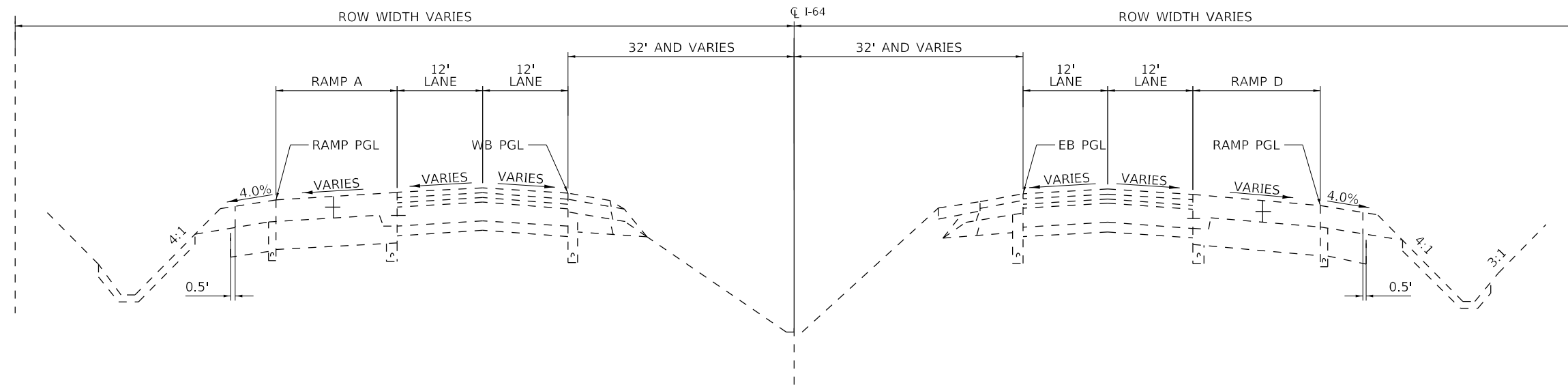
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: NTS SHEET 15 OF 18 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(6,7,8)PP-1	ST. CLAIR	29	19
CONTRACT NO. 76P88			ILLINOIS FED. AID PROJECT	



EXISTING TYPICAL SECTION

STA 1005+91.46 TO STA 1008+10.20 EB
STA 1009+91.46 TO STA 1009+89.51 WB
STA 1008+10.20 TO STA 1021+85.10 EB
STA 1009+89.51 TO STA 1017+90.79 WB

LEGEND C (EXISTING)

- | | | | |
|--|--|--|---|
| ① CONTINUOUSLY REINFORCED PCC PAVEMENT, 8" | ⑩ LONGITUDINAL CONSTRUCTION JOING - USE NO. 6 TIE BARS AT 24" CTS AND 30" LONG, FORMED IN PLACE (COST INCLUDED IN PCC ITEMS) | ⑱ PIPE UNDERDRAINS, 6" | ⑳ AGGREAGE BASE COURSE, TYPE A, 12" |
| ② PCC PAVEMENT, 10" | ⑪ LONGITUDINAL SAWED JOINT - USE NO. 6 TIE BARS AT 30" CTS AND 30" LONG (COST INCLUDED IN PCC ITEMS) | ⑲ PIPE UNDERDRAINS, 4" | ㉑ TOPSOIL EXCAVATION AND PLACEMENT, 4" |
| ③ LONGITUDINAL CONSTRUCTION JOINT - USE NO. 6 TIE BARS AT 24" CTS AND 24" LONG, DRILLED AND GROUTED (COST INCLUDED IN PCC ITEMS) | ⑫ POUROUS GRANULAR EMBANKMENT, SUBGRADE | ⑳ STORM SEWER | ㉒ COURSE AGGREGATE |
| ④ PCC SHOULDERS, 8" | ⑬ AGGREGATE SHOULDER, TYPE B | ㉑ FILTER FABRIC | ㉓ INCIDENTAL HMA SURFACING, 3" |
| ⑤ POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2" | ⑭ PCC SHOULDERS, 9" | ㉒ HMA SURFACE COURSE, MIX "C", N50, 2" | ㉔ HMA PAVEMENT (FULL DEPTH), 12" (2' SURFACE COURSE, 11" BINDER COURSE) |
| ⑥ PCC SHOULDERS, 10" | ⑮ HMA PAVEMENT (FULL DEPTH), 12 1/2" (2" SURFACE COURSE, 10 1/2" BINDER COURSE) | ㉓ BITUMINOUS MATERIALS (PRIME COAT) | ㉕ HMA SHOULDERS, 13" |
| ⑦ HMA SHOULDERS, 8" | ⑯ HMA PACEMENT (FULL DEPTH), 13 1/2" (2" SURFACE COURSE, 11 1/2" BINDER COURSE) | ㉔ COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24 | ㉖ EMBANKMENT |
| ⑧ PCC PAVEMENT, 9" (JOINTED) | ⑰ CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT | ㉕ COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12 | ㉗ SEE PAVEMENT LOG DETAIL - RAMPS ADJACENT TO I-64 |
| ⑨ POLYMERIZED HMA BINDER COURSE, IL-19.0, FG, N90, 4" | | ㉖ COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.06 | ㉘ STABILIZED SUBBASE - HMA, 4" |
| | | ㉗ CONCRETE MEDIAN SURFACE, 4" | |
| | | ㉘ PAVEMENT FABRIC | |

