

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 592 (ILLINOIS ROUTE 157)
SECTION (120, 130)RS-2

RESURFACING AND PATCHING
ST. CLAIR COUNTY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(120,130)RS-2	ST. CLAIR	90	1
		ILLINOIS	CONTRACT NO. 76K99	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA:

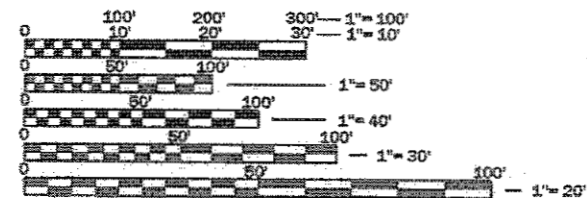
IL 157 (SOUTH OF IL 15 TO IL 15 STRUCTURE)

2015 ADT=5050 (ACTUAL)
2018 ADT=5200 (ESTIMATED)
2038 ADT=6100 (ESTIMATED)
SU= 5.9% MU= 1.9%

IL 157 (IL 15 STRUCTURE TO LAKE DRIVE)

2015 ADT=7200 (ACTUAL)
2018 ADT=7400 (ESTIMATED)
2038 ADT=8650 (ESTIMATED)
SU= 6.9% MU= 1.7%

FUNCTIONAL CLASSIFICATION:
OTHER PRINCIPAL ARTERIAL



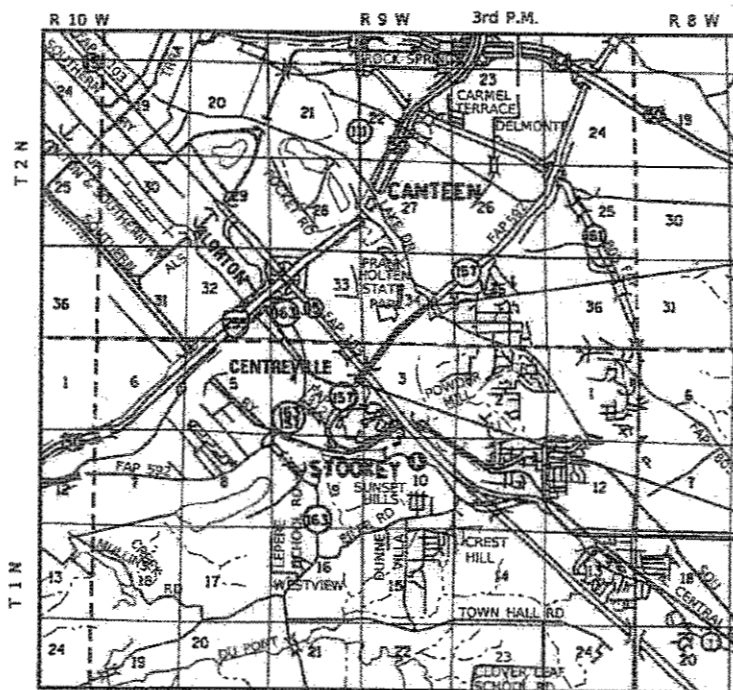
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER HERVE GELIN (618) 346-3179
SQUAD LEADER BILLIE OWEN (618) 346-3209

CONTRACT NO. 76K99

C-98-140-18



LOCATION MAP
CENTREVILLE AND STOOKEY TOWNSHIPS



NET LENGTH = 6,230.00 FEET = 1.1799 MILES

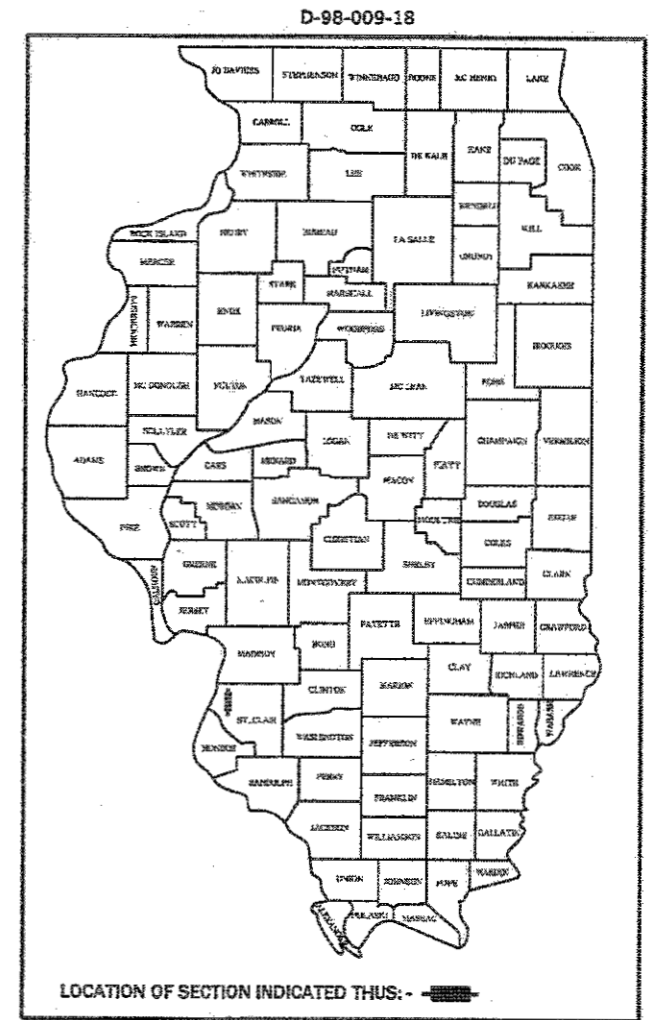


END SECTION (120, 130)RS-2
STA 162+30
LATITUDE: 38.5781
LONGITUDE: -90.0781

BEGIN SECTION (120, 130)RS-2
STA 100+00
LATITUDE: 38.5658
LONGITUDE: -90.0933



Elizabeth S. Witt
ILLINOIS PROFESSIONAL ENGINEER NO. 062-061876
EXP. 11-30-2019



PLANS PREPARED BY:



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED *Dec 13 2017*
Jeffrey Z. K... REGIONAL ENGINEER
Feb 2 2018
... ENGINEER OF DESIGN AND ENVIRONMENT
Feb 2 2018
David P. ... DIRECTOR OF PROGRAM DEVELOPMENT

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OF THE STATE OF ILLINOIS

GENERAL NOTES

1. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT AREA BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

- | | |
|---|--------------------------|
| * AMEREN ILLINOIS | GAS AND ELECTRIC |
| * AT&T ILLINOIS | COMMUNICATIONS |
| * AT&T CORPORATION | COMMUNICATIONS |
| * VILLAGE OF CASEYVILLE | WATER AND SANITARY SEWER |
| * CITY OF CENTREVILLE | WATER AND SANITARY SEWER |
| * CHARTER COMMUNICATIONS, INC. | CABLE TV |
| * CLEARWAVE COMMUNICATIONS | COMMUNICATIONS |
| * COMMONFIELDS OF CAHOKIA PUBLIC WATER DISTRICT | WATER AND SANITARY SEWER |
| * CITY OF EAST ST. LOUIS | LIGHTING |
| * ENABLE MIDSTREAM PARTNERS | PIPELINE |
| * ILLINOIS AMERICAN WATER COMPANY | WATER |
| * LEVEL 3 COMMUNICATIONS, LLC. | COMMUNICATIONS |
| * MEDIACOM | CABLE TV |
| * METRO | COMMUNICATIONS |
| * WINDSTREAM KDL, INC. | COMMUNICATIONS |

MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800) 892-0123 OR 811 AND ARE INDICATED BY *. NON- J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

- THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING AND TOPOGRAPHY SHOWN IN THE PLANS WAS CREATED USING MICROFILM AND FIELD MEASUREMENTS. BOTH SHALL BE ASSUMED TO BE APPROXIMATE. THE CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT THE STATIONING WAS DEVELOPED BY SPLITTING THE PAVEMENT GENERATED FROM MICROFILM. THE BEGINNING STATION OF 100+00 IS AT A PAVEMENT JOINT APPROXIMATELY 0.1 MILES SOUTH OF IL ROUTE 15.
- THE THICKNESS OF HOT-MIX ASPHALT SURFACE MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX MIXTURE IS PLACED.
- THE VARIOUS THICKNESS OF HOT-MIX SURFACE REMOVAL SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE.
- THE WIDTHS OF HOT-MIX SURFACE REMOVAL SHOWN ON THE PLANS ARE THE NOMINAL WIDTHS. IRREGULARITIES IN THE SURFACE WIDTH MAY OCCUR THROUGHOUT THE LENGTH OF THE SECTION. HOT-MIX SURFACE REMOVAL WILL BE PAID FOR IN SQUARE YARDS BASED UPON THE NOMINAL WIDTHS INDICATED.
- 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.
- ANY EARTHWORK REQUIRED FOR GUARDRAIL INSTALLATION SHALL BE INCLUDED IN THE COST OF AGGREGATE SHOULDERS, TYPE B 8". ANY EARTHWORK REQUIRED FOR MEDIAN RECONSTRUCTION SHALL BE INCLUDED IN THE COST OF SUBBASE GRANULAR MATERIAL, TYPE B 4".
- ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDED AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE.
- ANY EXCAVATION ADJACENT TO THE EXISTING TRAVEL LANES DUE TO PATCHING OPERATIONS SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND APPROPRIATE LIGHTING.
- ACCESS SHALL BE MAINTAINED TO PUBLIC, PRIVATE AND COMMERCIAL PROPERTIES AT ALL TIMES.

COMMITMENTS

NONE

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES, HIGHWAY STANDARDS AND INDEX OF SHEETS
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- 21 DETOUR SIGNING PLAN
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- 26 PIER PROTECTION DETAIL
- 27 MEDIAN DETAIL
- 28 - 30 MISCELLANEOUS DETAILS

HIGHWAY STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 442201-03 CLASS C AND D PATCHES
- 606001-07 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 606301-04 PC CONCRETE ISLANDS AND MEDIANS
- 630001-12 STEEL PLATE BEAM GUARDRAIL
- 630301-08 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
- 631011-10 TRAFFIC BARRIER TERMINAL, TYPE 2
- 701011-04 OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701201-04 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701336-06 LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS ≥ 45 MPH
- 701451-05 RAMP CLOSURE FREEWAY/EXPRESSWAY
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701901-07 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-04 SIGN PANEL ERECTION DETAILS
- 725001-01 OBJECT AND TERMINAL MARKERS
- 728001-01 TELESCOPING STEEL SIGN SUPPORT
- 731001-01 BASE FOR TELESCOPING STEEL SIGN SUPPORT
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 782001-01 CURB REFLECTORS
- 782006 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

MIX REQUIREMENT CHART

MIXTURE REQUIREMENTS			
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT			
LOCATION (S):	FAP ROUTE 592 (IL ROUTE 157)		
MIXTURE USE	SURFACE COURSE	LEVELING BINDER	PATCHING
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP %; (MAX)	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION
DESIGN AIR VOIDS	4% @ Ndes=70	4% @ Ndes=70	4% @ Ndes=70
MIX COMPOSITION (GRADATION)	IL 9.5	IL 9.5 FG	IL 19.0
FRICTION AGGREGATE	MIXTURE "D"	MIXTURE "C"	MIXTURE "B"
QUALITY MGMT PROGRAM	QCP	QC/QA	QC/QA

PLAN QUANTITIES FOR HOT-MIX ASPHALT ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LBS/SQ YD/INCH (0.056 TONS/SQ YD/INCH)

FILE NAME: S:\Projects\416-20015-6HY MO #6 IL 157 3P IL 15 to Lake Drive\Output\CADD_Sheets\0876K99-shr-gennote.dgn



USER NAME = Jennifer	DESIGNED - AMC	REVISED -
MODEL NAME = Gen-01	DRAWN - PDB	REVISED -
PLOT SCALE = 0.1667" / in.	CHECKED - ESW	REVISED -
PLOT DATE = 12/11/2017	DATE - 11-10-2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
GENERAL NOTES, HIGHWAY STANDARDS AND INDEX OF SHEETS**

SCALE: NONE SHEET 1 OF 1 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(120, 130)RS-2	ST. CLAIR	30	2
CONTRACT NO. 76K99				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				100% STATE		
				ROADWAY		
				0005		
				URBAN		
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	185	185		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	14000	14000		
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	1022	1022		
40600990	TEMPORARY RAMP	SQ YD	418	418		
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	1743	1743		
42001300	PROTECTIVE COAT	SQ YD	198	198		
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	17155	17155		
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	3587	3587		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	251	251		
44003510	MEDIAN REMOVAL PARTIAL DEPTH	SQ FT	4312	4312		
44004250	PAVED SHOULDER REMOVAL	SQ YD	146	146		
44200156	PAVEMENT PATCHING, TYPE II, 13 INCH	SQ YD	148	148		
44200160	PAVEMENT PATCHING, TYPE III, 13 INCH	SQ YD	194	194		
44200162	PAVEMENT PATCHING, TYPE IV, 13 INCH	SQ YD	46	46		

FILE NAME: S:\Projects\16-0019-6HY WD #6 IL 157 3P IL 15 To Lake Drive Design\CADD Sheets\0676K99-ahs-S00.dgn

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USER NAME = Jennifer	DESIGNED - JLS	REVISED -
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PLOT SCALE = 0.1667" / in.	CHECKED - ESW	REVISED -
PLOT DATE = 12/11/2017	DATE - 11-10-2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
SUMMARY OF QUANTITIES**

SCALE: NONE SHEET 1 OF 4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(120, 130)RS-2	ST. CLAIR	30	3
CONTRACT NO. 78K99				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				100% STATE		
				ROADWAY		
				0005		
				URBAN		
44200168	PAVEMENT PATCHING, TYPE II, 14 INCH	SQ YD	37	37		
48101600	AGGREGATE SHOULDERS, TYPE B 8"	SQ YD	188	188		
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	1	1		
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	239	239		
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	1237	1237		
60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	48	48		
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	175	175		
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2		
63200310	GUARDRAIL REMOVAL	FOOT	356	356		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6		
67100100	MOBILIZATION	L SUM	1	1		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DAY	45	45		
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1		

* SPECIALTY ITEM

FILE NAME: S:\Projects\118-0215-GHY WD #6 IL 157.3P IL 15 to Lake Drive\Design\CADD Sheets\DR6K19-ant-S00.dgn



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PLOT DATE = 12/11/2017	DATE - 11-10-2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
SUMMARY OF QUANTITIES**

SCALE: NONE SHEET 2 OF 4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(120, 130)RS-2	ST. CLAIR	30	4
CONTRACT NO. 76K99				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				100% STATE		
				ROADWAY		
				0005		
				URBAN		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2067	2067		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	265	265		
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	63	63		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	20730	20730		
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	313	313		
* 72000100	SIGN PANEL - TYPE 1	SQ FT	5	5		
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1		
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2		
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	10	10		
* 73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	1	1		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	63	63		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	20730	20730		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	313	313		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	106	106		

14

* SPECIALTY ITEM

FILE NAME: S:\Projects\118-0215-6HY MD #6 IL 15 to Lake Drive\Design\CADD Sheets\0676k99-ant-500.dgn

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	MODEL NAME = SOQ-03	DRAWN - EDW	REVISED -			592	(120, 130)RS-2	ST. CLAIR	30	5
	PLOT SCALE = 0.1667' / in.	CHECKED - ESW	REVISED -			CONTRACT NO. 78K99				
	PLOT DATE = 12/11/2017	DATE - 11-10-2017	REVISED -			ILLINOIS FED. AID PROJECT				
			SCALE: NONE	SHEET 3 OF 4 SHEETS						

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				100% STATE		
				ROADWAY		
				0005		
	URBAN					
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	8	8		
* 78200020	CURB REFLECTORS	EACH	10	10		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	106	106		
X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	1254	1254		
* X6300120	STEEL PLATE BEAM GUARDRAIL, 6 FOOT POSTS, SPECIAL	FOOT	125	125		
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1		
X7010226	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501, SPECIAL	L SUM	1	1		
X7015005	CHANGEABLE MESSAGE SIGN	CAL DAY	224	224		
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	7285	7285		
* X7800100	PAINT PAVEMENT MARKING - RAISED MEDIAN	SQ FT	44	44		
* X7800200	PAINT PAVEMENT MARKING CURB	FOOT	48	48		
Z0016702	DETOUR SIGNING	L SUM	1	1		
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	7508	7508		
13 Ø Z0070604	TRAINEES TRAINING PROGRAM GRADUATE	Hour	500	500		

* SPECIALTY ITEM Ø 0042

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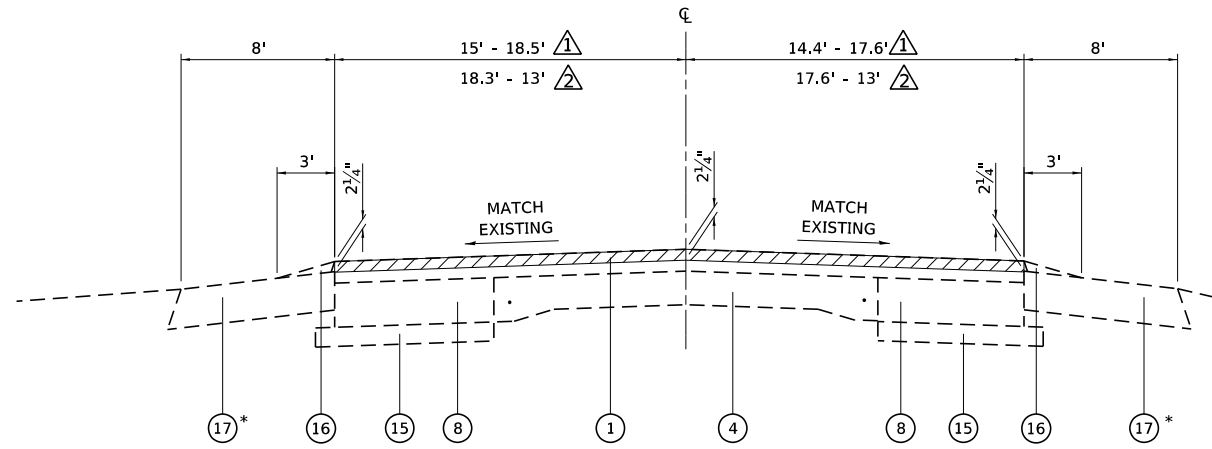
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PLOT DATE = 12/11/2017	DATE - 11-10-2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
SUMMARY OF QUANTITIES**

SCALE: NONE SHEET 4 OF 4 SHEETS

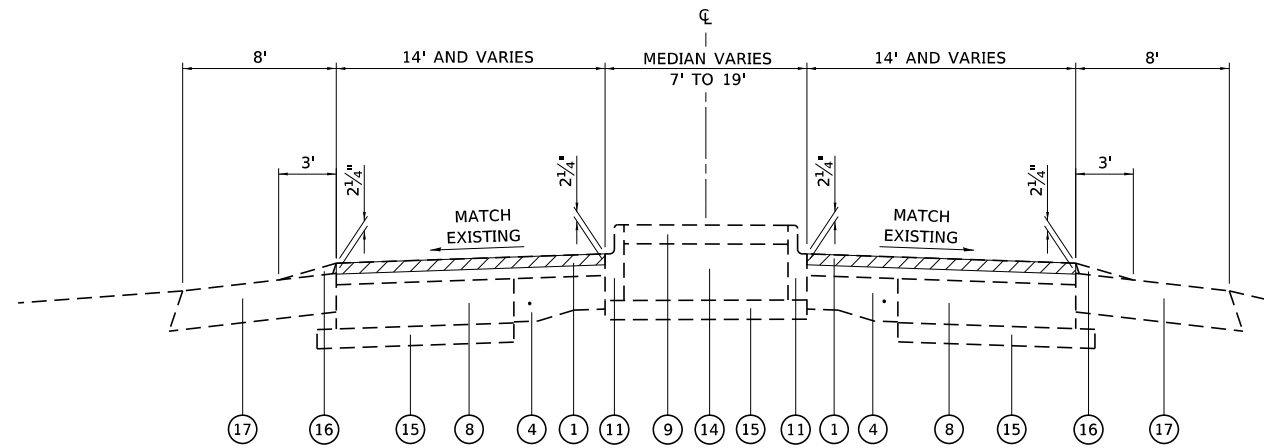
F.A.P. RTE. 592	SECTION (120, 130)RS-2	COUNTY ST. CLAIR	TOTAL SHEETS 30	SHEET NO. 6
CONTRACT NO. 76K99				
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION

