

04-26-2019 LETTING ITEM 168

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	1
		ILLINOIS	CONTRACT NO. 61F64	

FOR INDEX OF SHEETS, SEE SHEET NO. 2  
FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

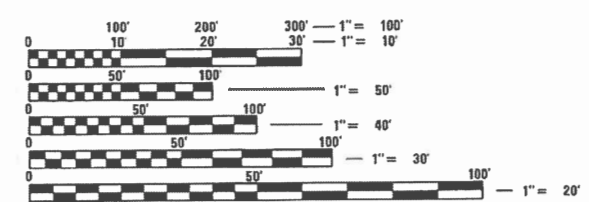
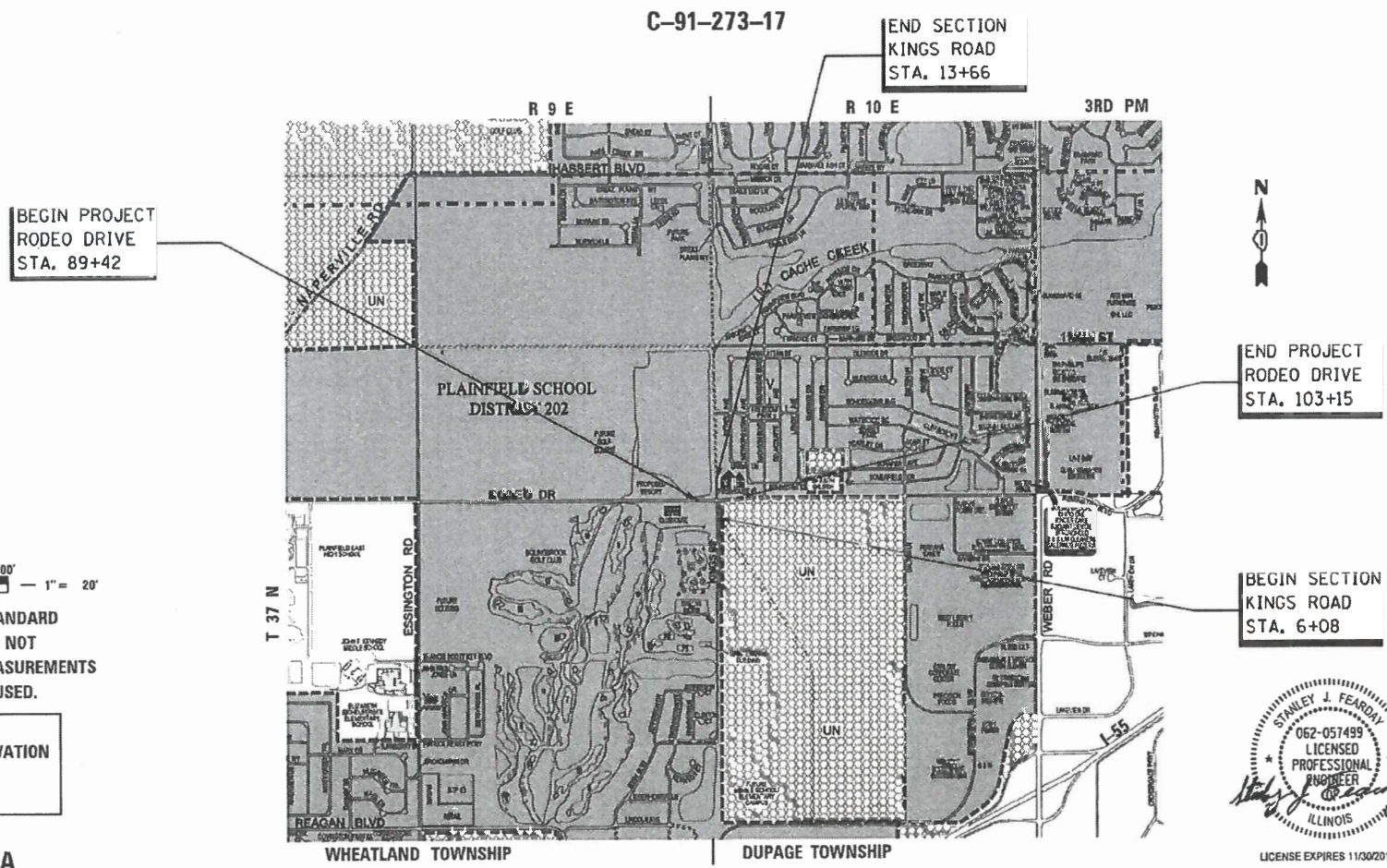
# PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU ROUTE 3767 (RODEO DRIVE)  
SECTION 14-00058-00-CH  
PROJECT 581H(400)  
INTERSECTION SAFETY IMPROVEMENT  
VILLAGE OF BOLINGBROOK  
WILL COUNTY

FUNCTIONAL CLASSIFICATION = MINOR ARTERIAL  
DESIGN SPEED = 45 MPH  
POSTED SPEED = 45 MPH  
DESIGN ADT = 8900 (2019), 13500 (2039)  
% TRUCKS = 2% (2039)



LOCATION OF SECTION INDICATED THUS: —



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  
DR 811

PROJECT ENGINEER: IVAN S. STRAKA  
PROJECT MANAGER: TOM M. PAWLOWICZ, PE

CONTRACT NO. 61F64

GROSS LENGTH = 1373 FT. = 0.260 MILE  
NET LENGTH = 1373 FT. = 0.260 MILE



LICENSE EXPIRES 11/30/2019  
STANLEY J. FEARDAY  
LICENSE EXPIRES 11-30-2019  
THE UPCHURCH GROUP, INC.  
MATTOON, ILLINOIS 61938

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

APPROVED 2-5-19  
*[Signature]*  
BOLINGBROOK, DIRECTOR OF PUBLIC WORKS

PASSED 2/6/19  
*[Signature]*  
DISTRICT ONE ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW FEBRUARY 6, 2019  
*[Signature]*  
REGIONAL ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, P.E., SCHUMBURG, IL.



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## ONEOK PIPELINE NOTES

THE PROPOSED SUBGRADE SHALL MAINTAIN A MINIMUM 3' UNDISTURBED COVER ABOVE THE EXISTING ONEOK PIPELINE. IF THE PROPOSED SUBGRADE EXTENDS TO A DEPTH THAT REDUCES THE COVER ABOVE THE ONEOK PIPELINE, APPROPRIATE PROTECTION MEASURES SHALL BE PROVIDED PER ONEOK PIPELINE REQUIREMENTS.

THE CONTRACTOR SHALL PROVIDE A COMPLETE LIST OF EQUIPMENT TO BE USED WITH LOADING INFORMATION TO ONEOK PIPELINE PRIOR TO START OF CONSTRUCTION.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
<b>PAVEMENT RESURFACING &amp; CORRECTION</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm), 4 1/2" (2 Lifts)	4% @ 70 Gyr.
<b>PAVEMENT RECONSTRUCTION &amp; WIDENING</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm), 2"	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 9 1/4"	4% @ 70 Gyr.
<b>TEMPORARY PAVEMENT</b>	
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (6" & 8")	4% @ 70 Gyr.
<b>TEMPORARY PAVEMENT, VARIABLE DEPTH</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	4% @ 70 Gyr.
<b>HOT-MIX ASPHALT SHOULDERS, 6"</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm), 2"	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 4"	4% @ 70 Gyr.

THE UNIT WEIGHT TO CALCULATE ALL HMA SURFACE AND BINDER MIXTURE QUANTITIES IS 112 LBS/SQ. YD./IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG64-22" UNLESS MODIFIED BY DISTRICT 1 SPECIAL PROVISIONS.

FOR HMA FULL DEPTH "AC TYPE" SEE SPECIAL PROVISIONS

FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS

LONGITUDINAL JOINT SEALANT FOR FULL DEPTH PAVEMENT SHALL BE PLACED UNDER THE TOP LIFT OF BINDER AND UNDER THE TOP SURFACE LIFT; FOR PAVEMENT RESURFACING SHALL BE PLACED UNDER THE TOP SURFACE LIFT.

## COMMITMENTS

- SPECIAL ATTENTION IS CALLED TO ARTICLE 107.20. THERE ARE VARIOUS PLANTS, TREES, FENCES, WETLANDS, ETC. ADJACENT TO THE PROJECT THAT MUST BE PROTECTED AT ALL TIMES.
- THE PROPOSED SUBGRADE SHALL MAINTAIN A MINIMUM OF 3 FOOT OF UNDISTURBED COVER ABOVE THE ONEOK PIPELINE.
- THE CONTRACTOR SHALL MAINTAIN APPROPRIATE INGRESS AND EGRESS TO THE VILLAGE OF BOLINGBROOK FIRE STATION ADJACENT TO THIS PROJECT

## IDOT HIGHWAY STANDARDS

000001-07	ABBREVIATIONS, SYMBOLS AND PATTERNS
001001-02	AREA OF REINFORCEMENT BARS
001006	DECIMAL EQUIVALENTS OF AN INCH AND FOOT
420701-03	PAVEMENT FABRIC
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424016-05	MID BLOCK CURB RAMPS
424031-02	MEDIAN PEDESTRIAN CROSSINGS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
601001-05	PIPE UNDERDRAINS
602001-02	CATCH BASIN, TYPE A
602401-06	MANHOLE TYPE A
602701-02	MANHOLE STEPS
604001-04	FRAME AND LID TYPE 1
604036-03	GRATE TYPE 8
604051-04	FRAME AND GRATE TYPE 11
604091-03	FRAME AND GRATE TYPE 24
606001-07	CONCRETE CURB AND GUTTER TYPE B AND COMBINATION CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
667101-02	PERMANENT SURVEY MARKER
701001-02	OFF-ROAD OPERATIONS, MORE THAN 15 FT. AWAY
701006-05	OFF-ROAD OPERATIONS, 15 FT. (4.5 M) TO 24 IN. (600 MM) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-06	LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720021-02	EXTRUDED ALUMINUM TYPE SIGN PANEL
728001-01	TELESCOPING STEEL SIGN SUPPORT
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
825026-04	LIGHTING CONTROLLER, BASE MOUNTED, 480V
836001-04	LIGHT POLE FOUNDATIONS
BLR 14-12	PCC PAVEMENT (NON-REINFORCED)

## GENERAL NOTES

AT LOCATIONS SPECIFIED BY THE ENGINEER THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXILE TRUCK.

AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT LOCATIONS WHERE SOILS ARE FOUND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ASI WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE STANDARD SPECIFICATIONS AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

PIPE UNDERDRAINS, TYPE 2 HAVE BEEN PROVIDED FOR USE AT LOCATIONS INDICATING SIGNS OF GROUND WATER SEEPAGE. THE ACTUAL NEED FOR PIPE UNDERDRAINS WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. THE PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE STANDARD SPECIFICATIONS AND STANDARD 601001-05. TOP OF THE PIPE UNDERDRAINS SHALL BE PLACED A MINIMUM 6 IN. BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER. THE COST OF MAKING PIPE UNDERDRAIN CONNECTIONS TO DRAINAGE STRUCTURES OR HEADWALLS SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAINS. HEADWALLS SHALL BE PAID FOR SEPARATELY. IF UNSTABLE OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR. IF PIPE UNDERDRAINS ARE NOT REQUIRED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

GEOTECHNICAL FABRIC FOR GROUND STABILIZATION HAS BEEN PROVIDED FOR USE AT LOCATIONS WHERE SOILS ARE FOUND TO BE UNSTABLE. THE ACTUAL NEED FOR THE FABRIC WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. GEOTECHNICAL FABRIC SHALL BE IN ACCORDANCE WITH SECTION 210 OF THE STANDARD SPECIFICATIONS. IF UNSTABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

## GENERAL NOTES

ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," ADOPTED APRIL 1, 2016 (HEREINAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS); THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS," ADOPTED JANUARY 1, 2019; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS"; THE "STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS", SIXTH EDITION; THE DETAILS IN THE PLANS; AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.

ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST STANDARD OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

THE CONTRACTOR SHALL AT ALL TIMES PROVIDE PROTECTION FOR TRAFFIC AS CALLED FOR IN THE APPLICATION OF TRAFFIC CONTROL DEVICES, THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE PLANS.

THE CONTRACTOR SHALL NOTIFY UTILITIES AT LEAST 10 DAYS PRIOR TO ANY CONSTRUCTION IN THE AREA AND SHALL COMPLY WITH ALL RESTRICTIONS FOR EQUIPMENT MOVEMENTS AND CLEARANCES IN REGARDS TO THEIR FACILITIES. SEE SPECIAL PROVISIONS FOR LIST OF UTILITIES.

DISTRIBUTORS: ALL DISTRIBUTORS FOR HOT-MIX ASPHALT PAVING OPERATIONS SHALL BE EQUIPPED WITH SHIELDS TO PREVENT DAMAGES TO MOTORIST'S VEHICLES AND TO ADJACENT HIGHWAY APPURTENANCES.