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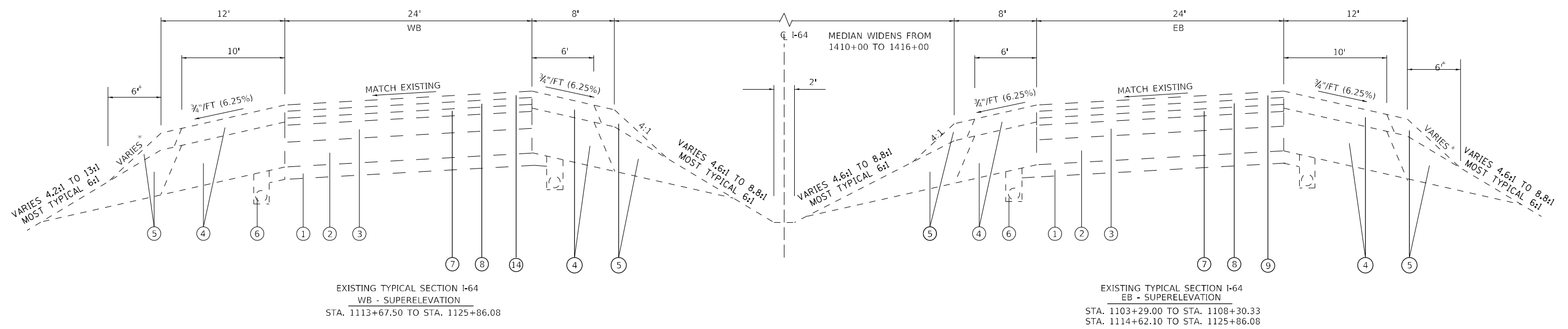
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: NTS SHEET 16 OF 18 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(6,7,8)PP-1	ST. CLAIR	29	20
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76P88	



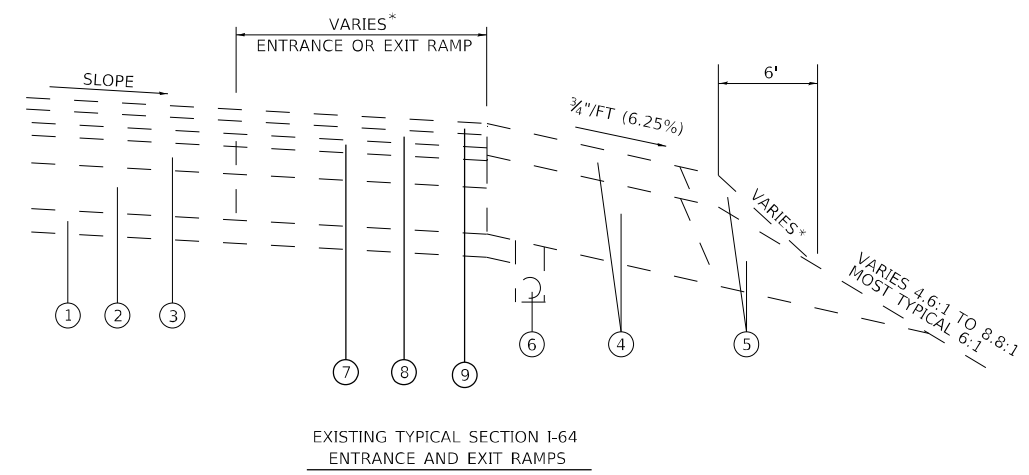
EXISTING TYPICAL SECTION I-64
WB - SUPERELEVATION
STA. 1113+67.50 TO STA. 1125+86.08

EXISTING TYPICAL SECTION I-64
EB - SUPERELEVATION
STA. 1103+29.00 TO STA. 1108+30.33
STA. 1114+62.10 TO STA. 1125+86.08

* TOUCH-DOWN POINT FOR AGGREGATE SHOULDER WEDGE, TYPE B, TO EXISTING SLOPE SHALL BE 6' FROM EDGE OF SHOULDER. THE FLATEST SLOPE POSSIBLE SHALL BE USED WITHIN THE 6' MAXIMUM HORIZONTAL DISTANCE. THE STEEPEST ALLOWABLE AGGREGATE SLOPE SHALL BE 3:1.

LEGEND E (EXISTING)

- ① EXISTING SUB-BASE 4"
- ② EXISTING C.R.P.C.C. PAVEMENT 8"
- ③ EXISTING RESURFACING 5-1/2" OR 7-1/4"
- ④ EXISTING BITUMINOUS SHOULDER
- ⑤ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑥ EXISTING PIPE UNDERDRAINS
- ⑦ PROPOSED HOT MIX ASPHALT BINDER COURSE, IL-19.0, N105 2 1/4"
- ⑧ PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE N-105 4 1/2"
- ⑨ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE STONE MATRIX ASPHALT N80 2"



EASTBOUND
STA. 1108+30.33 TO STA. 1114+62.10

WESTBOUND
STA. 1103+03.00 TO STA. 1113+67.50

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PLOT DATE = 11/1/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NTS SHEET 18 OF 18 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(6,7,8)PP-1	ST. CLAIR	29	22
CONTRACT NO. 76P88			ILLINOIS FED. AID PROJECT	

PARTIAL DEPTH PATCHING SCHEDULE

MILE STATION	LANE	DIMENSIONS		PARTIAL DEPTH REMOVAL				PARTIAL DEPTH PATCHING
		LENGTH	WIDTH	TY-I, 2"	TY-II, 2"	TY-III, 2"	TY-IV, 2"	
		FOOT	FOOT	SQ YD	SQ YD	SQ YD	SQ YD	TON
WB 10.64	I-64 AT IL Route 4							
WB 10.636	CL	50	3		16.7			2
WB 10.33	RAMP	130	3		43.3			5
WB 9.94	CL	3675	3				1225.0	138
WB 9.39	CL	990	3				330.0	37
WB 9.18	CL	175	3			58.3		7
WB 6.64	DRIVING CL	925	3				308.3	35
WB 6.49	DRIVING CL	120	3		40.0			5
WB 6.44	DRIVING CL	200	3			66.7		8
WB 6.33	DRIVING CL	250	3			83.3		10
WB 6.17	DRIVING CL	300	3				100.0	12
WB 4.32	DRIVING CL	20	3	6.7				1
WB 2.71	WB ON RAMP	120	3		40.0			5
WB 2.57	WB ON RAMP	120	3		40.0			5
WB 0.19	JOINT I-64 EAST OF IL ROUTE 159							
EB 0.19	JOINT I-64 EAST OF IL ROUTE 159							
EB 0.22	EB ON RAMP IL 159	40	4		17.8			2
EB 0.30	EB ON RAMP IL 159	400	3				133.3	15
EB 1.73	MIDDLE CL	250	3			83.3		10
EB 1.73	DRIVING CL	250	3			83.3		10
EB 2.11	DL	300	3				100.0	12
EB 5.59	DRIVING CL	120	3		40.0			5
EB 5.71	IL 158 SB OFF RAMP	300	3				100.0	12
EB 7.57	CL	300	3				100.0	12
EB 8.47	CL	300	3				100.0	12
EB 9.33	CL	80	3		26.7			3
SUB TOTAL				6.7	264.4	375.0	2496.7	363
ROUNDED TOTAL				7	264	375	2497	363