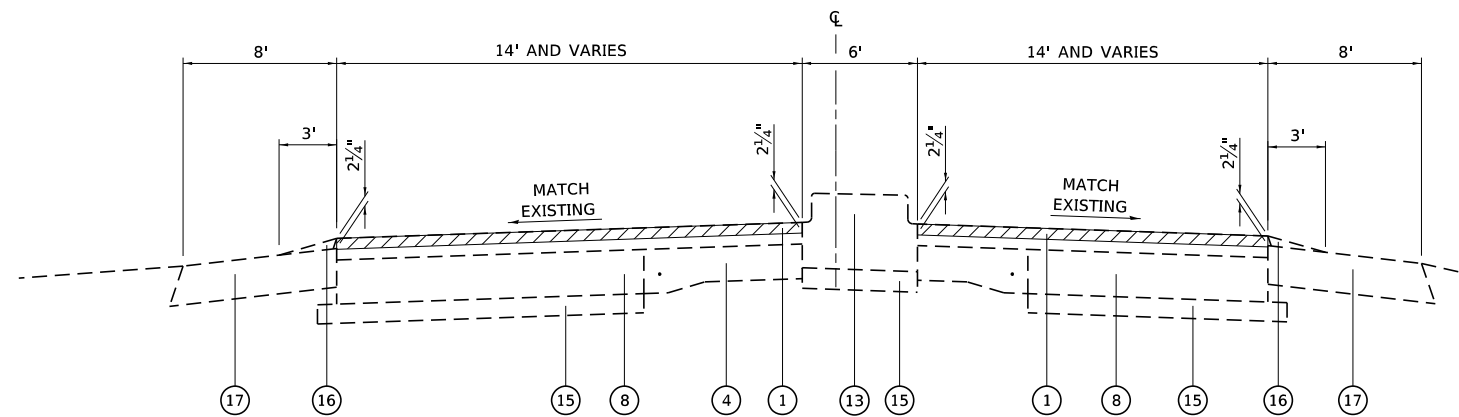
▲ STA. 100+00 TO STA. 101+42
 ▲ STA. 115+33 TO STA. 117+25

* HOT-MIX ASPHALT SHOULDER ENDS
 AGGREGATE SHOULDER BEGINS
 STATION 116+86



EXISTING TYPICAL SECTION

STA. 101+42 TO STA. 105+85
 STA. 109+91 TO STA. 115+33



EXISTING TYPICAL SECTION

STA. 105+85 TO STA. 109+91

LEGEND

- ① EXISTING HMA RESURFACING, 6"
- ② EXISTING HMA RESURFACING, 4 1/4"
- ③ EXISTING HMA RESURFACING, 3"
- ④ EXISTING PCC PAVEMENT, 9"-7"-9"
- ⑤ EXISTING PCC PAVEMENT, 10"
- ⑥ EXISTING HMA WIDENING, 8"
- ⑦ EXISTING HMA WIDENING, 10"
- ⑧ EXISTING PCC WIDENING, 9"
- ⑨ EXISTING CONCRETE MEDIAN SURFACE, 4"
- ⑩ EXISTING CONCRETE CORRUGATED MEDIAN
- ⑪ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.06
- ⑫ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.12
- ⑬ EXISTING CONCRETE MEDIAN, TYPE SB-6.06
- ⑭ EXISTING COARSE AGGREGATE FILL
- ⑮ EXISTING SUBBASE GRANULAR MATERIAL
- ⑯ EXISTING HMA SHOULDER OVERLAY
- ⑰ EXISTING HOT-MIX ASPHALT SHOULDER, 8"
- ⑱ EXISTING AGGREGATE SHOULDER, 6"±
- ⑲ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑳ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, 3/4"
- ㉑ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, 1 1/2"
- ㉒ PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- ㉓ PROPOSED COMBINATION CURB & GUTTER, TYPE B-6.12
- ㉔ PROPOSED CONCRETE MEDIAN SURFACE, 4 INCH
- ㉕ PROPOSED SUBGRADE GRANULAR MATERIAL, TYPE B, 4"
- ㉖ LONGITUDINAL JOINT SEALANT
- ▨ HOT-MIX ASPHALT SURFACE REMOVAL

FILE NAME: S:\Projects\416-0015-6HY MO #6 IL 157 3P IL 15 to Lake Drive\Design\CADD Sheets\0876k99-ht-supcal.dgn



USER NAME = Jennifer
 MODEL NAME = Typ 01
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 12/11/2017

DESIGNED - ACM
 DRAWN - WJS
 CHECKED - ESW
 DATE - 11-10-2017

REVISED -
 REVISED -
 REVISED -
 REVISED -

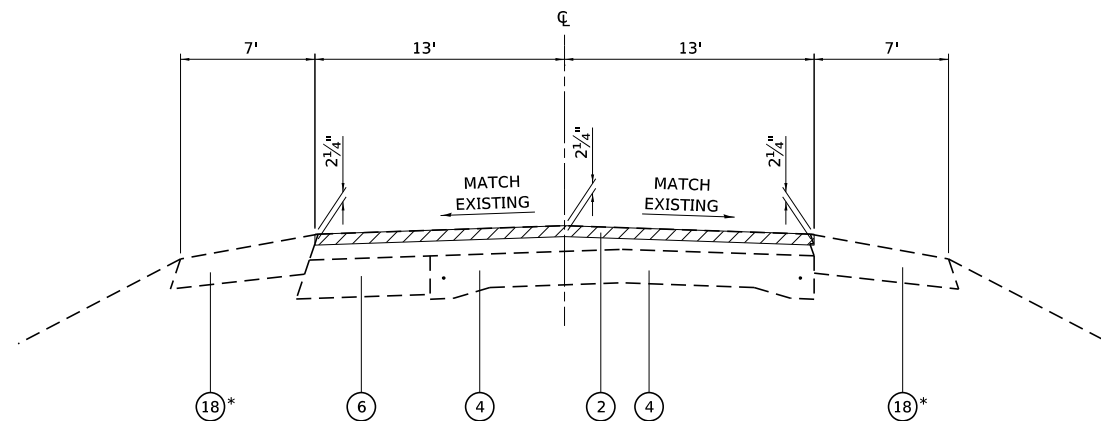
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

FAP ROUTE 592 (IL ROUTE 157)
 TYPICAL SECTIONS

SCALE: NONE SHEET 1 OF 6 SHEETS

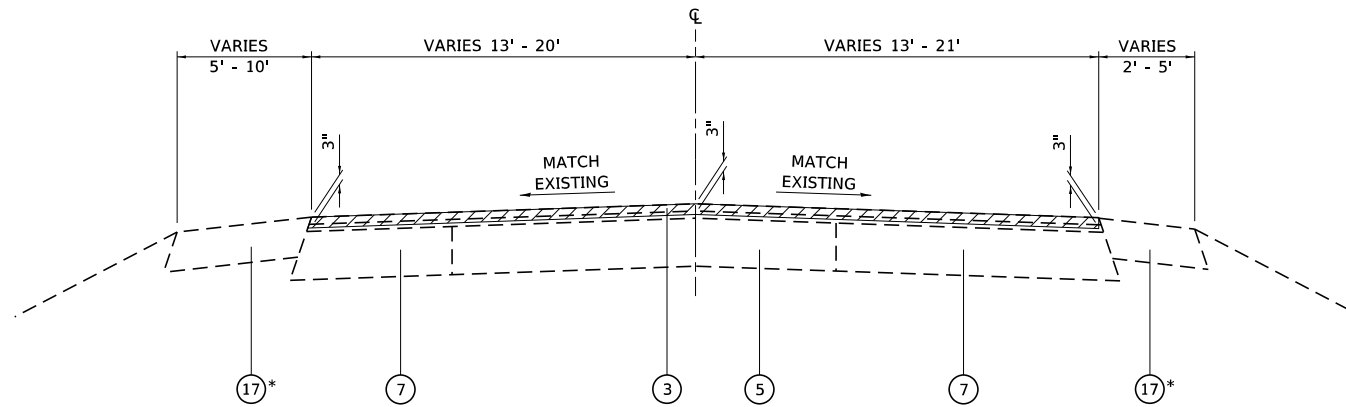
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(120, 130)RS-2	ST. CLAIR	30	7
CONTRACT NO. 76K99				
ILLINOIS FED. AID PROJECT				

FILE NAME: S:\Projects\416-0015-6HY MO #6 IL 157 3P IL 15 to Lake Drive\Output\CADD_Sheets\0876k99-ht-typical.dgn



EXISTING TYPICAL SECTION
STA. 117+25 TO STA. 154+34

* AGGREGATE SHOULDER ENDS
HOT-MIX ASPHALT SHOULDER
BEGINS STATION 153+66



EXISTING TYPICAL SECTION
STA. 154+34 TO STA. 159+50

* AGGREGATE SHOULDER ENDS
HOT-MIX ASPHALT SHOULDER
BEGINS STATION 157+14

LEGEND

- ① EXISTING HMA RESURFACING, 6"
- ② EXISTING HMA RESURFACING, 4 1/4"
- ③ EXISTING HMA RESURFACING, 3"
- ④ EXISTING PCC PAVEMENT, 9"-7"-9"
- ⑤ EXISTING PCC PAVEMENT, 10"
- ⑥ EXISTING HMA WIDENING, 8"
- ⑦ EXISTING HMA WIDENING, 10"
- ⑧ EXISTING PCC WIDENING, 9"
- ⑨ EXISTING CONCRETE MEDIAN SURFACE, 4"
- ⑩ EXISTING CONCRETE CORRUGATED MEDIAN
- ⑪ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.06
- ⑫ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.12
- ⑬ EXISTING CONCRETE MEDIAN, TYPE SB-6.06
- ⑭ EXISTING COARSE AGGREGATE FILL
- ⑮ EXISTING SUBBASE GRANULAR MATERIAL
- ⑯ EXISTING HMA SHOULDER OVERLAY
- ⑰ EXISTING HOT-MIX ASPHALT SHOULDER, 8"
- ⑱ EXISTING AGGREGATE SHOULDER, 6"±
- ⑲ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑳ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, 3/4"
- ㉑ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, 1 1/2"
- ㉒ PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- ㉓ PROPOSED COMBINATION CURB & GUTTER, TYPE B-6.12
- ㉔ PROPOSED CONCRETE MEDIAN SURFACE, 4 INCH
- ㉕ PROPOSED SUBGRADE GRANULAR MATERIAL, TYPE B, 4"
- ㉖ LONGITUDINAL JOINT SEALANT
- HOT-MIX ASPHALT SURFACE REMOVAL



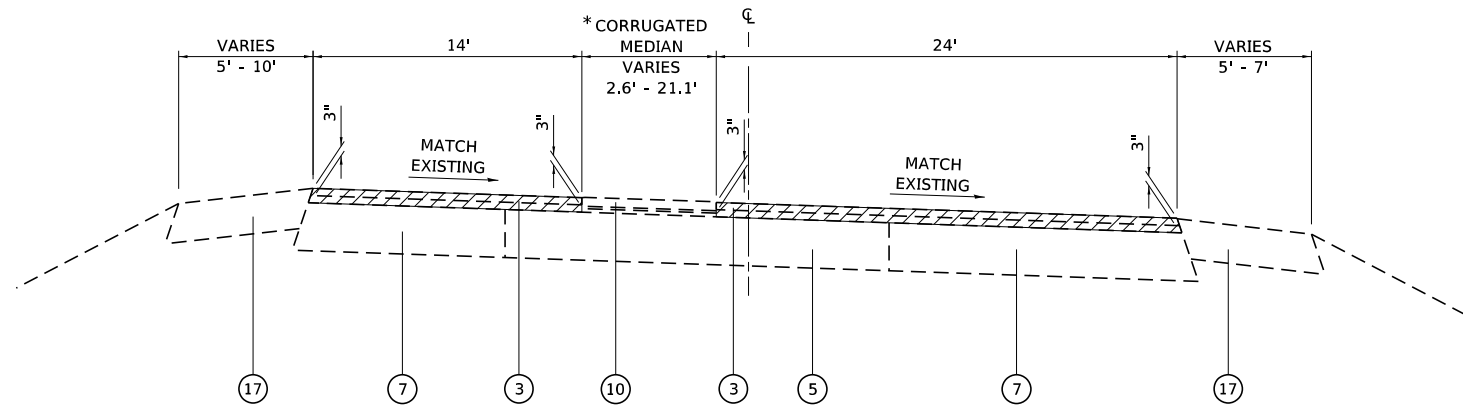
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MODEL NAME = Typ 02	DRAWN - WJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 12/11/2017	DATE - 11-10-2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
TYPICAL SECTIONS**

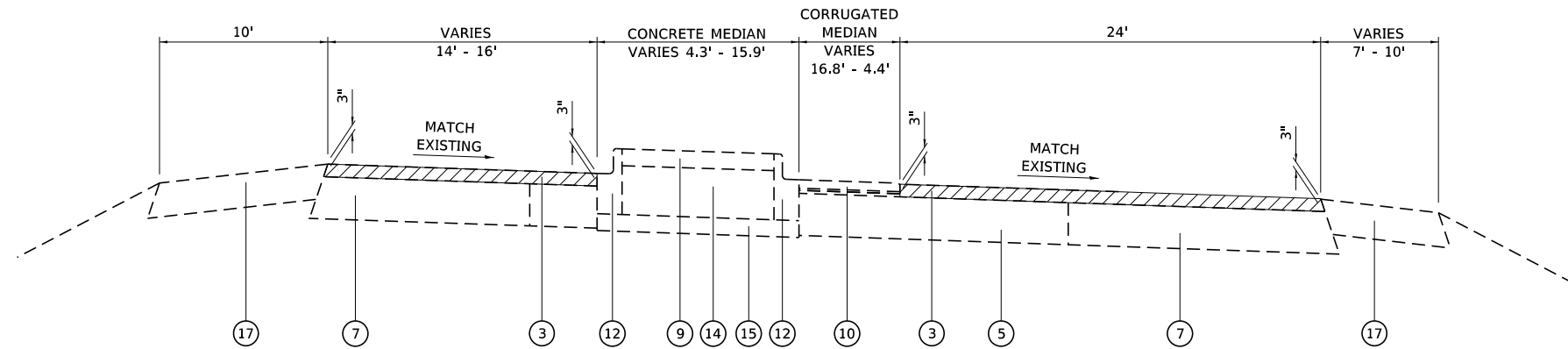
SCALE: NONE SHEET 2 OF 6 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(120, 130)RS-2	ST. CLAIR	30	8
CONTRACT NO. 76K99				
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION
STA. 159+50 TO STA. 161+03

* CORRUGATED MEDIAN BEGINS AT STATION 158+32



EXISTING TYPICAL SECTION
STA. 161+03 TO STA. 162+30

LEGEND

- ① EXISTING HMA RESURFACING, 6"
- ② EXISTING HMA RESURFACING, 4 1/4"
- ③ EXISTING HMA RESURFACING, 3"
- ④ EXISTING PCC PAVEMENT, 9"-7"-9"
- ⑤ EXISTING PCC PAVEMENT, 10"
- ⑥ EXISTING HMA WIDENING, 8"
- ⑦ EXISTING HMA WIDENING, 10"
- ⑧ EXISTING PCC WIDENING, 9"
- ⑨ EXISTING CONCRETE MEDIAN SURFACE, 4"
- ⑩ EXISTING CONCRETE CORRUGATED MEDIAN
- ⑪ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.06
- ⑫ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.12
- ⑬ EXISTING CONCRETE MEDIAN, TYPE SB-6.06
- ⑭ EXISTING COARSE AGGREGATE FILL
- ⑮ EXISTING SUBBASE GRANULAR MATERIAL
- ⑯ EXISTING HMA SHOULDER OVERLAY
- ⑰ EXISTING HOT-MIX ASPHALT SHOULDER, 8"
- ⑱ EXISTING AGGREGATE SHOULDER, 6"±
- ⑲ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑳ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, 3/4"
- ㉑ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, 1 1/2"
- ㉒ PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- ㉓ PROPOSED COMBINATION CURB & GUTTER, TYPE B-6.12
- ㉔ PROPOSED CONCRETE MEDIAN SURFACE, 4 INCH
- ㉕ PROPOSED SUBGRADE GRANULAR MATERIAL, TYPE B, 4"
- ㉖ LONGITUDINAL JOINT SEALANT
- HOT-MIX ASPHALT SURFACE REMOVAL

FILE NAME: S:\Projects\416-0015-6HY MO #6 IL 157 3P IL 15 to Lake Drive\Design\CADD_Sheets\0876499-ht-supical.dgn



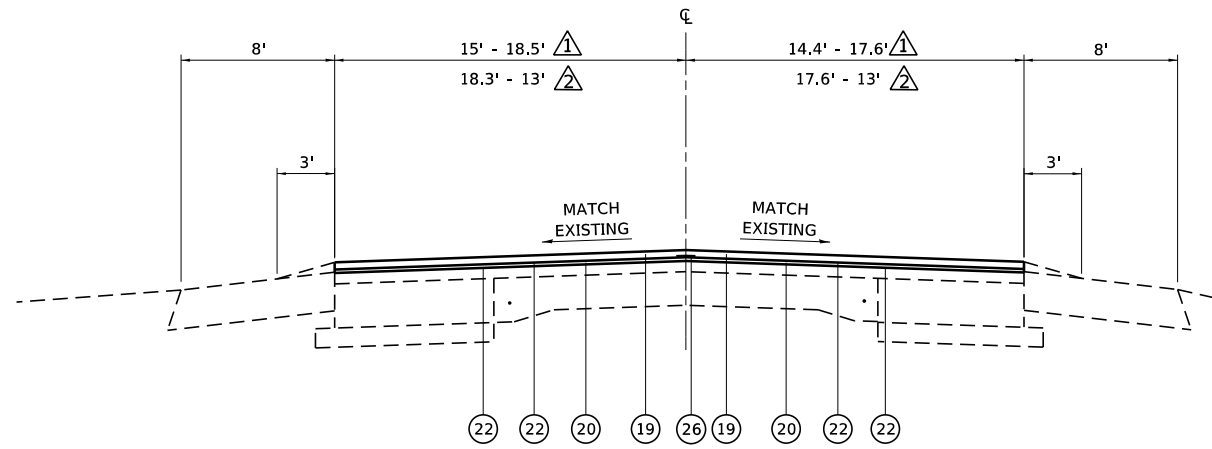
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MODEL NAME = Typ 03	DRAWN - WJS	REVISED -
PLOT SCALE = 10,0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 12/11/2017	DATE - 11-10-2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP ROUTE 592 (IL ROUTE 157)
TYPICAL SECTIONS