RIGHT-OF-WAY MARKERS DISTURBED BY THE CONTRACTOR'S OPERATION THAT ARE NOT SCHEDULED FOR REMOVAL SHOULD BE REESTABLISHED BY A REGISTERED LAND SURVEYOR.

THE SCALE SHOWN ON THE DRAWINGS APPLIES ONLY TO FULL SIZE PLANS AND NOT TO THE REDUCED SIZE PLANS.

ALL ELEVATIONS SHOWN ON THESE PLANS ARE ON NGVD29. BENCHMARKS FOR THE PROJECT ARE DESCRIBED IN THE PLANS.

POLLUTION CONTROL: THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER AND NOISE POLLUTION. THE CONTRACTOR WILL NOT BE ALLOWED TO BUILD FIRES ON THE SITE.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP AN OFFICE OR YARD ON THE COUNTY PROPERTY OR PUBLIC R.O.W. WITHOUT WRITTEN APPROVAL FROM THE ENGINEER.

VERIFICATIONS OF DIMENSIONS: IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.

IN THE EVENT OF SNOW, THE CONTRACTOR WILL BE RESPONSIBLE FOR THE IMMEDIATE REMOVAL OF ANY MAINTENANCE OF TRAFFIC PROTECTIVE DEVICES REQUIRED FOR THEIR OPERATIONS THAT WOULD INTERFERE WITH SNOW REMOVAL OPERATIONS PERFORMED BY THE APPROPRIATE AGENCY, THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR RESTORING THE MAINTENANCE OF TRAFFIC DEVICES AFTER THE COMPLETION OF SNOW REMOVAL OPERATION.

THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING HIS/HER CONSTRUCTION OPERATIONS WITH THE CONSTRUCTION AND MAINTENANCE OPERATIONS, INCLUDING UTILITY RELOCATIONS AND ADJUSTMENTS OF OTHER CONTRACTORS WORKING WITHIN THE LIMITS OF THE PROJECT AND ADJACENT TO THE PROJECT.

THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTIVE MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION, IN PARTICULAR, THE CONTRACTOR WILL TAKE ADEQUATE MEASURES TO PREVENT THE UNDERMINING OF UTILITIES AND SEWERS WHICH ARE STILL IN SERVICE.

THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION, DIRECTION AND MEANS/METHOD OF CONSTRUCTION.

ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECT BY THE ENGINEER AT CONTRACTOR EXPENSE.

BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07 (b,c) OF THE SSRBC WILL NOT BE ALLOWED.

MODEL: 44002ELN.MXD FILE: MainE\_Plan01Bolingbrook RoundaboutPhase\_2\CAD\_Sheets\BolingbrookRAB-11-19enote.dgn

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TUG PROJECT NO. 3115011-01	DRAWN - SAE	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 2/12/2019	DATE -	REVISED -

**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

<b>GENERAL NOTES</b>	
SCALE: 100.0000 ' / in. SHEET	OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	2
CONTRACT NO. 61F64			ILLINOIS / FED. AID PROJECT	

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	80% FEDERAL 20% LOCAL ROADWAY 0004	100% LOCAL ROADWAY 0031
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	76	76	
20200100	EARTH EXCAVATION	CU YD	5304	5304	
20400800	FURNISHED EXCAVATION	CU YD	1848	1848	
20800150	TRENCH BACKFILL	CU YD	243	243	
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1038	1038	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	6120	6120	
21101665	TOPSOIL FURNISH AND PLACE, 18"	SQ YD	1436	1436	
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	140	140	
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	140	140	
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	140	140	
* 25100115	MULCH, METHOD 2	ACRE	1.3	1.3	
* 25200110	SODDING, SALT TOLERANT	SQ YD	1436	1436	
* 25200200	SUPPLEMENTAL WATERING	UNIT	30	30	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	156	156	
28000400	PERIMETER EROSION BARRIER	FOOT	3067	3067	
28100107	STONE RIPRAP, CLASS A4	SQ YD	6	6	

\* SPECIALTY ITEMS

MODEL: 410001.MXD  
 FILE NAME: P:\CADD\Bolingbrook Roundabout\Phase 2\CAD\_Sheets\Bolingbrook\410001.dgn

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 PLOT SCALE = 2.0000 ' / in.  
 PLOT DATE = 2/12/2019

DESIGNED - S/JF  
 DRAWN - S/AE  
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 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**SUMMARY OF QUANTITIES**  
 SCALE: 2.0000 ' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	3
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F64	





CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	80% FEDERAL 20% LOCAL ROADWAY 0004	100% LOCAL ROADWAY 0031
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1833	1833	
44000600	SIDEWALK REMOVAL	SQ FT	1656	1656	
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	385	385	
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	124	124	
50105220	PIPE CULVERT REMOVAL	FOOT	53	53	
52200800	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	1065	1065	
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1	1	
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1	1	
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	493	493	
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	42	42	
550A0400	STORM SEWERS, CLASS A, TYPE 2 21"	FOOT	200	200	
55100500	STORM SEWER REMOVAL 12"	FOOT	44	44	
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	6	6	
60108204	PIPE UNDERDRAIN, TYPE 2, 4"	FOOT	700	700	
60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1	

\* SPECIALTY ITEMS

MODEL NUMBER: 14-0058-00-CH-500.dwg

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**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**SUMMARY OF QUANTITIES**

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CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	80% FEDERAL 20% LOCAL ROADWAY 0004	100% LOCAL ROADWAY 0031
60218500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	6	6	
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	5	5	
60255500	MANHOLES TO BE ADJUSTED	EACH	8	8	
60500050	REMOVING CATCH BASINS	EACH	1	1	
60500060	REMOVING INLETS	EACH	4	4	
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	1.7	1.7	
60600605	CONCRETE CURB, TYPE B	FOOT	264	264	
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	263	263	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	4135	4135	
60608582	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	346	346	
67100100	MOBILIZATION	LSUM	1	1	
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	15475	15475	
70300570	PAVEMENT MARKING TAPE, TYPE III 24"	FOOT	442	442	
* 72000100	SIGN PANEL - TYPE 1	SQ FT	497	497	

\* SPECIALTY ITEMS

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VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**SUMMARY OF QUANTITIES**

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3767	14-00058-00-CH	WILL	154	6
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F64	







CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	80% FEDERAL 20% LOCAL ROADWAY 0004	100% LOCAL ROADWAY 0031
X7240300	SIGN REMOVAL	EACH	17	17	
* X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	148	148	
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	7191	7191	
* X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	58	58	
* X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	868	868	
* X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	742	742	
* X8301042	MAST ARM, ALUMINUM, 12 FT.	EACH	1	1	
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1	
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	3080	3080	
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	240	240	
Z0056614	STORM SEWER (WATER MAIN REQUIREMENTS) 21 INCH	FOOT	24	24	
Z0062456	TEMPORARY PAVEMENT	SQ YD	3435	3435	
Z0062458	TEMPORARY PAVEMENT (VARIABLE DEPTH)	TON	18	18	

\* SPECIALTY ITEMS

MODEL: RODEO DRIVE ROUNDABOUT PHASE 2, CAD SHEETS, BOLINGBROOK, ILLINOIS, 2/12/2019

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USER NAME = Sta10	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3115011-01	DRAWN - SAE	REVISED -
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PLOT DATE = 2/12/2019	DATE -	REVISED -

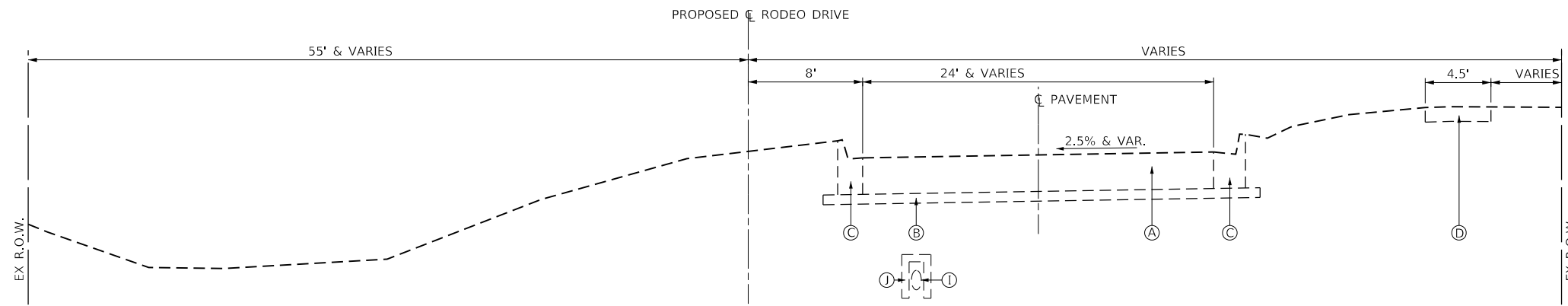
**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

SUMMARY OF QUANTITIES			
SCALE: 2.0000' / in.	SHEET	OF	SHEETS
STA.	TO	STA.	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F64	

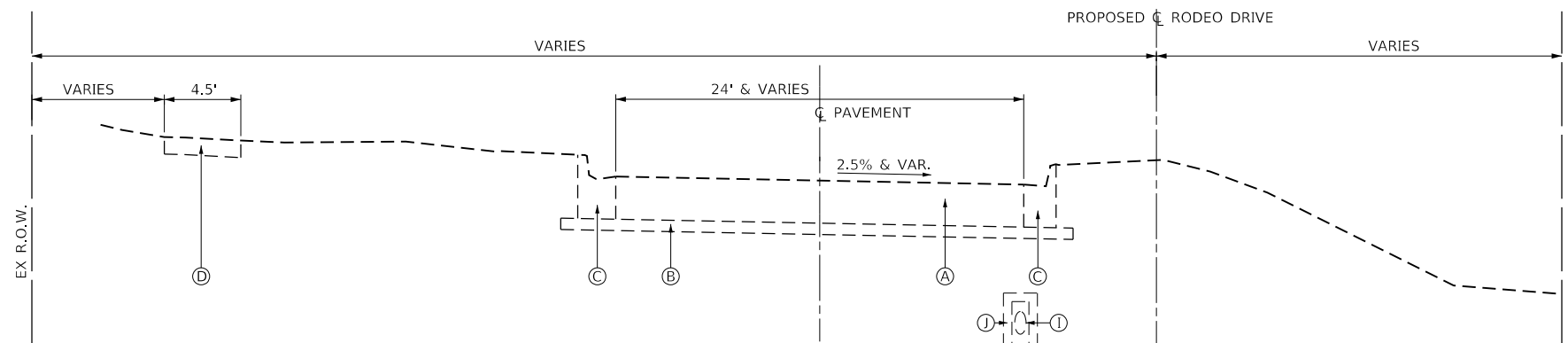






**EXISTING TYPICAL SECTION - RODEO DRIVE (WEST)**

STA. 89+42 TO STA. 98+17

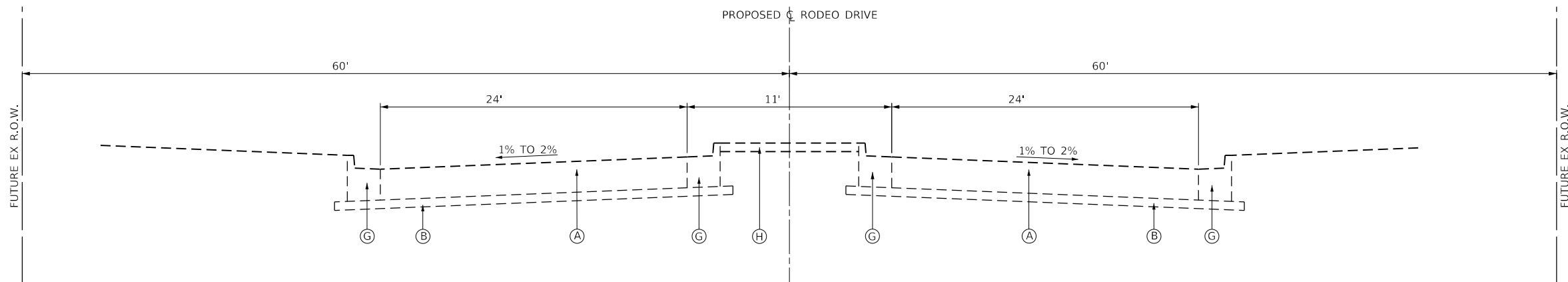


**EXISTING TYPICAL SECTION - RODEO DRIVE (EAST)**

STA. 98+17 TO STA. 103+15

**EXISTING**

- (A) HOT MIX ASPHALT PAVEMENT, 15"
- (B) SUBBASE GRANULAR MATERIAL, 4"
- (C) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.18
- (D) P.C.C. SIDEWALK, 5"
- (E) HOT MIX ASPHALT PAVEMENT, 3 1/4" AND VAR. WITH 12" AND VAR. AGGREGATE BASE
- (F) AGGREGATE SHOULDER
- (G) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (H) TOPSOIL, 4"
- (I) ONEOK, 8" PIPE LINE
- (J) CONCRETE ENCASEMENT STA. 96±18.70 TO STA. 98±27.00