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PLOT DATE = 11/1/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(6,7,8)PP-1	ST. CLAIR	29	23
CONTRACT NO. 76P88				
ILLINOIS FED. AID PROJECT				

FULL DEPTH PATCHING SCHEDULE

MILE STATION	LANE	DIMENSIONS		CLASS A PATCHES			SAW CUTS	PATCHING REINFORCEMENT	TIE BARS 3/4"
		LENGTH	WIDTH	TY - II	TY - III	TY - IV			
		FOOT	FOOT	SQ YD	SQ YD	SQ YD	FOOT	SQ YD	EACH
WB 10.64	I-64 AT IL ROUTE 4								
		15 INCH (SPECIAL)							
WB 9.76	DL	12	6	8			48	8	
WB 8.98	DL	12	12		16		72	16	
		14 INCH (SPECIAL)							
WB 7.35	DL	12	6	8			48	8	
WB 7.28	WB OFF RAMP	12	6	8			48	8	
WB 5.94	DL	50	12			67	148	67	17
		12 INCH (SPECIAL)							
WB 5.28	DL	105	12			140	258	140	35
WB 3.76	ML	15	12		20		78	20	
WB 3.73	ML	15	12		20		78	20	
		13 INCH (SPECIAL)							
WB 1.59	ML	12	6	8			48	8	
WB 0.19	JOINT I-64 EAST OF IL ROUTE 159								
EB 0.19	JOINT I-64 EAST OF IL ROUTE 159								
EB 0.20	DL	12	12		16		72	16	
EB 1.97	DL	12	6	8			48	8	
EB 2.04	DL	12	12		16		72	16	
		12 INCH (SPECIAL)							
EB 3.55	DL	70	12			93	188	93	23
TOTAL		15 INCH (SPECIAL)		8	16				
TOTAL		14 INCH (SPECIAL)		16		67			
TOTAL		13 INCH (SPECIAL)		16	32				
TOTAL		12 INCH (SPECIAL)			40	233			
TOTAL							1206	428	75

DL - DRIVING LANE
 ML - MIDDLE LANE
 PL - PASSING LANE

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PLOT DATE = 11/1/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(6,7,8)PP-1	ST. CLAIR	29	24
CONTRACT NO. 76P88				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING SCHEDULE (FOR PARTIAL DEPTH PATCHES)

MILE STATION	LANE	DIMENSIONS		THERMOPLASTIC PAVEMENT MARKING - LINE 6"	PAINT PAVEMENT MARKING - LINE 6"	SHORT TERM PAVEMENT MARKING (ONE LIFT)	SHORT TERM PAVEMENT MARKING REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER ONE-WAY CRYSTAL	
		LENGTH	WIDTH							
				WHITE	WHITE					
		FOOT	FOOT	SKIP DASH	SKIP DASH	FOOT	SQ FT	EACH	EACH	
WB 10.64	I-64 AT IL Route 4									
WB 10.636	CL	50	3		13	8	3	1	1	
WB 10.33	RAMP	130	3		33	12	4	3	3	
WB 9.94	CL	3675	3	919		334	111	92	92	
WB 9.39	CL	990	3	248		90	30	25	25	
WB 9.18	CL	175	3		44	16	5	4	4	
WB 6.64	DCL	925	3	231		84	28	23	23	
WB 6.49	DCL	120	3		30	11	4	3	3	
WB 6.44	DCL	200	3		50	18	6	5	5	
WB 6.33	DCL	250	3		63	23	8	6	6	
WB 6.17	DCL	300	3		75	27	9	8	8	
WB 4.32	DCL	20	3		5	4	1	1	1	
WB 2.71	WB ON RAMP	120	3		30	11	4	3	3	
WB 2.57	WB ON RAMP	120	3		30	11	4	3	3	
WB 0.19	JOINT I-64 EAST OF IL ROUTE 159									
EB 0.19	JOINT I-64 EAST OF IL ROUTE 159									
EB 0.22	EB ON RAMP IL 159	40	4		10	4	1	1	1	
EB 0.30	EB ON RAMP IL 159	400	3		100	36	12	10	10	
EB 1.73	MIDDLE CL	250	3		63	23	8	6	6	
EB 1.73	DRIVING CL	250	3		63	23	8	6	6	
EB 2.11	DL	300	3		75	27	9	8	8	
EB 5.59	DRIVING CL	120	3		30	11	4	3	3	
EB 5.71	IL 158 SB OFF RAMP	300	3			27	9	8	8	
EB 7.57	CL	300	3		75	27	9	8	8	
EB 8.47	CL	300	3		75	27	9	8	8	
EB 9.33	CL	80	3		20	8	3	2	2	
SUB-TOTAL				1398	884	863	288	237	237	
QUANTITIES FROM PMS (FFDP)					395	104	29	18	18	
TOTAL				1398	1279	967	317	255	255	

DCL - DRIVING CENTER LINE

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PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET 3	OF 4	SHEETS	STA.	TO STA.	64	82-(6,7,8)PP-1	ST. CLAIR	29	25
PLOT DATE = 11/1/2021	CHECKED -	REVISED -		CONTRACT NO. 76P88										
	DATE -	REVISED -		ILLINOIS FED. AID PROJECT										

PAVEMENT MARKING SCHEDULE (FOR FULL DEPTH PATCHES)