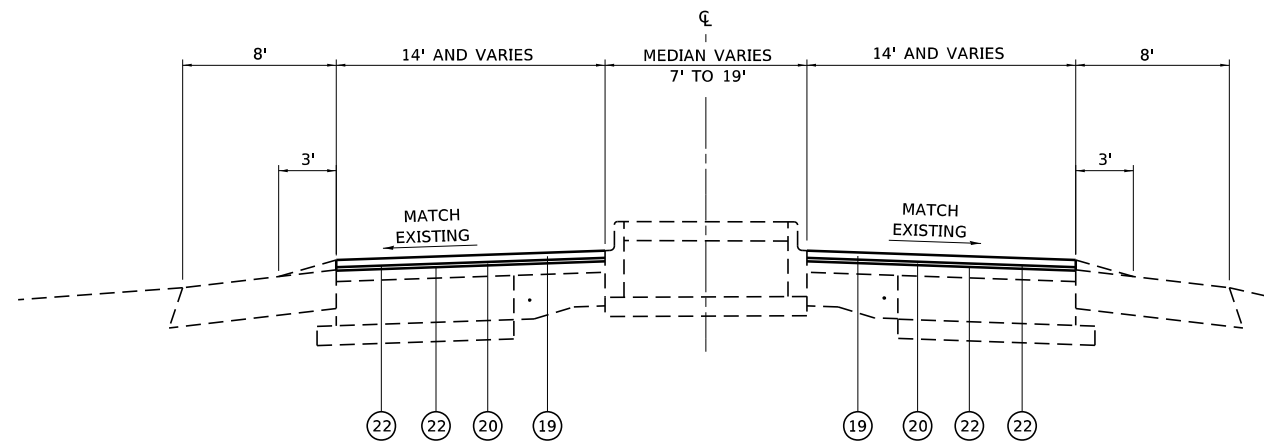
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(120, 130)RS-2	ST. CLAIR	30	9
CONTRACT NO. 76K99				
ILLINOIS FED. AID PROJECT				



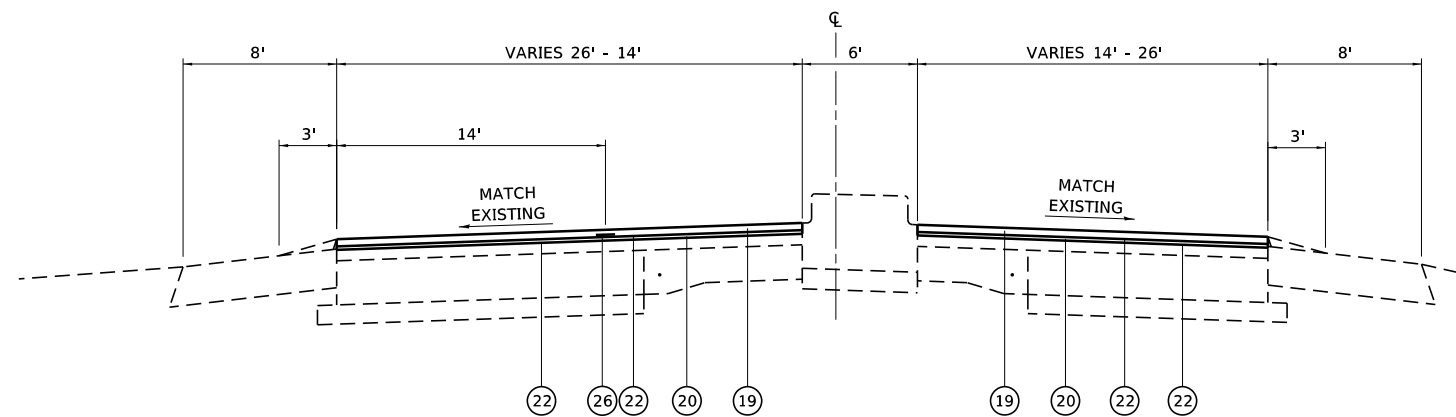
PROPOSED TYPICAL SECTION

▲ STA. 100+00 TO STA. 101+42
 ▲ STA. 115+33 TO STA. 117+25



PROPOSED TYPICAL SECTION

STA. 101+42 TO STA. 105+85
 STA. 109+91 TO STA. 115+33



PROPOSED TYPICAL SECTION

STA. 105+85 TO STA. 109+91

LEGEND

- ① EXISTING HMA RESURFACING, 6"
- ② EXISTING HMA RESURFACING, 4 1/4"
- ③ EXISTING HMA RESURFACING, 3"
- ④ EXISTING PCC PAVEMENT, 9"-7"-9"
- ⑤ EXISTING PCC PAVEMENT, 10"
- ⑥ EXISTING HMA WIDENING, 8"
- ⑦ EXISTING HMA WIDENING, 10"
- ⑧ EXISTING PCC WIDENING, 9"
- ⑨ EXISTING CONCRETE MEDIAN SURFACE, 4"
- ⑩ EXISTING CONCRETE CORRUGATED MEDIAN
- ⑪ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.06
- ⑫ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.12
- ⑬ EXISTING CONCRETE MEDIAN, TYPE SB-6.06
- ⑭ EXISTING COARSE AGGREGATE FILL
- ⑮ EXISTING SUBBASE GRANULAR MATERIAL
- ⑯ EXISTING HMA SHOULDER OVERLAY
- ⑰ EXISTING HOT-MIX ASPHALT SHOULDER, 8"
- ⑱ EXISTING AGGREGATE SHOULDER, 6"±
- ⑲ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑳ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, 3/4"
- ㉑ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, 1 1/2"
- ㉒ PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- ㉓ PROPOSED COMBINATION CURB & GUTTER, TYPE B-6.12
- ㉔ PROPOSED CONCRETE MEDIAN SURFACE, 4 INCH
- ㉕ PROPOSED SUBGRADE GRANULAR MATERIAL, TYPE B, 4"
- ㉖ LONGITUDINAL JOINT SEALANT
- ▨ HOT-MIX ASPHALT SURFACE REMOVAL

FILE NAME: S:\Projects\416-2015-6HY MO #6 IL 157 3P IL 15 to Lake Drive\Design\CADD Sheets\0876k99-ht-supical.dgn



USER NAME = Jennifer	DESIGNED - ACM	REVISED -
MODEL NAME = Typ 04	DRAWN - WJS	REVISED -
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PLOT DATE = 12/11/2017	DATE - 11-10-2017	REVISED -

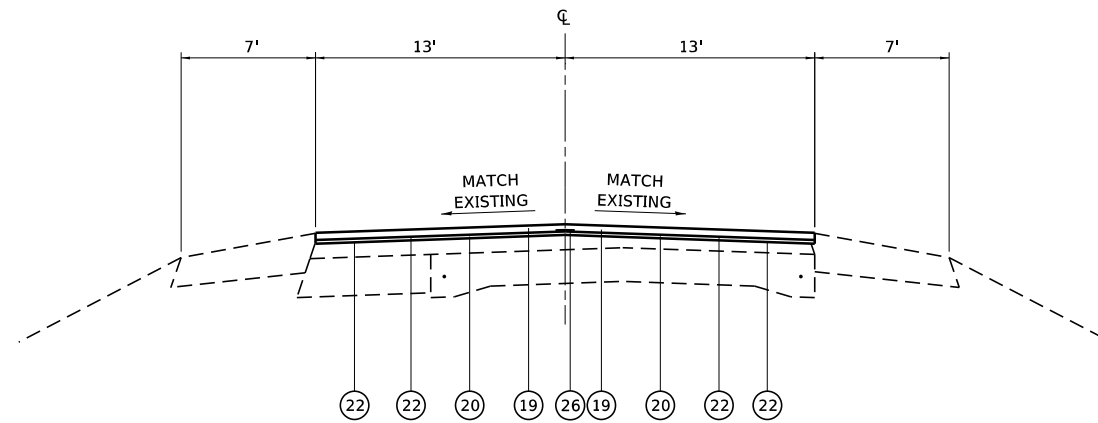
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

FAP ROUTE 592 (IL ROUTE 157)
 TYPICAL SECTIONS

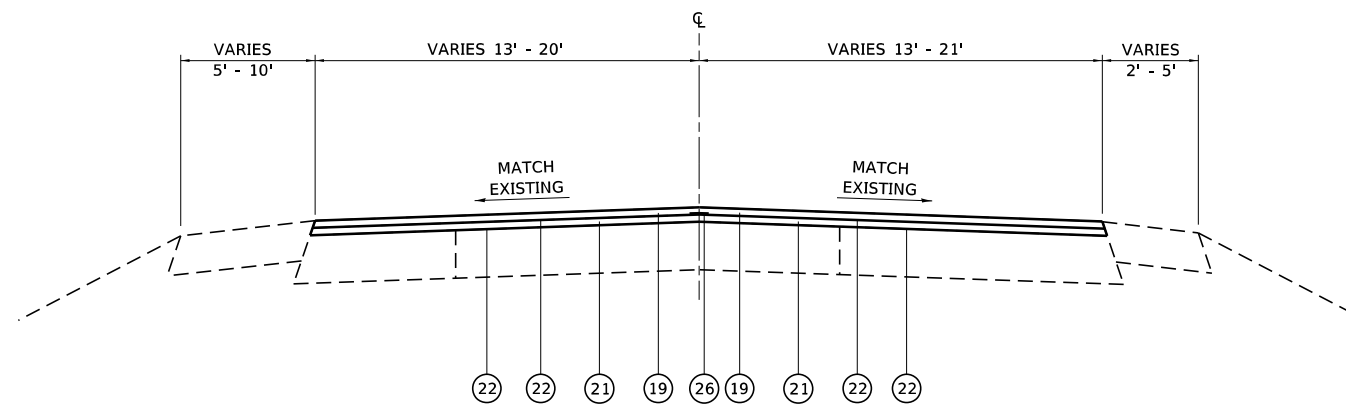
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(120, 130)RS-2	ST. CLAIR	30	10
CONTRACT NO. 76K99				
ILLINOIS FED. AID PROJECT				

FILE NAME: S:\Projects\416-2015-6HY MO #6 IL 157 3P IL 15 to Lake Drive\Design\CADD_Sheets\0876k99-ht-typical.dgn



PROPOSED TYPICAL SECTION
STA. 117+25 TO STA. 154+34



PROPOSED TYPICAL SECTION
STA. 154+34 TO STA. 159+50

LEGEND

- ① EXISTING HMA RESURFACING, 6"
- ② EXISTING HMA RESURFACING, 4 1/4"
- ③ EXISTING HMA RESURFACING, 3"
- ④ EXISTING PCC PAVEMENT, 9"-7"-9"
- ⑤ EXISTING PCC PAVEMENT, 10"
- ⑥ EXISTING HMA WIDENING, 8"
- ⑦ EXISTING HMA WIDENING, 10"
- ⑧ EXISTING PCC WIDENING, 9"
- ⑨ EXISTING CONCRETE MEDIAN SURFACE, 4"
- ⑩ EXISTING CONCRETE CORRUGATED MEDIAN
- ⑪ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.06
- ⑫ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.12
- ⑬ EXISTING CONCRETE MEDIAN, TYPE SB-6.06
- ⑭ EXISTING COARSE AGGREGATE FILL
- ⑮ EXISTING SUBBASE GRANULAR MATERIAL
- ⑯ EXISTING HMA SHOULDER OVERLAY
- ⑰ EXISTING HOT-MIX ASPHALT SHOULDER, 8"
- ⑱ EXISTING AGGREGATE SHOULDER, 6"±
- ⑲ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑳ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, 3/4"
- ㉑ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, 1 1/2"
- ㉒ PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- ㉓ PROPOSED COMBINATION CURB & GUTTER, TYPE B-6.12
- ㉔ PROPOSED CONCRETE MEDIAN SURFACE, 4 INCH
- ㉕ PROPOSED SUBGRADE GRANULAR MATERIAL, TYPE B, 4"
- ㉖ LONGITUDINAL JOINT SEALANT
- HOT-MIX ASPHALT SURFACE REMOVAL



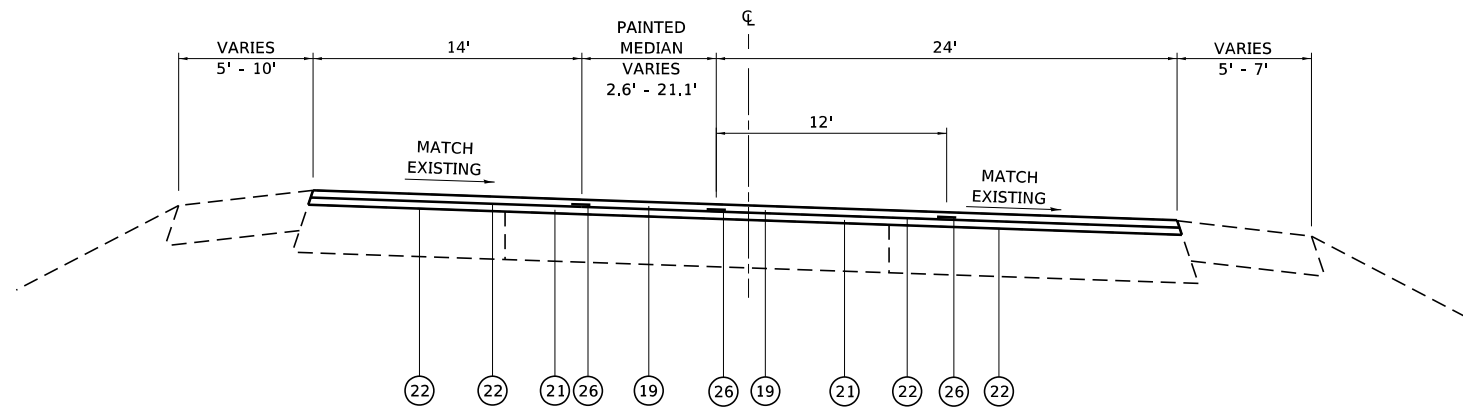
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MODEL NAME = Typ 05	DRAWN - WJS	REVISED -
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PLOT DATE = 12/11/2017	DATE - 11-10-2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

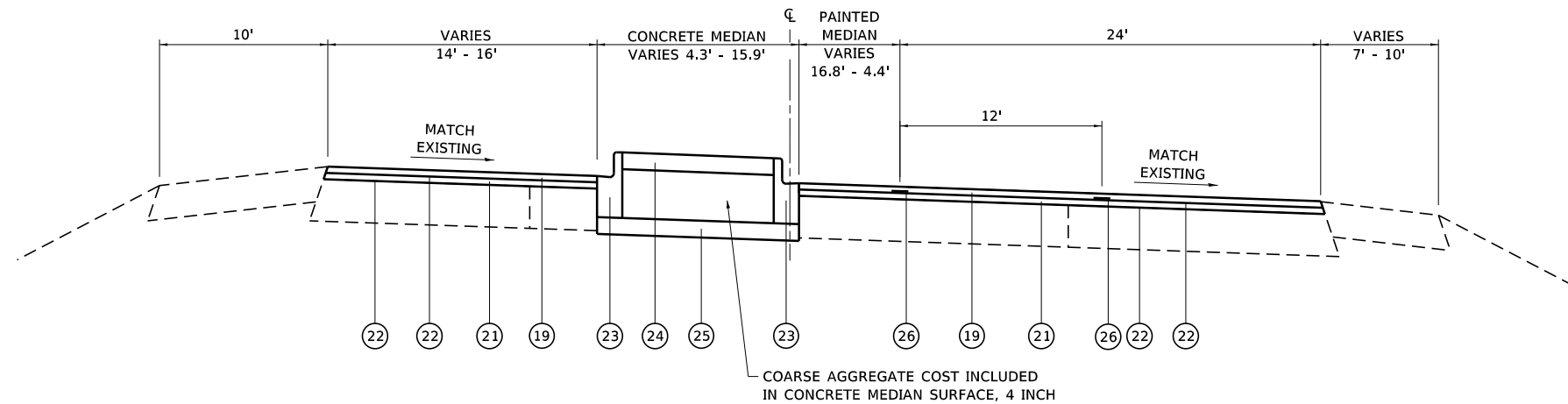
FAP ROUTE 592 (IL ROUTE 157)
TYPICAL SECTIONS

SCALE: NONE SHEET 5 OF 6 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(120, 130)RS-2	ST. CLAIR	30	11
CONTRACT NO. 76K99				
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION
STA. 159+50 TO STA. 161+03



PROPOSED TYPICAL SECTION
STA. 161+03 - STA. 162+30

LEGEND

- ① EXISTING HMA RESURFACING, 6"
- ② EXISTING HMA RESURFACING, 4 1/4"
- ③ EXISTING HMA RESURFACING, 3"
- ④ EXISTING PCC PAVEMENT, 9"-7"-9"
- ⑤ EXISTING PCC PAVEMENT, 10"
- ⑥ EXISTING HMA WIDENING, 8"
- ⑦ EXISTING HMA WIDENING, 10"
- ⑧ EXISTING PCC WIDENING, 9"
- ⑨ EXISTING CONCRETE MEDIAN SURFACE, 4"
- ⑩ EXISTING CONCRETE CORRUGATED MEDIAN
- ⑪ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.06
- ⑫ EXISTING COMBINATION CURB & GUTTER, TYPE B-6.12
- ⑬ EXISTING CONCRETE MEDIAN, TYPE SB-6.06
- ⑭ EXISTING COARSE AGGREGATE FILL
- ⑮ EXISTING SUBBASE GRANULAR MATERIAL
- ⑯ EXISTING HMA SHOULDER OVERLAY
- ⑰ EXISTING HOT-MIX ASPHALT SHOULDER, 8"
- ⑱ EXISTING AGGREGATE SHOULDER, 6"±
- ⑲ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑳ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, 3/4"
- ㉑ PROPOSED LEVELING BINDER (MACHINE METHOD), N70, 1 1/2"
- ㉒ PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- ㉓ PROPOSED COMBINATION CURB & GUTTER, TYPE B-6.12
- ㉔ PROPOSED CONCRETE MEDIAN SURFACE, 4 INCH
- ㉕ PROPOSED SUBGRADE GRANULAR MATERIAL, TYPE B, 4"
- ㉖ LONGITUDINAL JOINT SEALANT
- HOT-MIX ASPHALT SURFACE REMOVAL

FILE NAME: S:\Projects\416-0015-6HY MO #6 IL 157 3P IL 15 to Lake Drive\Design\CADD_Sheets\0876K99-ht-supical.dgn



USER NAME = Jennifer	DESIGNED - ACM	REVISED -
MODEL NAME = Typ 06	DRAWN - WJS	REVISED -
PLOT SCALE = 10,0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 12/11/2017	DATE - 11-10-2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP ROUTE 592 (IL ROUTE 157)
TYPICAL SECTIONS

SCALE: NONE SHEET 6 OF 6 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(120, 130)RS-2	ST. CLAIR	30	12
CONTRACT NO. 76K99				
ILLINOIS FED. AID PROJECT				

PAVING SCHEDULE

LOCATION		BITUMINOUS MATERIALS (TACK COAT)	LEVELING BINDER (MACHINE METHOD), N70	TEMPORARY RAMP	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	LONGITUDINAL JOINT SEALANT	AGGREGATE SHOULDERS, TYPE B 8"
STATION TO STATION	ROADWAY	(POUND)	(TON)	(SQ YD)	(TON)	(FOOT)	(SQ YD)
STA 100+00 TO STA 118+09	IL 157	4510.53	280.7	361.50	561.3	1757	188
STA 118+09 TO STA 154+34	IL 157	7068.75	439.8		879.7	3721	
STA 154+34 TO STA 162+30	IL 157	2420.72	301.20	56.2	301.2	2030.0	
SUBTOTAL		14000.0	1021.7	417.7	1742.2	7508.0	188.0
PAY TOTAL		14000	1022	418	1743	7508	188