**\*FUTURE TYPICAL SECTION - RODEO DRIVE (EAST)**

STA. STA. 100+35 TO STA. 103+15  
\*TO BE CONSTRUCTED BY OTHERS

**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**RODEO DRIVE  
EXISTING TYPICAL SECTIONS**

SCALE: 10,0000 ' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	11
CONTRACT NO. 61F64				

ILLINOIS FED. AID PROJECT

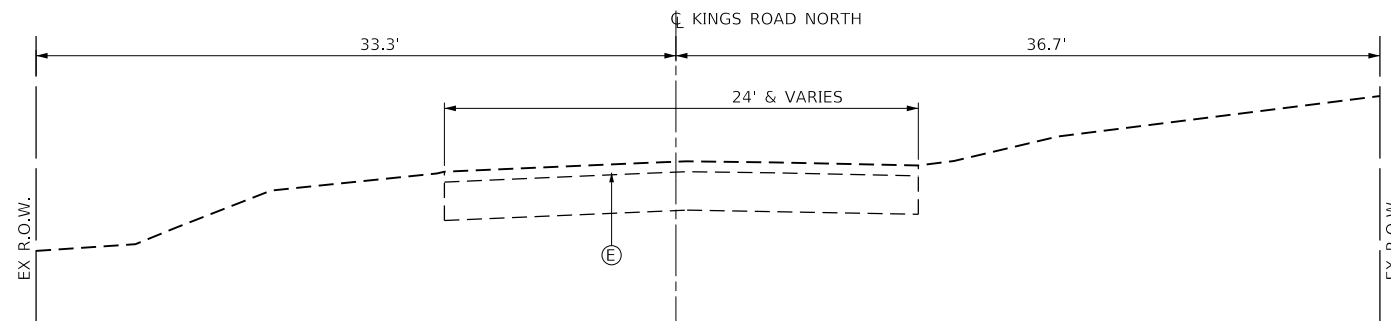
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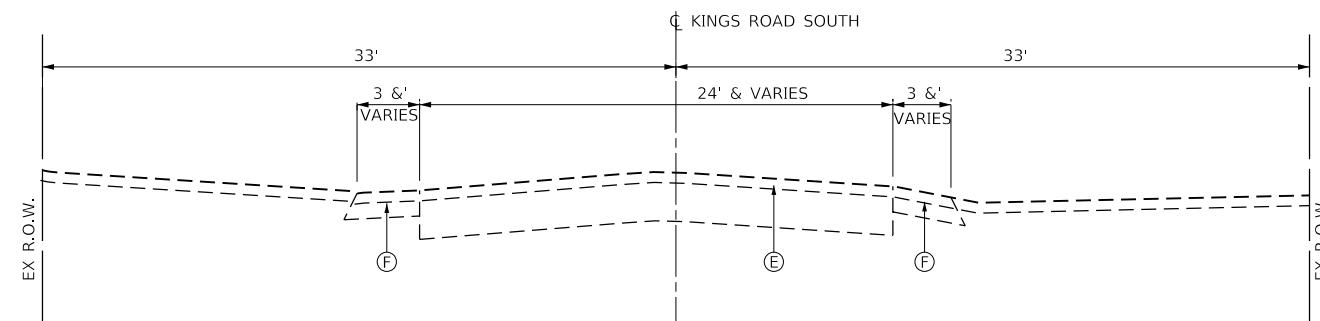
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DATE -

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**EXISTING TYPICAL SECTION – KINGS ROAD (NORTH)**

STA. 11+51 TO STA. 13+66



**EXISTING TYPICAL SECTION – KINGS ROAD (SOUTH)**

STA. 6+08 TO STA. 9+17

EXISTING

- (A) HOT MIX ASPHALT PAVEMENT, 15"
- (B) SUBBASE GRANULAR MATERIAL, 4"
- (C) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.18
- (D) P.C.C. SIDEWALK, 5"
- (E) HOT MIX ASPHALT PAVEMENT, 3 1/4" AND VAR. WITH 12" AND VAR. AGGREGATE BASE
- (F) AGGREGATE SHOULDER
- (G) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (H) TOPSOIL, 4"

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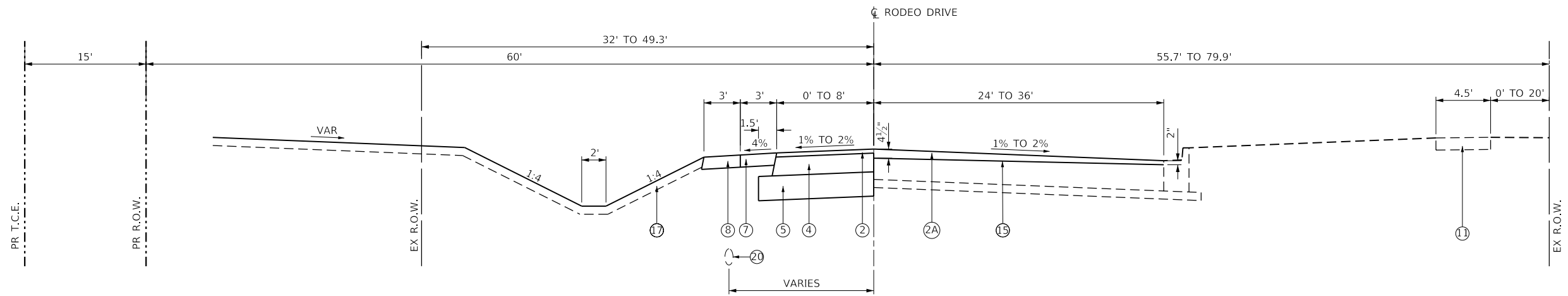
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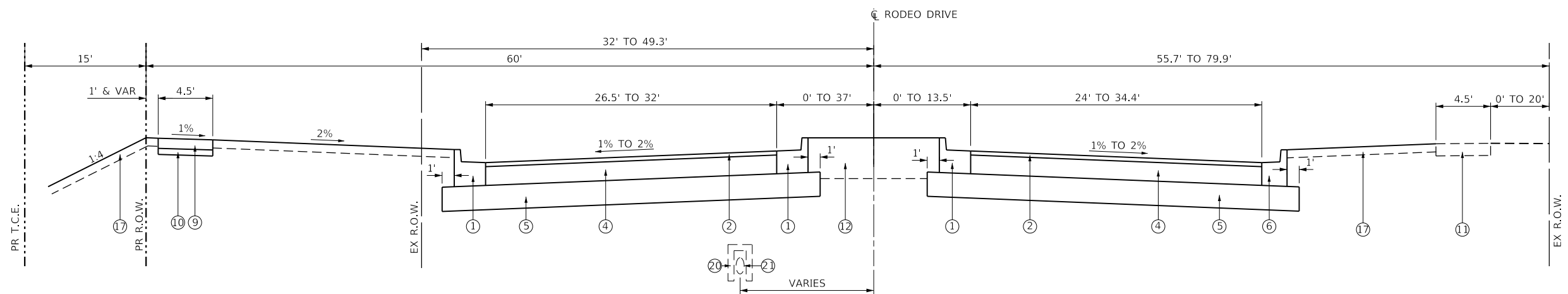
**RODEO DRIVE ROUNDABOUT AT KINGS ROAD**  
**VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**KINGS ROAD**  
**EXISTING TYPICAL SECTIONS**  
 SCALE: 10,0000 ' / in SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	12
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				



**PROPOSED TYPICAL SECTION – RODEO DRIVE (WEST)**  
STA. 89+42 TO 92+90.01



**PROPOSED TYPICAL SECTION – RODEO DRIVE (WEST)**  
STA. 92+90.01 TO 96+67

**PROPOSED**

- ① COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ② HOT MIX ASPHALT SURFACE MIX D, N70, 2"
- ②A HOT MIX ASPHALT SURFACE COURSE MIX D, N70, 4½" & VAR. (2 LIFTS)
- ③ NOT USED
- ④ HOT MIX BINDER COURSE 1L19.0, N70, 9¾"
- ⑤ AGGREGATE SUB-GRADE IMPROVEMENT, 12"
- ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑦ HOT MIX ASPHALT SHOULDER 6"
- ⑧ AGGREGATE SHOULDER, 6"
- ⑨ PCC SIDEWALK 5"
- ⑩ AGGREGATE BASE COURSE, TYPE B, 4"
- ⑪ EXISTING P.C.C. SIDEWALK
- ⑫ TOPSOIL, 18"
- ⑬ CONCRETE CURB, TYPE B,
- ⑭ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- ⑮ HMA SURFACE REMOVAL, 2"
- ⑯ TEMPORARY PAVEMENT
- ⑰ TOPSOIL, 4"
- ⑱ PCC PAVEMENT 8", SPECIAL
- ⑲ DECORATIVE FOUNTAIN
- ⑳ EXISTING ONEOK, 8" PIPELINE. (MIN. 3 FT. UNDISTURBED COVER)
- ㉑ EXISTING PCC CASING STA. 96±18.70 TO STA. 98±27.00

NOTE  
SEE GENERAL NOTES PLAN SHEET 2  
FOR HMA MIXTURE REQUIREMENTS CHART.

MODEL: 44092ELN.MXD  
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TUG PROJECT NO. 3115011-01  
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PLOT DATE = 2/27/2019

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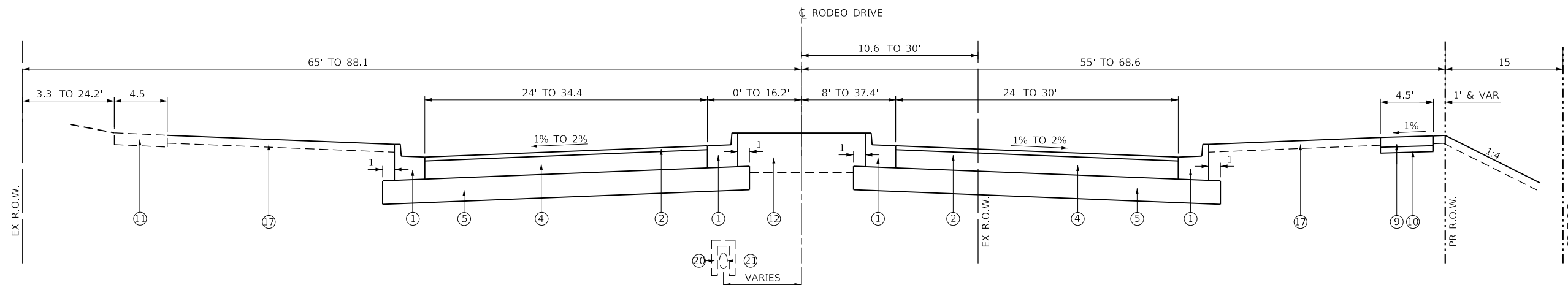
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**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**RODEO DRIVE  
PROPOSED TYPICAL SECTIONS**  
SCALE: 10,0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	13
CONTRACT NO. 61F64				
		ILLINOIS	FED. AID PROJECT	



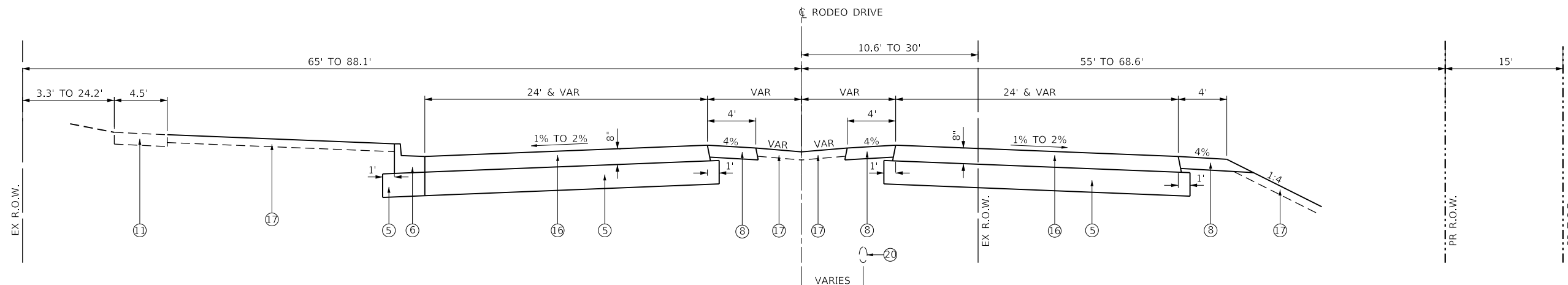


**PROPOSED TYPICAL SECTION – RODEO DRIVE (EAST)**

STA. 98+16.8 TO 100+35

**PROPOSED**

- ① COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ② HOT MIX ASPHALT SURFACE MIX D, N70, 2"
- ③ NOT USED
- ④ HOT MIX BINDER COURSE IL19.0, N70, 9¾"
- ⑤ AGGREGATE SUB-GRADE IMPROVEMENT, 12"
- ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑦ HOT MIX ASPHALT SHOULDER 6"
- ⑧ AGGREGATE SHOULDER, 6"
- ⑨ PCC SIDEWALK 5"
- ⑩ AGGREGATE BASE COURSE, TYPE B, 4"
- ⑪ EXISTING P.C.C. SIDEWALK
- ⑫ TOPSOIL, 18"
- ⑬ CONCRETE CURB, TYPE B,
- ⑭ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- ⑮ HMA SURFACE REMOVAL, 2"
- ⑯ TEMPORARY PAVEMENT
- ⑰ TOPSOIL, 4"
- ⑱ PCC PAVEMENT 8", SPECIAL
- ⑲ DECORATIVE FOUNTAIN
- ⑳ EXISTING ONEOK, 8" PIPELINE. (MIN. 3 FT. UNDISTURBED COVER)
- ㉑ EXISTING PCC CASING STA. 96±18.70 TO STA. 98±27.00



**PROPOSED TYPICAL SECTION – RODEO DRIVE (EAST)**

STA. 100+35 TO 103+15

NOTE  
SEE GENERAL NOTES PLAN SHEET 2  
FOR HMA MIXTURE REQUIREMENTS CHART.