MILE STATION	LANE	DIMENSIONS		PAINT PAVEMENT MARKING - LINE 6"			SHORT TERM PAVEMENT MARKING (1 LIFT)	SHORT TERM PAVEMENT MARKING REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	RAISED REFLECTIVE PAVEMENT MARKERS
		LENGTH	WIDTH	WHITE	WHITE	WHITE				
				SKIP DASH	SOLID	SKIP DASH (2'-6')				
FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	EACH	EACH		
WB	10.64	I-64 AT IL ROUTE 4								
				15 INCH						
WB	9.76	DL	12	6	3	12	8	3	1	1
WB	8.98	DL	12	12	3	12	8	3	1	1
					14 INCH					
WB	7.35	DL	12	6	3	12	8	3	1	1
WB	7.28	WB OFF RAMP	12	6	3		4	1	1	1
WB	5.94	DL	50	12	13	50	12	4	2	2
					12 INCH					
WB	5.28	DL	105	12	26	105	16		4	4
WB	3.76	ML	15	12	8		4	1	1	1
WB	3.73	ML	15	12	8		4	1	1	1
					13 INCH					
WB	1.59	ML	12	6	6		4	1	1	1
WB	0.19	JOINT I-64 EAST OF IL ROUTE 159								
EB	0.19	JOINT I-64 EAST OF IL ROUTE 159								
EB	0.20	DL	12	12	3	12	8	3	1	1
EB	1.97	DL	12	6	3	12	8	3	1	1
EB	2.04	DL	12	12		12	8	3	1	1
					12 INCH					
EB	3.55	DL	70	12	18	70	12	4	2	2
					95	297	3	104	29	18
						395				
						884		863	288	237
						1279		967	317	255

DL - DRIVING LANE
ML - MIDDLE LANE
PL - PASSING LANE

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

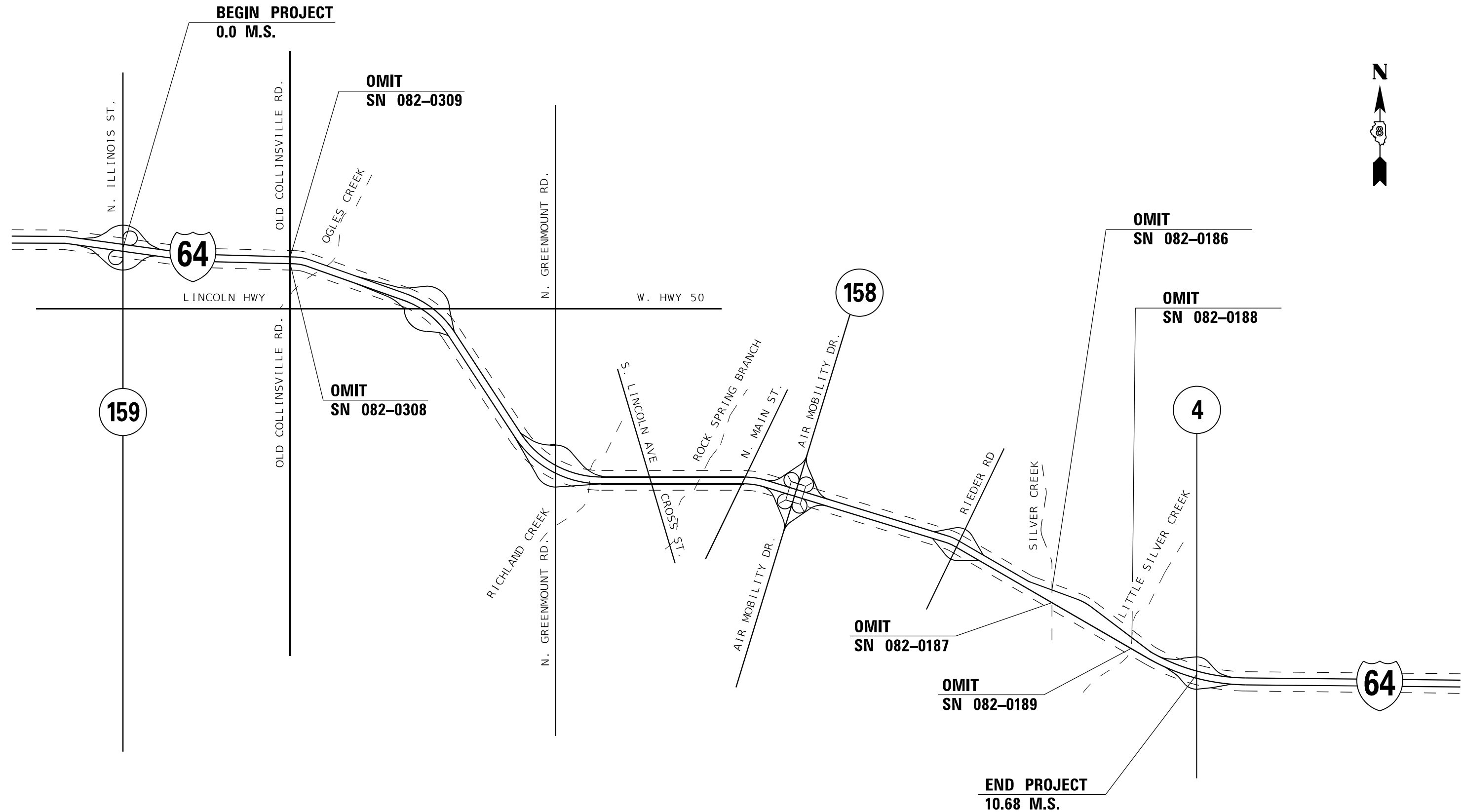
SCHEDULE OF QUANTITIES

SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(6,7,8)PP-1	ST. CLAIR	29	26
CONTRACT NO. 76P88			ILLINOIS FED. AID PROJECT	