PATCHING SCHEDULE

LOCATION						PAVEMENT PATCHING, TYPE II, 13 INCH	PAVEMENT PATCHING, TYPE III, 13 INCH	PAVEMENT PATCHING, TYPE IV, 13 INCH	PAVEMENT PATCHING, TYPE II, 14 INCH
MILE POINT	STATION	LANE	NB/SB	LENGTH (FT)	WIDTH (FT)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)
0.00	100+00	PAVEMENT JOINT							
0.00	100+00		NB	6	12				8
0.10	105+28	TURN LANE	NB	6	12				8
0.12	106+34	TURN LANE	NB	6	12				8
0.13	106+86	TURN LANE	NB	6	12				8
0.30	115+84		NB	12	12		16		
0.32	116+90		NB	12	12		16		
0.35	118+48		SB	6	12	8			
0.40	121+12		SB	6	12	8			
0.42	122+18		SB	6	12	8			
0.46	124+29		SB	6	12	8			
0.48	125+34		SB	6	12	8			
0.50	126+40		NB	12	12		16		
0.52	127+46		NB	12	12		16		
0.55	129+04		NB	12	12		16		
0.60	131+68		SB	6	12	8			
0.60	131+68		NB	12	12		16		
0.70	136+96		NB	12	12		16		
0.70	136+96		SB	6	12	8			
0.75	139+60		SB	6	12	8			
0.80	142+24		NB	6	12	8			
0.90	147+52		NB	6	12	8			
0.90	147+52		SB	6	12	8			
1.00	152+80		NB	60	6			40	
1.00	152+80		SB	6	12	8			
1.05	155+44		NB	12	12		16		
1.08	157+02		NB	6	12	8			
1.10	158+08		NB	15	12		20		
1.10	158+08		SB	6	12	8			
1.15	160+72		SB	6	12	8			
1.15	160+72	FAR RIGHT LANE	NB	6	12	8			
1.18	162+30	FAR RIGHT LANE	NB	30	6		20		
SUBTOTAL						128	168	40	32
15% FOR ANTICIPATED FAILURES						20	26	6	5
TOTAL						148	194	46	37

MEDIAN SCHEDULE

LOCATION				SUBBASE GRANULAR MATERIAL, TYPE B 4"	PROTECTIVE COAT	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	CONCRETE MEDIAN SURFACE, 4 INCH	CONCRETE MEDIAN, TYPE SB-6.12
STATION	STATION	ROADWAY	SIDE	(SQ YD)	(SQ YD)	(FOOT)	(SQ FT)	(SQ FT)
161+03	162+30	IL 157	LT	184.63	197.8	238.1	1237.0	47.4
SUBTOTAL				184.63	197.8	238.1	1237.0	47.4
PAY TOTAL				185	198	239	1237	48

REMOVAL SCHEDULE

LOCATION		HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	COMBINATION CURB AND GUTTER REMOVAL	CONCRETE MEDIAN SURFACE REMOVAL	MEDIAN REMOVAL PARTIAL DEPTH	PAVED SHOULDER REMOVAL
STATION TO STATION	ROADWAY	(SQ YD)	(SQ YD)	(FOOT)	(SQ FT)	(SQ FT)	(SQ YD)
STA 100+00 TO STA 118+09	IL 157	6682.3					145.7
STA 118+09 TO STA 154+34	IL 157	10472.2					
STA 154+34 TO STA 162+30	IL 157		3586.3	251	1253.5	4311.8	
SUBTOTAL		17154.5	3586.3	251	1253.5	4311.8	145.7
PAY TOTAL		17155	3587	251	1254	4312	146

SIGN SCHEDULE

LOCATION			SIGN DIMENSIONS	REMOVE SIGN PANEL ASSEMBLY - TYPE A	SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT	BASE FOR TELESCOPING STEEL SIGN SUPPORT
STATION	SIDE	ROADWAY	(IN. X IN.)	(EACH)	(SQ FT)	(FOOT)	(EACH)
161+13	LT	IL 157	KEEP RIGHT	24X30	1		
161+15	LT	IL 157	KEEP RIGHT	24X30		5.00	10
SUBTOTAL				1	5.00	10	1
PAY TOTAL				1	5	10	1

FILE NAME: S:\Projects\416-0015-6HY MO #6 IL 157 3P IL 15 to Lake Drive\Output\CADD_Sheets\0876K99-ah-t-schedule.dgn



USER NAME = Jennifer	DESIGNED - JLS	REVISED -
MODEL NAME = Sch-01	DRAWN - EDW	REVISED -
PLOT SCALE = 0.1667" / in.	CHECKED - ESW	REVISED -
PLOT DATE = 12/11/2017	DATE - 11-10-2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP ROUTE 592 (IL ROUTE 157)
SCHEDULES OF QUANTITIES

SCALE: NONE SHEET 1 OF 2 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(120, 130)RS-2	ST. CLAIR	30	13
CONTRACT NO. 76K99				
ILLINOIS FED. AID PROJECT				

THERMOPLASTIC PAVEMENT MARKING SCHEDULE

LOCATION		THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS (SQ FT)	THERMOPLASTIC PAVEMENT MARKING - LINE 4"				THERMOPLASTIC PAVEMENT MARKING - LINE 12"			RAISED REFLECTIVE PAVEMENT MARKER			RAISED REFLECTIVE PAVEMENT MARKER REMOVAL (EACH)	PAINT PAVEMENT MARKING CURB (FOOT)	PAINT PAVEMENT MARKING - RAISED MEDIAN (SQ FT)	CURB REFLECTORS (EACH)	
			SOLID WHITE (FOOT)	WHITE SKIP-DASH (FOOT)	SOLID YELLOW (FOOT)	YELLOW SKIP-DASH (FOOT)	SOLID YELLOW (FOOT)	AMBER TWO-WAY (EACH)	AMBER ONE-WAY (EACH)	CRYSTAL ONE-WAY (EACH)							
STATION TO STATION	ROADWAY																
STA 100+00 TO STA 105+25	IL 157		630.0		1262.0						8		8				
STA 105+25 TO STA 110+40	IL 157	62.4	1303.0		870.0							9	9				
STA 110+40 TO STA 121+00	IL 157		1867.0		2257.0	92.0				5	12		17				
STA 121+00 TO STA 122+25	IL 157		250.0		125.0	31.3				2			2				
STA 122+25 TO STA 148+75	IL 157		5300.0		0.0	662.5				33			33				
STA 148+75 TO STA 151+00	IL 157		450.0		225.0	56.3				3			3				
STA 151+00 TO STA 162+30	IL 157		2260.0	102.8	2951.0	35.0		312.2		9	20	5	34	48	44	10	
SUBTOTAL		62.4	12060.0	102.8	7690.0	877.1		312.2		52	40	14	106	48	44	10	
PAY TOTAL		63	20730						313		106			106	48	44	10

TEMPORARY PAVEMENT MARKING SCHEDULE

LOCATION		SHORT TERM PAVEMENT MARKING (FOOT)	SHORT TERM PAVEMENT MARKING REMOVAL (SQ FT)	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS (SQ FT)	TEMPORARY PAVEMENT MARKING - LINE 4"				TEMPORARY PAVEMENT MARKING - LINE 12" SOLID YELLOW (FOOT)	TEMPORARY PAVEMENT MARKING REMOVAL (SQ FT)
					SOLID WHITE (FOOT)	WHITE SKIP-DASH (FOOT)	SOLID YELLOW (FOOT)	YELLOW SKIP-DASH (FOOT)		
STATION TO STATION	ROADWAY									
STA 100+00 TO STA 105+25	IL 157	110.4	17.9		630.0		1262.0		630.6	
STA 105+25 TO STA 110+40	IL 157	131.2	23.5	62.4	1303.0		870.0		786.8	
STA 110+40 TO STA 121+00	IL 157	305.9	43.2		1867.0		2257.0	92.0	1405.3	
STA 121+00 TO STA 122+25	IL 157	37.5	4.2		250.0		125.0	31.3	135.4	
STA 122+25 TO STA 148+75	IL 157	795	88.3		5300.0			662.5	1987.5	
STA 148+75 TO STA 151+00	IL 157	67.5	7.5		450.0		225.0	56.3	243.8	
STA 151+00 TO STA 162+30	IL 157	619.5	80.3		2260.0	102.8	2951.0	35.0	2095.0	
SUBTOTAL		2067.0	264.9	62.4	12060.0	102.8	7690.0	877.1	7284.4	
PAY TOTAL		2067	265	63	20730				313	7285

GUARDRAIL SCHEDULE

LOCATION			STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS (FOOT)	STEEL PLATE BEAM GUARDRAIL, 6 FOOT POSTS SPECIAL (FOOT)	TRAFFIC BARRIER TERMINAL, TYPE 2 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT (EACH)	GUARDRAIL REMOVAL (FOOT)	TERMINAL MARKER - DIRECT APPLIED (EACH)	GUARDRAIL REFLECTORS, TYPE A (EACH)
STATION TO STATION	SIDE	ROADWAY							
STA 106+28 TO STA 108+58	RT	IL 157	112.5	62.5	1	1	205	1	4
STA 107+97 TO STA 109+81	LT	IL 157	62.5	62.5	1	1	151	1	4
SUBTOTAL			175.0	125.0	2	2	356	2	8
PAY TOTAL			175	125	2	2	356	2	8

FILE NAME: S:\Projects\416-0015-6HY MO #6 IL 157 3P IL 157 to Lake Drive\Design\CADD_Sheets\0876K99-sh-t-schedule.dgn



USER NAME = Jennifer	DESIGNED - JLS	REVISED -
MODEL NAME = Sch-02	DRAWN - EDW	REVISED -
PLOT SCALE = 0.1667" / in.	CHECKED - ESW	REVISED -
PLOT DATE = 12/11/2017	DATE - 11-10-2017	REVISED -

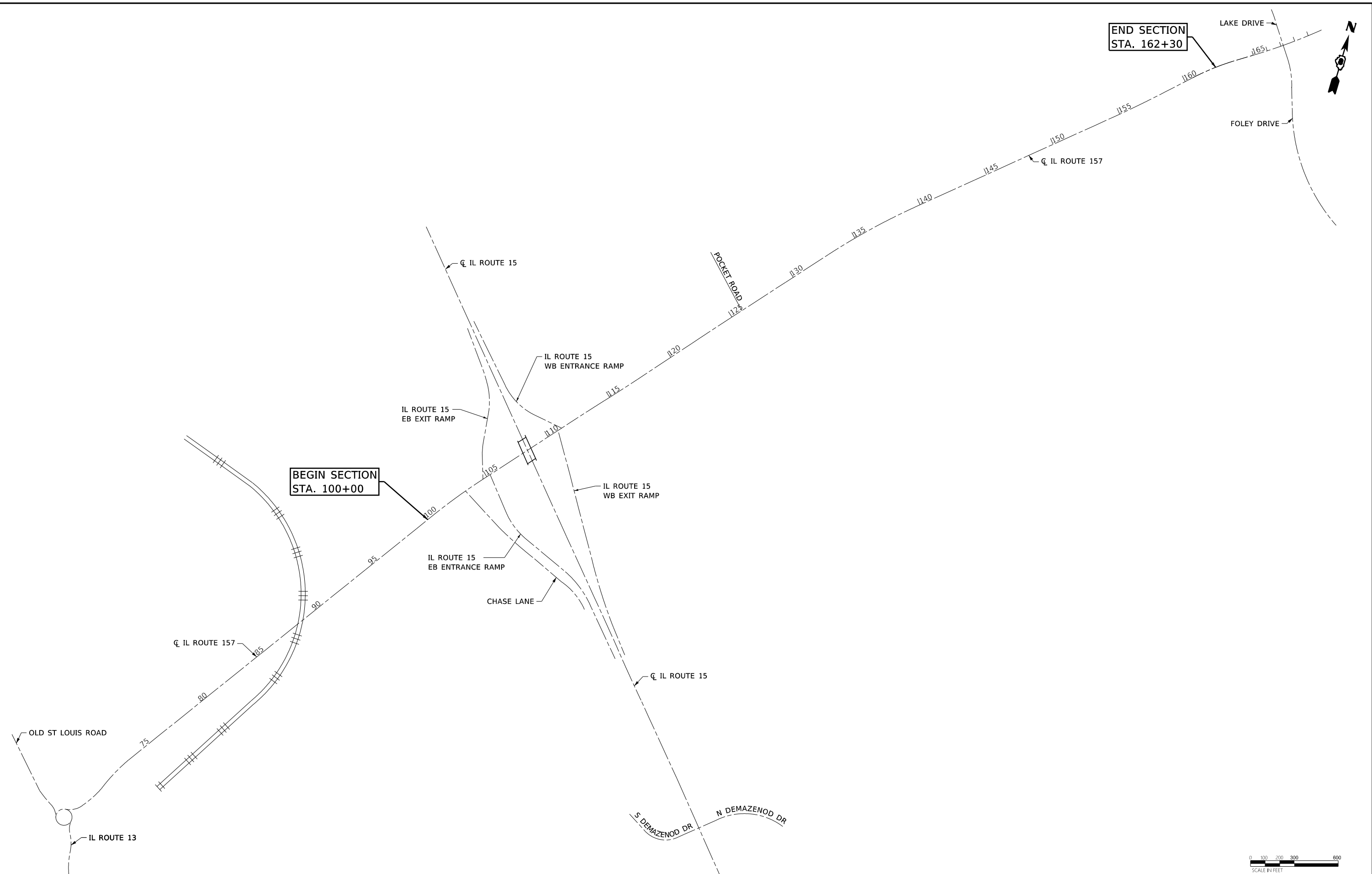
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
SCHEDULES OF QUANTITIES**

SCALE: NONE SHEET 2 OF 2 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(120, 130)RS-2	ST. CLAIR	30	14
CONTRACT NO. 76K99				
ILLINOIS FED. AID PROJECT				

FILE NAME: S:\Projects\416-0015-6HY MO #6 IL 157 3P IL 15 to Lake Drive\Design\CADD_Sheets\0876K99-sh1-Location_Map.dgn



END SECTION
STA. 162+30

BEGIN SECTION
STA. 100+00



USER NAME = Jennifer	DESIGNED - ACM	REVISED -
MODEL NAME = Location	DRAWN - PDB	REVISED -
PLOT SCALE = 600.0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 12/11/2017	DATE - 11-10-2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP ROUTE 592 (IL ROUTE 157)
PROJECT LOCATION MAP

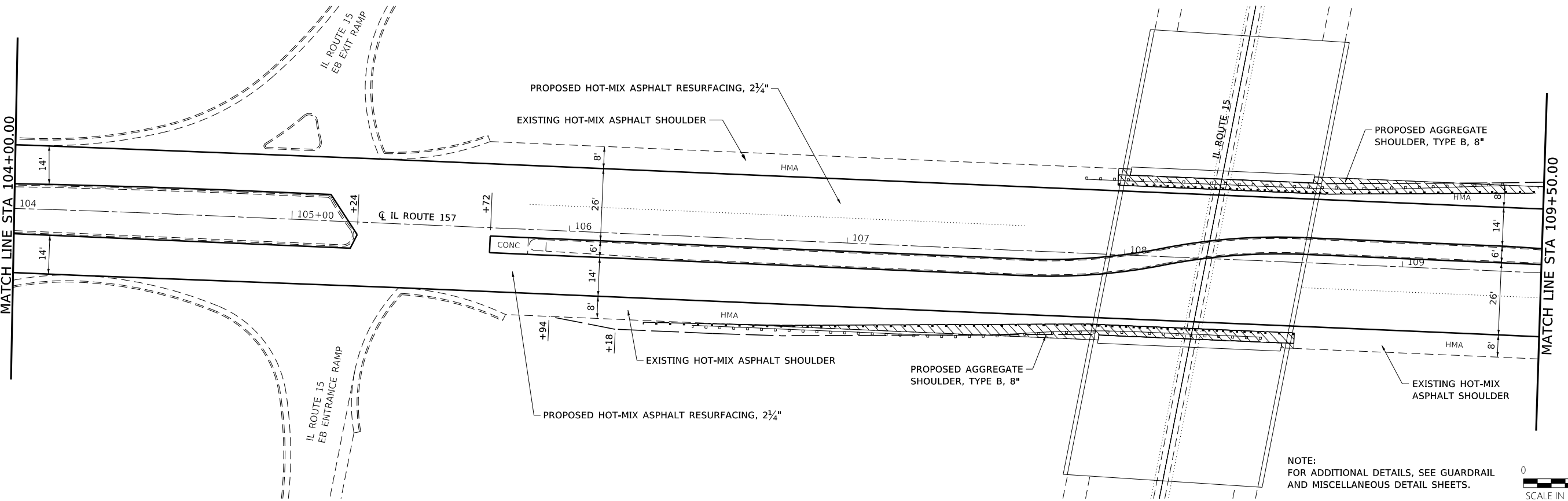
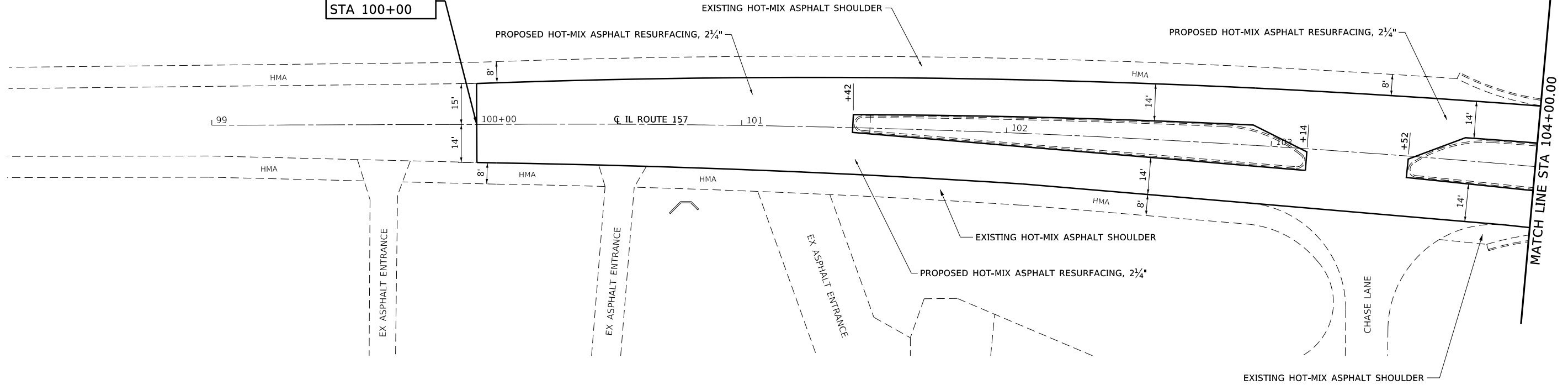
SCALE: 1"=300' SHEET 1 OF 1 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(120, 130)RS-2	ST. CLAIR	30	15
CONTRACT NO. 76K99				

ILLINOIS FED. AID PROJECT

FILE NAME: S:\Projects\416-20015-6HY MO #6 IL 157 3P IL 15 to Lake Drive\Output\CADD_Sheets\0876K99-sh1-Plan.dgn

BEGIN SECTION
STA 100+00



NOTE:
FOR ADDITIONAL DETAILS, SEE GUARDRAIL
AND MISCELLANEOUS DETAIL SHEETS.