MODEL: 44002ELN.MXD  
FILE: MainE\_Plan\_0101Bolingbrook\_RoundaboutPhase\_2\CAD\_Sheets\BolingbrookRAB-typical.dwg

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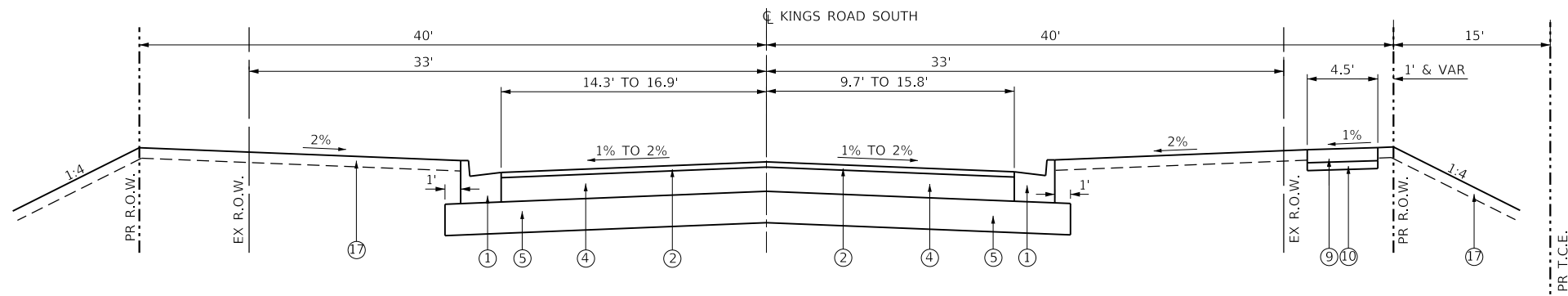
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**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

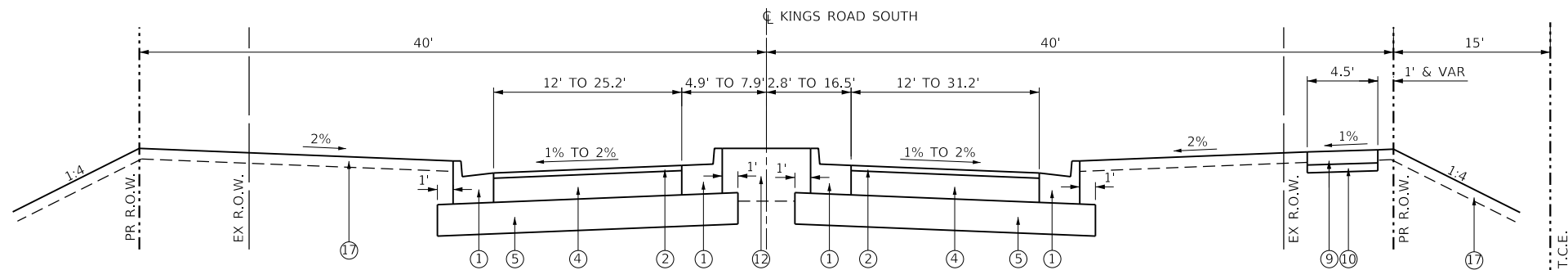
**RODEO DRIVE  
PROPOSED TYPICAL SECTIONS**  
SCALE: 10.0000 ' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	14
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				



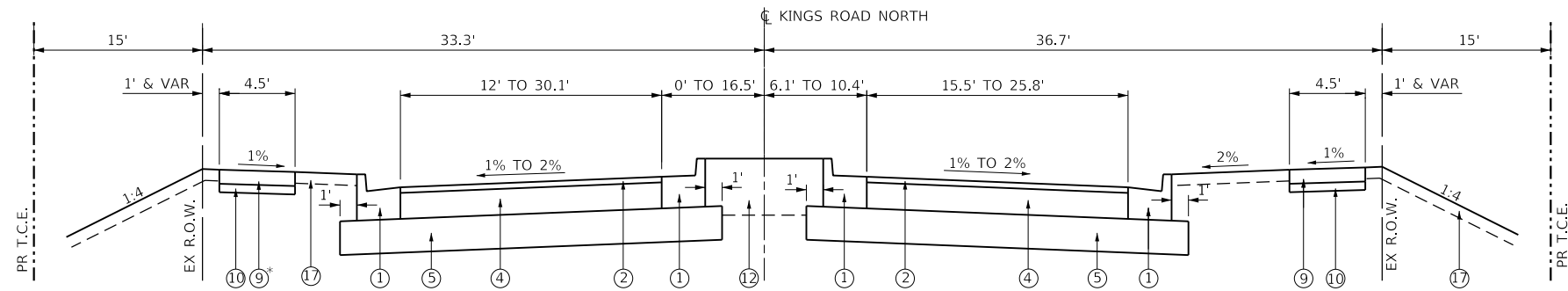
**PROPOSED TYPICAL SECTION – KINGS ROAD (SOUTH)**

STA. 6+08 TO 7+45, KINGS ROAD SOUTH



**PROPOSED TYPICAL SECTION – KINGS ROAD (SOUTH)**

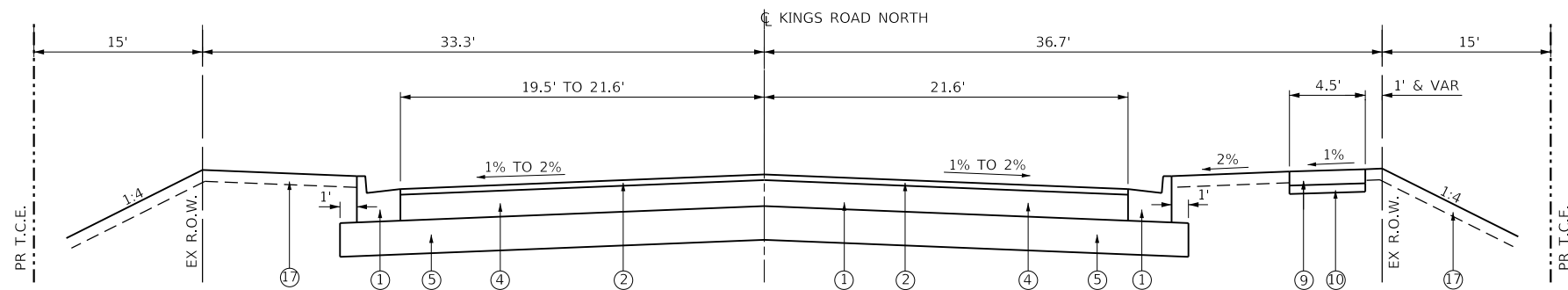
STA. 7+45 TO 9+17, KINGS ROAD SOUTH



**PROPOSED TYPICAL SECTION – KINGS ROAD (NORTH)**

STA. 11+51 TO 13+00, KINGS ROAD NORTH

\* PCC SIDEWALK  
STA. 11+51 TO STA. 11+99.84



**PROPOSED TYPICAL SECTION – KINGS ROAD (NORTH)**

STA. 13+00 TO 13+66, KINGS ROAD NORTH

**PROPOSED**

- ① COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ② HOT MIX ASPHALT SURFACE MIX D, N70, 2"
- ③ NOT USED
- ④ HOT MIX BINDER COURSE IL19.0, N70, 9/4"
- ⑤ AGGREGATE SUB-GRADE IMPROVEMENT, 12"
- ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑦ HOT MIX ASPHALT SHOULDER 6"
- ⑧ AGGREGATE SHOULDER, 6"
- ⑨ PCC SIDEWALK 5"
- ⑩ AGGREGATE BASE COURSE, TYPE B, 4"
- ⑪ EXISTING P.C.C. SIDEWALK
- ⑫ TOPSOIL, 18"
- ⑬ CONCRETE CURB, TYPE B,
- ⑭ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- ⑮ HMA SURFACE REMOVAL, 2"
- ⑯ TEMPORARY PAVEMENT
- ⑰ TOPSOIL, 4"
- ⑱ PCC PAVEMENT 8", SPECIAL
- ⑲ DECORATIVE FOUNTAIN

NOTE  
SEE GENERAL NOTES PLAN SHEET 2  
FOR HMA MIXTURE REQUIREMENTS CHART.

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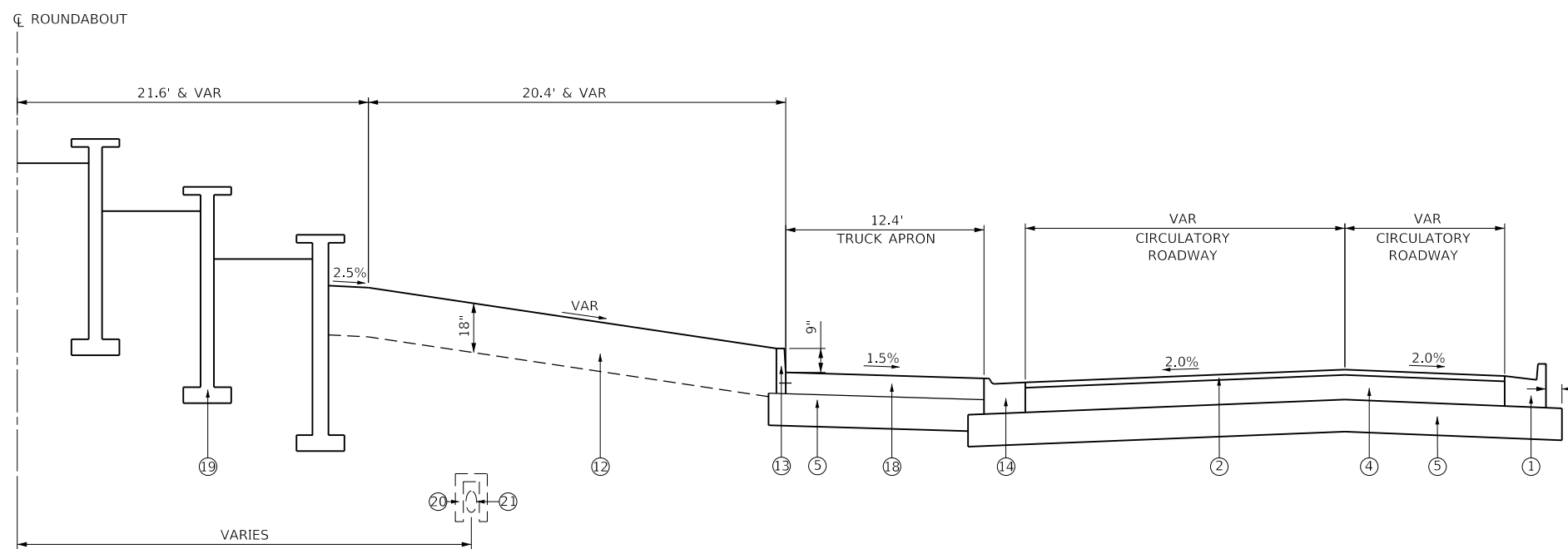
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**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**KINGS ROAD  
 PROPOSED TYPICAL SECTIONS**  
 SCALE: 10.0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	15
CONTRACT NO. 61F64				
		ILLINOIS	FED. AID PROJECT	



**PROPOSED TYPICAL SECTION – ROUNDABOUT**  
 STA. 96+67 TO 98+16.8, RODEO DRIVE

**PROPOSED**

- ① COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ② HOT MIX ASPHALT SURFACE MIX D, N70, 2"
- ③ NOT USED
- ④ HOT MIX BINDER COURSE IL19.0, N70, 9¼"
- ⑤ AGGREGATE SUB-GRADE IMPROVEMENT, 12"
- ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑦ HOT MIX ASPHALT SHOULDER 6"
- ⑧ AGGREGATE SHOULDER, 6"
- ⑨ PCC SIDEWALK 5"
- ⑩ AGGREGATE BASE COURSE, TYPE B, 4"
- ⑪ EXISTING P.C.C. SIDEWALK
- ⑫ TOPSOIL, 18"
- ⑬ CONCRETE CURB, TYPE B,
- ⑭ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- ⑮ HMA SURFACE REMOVAL, 2"
- ⑯ TEMPORARY PAVEMENT
- ⑰ TOPSOIL, 4"
- ⑱ PCC PAVEMENT 8", SPECIAL
- ⑲ DECORATIVE FOUNTAIN
- ⑳ EXISTING ONEOK, 8" PIPELINE. (MIN. 3 FT. UNDISTURBED COVER)
- ㉑ EXISTING PCC CASING STA. 96±18.70 TO STA. 98±27.00

NOTE  
 SEE GENERAL NOTES PLAN SHEET 2  
 FOR HMA MIXTURE REQUIREMENTS CHART.