**BEGIN PROJECT
0.0 M.S.**



NOT TO SCALE

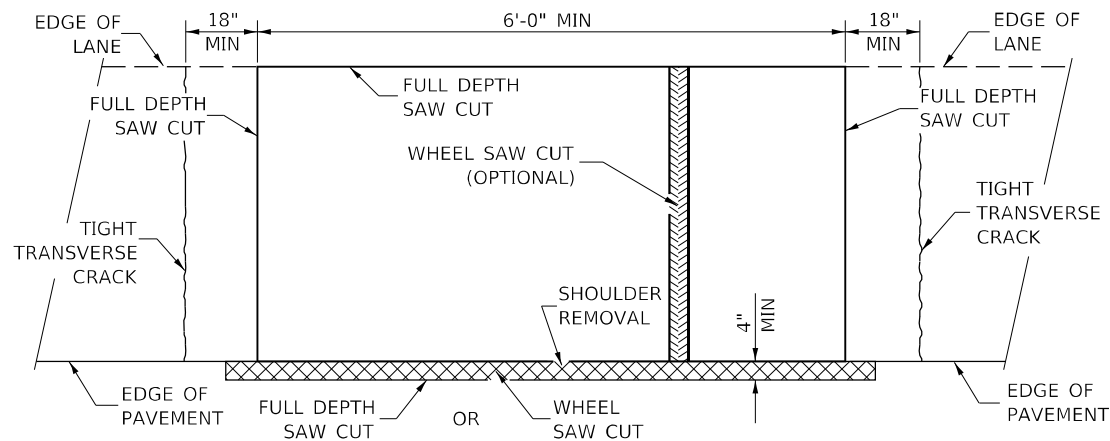
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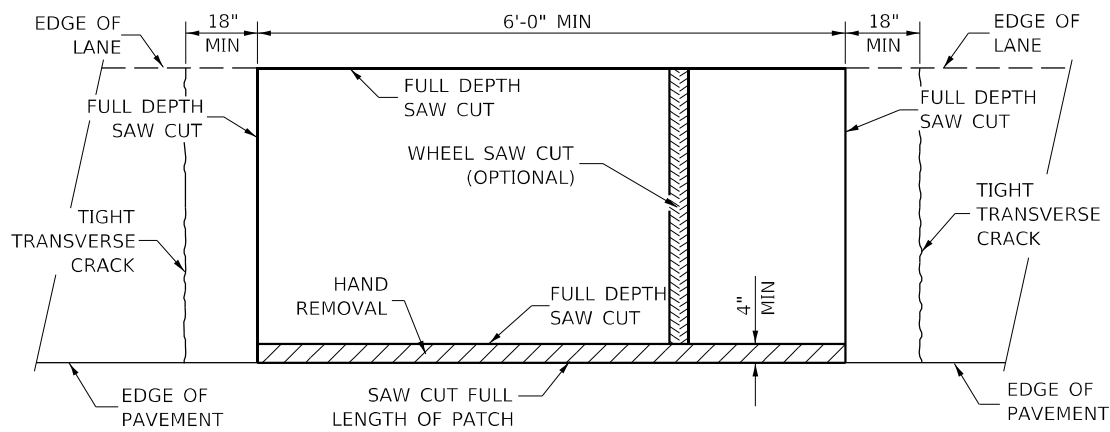
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION MAP			
SCALE: NTS	SHEET 1	OF 1 SHEETS	STA. TO STA.

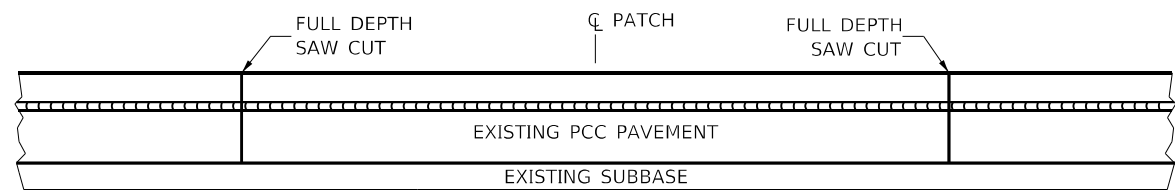
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CONTRACT NO. 76P88				
ILLINOIS FED. AID PROJECT				



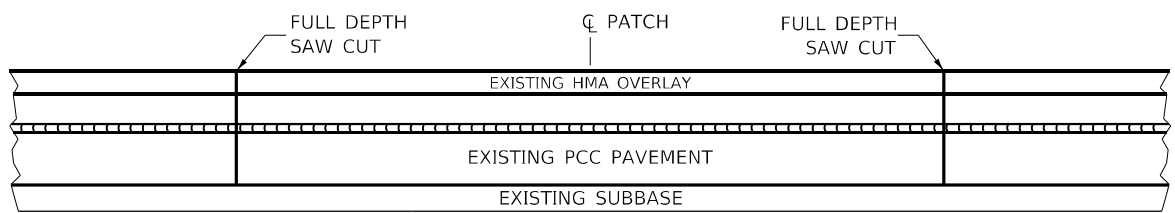
**PAVEMENT SAWING DETAIL
(HMA SHOULDER)**