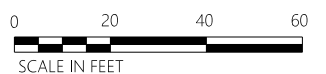
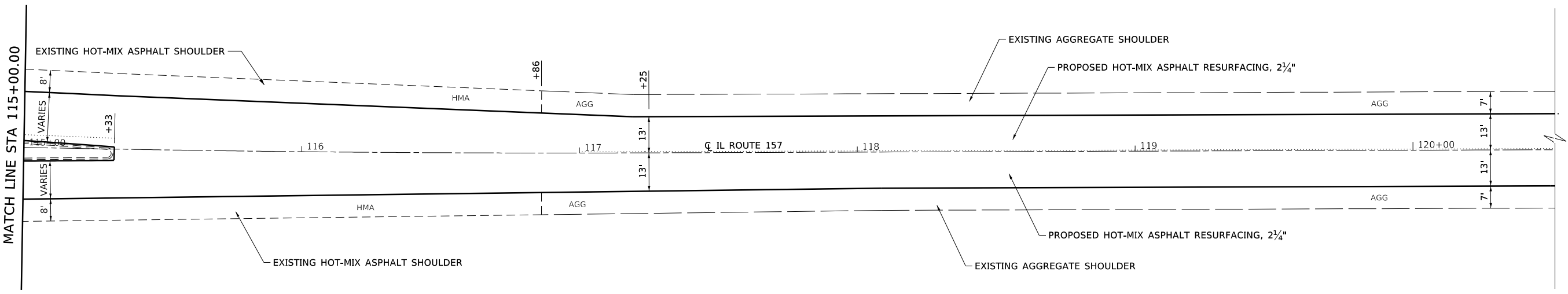
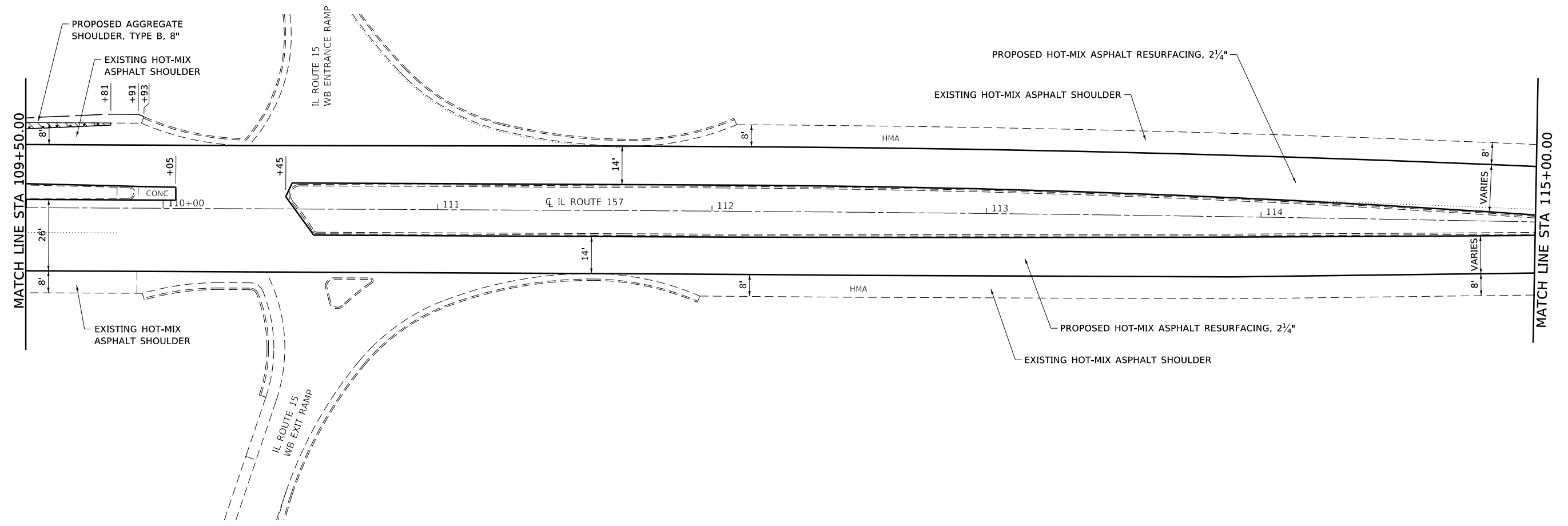
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MODEL NAME = 1-Plan Detail	DRAWN - PDB	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 12/11/2017	DATE - 11-10-2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP ROUTE 592 (IL ROUTE 157) PLAN DETAILS		
SCALE: 1"=20'	SHEET 1 OF 3 SHEETS	STA 100+00 TO STA 109+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(120, 130)RS-2	ST. CLAIR	30	16
CONTRACT NO. 76K99				
ILLINOIS FED. AID PROJECT				

FILE NAME: S:\Projects\416-0015-6HY MO #6 IL 157 3P IL 15 to Lake Drive\Design\CADD_Sheets\0876K99-sh1-Plan.dgn



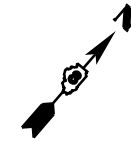
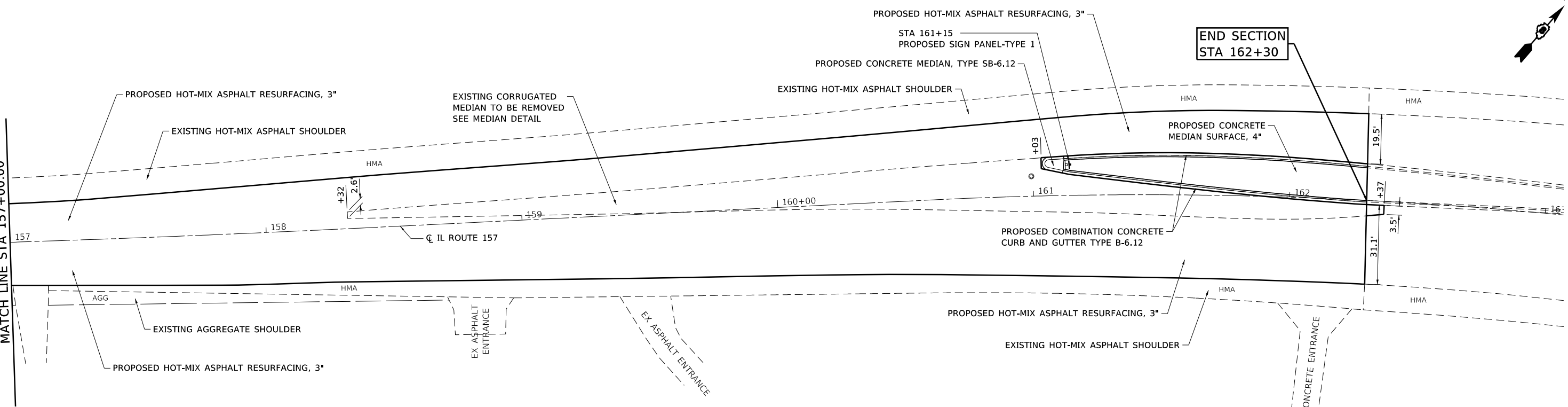
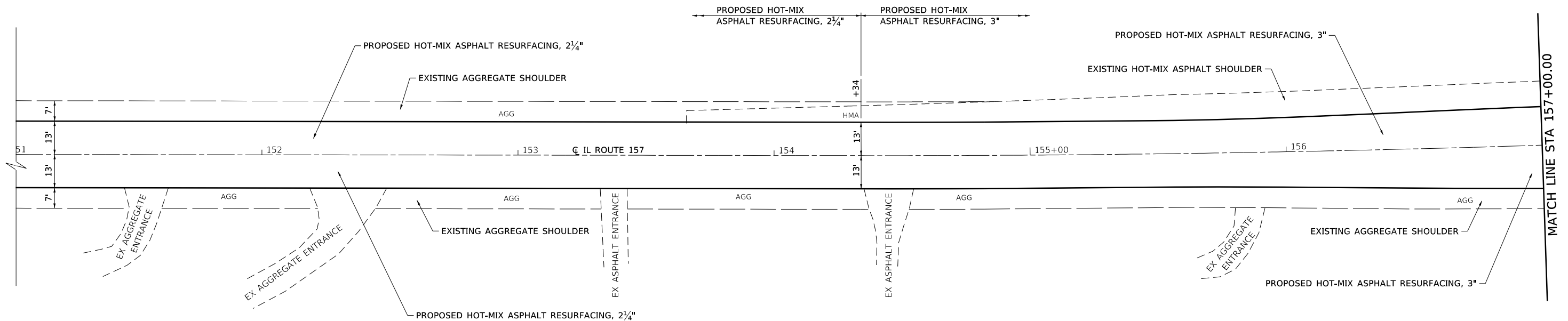
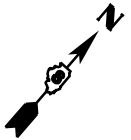
USER NAME = Jennifer	DESIGNED - ACM	REVISED -
MODEL NAME = 2-Plan Detail	DRAWN - PDB	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 12/11/2017	DATE - 11-10-2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
PLAN DETAILS**

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA 109+50 TO STA 120+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(120, 130)RS-2	ST. CLAIR	30	17
CONTRACT NO. 76K99				
ILLINOIS FED. AID PROJECT				



NOTE:
FOR ADDITIONAL DETAILS,
SEE MEDIAN DETAIL SHEET.



FILE NAME: S:\Projects\416-0015-6HY MO #6 IL 157 3P IL 15 to Lake Drive\Drawn\CADD_Sheets\0876K99-shr-Plan.dgn

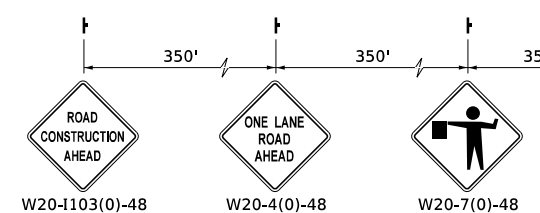
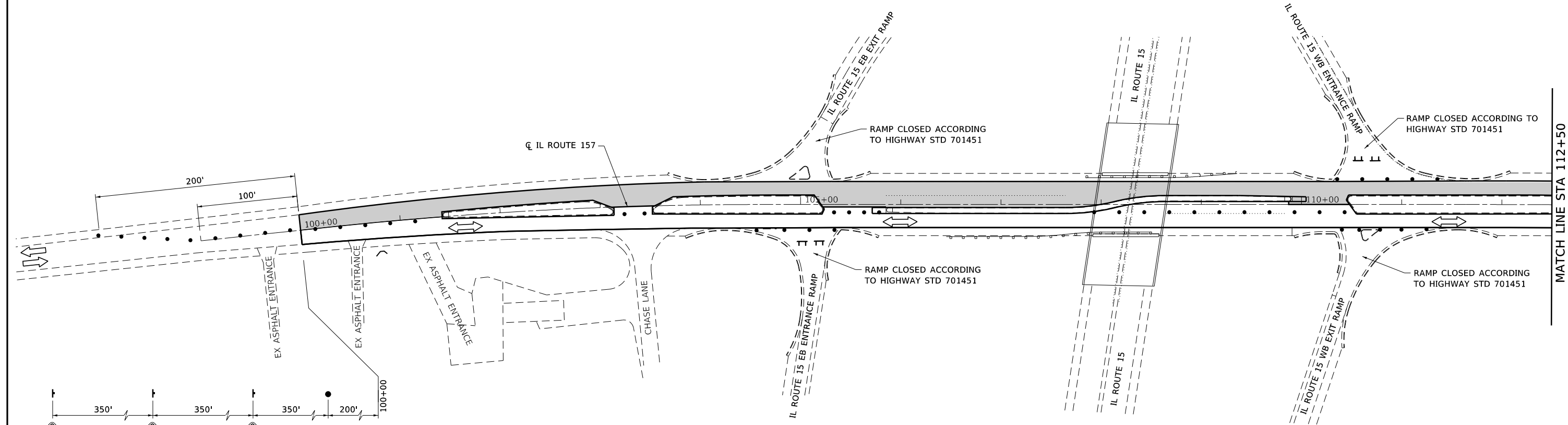
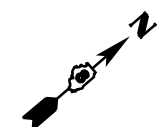


USER NAME = Jennifer	DESIGNED - ACM	REVISED -
MODEL NAME = 3-Plan Detail	DRAWN - PDB	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 12/11/2017	DATE - 11-10-2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FAP ROUTE 592 (IL ROUTE 157) PLAN DETAILS		
SCALE: 1"=20'	SHEET 3 OF 3 SHEETS	STA 151+00 TO STA 162+23

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(120, 130)RS-2	ST. CLAIR	30	18
CONTRACT NO. 76K99				
ILLINOIS FED. AID PROJECT				



LEGEND

- TYPE II BARRICADE/DRUM
- FLAGGER WITH TRAFFIC CONTROL SIGN
- ⊥ TYPE III BARRICADE
- ⇄ DIRECTION OF TRAFFIC
- ▨ CONSTRUCTION OPERATIONS THIS STAGE

NOTES: TRAFFIC CONTROL IN ACCORDANCE WITH HIGHWAY STANDARDS 701451 AND 701501. COST INCLUDED IN TRAFFIC CONTROL AND PROTECTION, STANDARD 701501, SPECIAL. SEE SPECIAL PROVISIONS.



FILE NAME: S:\Projects\416-20015-6HY_M0_6_IL_157_3P_IL_15_to_Lake_Drive\Drawn\CADD_Sheets\0876K99-ah-mot_S1.dgn



USER NAME = Jennifer	DESIGNED - ACM	REVISED -
MODEL NAME = MOT-S1	DRAWN - EDW	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 12/11/2017	DATE - 11-10-2017	REVISED -

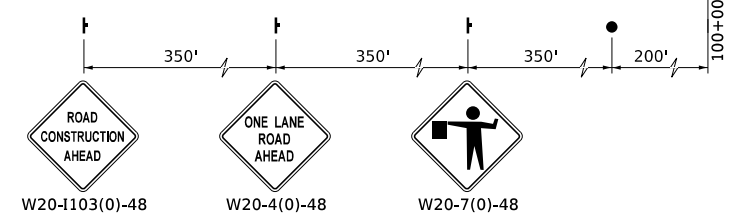
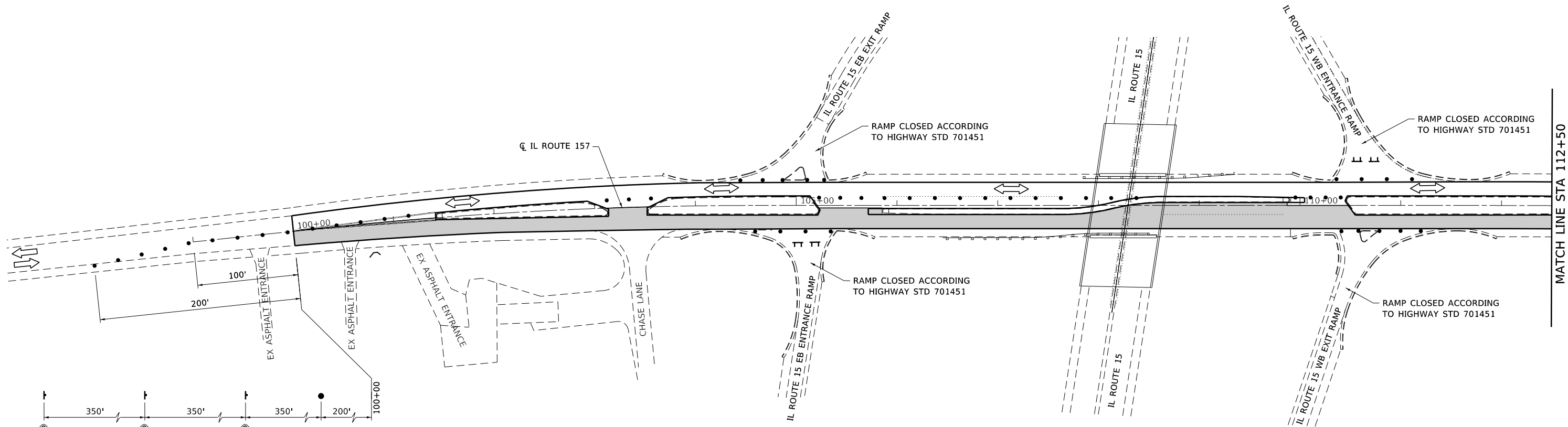
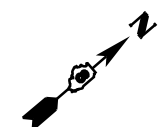
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
SOUTHBOUND LANE CLOSURE DETAIL**

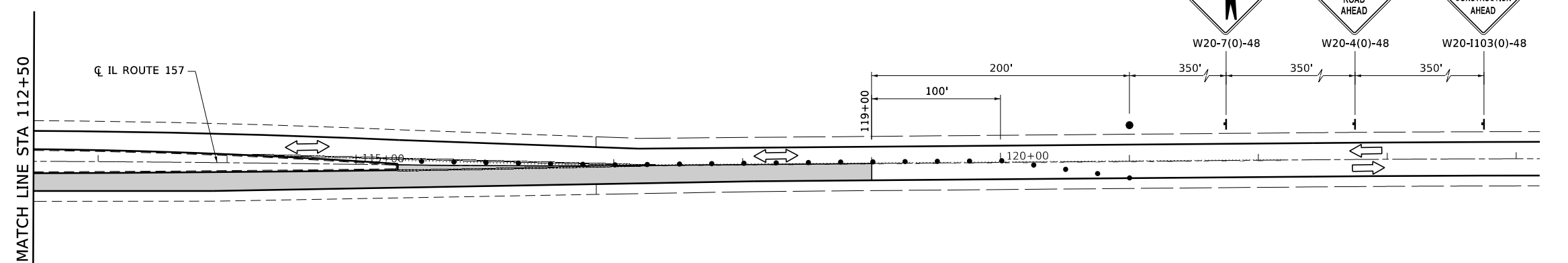
SCALE: 1"=50' SHEET 1 OF 2 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(120, 130)RS-2	ST. CLAIR	30	19
CONTRACT NO. 76K99				
ILLINOIS FED. AID PROJECT				

MATCH LINE STA 112+50



W20-1103(0)-48 W20-4(0)-48 W20-7(0)-48



LEGEND

- TYPE II BARRICADE/DRUM
- FLAGGER WITH TRAFFIC CONTROL SIGN
- ⊥ TYPE III BARRICADE
- ← DIRECTION OF TRAFFIC
- CONSTRUCTION OPERATIONS THIS STAGE

NOTE: TRAFFIC CONTROL IN ACCORDANCE WITH HIGHWAY STANDARDS 701451 AND 701501. COST INCLUDED IN TRAFFIC CONTROL AND PROTECTION, STANDARD 70501, SPECIAL. SEE SPECIAL PROVISIONS.