MODEL: 44092ELN.MXD  
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PLOT SCALE = 10.0000' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 2/27/2019	DATE -	REVISED -

**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

<b>ROUNDABOUT PROPOSED TYPICAL SECTION</b>	
SCALE: 10.0000' / in.	SHEET OF SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	16
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				



CURB AND GUTTER REMOVAL SCHEDULE				
STATION	OFFSET	STATION	OFFSET	44000500
				COMBINATION CURB AND GUTTER REMOVAL
				FOOT
RODEO Dr.				
89+42.00	5.00' RT	95+00	6.44' RT	559
92+90.01	33.68' RT	95+00	33.74' RT	213
95+00	33.74' RT	96+19.35	6.04' RT	119
95+00	33.74' RT	96+31.49	33.63' RT	132
98+22.79	6.76' LT	100+35	6.57' LT	213
100+35	6.57' LT	103+15.24	6.50' LT	281
98+27.07	33.57' LT	100+35	33.62' LT	210
100+35	33.62' LT	101+39	33.63' LT	106
<b>TOTALS</b>				<b>1,833</b>

SIDEWALK REMOVAL SCHEDULE			
STATION	STATION	OFFSET	4400600
			SIDEWALK REMOVAL
			SQ FT
RODEO DR.			
94+15.51	95+42.21	RT	576
96+45.51	96+88.23	RT	200
98+30.16	99+18.99	LT	404
99+63.60	100+69.71	LT	476
<b>TOTALS</b>			<b>1,656</b>

DRAINAGE REMOVAL SCHEDULE					
STATION	OFFSET	55100500	60500050	60500060	50105220
		STORM SEWER REMOVAL 12"	REMOVING CATCH BASINS	REMOVING INLETS	PIPE CULVERT REMOVAL
		FOOT	EACH	EACH	FOOT
RODEO Dr.					
94+01	6.8' RT	9		1	
95+13	6.9' RT	13		1	
95+26	6.9' RT	10		1	
97+64	46.3' RT				53
98+77	7' LT	11	1		
100+43.63	6.8' LT	10		1	
<b>TOTALS</b>		<b>44</b>	<b>1</b>	<b>4</b>	<b>53</b>

TREE REMOVAL SCHEDULE		
		20100110
STATION	OFFSET	TREE REMOVAL (6 TO 15 UNITS DIAMETER)
		UNITS
96+21.0	67' LT	9
97+08.11	108' LT	8
99+94.00	90' LT	14
100+15.28	75' LT	12
100+19.54	87' LT	15
100+27.83	51' LT	6
101+76.40	1' RT	6
103+00.35	0' RT	6
<b>TOTAL</b>		<b>76</b>

PAVEMENT REMOVAL SCHEDULE			
LOCATION	AREA	44000100	44000200
		PAVEMENT REMOVAL	DRIVEWAY PAVEMENT REMOVAL
		SQ YD	SQ YD
STATION TO STATION		SQ FT	
RODEO DR.			
89+42	90+27.35	90.94	10
92+90.01	95+00	5091	566
95+00	100+35	13815	1535
100+35	101+39	2516	280
KINGS ROAD SOUTH			
6+08.00	10+88.28	9698	1078
KINGS ROAD NORTH			
10+67.88	13+66.00	7881	876
12+26.26	12+89.14	837	93
13+11.07	13+64.74	842	94
<b>TOTALS</b>		<b>4344</b>	<b>187</b>

STAGING TEMPORARY PAVEMENT SCHEDULE						
STAGE	STATION TO STATION	35101600	Z0062456	X4400110		
		AGGREGATE BASE COURSE, TYPE B 4"	TEMPORARY PAVEMENT	TEMPORARY PAVEMENT REMOVAL		
		SQ YD	SQ YD	SQ YD		
RODEO DR.						
STAGE 1	91+41.60	93+17.48	181	161	161	
	94+86.70	96+76.48	244	224	224	
	96+84.94	97+48.06	228	228	228	
	97+24.72	97+98.21	283	283	283	
	98+06.68	99+72.67	233	233	233	
	100+35.00	101+50.00	*	307		
	101+50.00	103+15.24	*	237		
	KINGS ROAD					
	3+71.97	5+50.00	806	735	735	
	5+50.00	8+96.69	216	196	196	
STAGE 2A	RODEO DR.					
	96+66.87	97+32.78	71	71	71	
	99+72.67	100+37.49	94	86	86	
STAGE 2B	RODEO DR.					
	96+98.48	97+98.69	330	330	330	
	98+46.51	99+49.43	76	64	64	
<b>TOTALS</b>			<b>2762</b>	<b>3435</b>	<b>2611</b>	

\* SEE AGGREGATE SUBGRADE IMPROVEMENT

EXCAVATION BALANCE SCHEDULE					
Stage	Road	20200100			20400800
		EARTH EXCAVATION (CUT)	EARTH EXCAVATION ADJUSTED SHRINKAGE 15% EARTH	EARTH EXCAVATION (FILL)	FURNISHED EXCAVATION WASTE (+) OR SHORTAGE (-)
		CU YD	CU YD	CU YD	CU YD
STAGE 1	RODEO DR.	1350	1148	1775	-627
	KINGS ROAD	299	254	179	75
STAGE 2A	RODEO DR.	618	525	7	518
	KINGS ROAD	721	613	11	602
STAGE 2B	RODEO DR.	735	625	6	619
	KINGS ROAD	541	460	193	267
STAGE 3	RODEO DR.	654	556	20	536
	KINGS ROAD	22	18	299	-281
STAGE 4	RODEO DR.	322	274	150	124
	KINGS ROAD	0	0	0	0
STAGE 5	RODEO DR.	41	35	21	14
	KINGS ROAD	0	0	0	0
<b>TOTALS</b>		<b>5304</b>	<b>4508</b>	<b>2661</b>	<b>1848</b>

SURFACE REMOVAL SCHEDULE		
STATION TO STATION	44000157	
	HMA SURFACE REMOVAL 2"	
	SQ YD	
RODEO DR.		
89+42.00	92+90.01	1196
<b>TOTALS</b>		<b>1196</b>

MODEL: 44000157.dwg  
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 PROJECT: 14-00058-00-CH  
 DRAWN: SAE  
 CHECKED: SJF  
 DATE: 2/12/2019

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USER NAME = Sta10  
 TUG PROJECT NO. 3115011-01  
 PLOT SCALE = 2.0000' / in.  
 PLOT DATE = 2/12/2019

DESIGNED - SJF  
 DRAWN - SAE  
 CHECKED - SJF  
 DATE -

REVISED -  
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 REVISED -  
 REVISED -

**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**SCHEDULE OF QUANTITIES**  
 SCALE: 2.0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	17
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKINGS								
STATION	STATION	OFFSET	78000200	78000400	78000600	78000650	78000100	
			THERMOPLASTIC PAVEMENT MARKING - LINE 4"	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	
			X7830070	X7830074	X7830078	X7830090	X780060	
			GROOVING FOR RECESSED PAVEMENT MARKING - LINE 5"	GROOVING FOR RECESSED PAVEMENT MARKING - LINE 7"	GROOVING FOR RECESSED PAVEMENT MARKING - LINE 13"	GROOVING FOR RECESSED PAVEMENT MARKING - LINE 25"	GROOVING FOR PAVEMENT MARKING - LETTERS AND SYMBOLS	
			FOOT	FOOT	FOOT	FOOT	SQ FT	
RODEO DRIVE								
89+42.00	93+17.48	LT	394					
93+17.48	97+62.35	LT	519	11	283	70	41	
89+42.00	94+58.20	RT	1391					
93+70.72	96+76.48	LT/RT	582					
89+42.00	96+84.50	RT	801	16	284	98	21	
96+84.20	97+99.20	LT/RT	361					
97+27.77	99+05.61	RT	108	14		126	50	
98+06.68	100+35	LT/RT	515					
98+00.38	101+39.00	LT	398	16	132	98	21	
100+35	102+40	LT/RT	412					
KINGS ROAD								
6+08.03	7+45.39	LT/RT	550					
7+45.39	9+19.15	LT/RT	273					
8+44.15	9+32.49	LT/RT	151		94	182		
11+34.99	12+24.90	LT/RT	155		73	168		
11+48.67	13+00	LT/RT	232					
12+60.16	13+66.00	LT/RT	350					
<b>TOTALS</b>			<b>7191</b>	<b>58</b>	<b>868</b>	<b>742</b>	<b>133</b>	<b>148</b>

TEMPORARY PAVEMENT MARKINGS					
STAGE	STATION	STATION	OFFSET	70300520	70300570
				PAVEMENT MARKING TAPE, TYPE III 4"	PAVEMENT MARKING TAPE, TYPE III 24"
				FOOT	FOOT
RODEO DRIVE					
STAGE 1	84+42.00	97+52.48	RT/LT	1976	24
	97+12.00	103+00	RT/LT	1126	24
	KINGS ROAD				
	3+00	9+53.50	RT	888	
RODEO DRIVE					
STAGE 2A	96+31.22	97+38.53	RT	175	12
	97+52.56	103+05	LT/RT	2014	24
	KINGS ROAD				
	3+79	9+40.37	RT	1522	12
RODEO DRIVE					
STAGE 2B	96+18	98+02	RT	183	
	99+94	100+06	LT		12
	101+50	103+15	LT/RT	166	
STAGE 3	89+42	97+61	LT/RT	3117	24
	97+06.01	104+04.67	LT/RT	2502	24
STAGE 4	91+93	96+79.48	LT/RT	1042	29
	93+17.48	95+20.25	LT	203	169
	96+81.70	98+01.70	LT/RT	377	57
	98+08.70	99+77	LT	186	31
<b>TOTALS</b>				<b>15475</b>	<b>442</b>

MODEL: 44001ELN.MXD  
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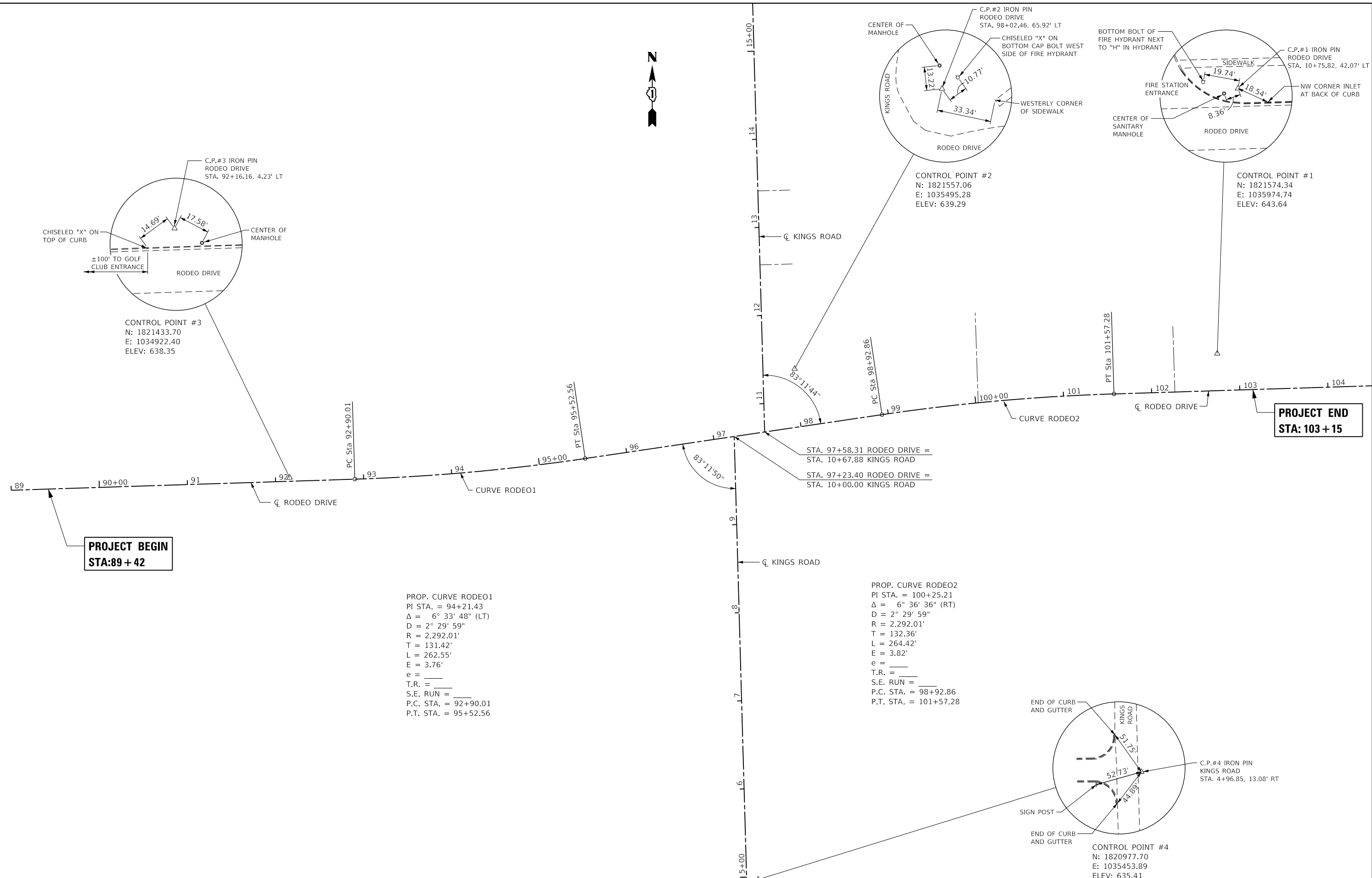
**The Upchurch Group**  
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USER NAME = Sta10	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3115011-01	DRAWN - SAE	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 2/12/2019	DATE -	REVISED -