**PAVEMENT SAWING DETAIL
(PCC SHOULDER)**

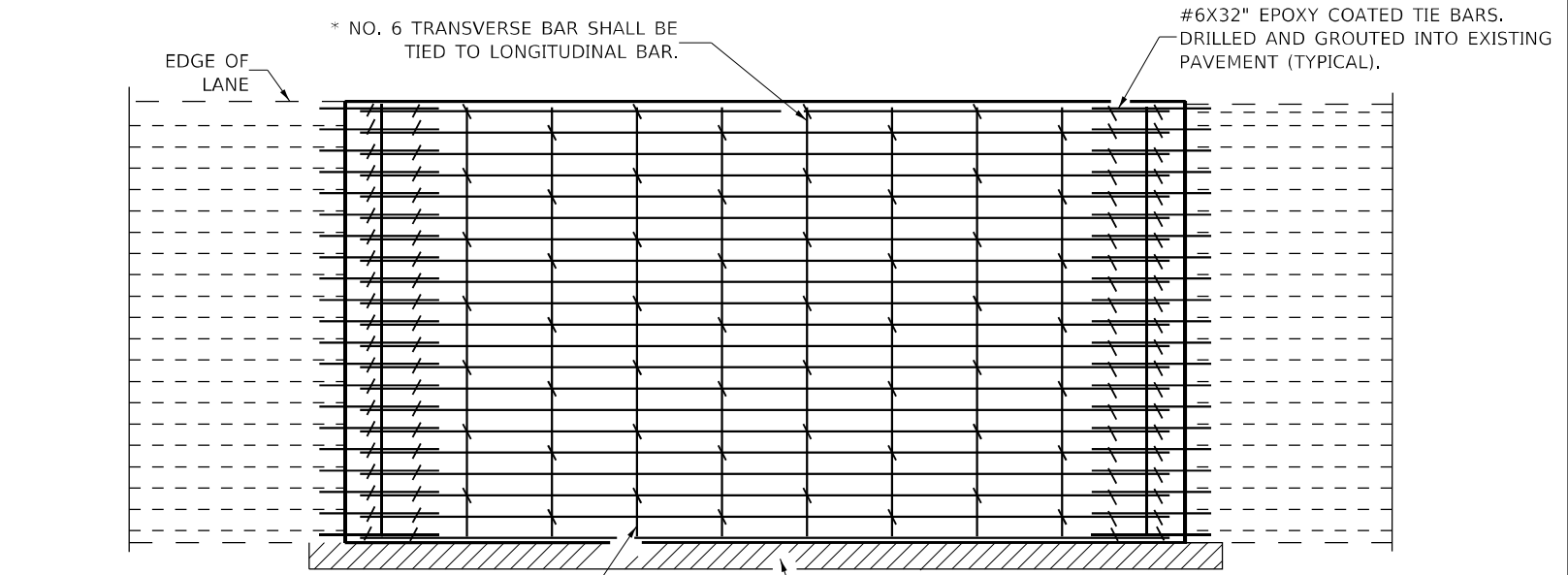


EXISTING PAVEMENT WITHOUT HMA SURFACE

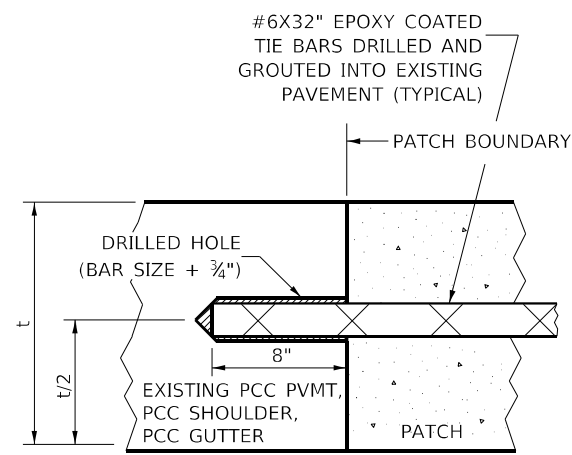


EXISTING PAVEMENT WITH HMA SURFACE

**PAVEMENT SAWING DETAIL FOR CLASS A PATCHING
(CRC PAVEMENT)**



PAVEMENT REINFORCEMENT DETAIL



LONGITUDINAL CONSTRUCTION JOINT

PATCHES MORE THAN 20' IN LENGTH SHALL BE TIED TO ADJACENT PAVEMENT, PCC SHOULDERS OR PCC CURB AND GUTTER WITH #6x32" EPOXY COATED TIE BARS AT 36" CENTERS.

NOTES:

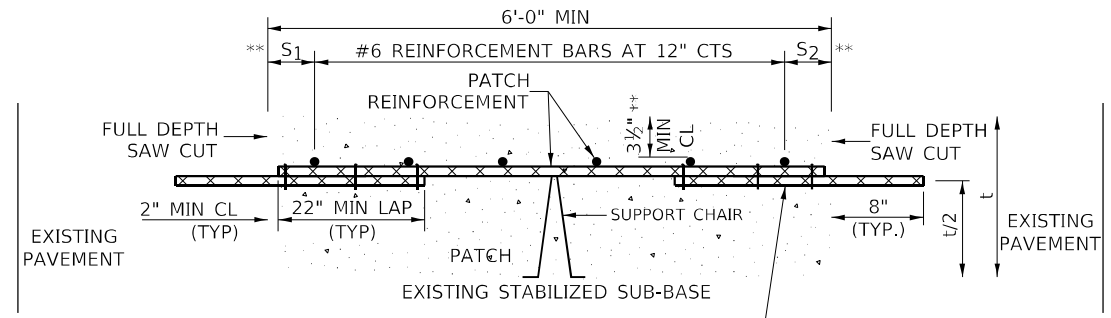
EXISTING LONGITUDINAL REINFORCEMENT SPACING; $\pm 6\frac{1}{2}$ ".

SPACING OF NEW LONGITUDINAL REINFORCEMENT AND NEW LONGITUDINAL TIE BARS SHALL MATCH SPACING OF EXISTING REINFORCEMENT AND SHALL BE TIED TOGETHER WITH A MINIMUM OF TWO TIES PER BAR.

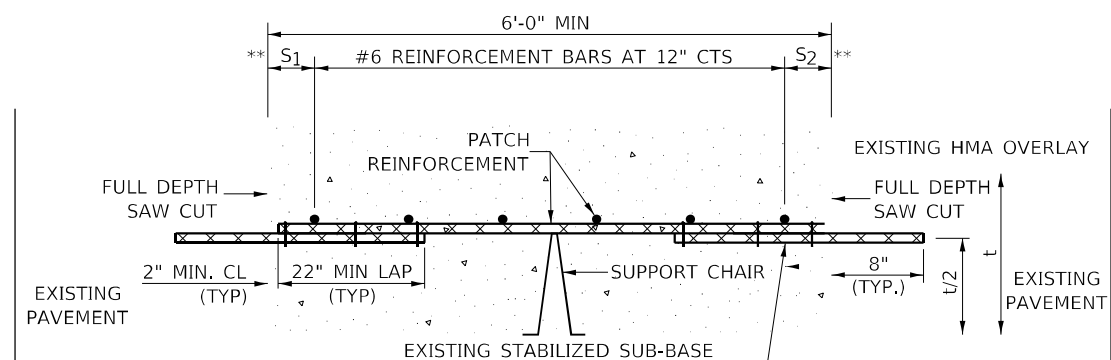
SUPPORT CHAIRS SHALL BE REQUIRED WHENEVER PATCH LENGTH EXCEEDS 6'-0"

* EVERY THIRD INTERSECTION MUST BE TIED. WHEN THE MINIMUM CLEARANCE CANNOT BE OBTAINED WITH THE TRANSVERSE REBAR ON TOP, THEN THE TRANSVERSE REBAR SHALL BE TIED TO THE BOTTOM OF THE LONGITUDINAL REBAR.