FILE NAME: S:\Projects\416-20015-6HY MO #6 IL 157 3P IL 15 to Lake Drive\Output\CADD_Sheets\0876K99-ah-mot_s2.dgn



USER NAME = Jennifer	DESIGNED - ACM	REVISED -
MODEL NAME = MOT-S2	DRAWN - EDW	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 12/11/2017	DATE - 11-10-2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
NORTHBOUND LANE CLOSURE DETAIL**

SCALE: 1"=50' SHEET 2 OF 2 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(120, 130)RS-2	ST. CLAIR	30	20
CONTRACT NO. 76K99				
ILLINOIS FED. AID PROJECT				

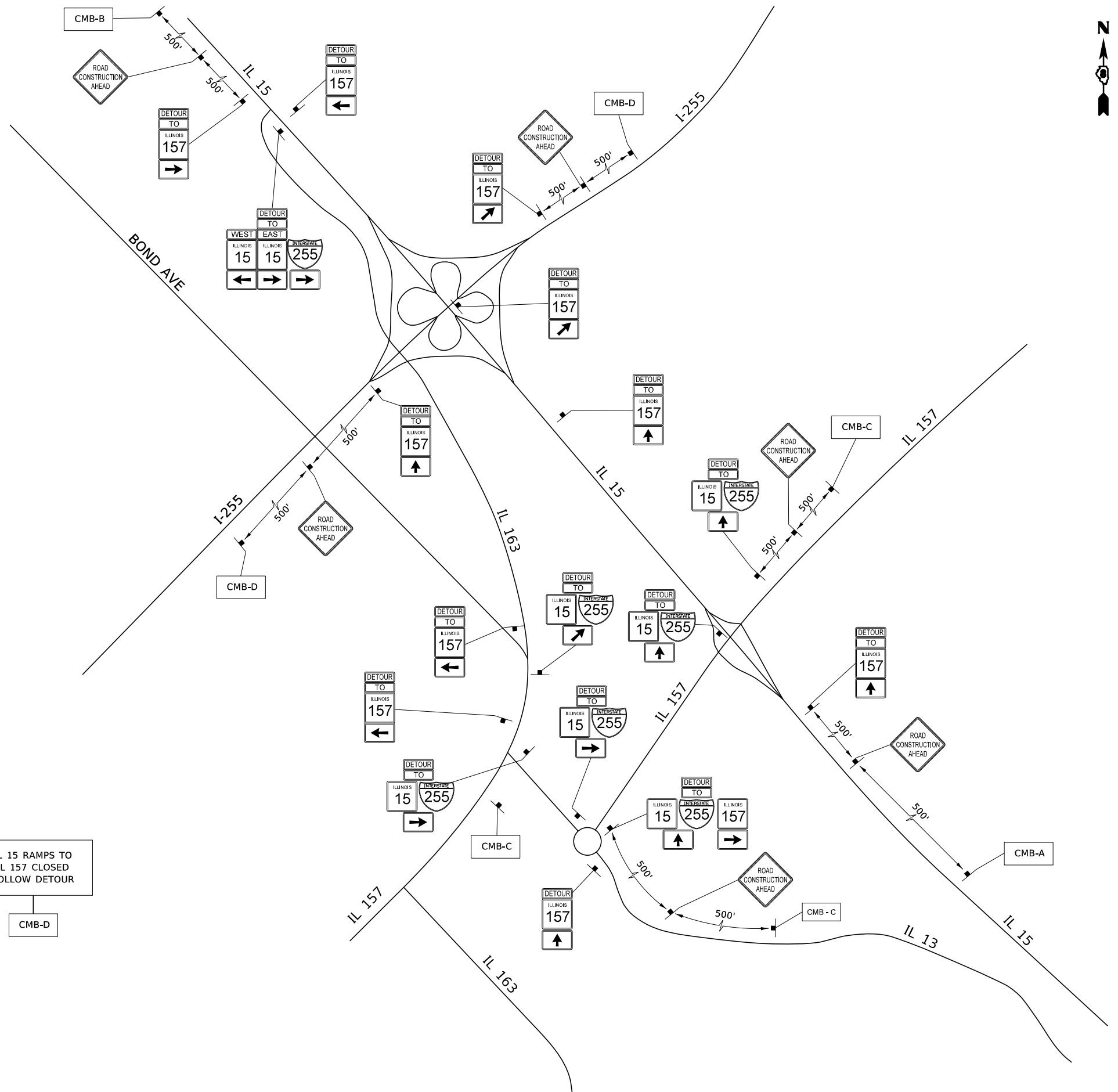
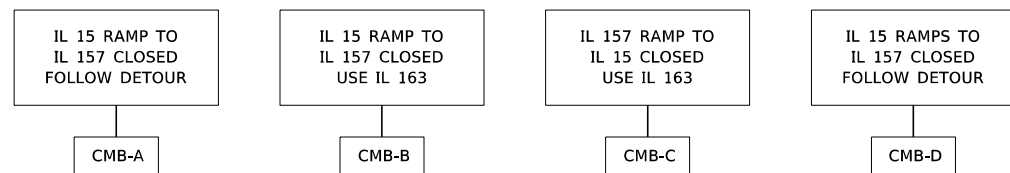
MATCH LINE STA 112+50

**DETOUR ROUTES
SIGN LEGEND**

SIGN	SIGN DESIGNATION	STATE ROUTE SIGN SIZE	I-255 ROUTE SIGN SIZE
	M3-2	24 X 12	36 X 18
	M3-4	24 X 12	36 X 18
	M4-5	24 X 12	36 X 18
	M4-8	24 X 12	30 X 15
	M6-1(R)	21 X 15	30 X 18
	M6-1(L)	21 X 15	30 X 18
	M6-3	21 X 15	30 X 18
	M6-2	21 X 15	30 X 18
	M1-I100	24 X 24	36 X 36
	M1-I100	30 X 24	30 X 24
	M1-1	30 X 24	45 X 36
	W20-I103	48 X 48	48 X 48

NOTE: SIGN PLACEMENT AS DIRECTED BY THE ENGINEER

**CHANGEABLE MESSAGE BOARDS
(USE DURING RAMP CLOSURES)**



FILE NAME: S:\Projects\416-0015-6HY MO #6 IL 157 3P IL 15 to Lake Drive\Design\CADD_Sheets\0876K99-shd-Detour_Signing.dgn



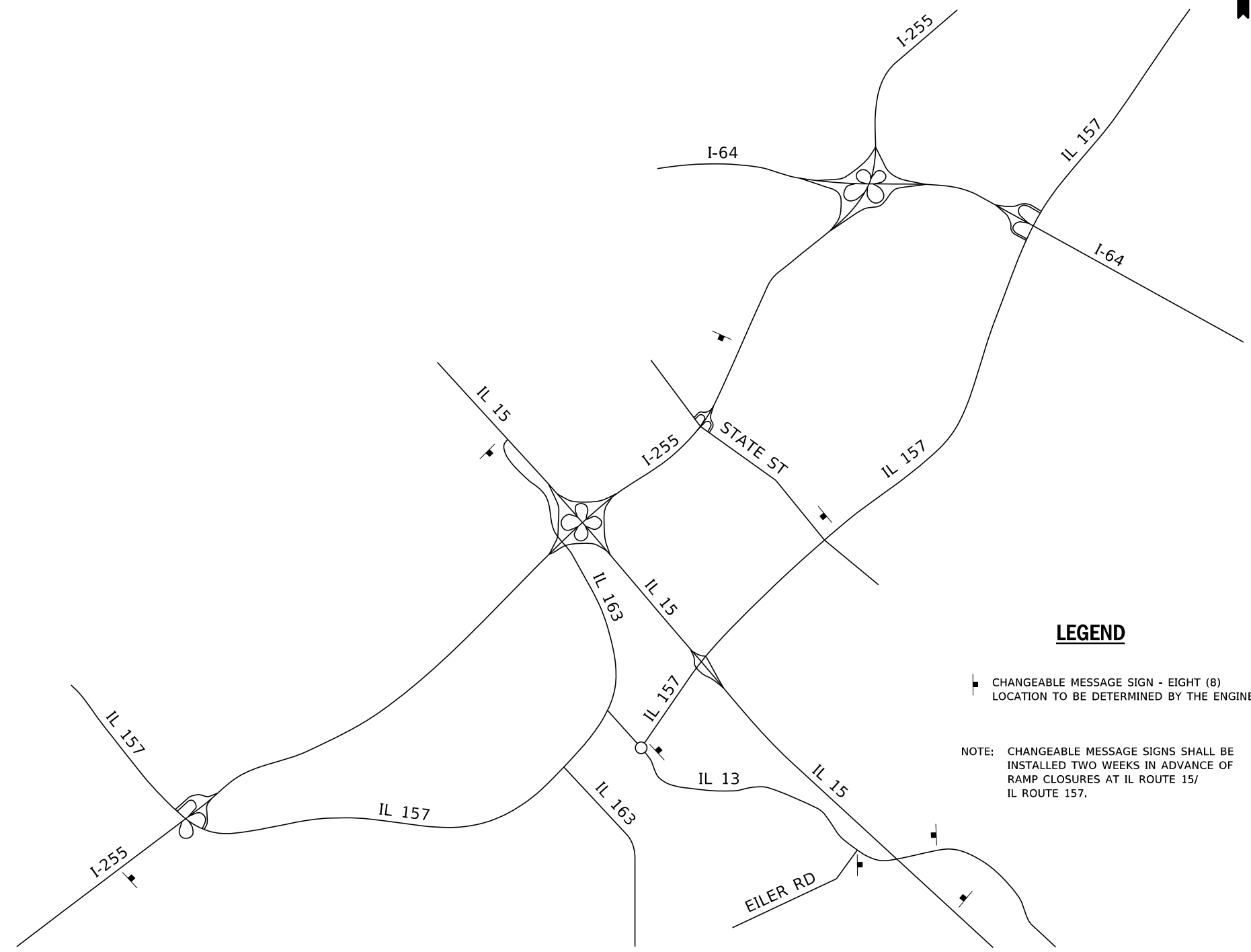
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MODEL NAME = DET PLN-01	DRAWN - LEC	REVISED -
PLOT SCALE = 10,0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 12/11/2017	DATE - 11-10-2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP ROUTE 592 (IL ROUTE 157)
DETOUR SIGNING PLAN

SCALE: NONE SHEET 1 OF 1 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(120, 130)RS-2	ST. CLAIR	30	21
CONTRACT NO. 76K99				
ILLINOIS FED. AID PROJECT				



LEGEND

▣ CHANGEABLE MESSAGE SIGN - EIGHT (8)
 LOCATION TO BE DETERMINED BY THE ENGINEER

NOTE: CHANGEABLE MESSAGE SIGNS SHALL BE
 INSTALLED TWO WEEKS IN ADVANCE OF
 RAMP CLOSURES AT IL ROUTE 15/
 IL ROUTE 157.

CHANGEABLE MESSAGE SIGN LOCATIONS
 (N.T.S.)

FILE NAME: S:\Projects\416-2015-6HY MO #6 IL 157 3P IL 15 to Lake Drive\Output\CADD_Sheets\0876K99-sh1-Detour_Signing.dgn



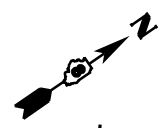
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MODEL NAME = DET PLN-02	DRAWN - LEC	REVISED -
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PLOT DATE = 12/11/2017	DATE - 11-10-2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

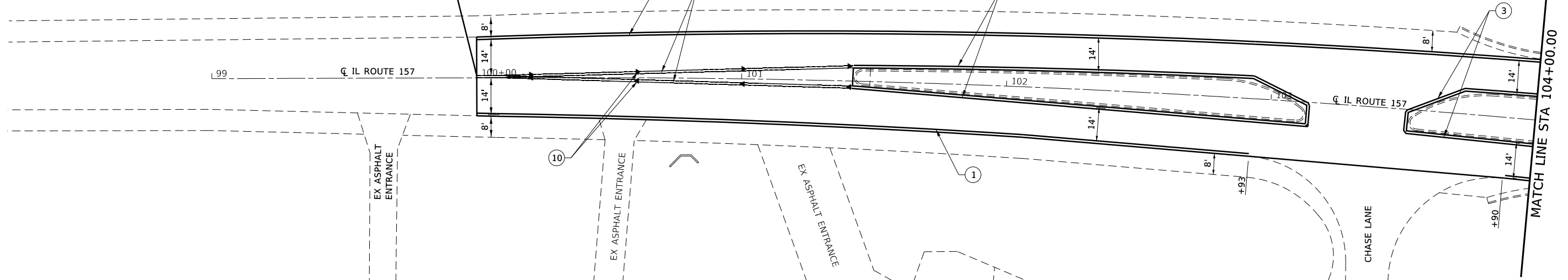
FAP ROUTE 592 (IL ROUTE 157)
CHANGEABLE MESSAGE SIGN DETAIL

SCALE: NONE SHEET 1 OF 1 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(120, 130)RS-2	ST. CLAIR	30	22
CONTRACT NO. 76K99				
ILLINOIS FED. AID PROJECT				

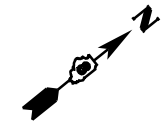
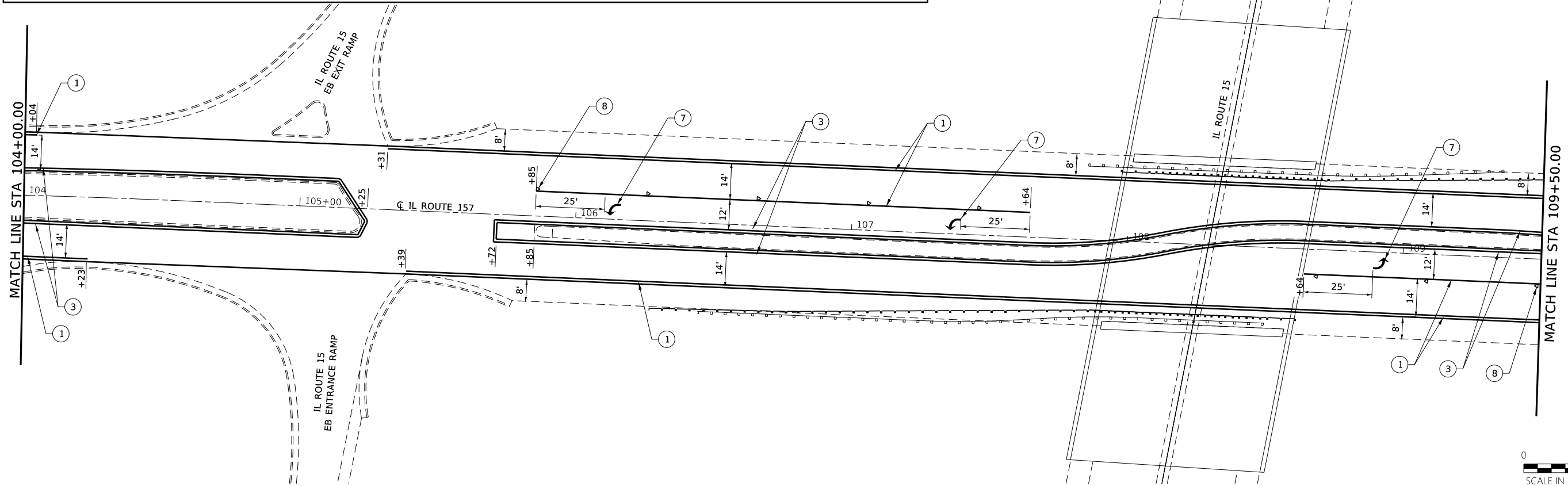


BEGIN SECTION
STA 100+00



LEGEND

- | | |
|--|--|
| ① PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SOLID WHITE | ⑨ PROPOSED ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS, 80' CENTERS |
| ② PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SKIP-DASH WHITE | ⑩ PROPOSED ONE-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS |
| ③ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SOLID YELLOW | ⑪ PROPOSED TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 80' CENTERS |
| ④ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SKIP-DASH YELLOW | ⑫ PROPOSED CURB REFLECTORS, 40' CENTERS |
| ⑤ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", DOUBLE YELLOW | ⑬ PROPOSED CURB REFLECTORS, 2' CENTERS |
| ⑥ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 12", SOLID YELLOW | ⑭ PROPOSED PAINT PAVEMENT MARKING - RAISED MEDIAN |
| ⑦ PROPOSED THERMOPLASTIC PAVEMENT LETTERS AND SYMBOLS | ⑮ PROPOSED PAINT PAVEMENT MARKING - CURB |
| ⑧ PROPOSED ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS | |



FILE NAME: S:\Projects\416-20015-6HY MO #6 IL 157 3P IL 15 to Lake Drive\Design\CADD_Sheets\0876K99-sh1-PMK.dgn



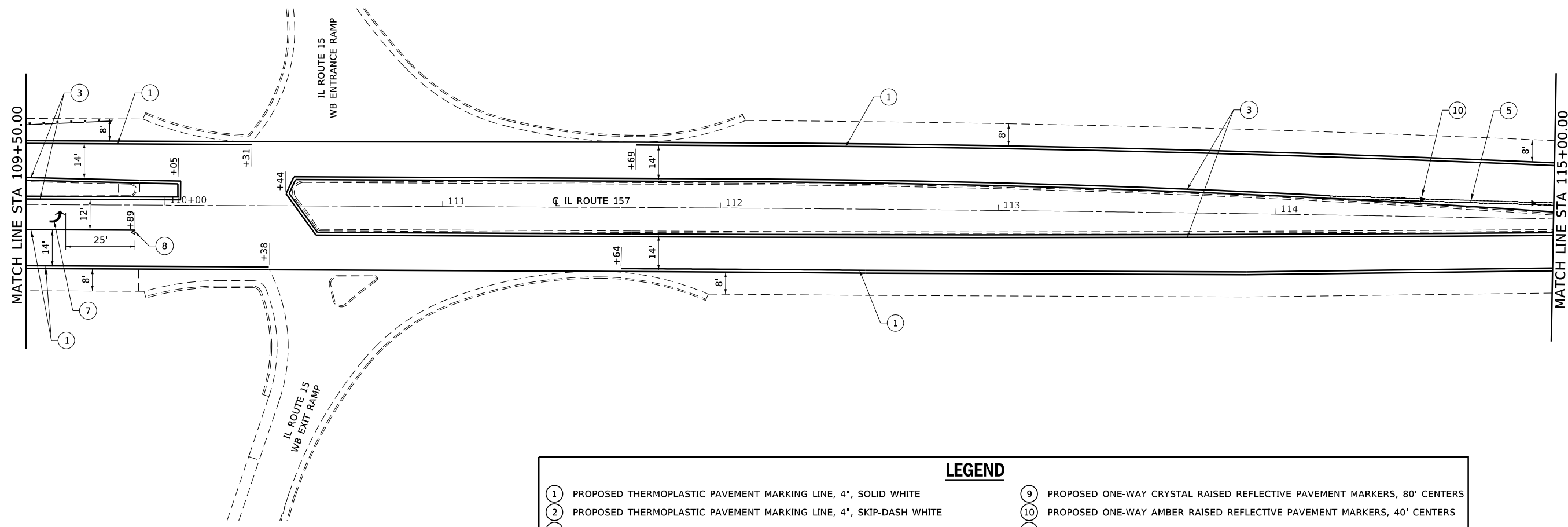
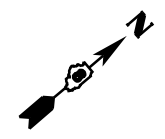
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MODEL NAME = 1-PMK Detail	DRAWN - PDB	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 12/11/2017	DATE - 11-10-2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

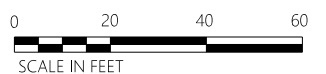
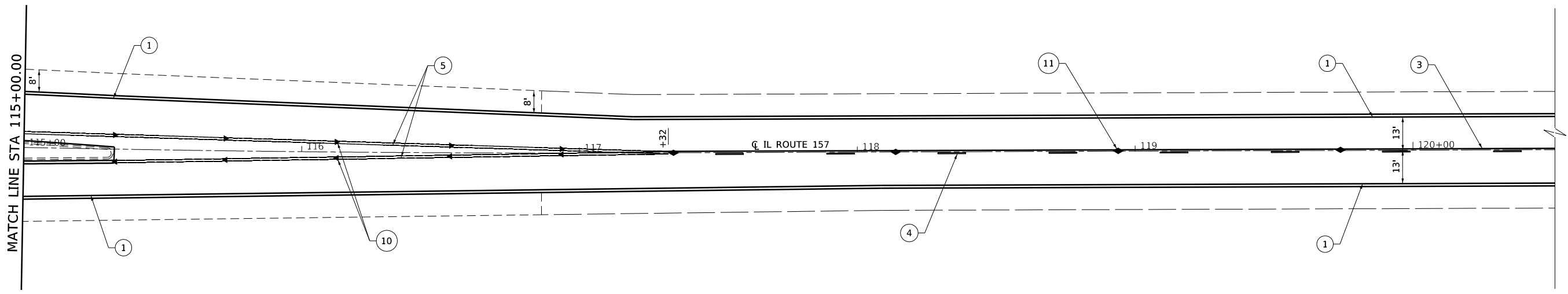
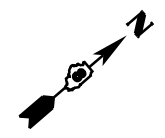
**FAP ROUTE 592 (IL ROUTE 157)
PAVEMENT MARKING DETAILS**