**RODEO DRIVE ROUNDABOUT AT KINGS ROAD**  
**VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

SCHEDULE OF QUANTITIES			
SCALE: 2.0000 ' / in.	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	19
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				



MODEL: 440921.DWG  
 FILE: Main.dwg  
 PLOT: Bolingbrook RoundaboutPhase 2\CAD\_Sheets\BolingbrookRAB-11-A1B1.dwg

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USER NAME = Sta10	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3115011-01	DRAWN - SAE	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 2/12/2019	DATE -	REVISED -

**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

ALIGNMENT, TIES, AND BENCH MARKS	
SCALE: 100.0000' / in.	SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 3767	SECTION 14-00058-00-CH	COUNTY WILL	TOTAL SHEETS 154	SHEET NO. 20
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				

PROP. CURVE SBNL-1  
 PI STA. = 500+32.95  
 $\Delta = 36^\circ 28' 08''$  (LT)  
 $D = 57^\circ 17' 45''$   
 $R = 100.00'$   
 $T = 32.95'$   
 $L = 63.65'$   
 $E = 5.29'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. RUN = \text{---}$   
 $P.C. STA. = 500+00.00$   
 $P.T. STA. = 500+63.65$

PROP. CURVE SBNL-2  
 PI STA. = 501+04.32  
 $\Delta = 5^\circ 31' 29''$  (RT)  
 $D = 9^\circ 20' 48''$   
 $R = 613.00'$   
 $T = 29.58'$   
 $L = 59.11'$   
 $E = 0.71'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. RUN = \text{---}$   
 $P.C. STA. = 500+74.74$   
 $P.T. STA. = 501+33.85$

PROP. CURVE WBWLIN-1  
 PI STA. = 199+90.40  
 $\Delta = 5^\circ 06' 42''$  (LT)  
 $D = 2^\circ 51' 53''$   
 $R = 2,000.00'$   
 $T = 89.27'$   
 $L = 178.43'$   
 $E = 1.99'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. RUN = \text{---}$   
 $P.C. STA. = 199+01.13$   
 $P.T. STA. = 200+79.55$

PROP. CURVE WBWLIN-2  
 PI STA. = 201+67.81  
 $\Delta = 5^\circ 03' 13''$  (LT)  
 $D = 2^\circ 51' 53''$   
 $R = 2,000.00'$   
 $T = 88.26'$   
 $L = 176.40'$   
 $E = 1.95'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. RUN = \text{---}$   
 $P.C. STA. = 200+79.55$   
 $P.T. STA. = 202+55.96$

PROP. CURVE WBWLIN-3  
 PI STA. = 203+22.46  
 $\Delta = 12^\circ 39' 02''$  (LT)  
 $D = 9^\circ 32' 57''$   
 $R = 600.00'$   
 $T = 66.51'$   
 $L = 132.48'$   
 $E = 3.67'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. RUN = \text{---}$   
 $P.C. STA. = 202+55.96$   
 $P.T. STA. = 203+88.43$

PROP. CURVE NBNL-1  
 PI STA. = 300+29.61  
 $\Delta = 8^\circ 27' 58''$  (RT)  
 $D = 14^\circ 19' 26''$   
 $R = 400.00'$   
 $T = 29.61'$   
 $L = 59.11'$   
 $E = 1.09'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. RUN = \text{---}$   
 $P.C. STA. = 300+00.00$   
 $P.T. STA. = 300+59.11$

PROP. CURVE WBEL-1  
 PI STA. = 600+47.60  
 $\Delta = 55^\circ 44' 53''$  (LT)  
 $D = 63^\circ 39' 43''$   
 $R = 90.00'$   
 $T = 47.60'$   
 $L = 87.57'$   
 $E = 11.81'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. RUN = \text{---}$   
 $P.C. STA. = 600+00.00$   
 $P.T. STA. = 600+87.57$

PROP. CURVE WBEL-2  
 PI STA. = 601+60.19  
 $\Delta = 25^\circ 11' 33''$  (RT)  
 $D = 17^\circ 37' 46''$   
 $R = 325.00'$   
 $T = 72.62'$   
 $L = 142.90'$   
 $E = 8.02'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. RUN = \text{---}$   
 $P.C. STA. = 600+87.57$   
 $P.T. STA. = 602+30.47$

PROP. CURVE EBWLIN-1  
 PI STA. = 402+31.85  
 $\Delta = 22^\circ 37' 12''$  (LT)  
 $D = 17^\circ 37' 46''$   
 $R = 325.00'$   
 $T = 65.00'$   
 $L = 128.31'$   
 $E = 6.44'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. RUN = \text{---}$   
 $P.C. STA. = 401+66.85$   
 $P.T. STA. = 402+95.16$

PROP. CURVE EBWLIN-2  
 PI STA. = 403+42.76  
 $\Delta = 55^\circ 44' 53''$  (RT)  
 $D = 63^\circ 39' 43''$   
 $R = 90.00'$   
 $T = 47.60'$   
 $L = 87.57'$   
 $E = 11.81'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. RUN = \text{---}$   
 $P.C. STA. = 402+95.16$   
 $P.T. STA. = 403+82.72$

PROP. CURVE SBSL-1  
 PI STA. = 902+89.01  
 $\Delta = 6^\circ 22' 28''$  (LT)  
 $D = 14^\circ 19' 26''$   
 $R = 400.00'$   
 $T = 22.27'$   
 $L = 44.50'$   
 $E = 0.62'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. RUN = \text{---}$   
 $P.C. STA. = 902+66.74$   
 $P.T. STA. = 903+11.24$

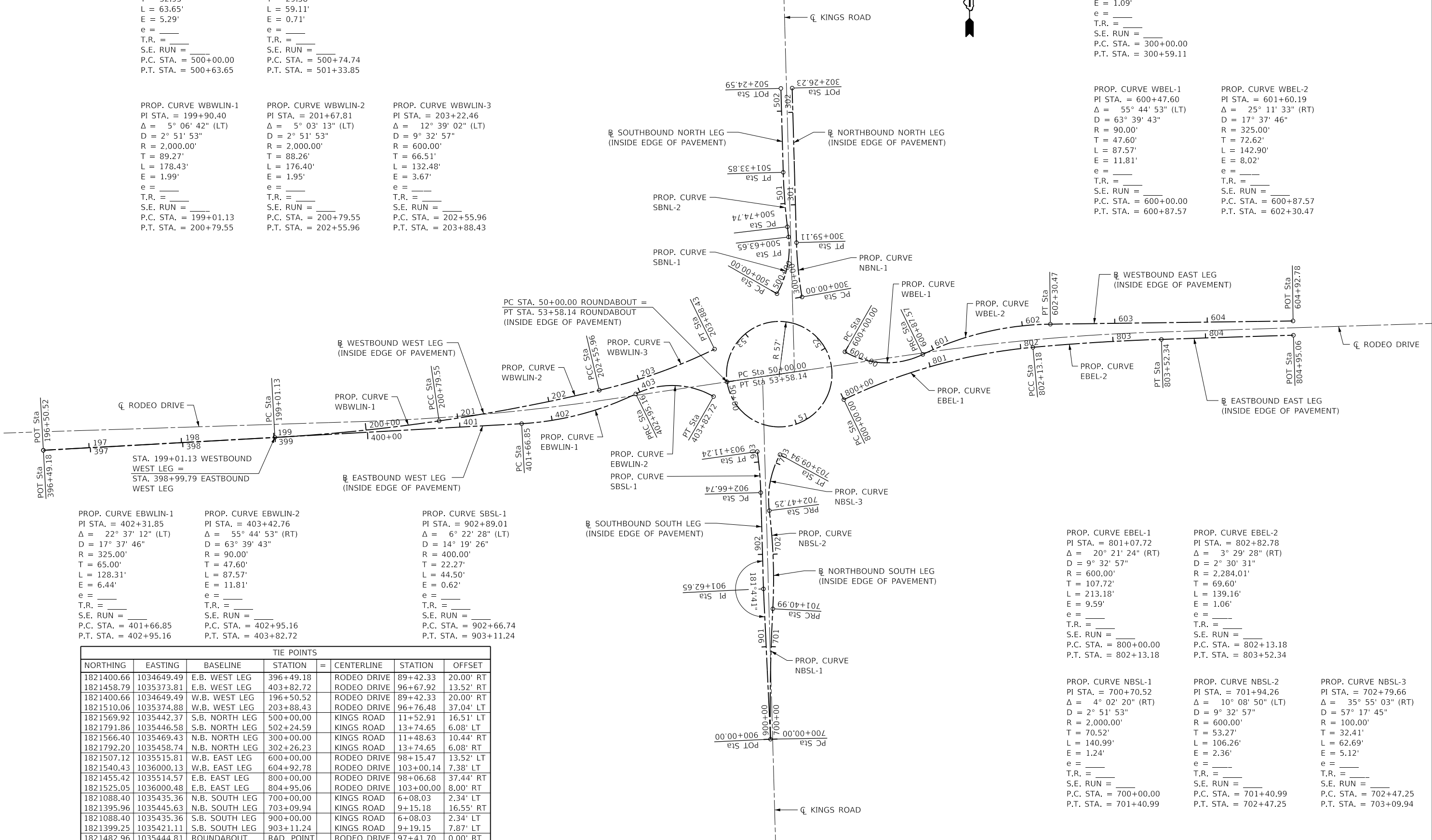
PROP. CURVE EBEL-1  
 PI STA. = 801+07.72  
 $\Delta = 20^\circ 21' 24''$  (RT)  
 $D = 9^\circ 32' 57''$   
 $R = 600.00'$   
 $T = 107.72'$   
 $L = 213.18'$   
 $E = 9.59'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. RUN = \text{---}$   
 $P.C. STA. = 800+00.00$   
 $P.T. STA. = 802+13.18$

PROP. CURVE EBEL-2  
 PI STA. = 802+82.78  
 $\Delta = 3^\circ 29' 28''$  (RT)  
 $D = 2^\circ 30' 31''$   
 $R = 2,284.01'$   
 $T = 69.60'$   
 $L = 139.16'$   
 $E = 1.06'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. RUN = \text{---}$   
 $P.C. STA. = 802+13.18$   
 $P.T. STA. = 803+52.34$

PROP. CURVE NBSL-1  
 PI STA. = 700+70.52  
 $\Delta = 4^\circ 02' 20''$  (RT)  
 $D = 2^\circ 51' 53''$   
 $R = 2,000.00'$   
 $T = 70.52'$   
 $L = 140.99'$   
 $E = 1.24'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. RUN = \text{---}$   
 $P.C. STA. = 700+00.00$   
 $P.T. STA. = 701+40.99$

PROP. CURVE NBSL-2  
 PI STA. = 701+94.26  
 $\Delta = 10^\circ 08' 50''$  (LT)  
 $D = 9^\circ 32' 57''$   
 $R = 600.00'$   
 $T = 53.27'$   
 $L = 106.26'$   
 $E = 2.36'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. RUN = \text{---}$   
 $P.C. STA. = 701+40.99$   
 $P.T. STA. = 702+47.25$