** VARIABLES WHERE S_1 AND S_2 ARE $2\frac{1}{2}$ " MIN. AND 12" MAX.



WITHOUT HMA OVERLAY



WITH HMA OVERLAY

**PATCHING DETAIL FOR CLASS A PATCHING
(CRC PAVEMENT)**

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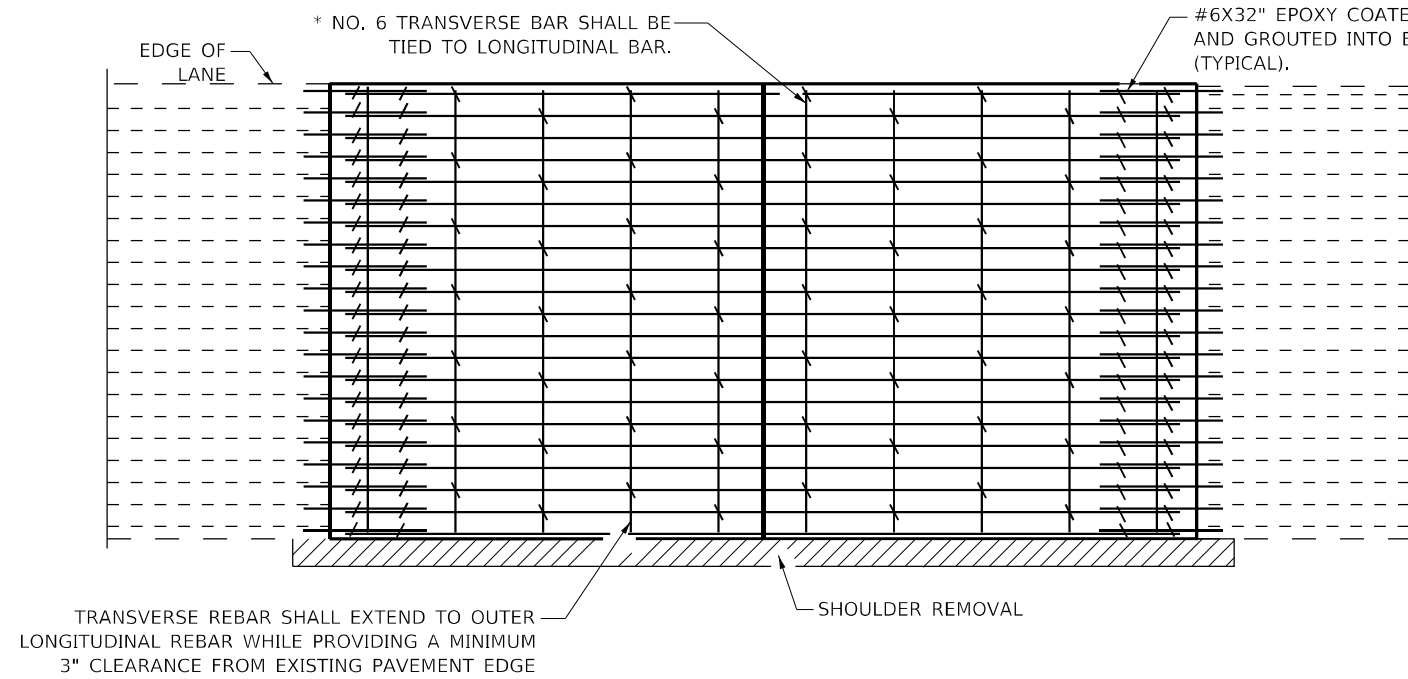
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

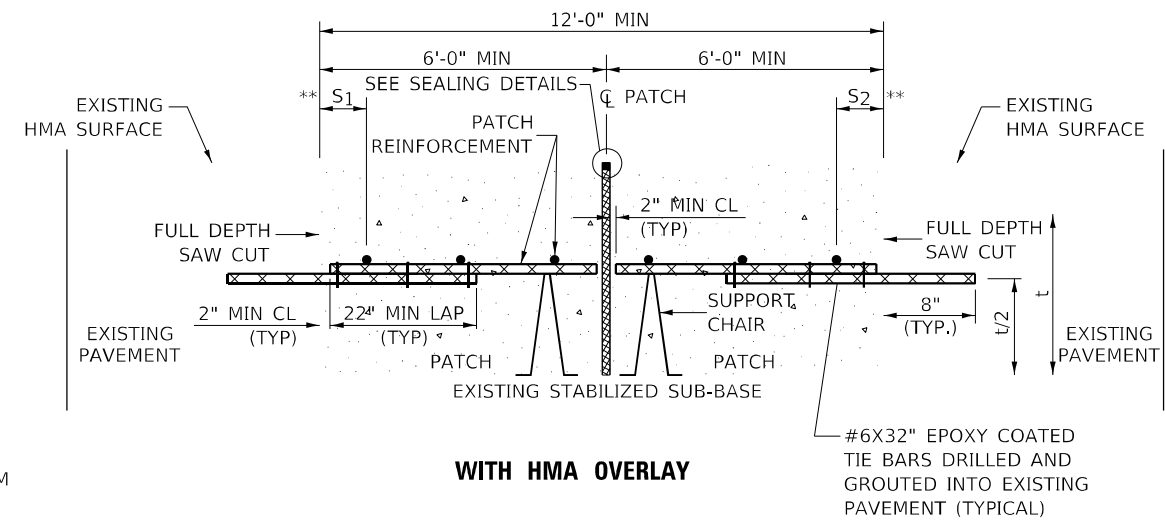
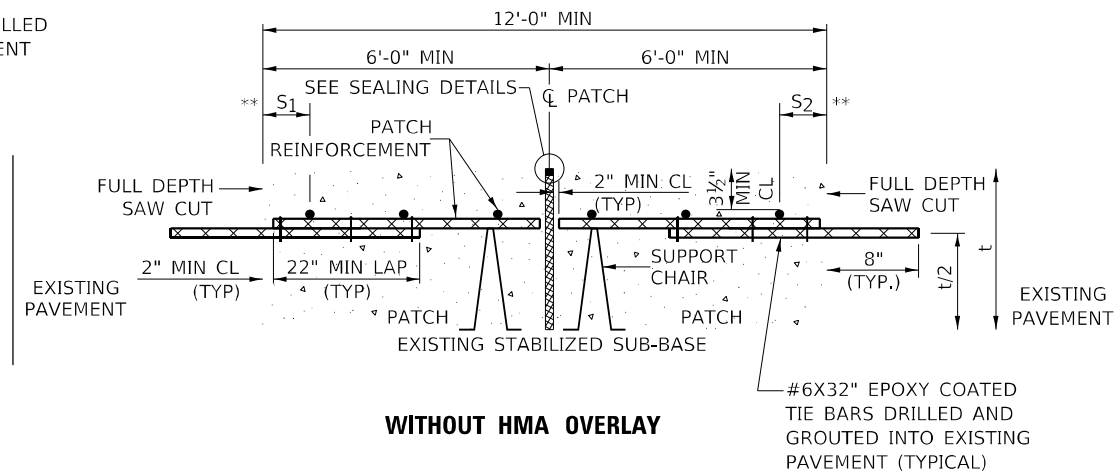
CLASS A PATCHING (SPECIAL) DETAIL