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA 100+00 TO STA 109+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(120, 130)RS-2	ST. CLAIR	30	23
CONTRACT NO. 76K99				
ILLINOIS FED. AID PROJECT				



LEGEND	
1	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SOLID WHITE
2	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SKIP-DASH WHITE
3	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SOLID YELLOW
4	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SKIP-DASH YELLOW
5	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", DOUBLE YELLOW
6	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 12", SOLID YELLOW
7	PROPOSED THERMOPLASTIC PAVEMENT LETTERS AND SYMBOLS
8	PROPOSED ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS
9	PROPOSED ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS, 80' CENTERS
10	PROPOSED ONE-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS
11	PROPOSED TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 80' CENTERS
12	PROPOSED CURB REFLECTORS, 40' CENTERS
13	PROPOSED CURB REFLECTORS, 2' CENTERS
14	PROPOSED PAINT PAVEMENT MARKING - RAISED MEDIAN
15	PROPOSED PAINT PAVEMENT MARKING - CURB



FILE NAME: S:\Projects\416-0015-6HY MO #6 IL 157 3P IL 15 to Lake Drive\Design\CADD_Sheets\0876K99-sh1-PMK.dgn



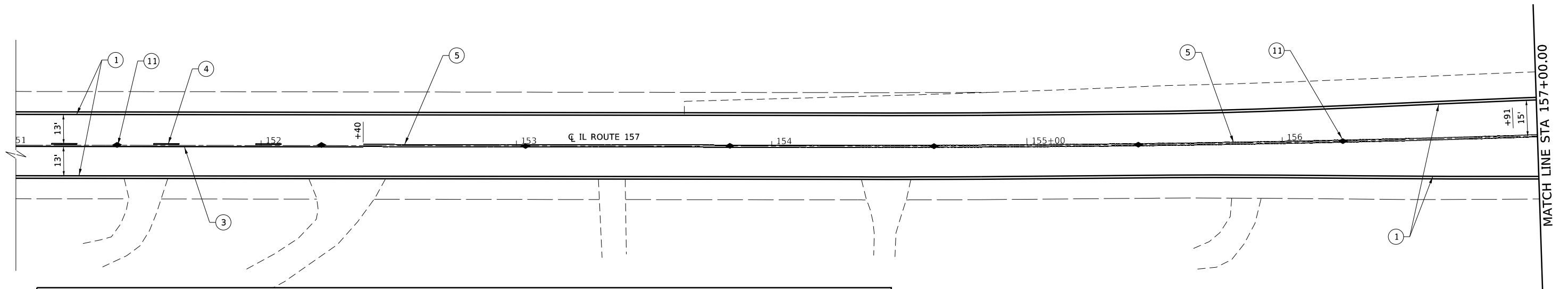
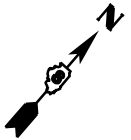
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MODEL NAME = 2-PMK Detail	DRAWN - PDB	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 12/11/2017	DATE - 11-10-2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

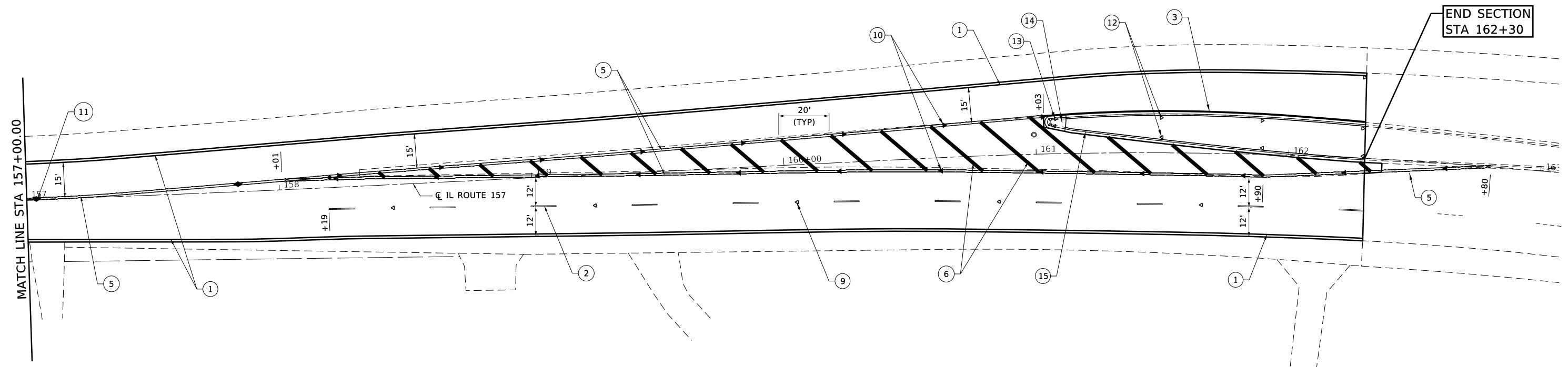
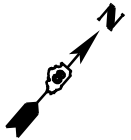
**FAP ROUTE 592 (IL ROUTE 157)
PAVEMENT MARKING DETAILS**

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA 109+50 TO STA 120+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(120, 130)RS-2	ST. CLAIR	30	24
CONTRACT NO. 76K99				
ILLINOIS FED. AID PROJECT				



LEGEND	
①	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SOLID WHITE
②	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SKIP-DASH WHITE
③	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SOLID YELLOW
④	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", SKIP-DASH YELLOW
⑤	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 4", DOUBLE YELLOW
⑥	PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE, 12", SOLID YELLOW
⑦	PROPOSED THERMOPLASTIC PAVEMENT LETTERS AND SYMBOLS
⑧	PROPOSED ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS
⑨	PROPOSED ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS, 80' CENTERS
⑩	PROPOSED ONE-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 40' CENTERS
⑪	PROPOSED TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS, 80' CENTERS
⑫	PROPOSED CURB REFLECTORS, 40' CENTERS
⑬	PROPOSED CURB REFLECTORS, 2' CENTERS
⑭	PROPOSED PAINT PAVEMENT MARKING - RAISED MEDIAN
⑮	PROPOSED PAINT PAVEMENT MARKING - CURB



FILE NAME: S:\Projects\416-20015-6HY MO #6 IL 157 3P IL 15 to Lake Drive\Drawn\CADD Sheets\0876K99-shd-PMK.dgn



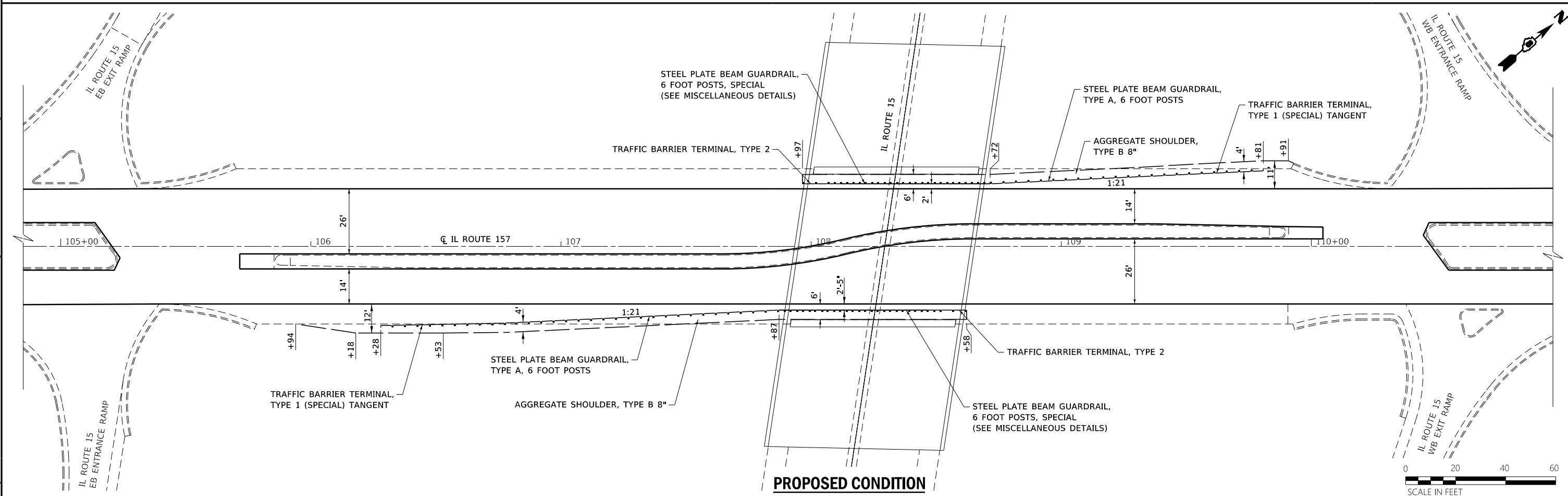
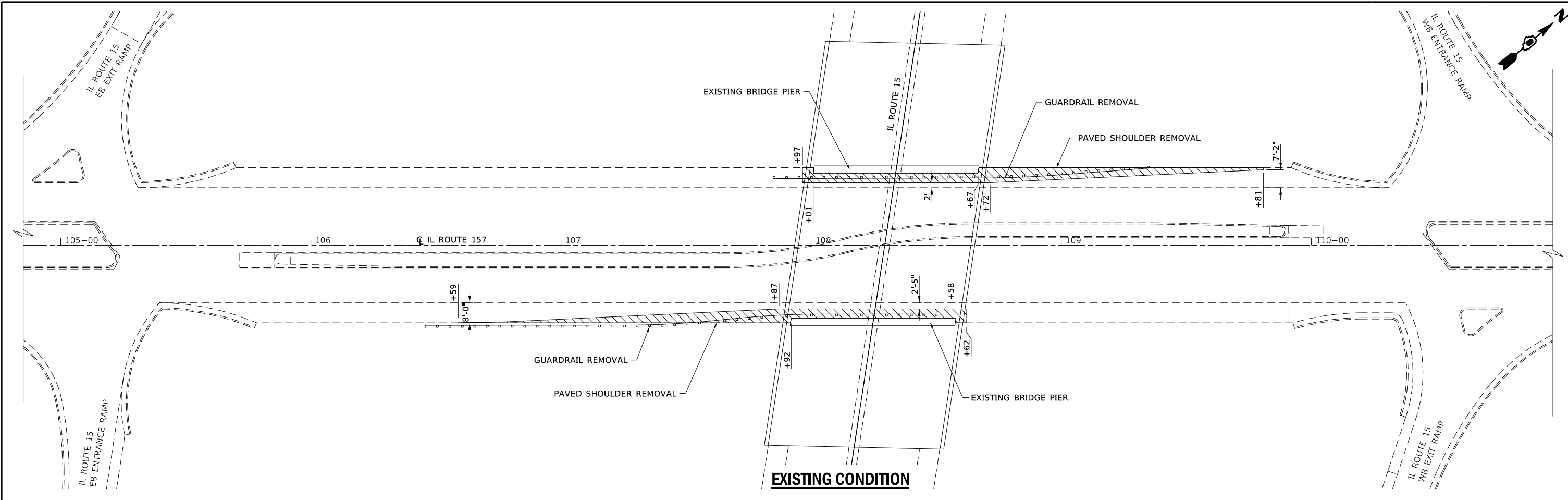
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MODEL NAME = 3-PMK Detail	DRAWN - PDB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 12/11/2017	DATE - 11-10-2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
PAVEMENT MARKING DETAILS**

SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA 151+00 TO STA 162+23.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(120, 130)RS-2	ST. CLAIR	30	25
CONTRACT NO. 76K99				
ILLINOIS FED. AID PROJECT				



FILE NAME: S:\Projects\416-20015-6HY MO #6 IL 157 3P IL 15 to Lake Drive\Output\CADD_Sheets\0876K99-sh-t-detail1.dgn



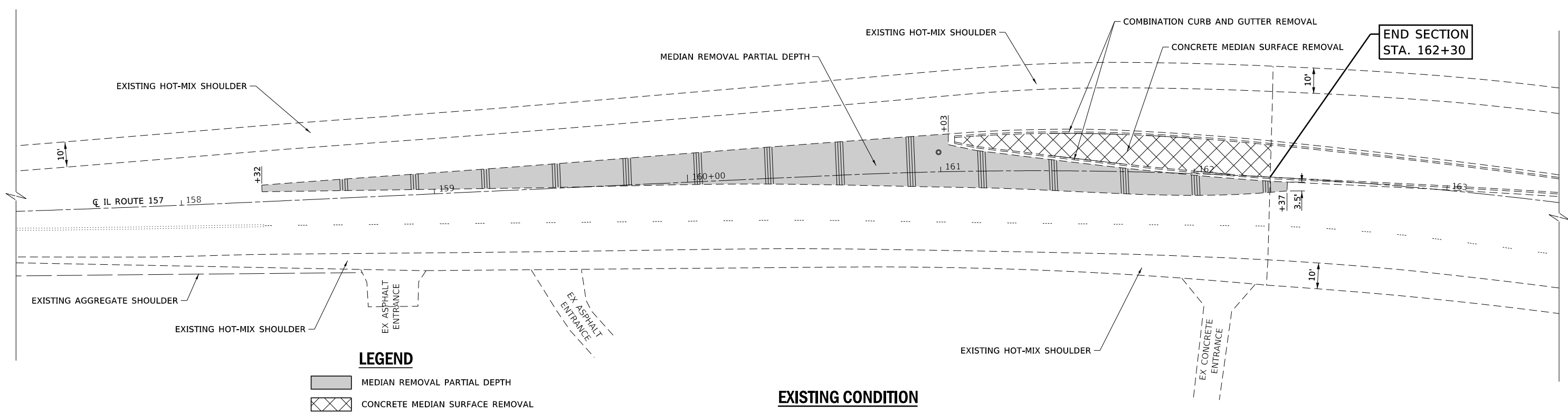
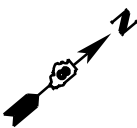
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MODEL NAME = Guardrail-21	DRAWN - PDB	REVISED -
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PLOT DATE = 12/11/2017	DATE - 11-10-2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

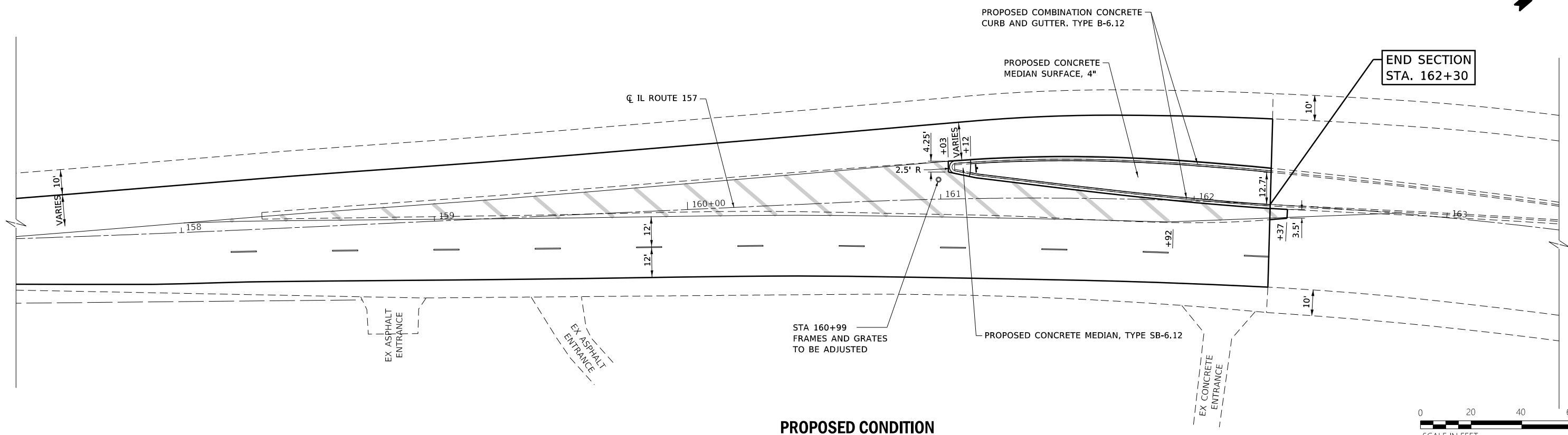
**FAP ROUTE 592 (IL ROUTE 157)
PIER PROTECTION DETAIL**

SCALE: 1"=20' SHEET 1 OF 1 SHEETS

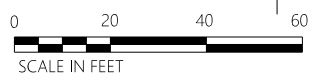
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(120, 130)RS-2	ST. CLAIR	30	26
CONTRACT NO. 76K99				
ILLINOIS FED. AID PROJECT				



EXISTING CONDITION



PROPOSED CONDITION



FILE NAME: S:\Projects\416-20015-6HY MO #6 IL 157 3P IL 15 to Lake Drive\Design\CADD_Sheets\0876K99-shd-detailed1.dgn



USER NAME = Jennifer	DESIGNED - ACM	REVISED -
MODEL NAME = Median-22	DRAWN - PDB	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 12/11/2017	DATE - 11-10-2017	REVISED -

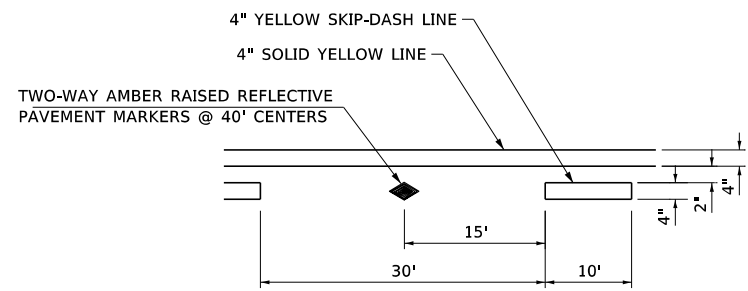
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
MEDIAN DETAIL**

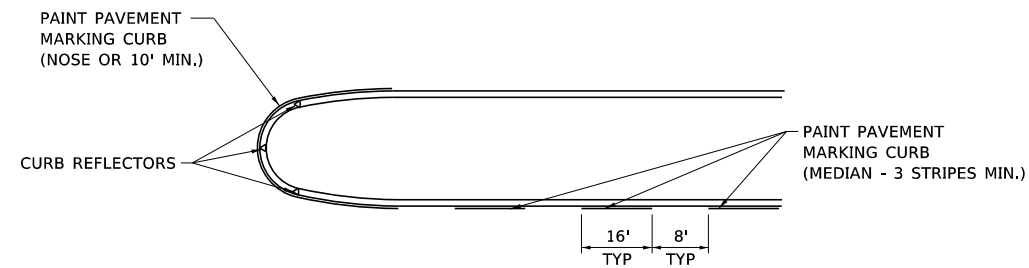
SCALE: 1"=20' SHEET 1 OF 1 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(120, 130)RS-2	ST. CLAIR	30	27
CONTRACT NO. 76K99				