PROP. CURVE NBSL-3  
 PI STA. = 702+79.66  
 $\Delta = 35^\circ 55' 03''$  (RT)  
 $D = 57^\circ 17' 45''$   
 $R = 100.00'$   
 $T = 32.41'$   
 $L = 62.69'$   
 $E = 5.12'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. RUN = \text{---}$   
 $P.C. STA. = 702+47.25$   
 $P.T. STA. = 703+09.94$



TIE POINTS							
NORTHING	EASTING	BASELINE	STATION	=	CENTERLINE	STATION	OFFSET
1821400.66	1034649.49	E.B. WEST LEG	396+49.18		RODEO DRIVE	89+42.33	20.00' RT
1821458.79	1035373.81	E.B. WEST LEG	403+82.72		RODEO DRIVE	96+67.92	13.52' RT
1821400.66	1034649.49	W.B. WEST LEG	196+50.52		RODEO DRIVE	89+42.33	20.00' RT
1821510.06	1035374.88	W.B. WEST LEG	203+88.43		RODEO DRIVE	96+76.48	37.04' LT
1821569.92	1035442.37	S.B. NORTH LEG	500+00.00		KINGS ROAD	11+52.91	16.51' LT
1821791.86	1035446.58	S.B. NORTH LEG	502+24.59		KINGS ROAD	13+74.65	6.08' LT
1821566.40	1035469.43	N.B. NORTH LEG	300+00.00		KINGS ROAD	11+48.63	10.44' RT
1821792.20	1035458.74	N.B. NORTH LEG	302+26.23		KINGS ROAD	13+74.65	6.08' RT
1821507.12	1035515.81	W.B. EAST LEG	600+00.00		RODEO DRIVE	98+15.47	13.52' LT
1821540.43	1036000.13	W.B. EAST LEG	604+92.78		RODEO DRIVE	103+00.14	7.38' LT
1821455.42	1035514.57	E.B. EAST LEG	800+00.00		RODEO DRIVE	98+06.68	37.44' RT
1821525.05	1036000.48	E.B. EAST LEG	804+95.06		RODEO DRIVE	103+00.00	8.00' RT
1821088.40	1035435.36	N.B. SOUTH LEG	700+00.00		KINGS ROAD	6+08.03	2.34' LT
1821395.96	1035445.63	N.B. SOUTH LEG	703+09.94		KINGS ROAD	9+15.18	16.55' RT
1821088.40	1035435.36	S.B. SOUTH LEG	900+00.00		KINGS ROAD	6+08.03	2.34' LT
1821399.25	1035421.11	S.B. SOUTH LEG	903+11.24		KINGS ROAD	9+19.15	7.87' LT
1821482.96	1035444.81	ROUNDAABOUT	RAD. POINT		RODEO DRIVE	97+41.70	0.00' RT

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USER NAME = Sta10  
 TUG PROJECT NO. 3115011-01  
 PLOT SCALE = 100.0000' / in.  
 PLOT DATE = 2/12/2019

DESIGNED - SJF  
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REVISED -  
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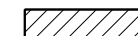


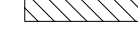


**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

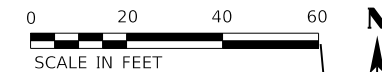
**ALIGNMENT, TIES, AND BENCH MARKS**  
 SCALE: 100.0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	21
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				

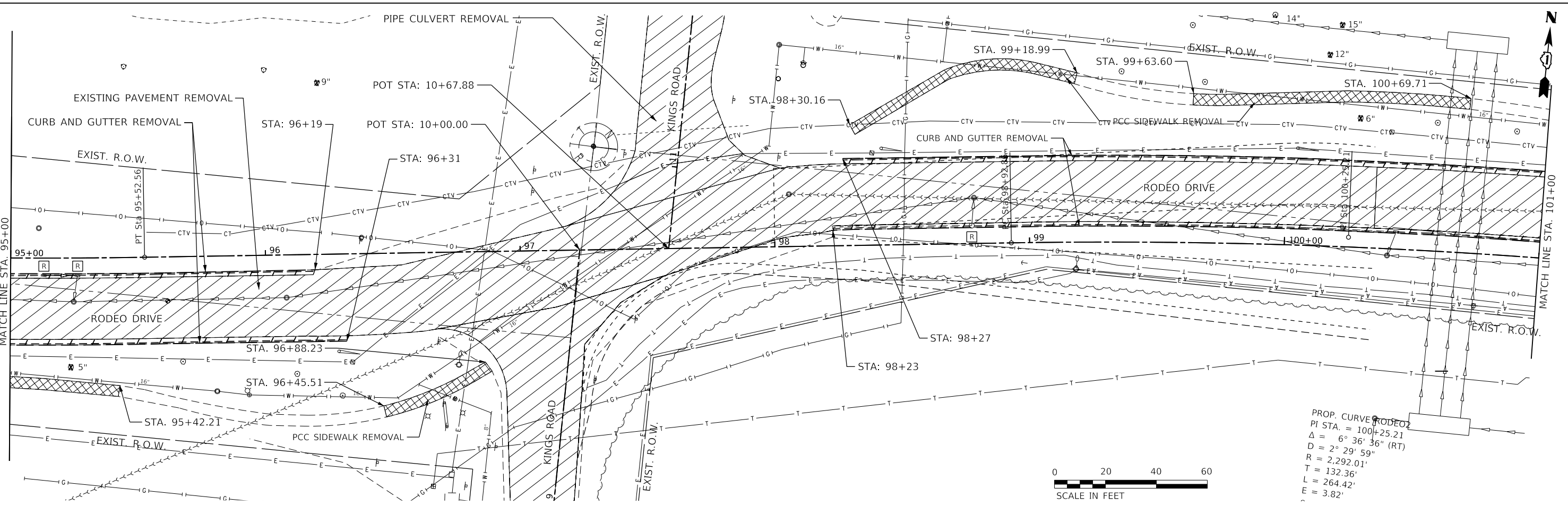
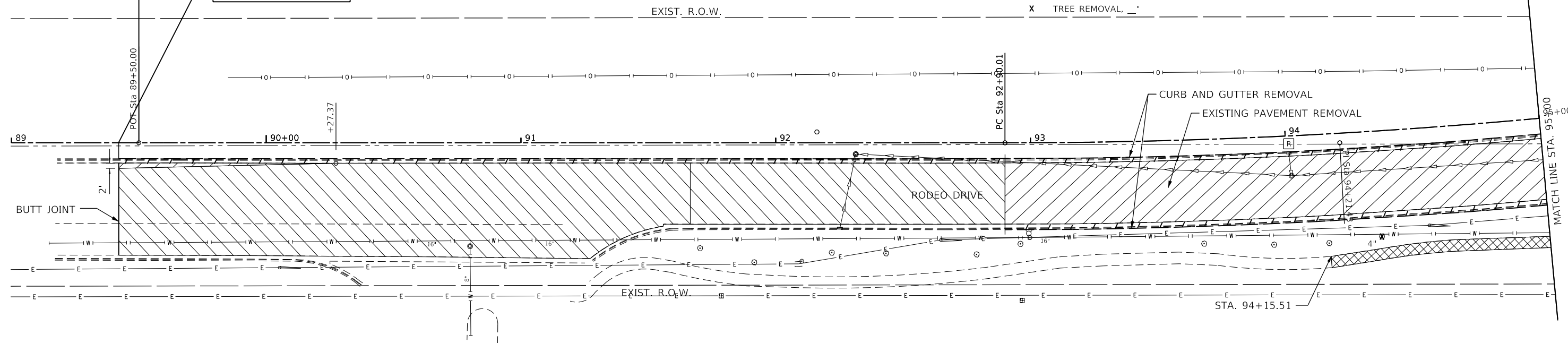


**LEGEND**

-  EXISTING PAVEMENT REMOVAL
-  PCC SIDEWALK REMOVAL
-  HMA SURFACE REMOVAL 2"
-  CURB AND GUTTER REMOVAL
-  STRUCTURE TO BE REMOVED
-  TREE REMOVAL, "



**PROJECT BEGINS  
STA. 89+42.00**



MODEL: 440021.DWG; FILE: Main; P:\Cadd\Bolingbrook Roundabout\Phase 2\CAD\_Sheets\BolingbrookRAB-Removal1.dwg

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USER NAME = Sta10  
TUG PROJECT NO. 3115011-01  
PLOT SCALE = 40.0000' / in.  
PLOT DATE = 2/12/2019

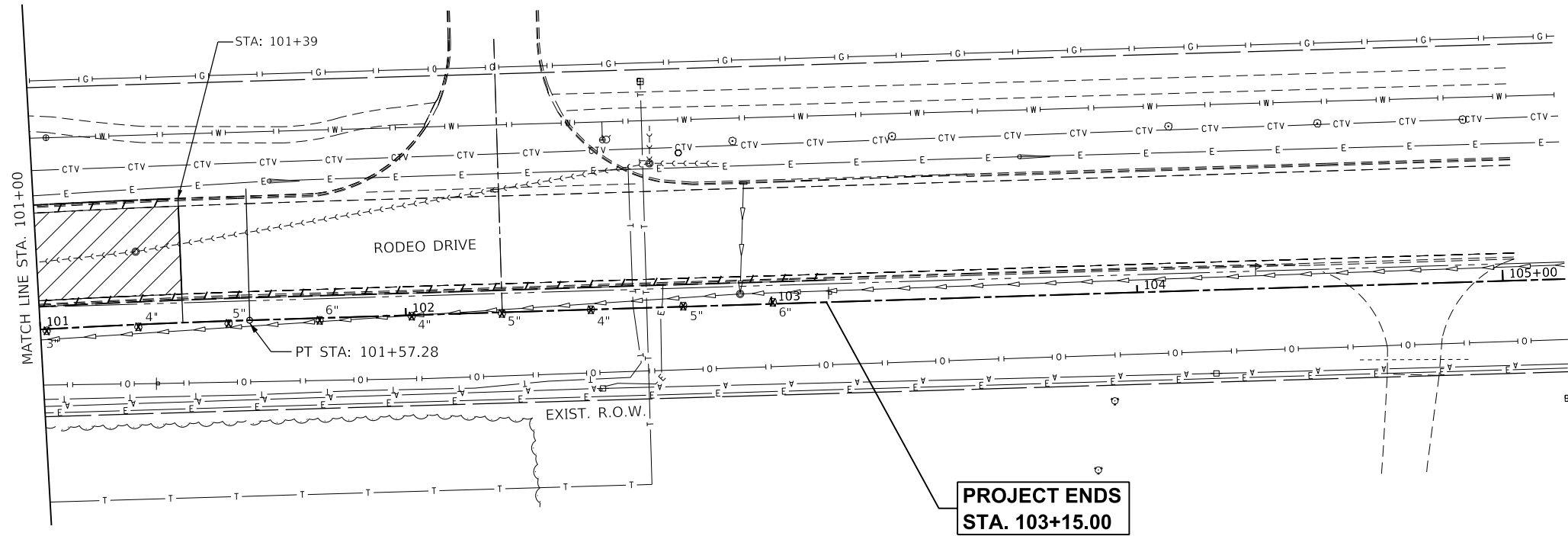
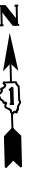
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DATE -

REVISED -  
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REVISED -  
REVISED -

**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**RODEO DRIVE  
REMOVAL PLAN**  
SCALE: 40.0000' / in SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	22
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				



MODEL: 4400161.MXD  
 FILE: M:\14-00058-00-CH\Bolingbrook Roundabout\Phase 2\CAD\_Sheets\BolingbrookRAB-ht-removal2.dgn

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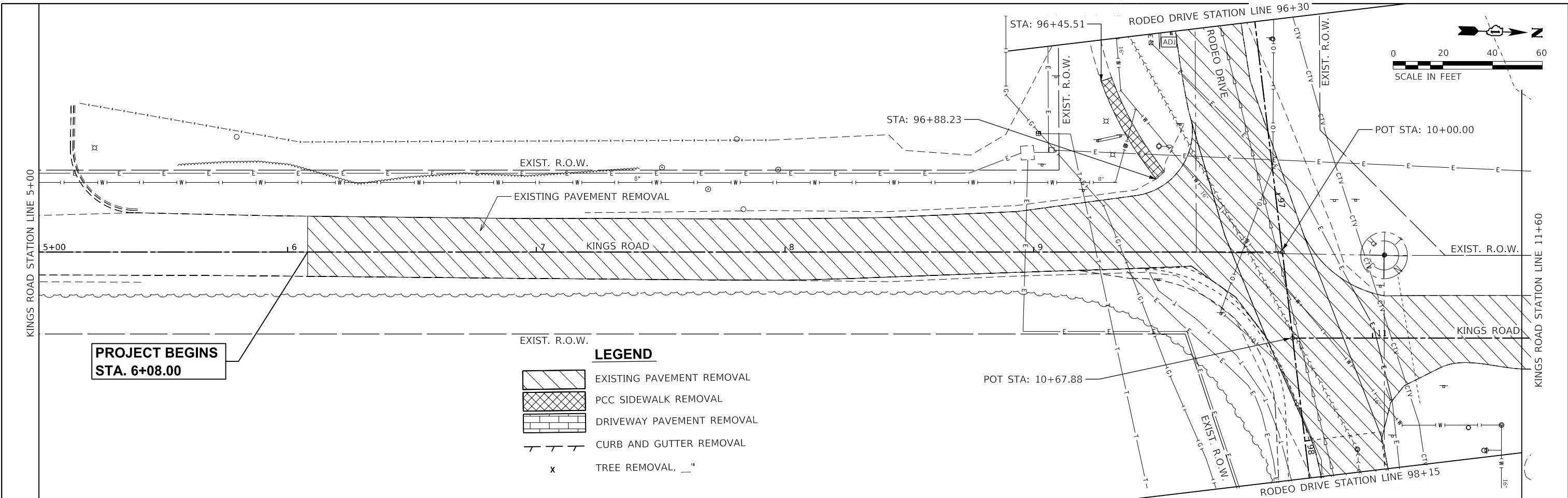
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PLOT SCALE = 40.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 2/12/2019	DATE -	REVISED -