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

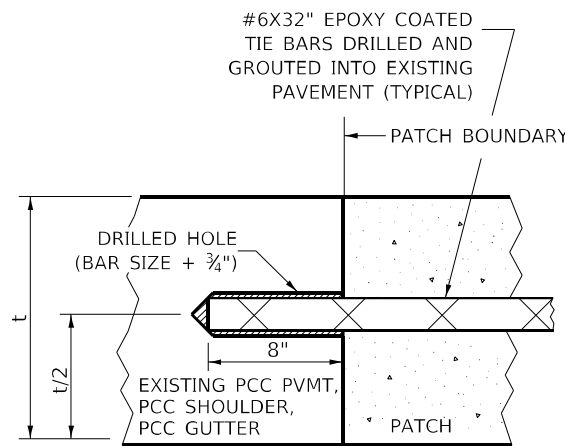
F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(6,7,8)PP-1	ST. CLAIR	29	28
CONTRACT NO. 76P88				
ILLINOIS FED. AID PROJECT				



PAVEMENT REINFORCEMENT DETAIL

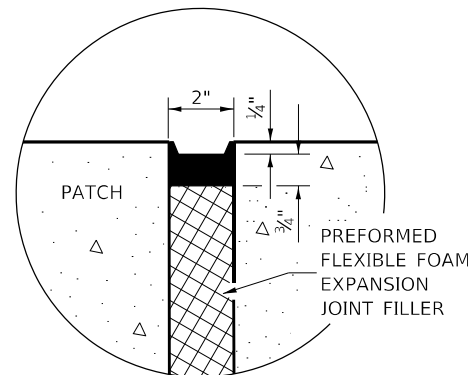


CLASS A PATCH WITH EXPANSION JOINT

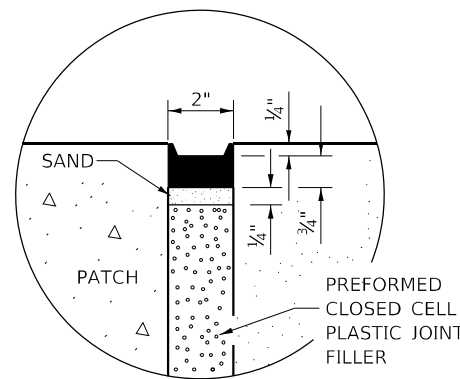


LONGITUDINAL CONSTRUCTION JOINT

PATCHES MORE THAN 20' IN LENGTH SHALL BE TIED TO ADJACENT PAVEMENT, PCC SHOULDERS OR PCC CURB AND GUTTER WITH #6x32" EPOXY COATED TIE BARS AT 36" CENTERS.



SEALING DETAIL



SEALING DETAIL

NOTES:

EXISTING LONGITUDINAL REINFORCEMENT SPACING; $\pm 6\frac{1}{2}$ ".

SPACING OF NEW LONGITUDINAL REINFORCEMENT AND NEW LONGITUDINAL TIE BARS SHALL MATCH SPACING OF EXISTING REINFORCEMENT AND SHALL BE TIED TOGETHER WITH A MINIMUM OF TWO TIES PER BAR.

SUPPORT CHAIRS SHALL BE REQUIRED WHENEVER PATCH LENGTH EXCEEDS 6'-0"

* EVERY THIRD INTERSECTION MUST BE TIED, WHEN THE MINIMUM CLEARANCE CANNOT BE OBTAINED WITH THE TRANSVERSE REBAR ON TOP, THEN THE TRANSVERSE REBAR SHALL BE TIED TO THE BOTTOM OF THE LONGITUDINAL REBAR.

** VARIABLES WHERE S_1 AND S_2 ARE $2\frac{1}{2}$ " MIN. AND 12" MAX.

MODEL: Default
FILE NAME: p:\project-aw-beadcoy.com\p\id\DOT\Documents\DOT Office\Dir\drct. 8\Project\0876888\CADD\Drawn\CADD\checkst\0876888-sh-deta88.dgn

USER NAME = smichma	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISED -
PLOT DATE = 12/1/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CLASS A PATCHING (SPECIAL) DETAIL

SCALE: NONE SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.J RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-(6,7,8)PP-1	ST. CLAIR	29	29
				CONTRACT NO. 76P88
ILLINOIS FED. AID PROJECT				