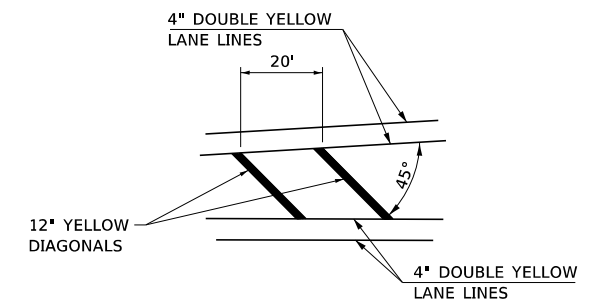
ILLINOIS FED. AID PROJECT



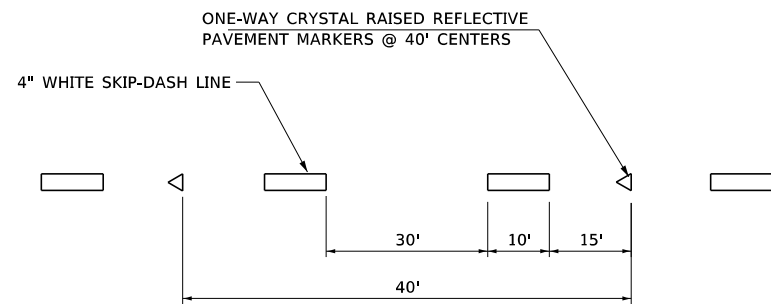
TYPICAL APPLICATION FOR YELLOW SKIP-DASH AND SOLID LANE LINE WITH RAISED REFLECTIVE PAVEMENT MARKERS



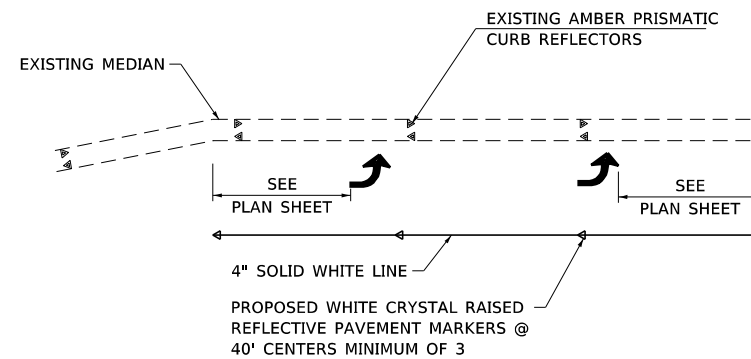
MEDIAN DETAIL



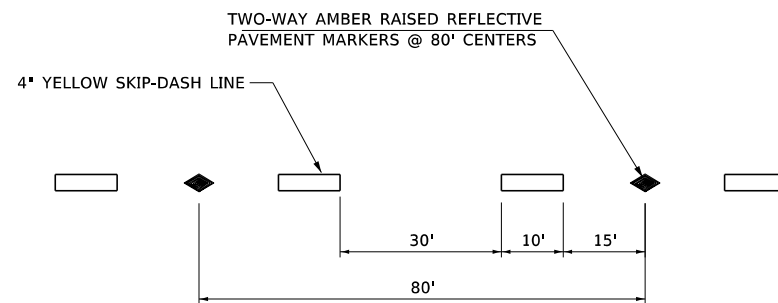
TYPICAL APPLICATION FOR MEDIAN STRIPING



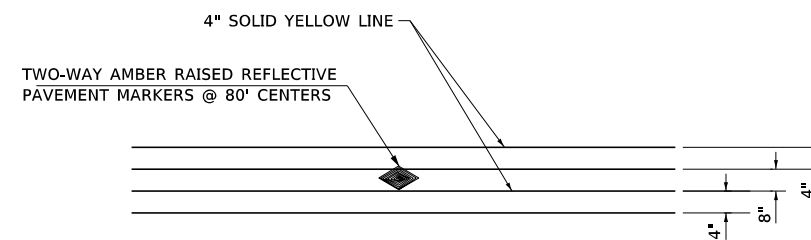
TYPICAL APPLICATION FOR WHITE SKIP-DASH LINES WITH RAISED REFLECTIVE PAVEMENT MARKERS



TYPICAL APPLICATION FOR LEFT TURN LANE



TYPICAL APPLICATION FOR YELLOW SKIP-DASH LINES WITH RAISED REFLECTIVE PAVEMENT MARKERS



TYPICAL APPLICATION FOR DOUBLE YELLOW LANE LINES WITH RAISED REFLECTIVE PAVEMENT MARKERS

FILE NAME: S:\Projects\416-2015-6HY MO #6 IL 157 3P IL 15 to Lake Drive\Design\CADD_Sheets\0876K99-shd-detail1.dgn



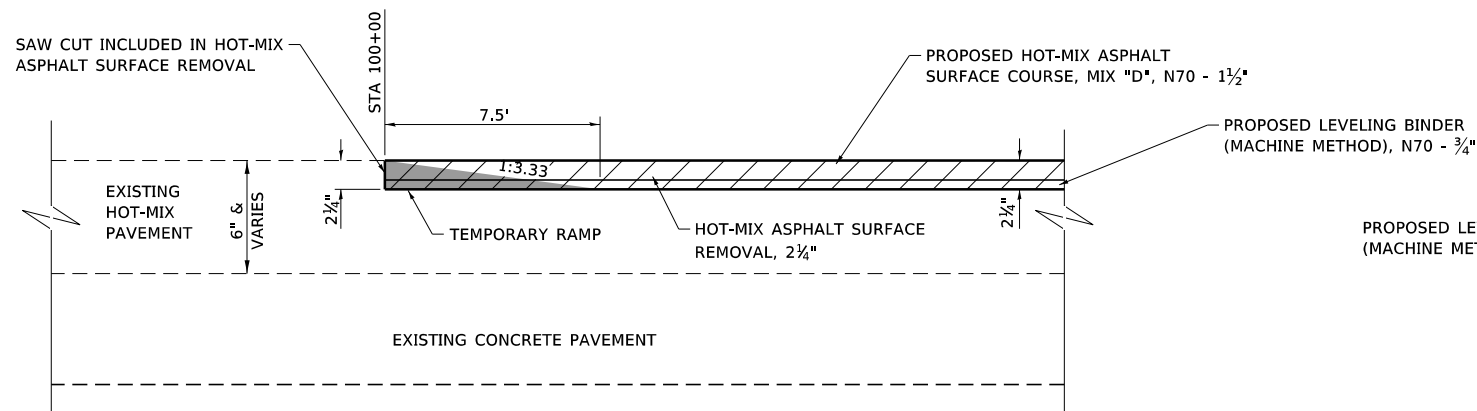
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MODEL NAME = DTL-11	DRAWN - PDB	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 12/11/2017	DATE - 11-10-2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP ROUTE 592 (IL ROUTE 157)
MISCELLANEOUS DETAILS**

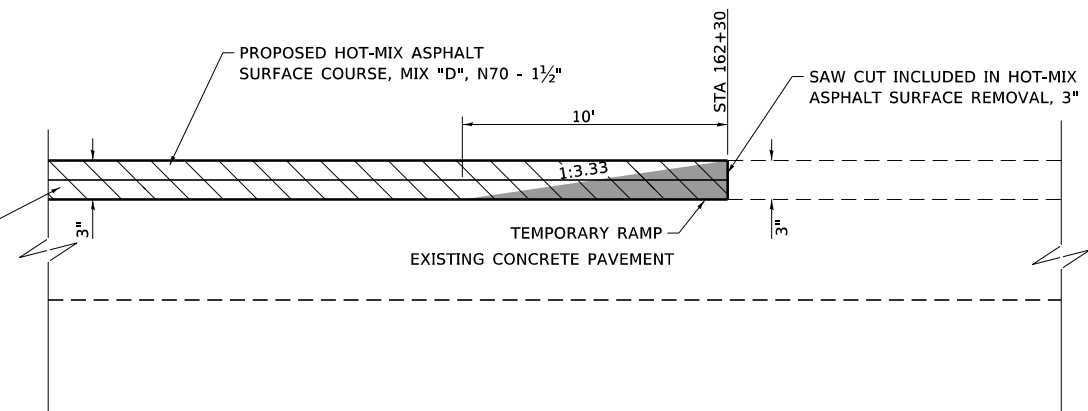
SCALE: NONE SHEET 1 OF 3 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(120, 130)RS-2	ST. CLAIR	30	28
CONTRACT NO. 76K99				
ILLINOIS FED. AID PROJECT				



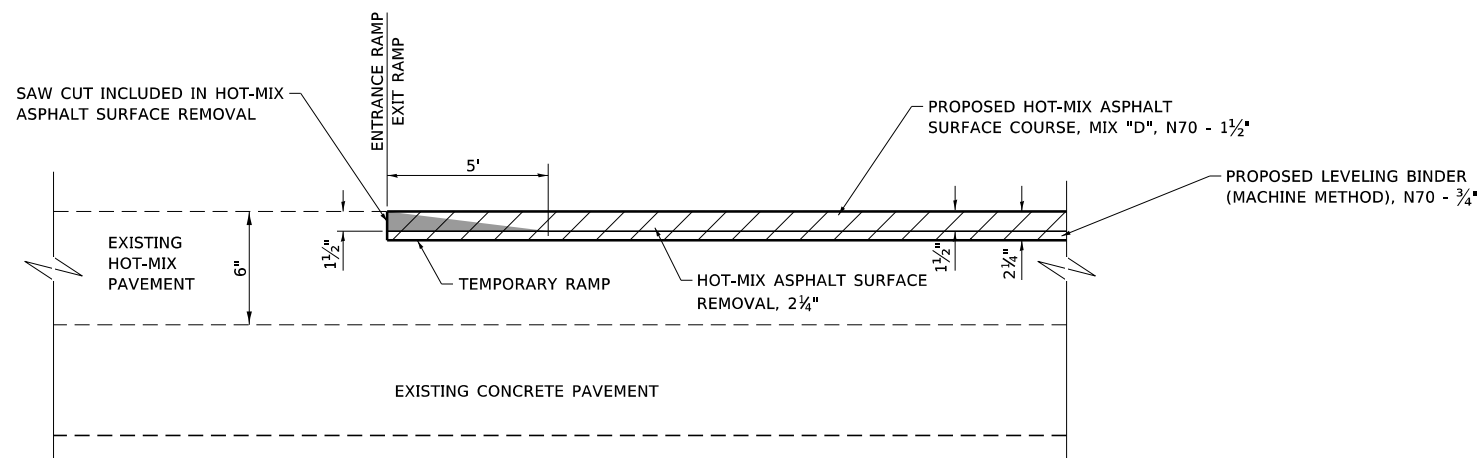
SURFACE TRANSITION DETAIL

NOT TO SCALE
STA 100+00



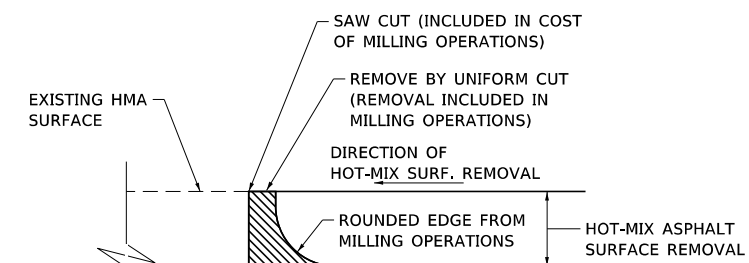
SURFACE TRANSITION DETAIL

NOT TO SCALE
STA 162+30



SURFACE TRANSITION DETAIL AT IL ROUTE 15 RAMPS

NOT TO SCALE



NOTE: WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL.

MILLING DETAIL

NOT TO SCALE

LEGEND

 HOT-MIX ASPHALT SURFACE REMOVAL

 TEMPORARY RAMP

FILE NAME: S:\Projects\416-0015-6HY MO #6 IL 157 3P IL 15 to Lake Drive\Design\CADD_Sheets\0876K99-sh-t-detail1.dgn



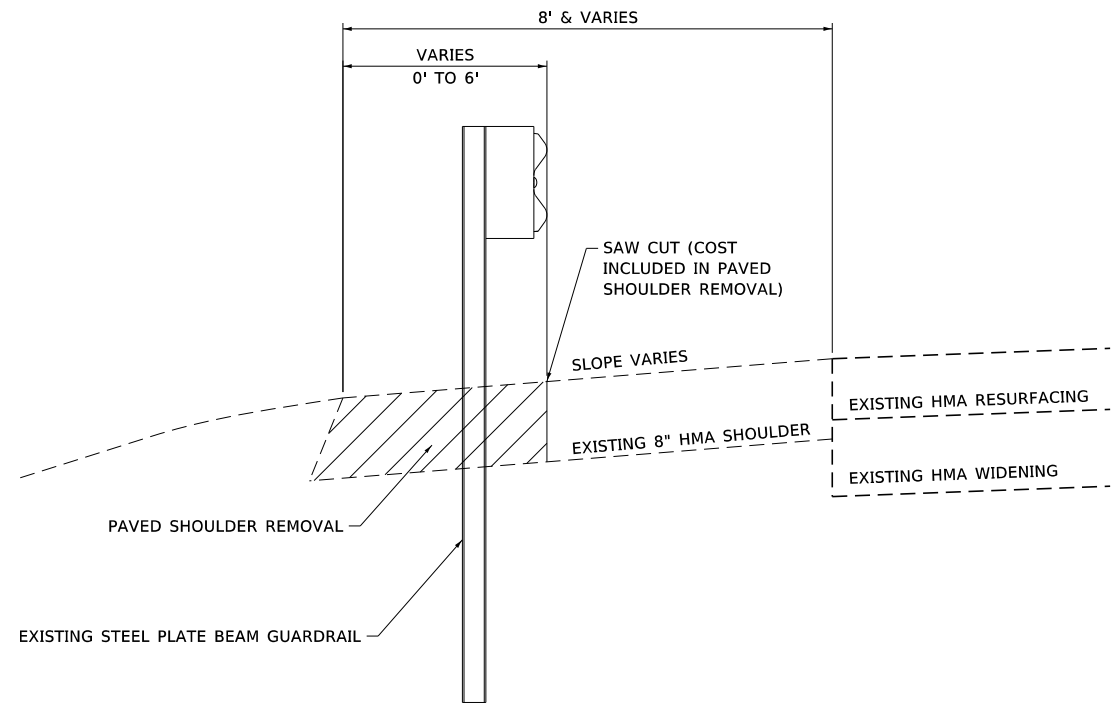
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MODEL NAME = DTL-12	DRAWN - PDB	REVISED -
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PLOT DATE = 12/11/2017	DATE - 11-10-2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

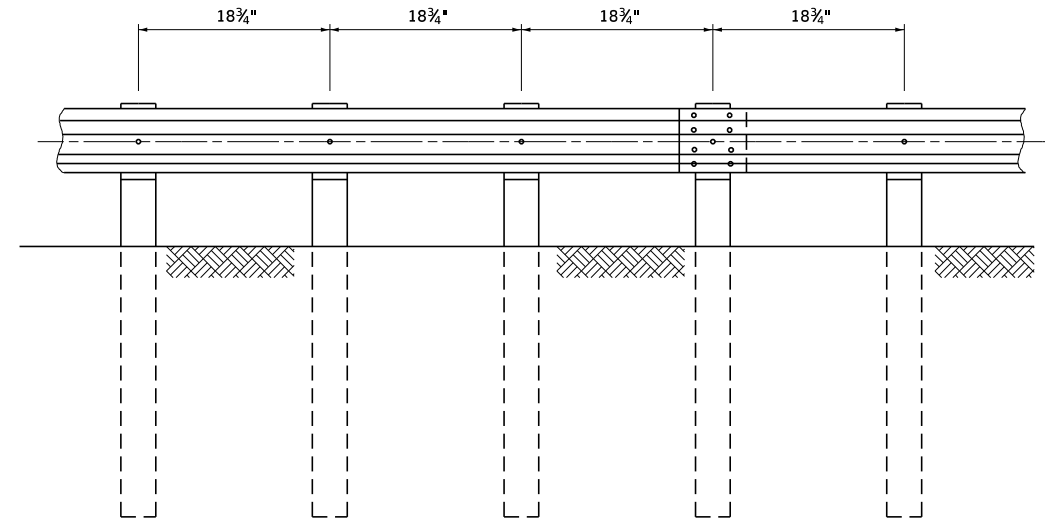
**FAP ROUTE 592 (IL ROUTE 157)
MISCELLANEOUS DETAILS**

SCALE: NONE SHEET 2 OF 3 SHEETS

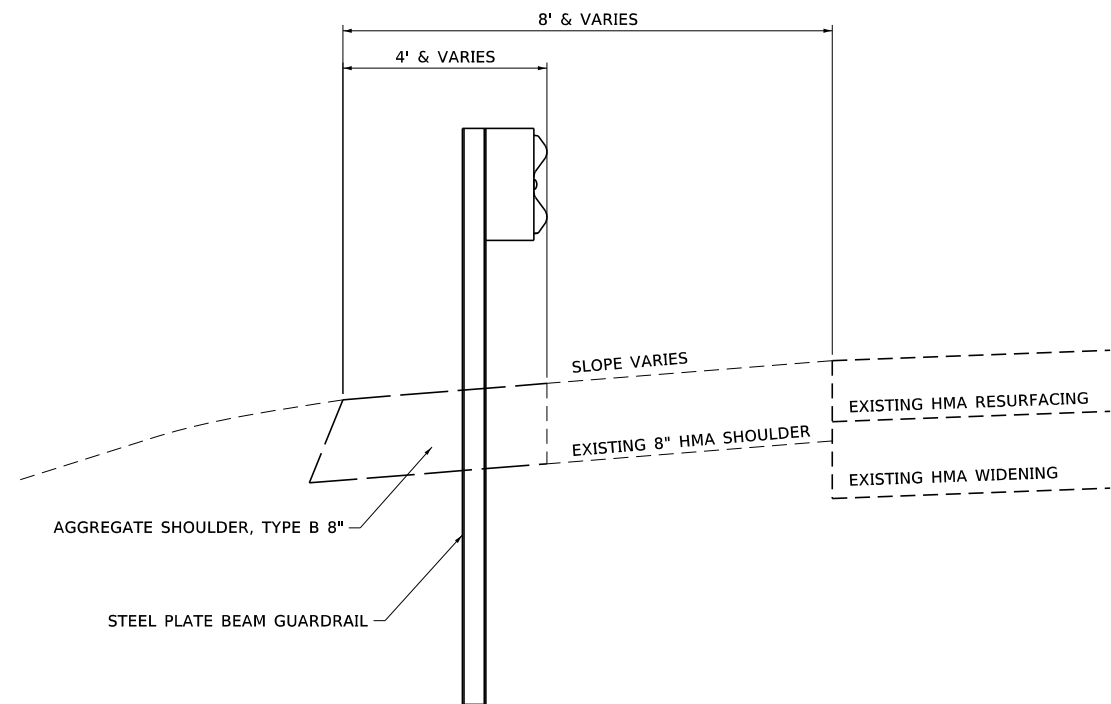
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(120, 130)RS-2	ST. CLAIR	30	29
CONTRACT NO. 76K99				
ILLINOIS FED. AID PROJECT				



PAVED SHOULDER REMOVAL DETAIL
GUARDRAIL SECTION - EXISTING



STEEL PLATE BEAM GUARDRAIL, 6 FOOT POSTS, SPECIAL
18 3/4" CLOSED POST SPACING



AGGREGATE SHOULDER DETAIL
GUARDRAIL SECTION - PROPOSED

FILE NAME: S:\Projects\416-0015-6HY MO #6 IL 157 3P IL 15 to Lake Drive\Design\CADD_Sheets\0876K99-shd-detail1.dgn



USER NAME = Jennifer	DESIGNED - ACM	REVISED -
MODEL NAME = DTL-13	DRAWN - PDB	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - ESW	REVISED -
PLOT DATE = 12/11/2017	DATE - 11-10-2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP ROUTE 592 (IL ROUTE 157)
MISCELLANEOUS DETAILS

SCALE: NONE SHEET 3 OF 3 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	(120, 130)RS-2	ST. CLAIR	30	30
CONTRACT NO. 76K99				
ILLINOIS FED. AID PROJECT				