**RODEO DRIVE ROUNDABOUT AT KINGS ROAD**  
**VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

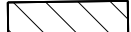

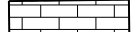
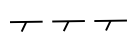

**RODEO DRIVE**  
**REMOVAL PLAN**

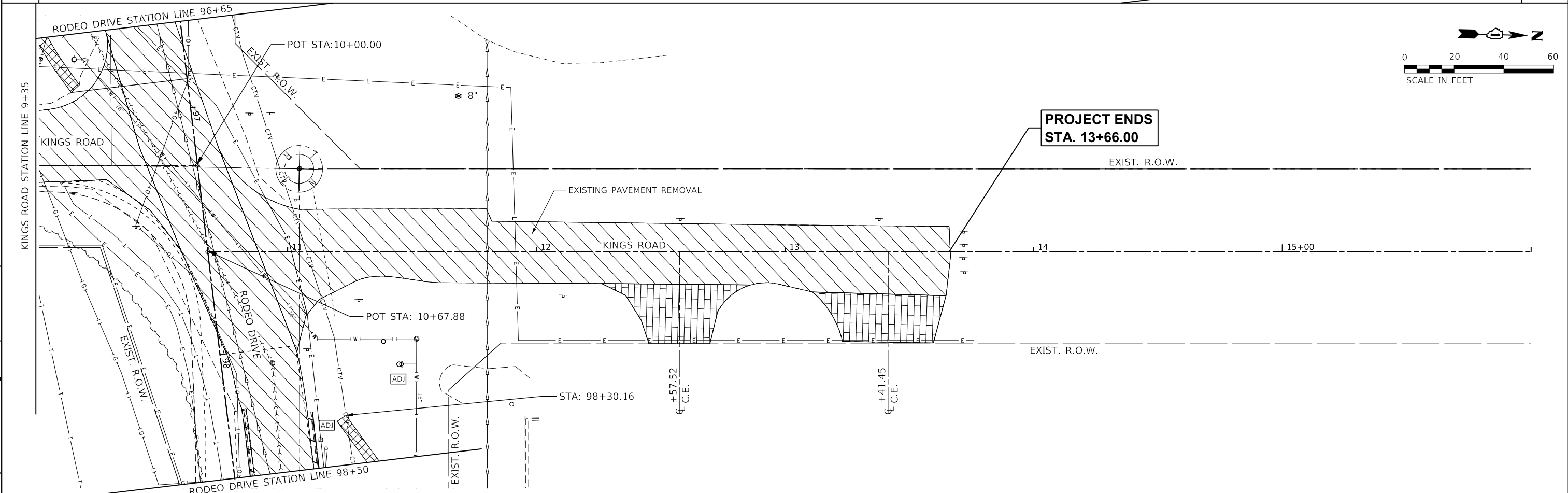
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	23
CONTRACT NO. 61F64				
		ILLINOIS	FED. AID PROJECT	



**PROJECT BEGINS  
STA. 6+08.00**

- LEGEND**
-  EXISTING PAVEMENT REMOVAL
  -  PCC SIDEWALK REMOVAL
  -  DRIVEWAY PAVEMENT REMOVAL
  -  CURB AND GUTTER REMOVAL
  -  TREE REMOVAL, \_\_\_"



**PROJECT ENDS  
STA. 13+66.00**

MODEL: 440021.DWG  
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**The Upchurch Group**  
 architects engineers surveyors  
 Professional Design Firm Corporation  
 123 North 15th Street  
 Maitland, IL 61138  
 Phone: 312.235.3177  
 License No. 184-003401  
 e-mail: upchurchgroup@upchurchgroup.com

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 PLOT DATE = 2/12/2019

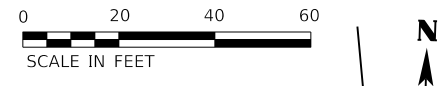
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DATE -	REVISED -

**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**KINGS ROAD  
 REMOVAL PLAN**

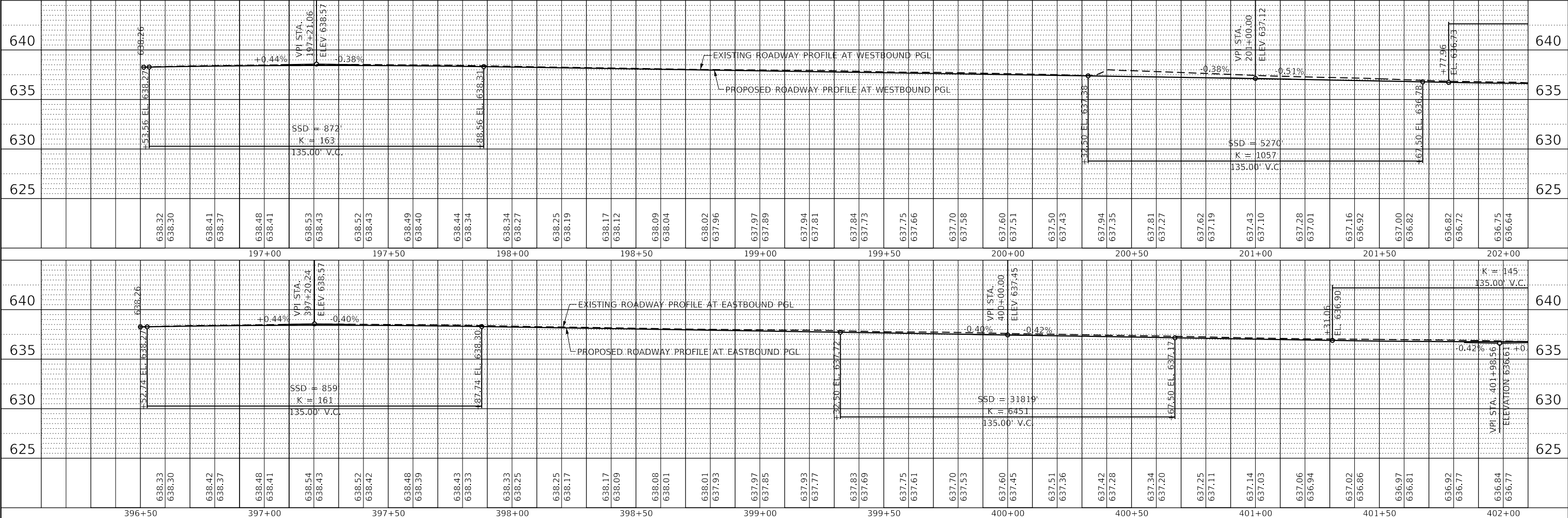
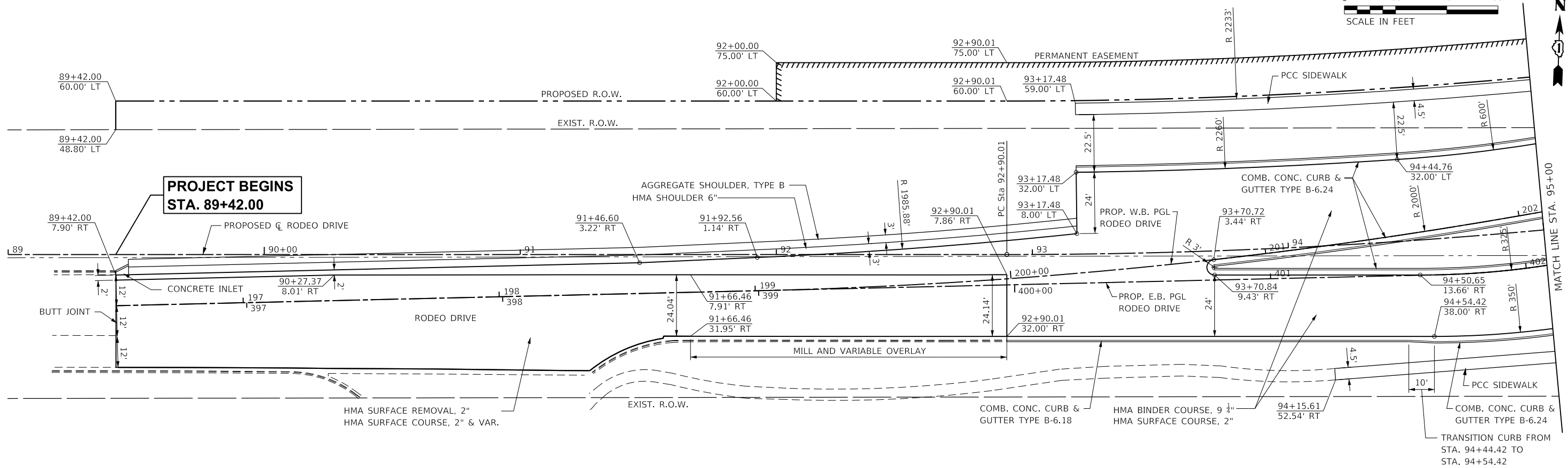
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	24
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	
	BY	
	DATE	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	NO.	
	BY	
	DATE	



**The Upchurch Group**  
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 123 North 15th Street  
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 Phone: 312.253.3137  
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 e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta10  
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 PLOT DATE = 2/12/2019

DESIGNED	-	SJF	REVISED	-
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**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

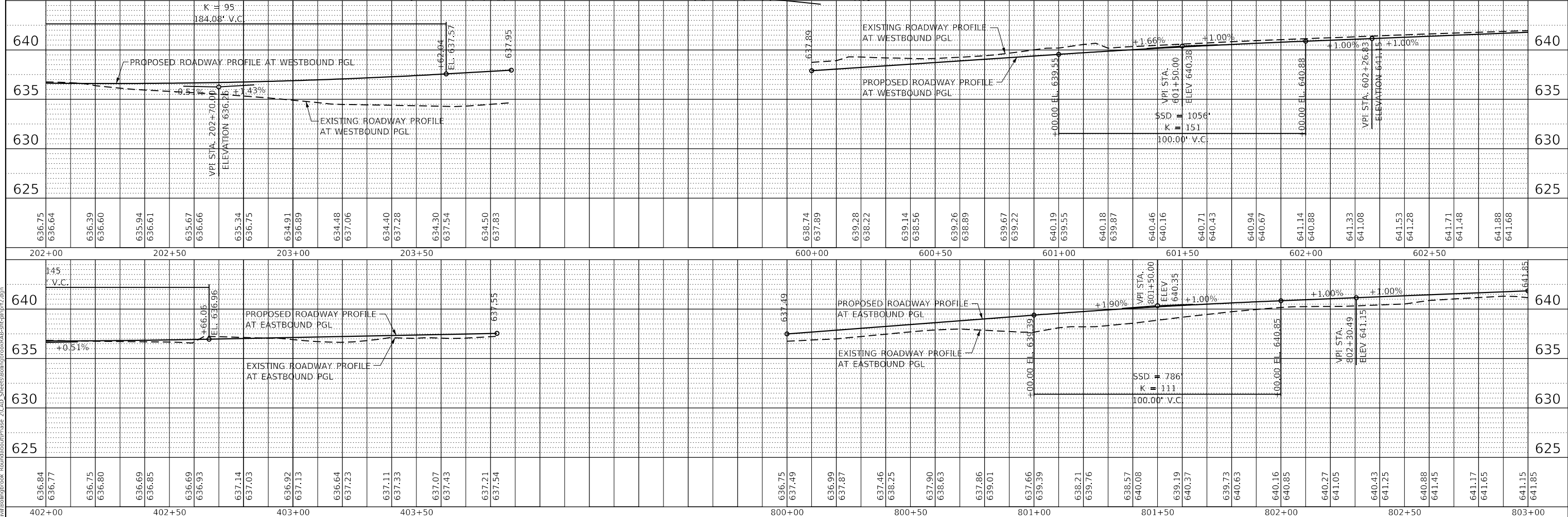
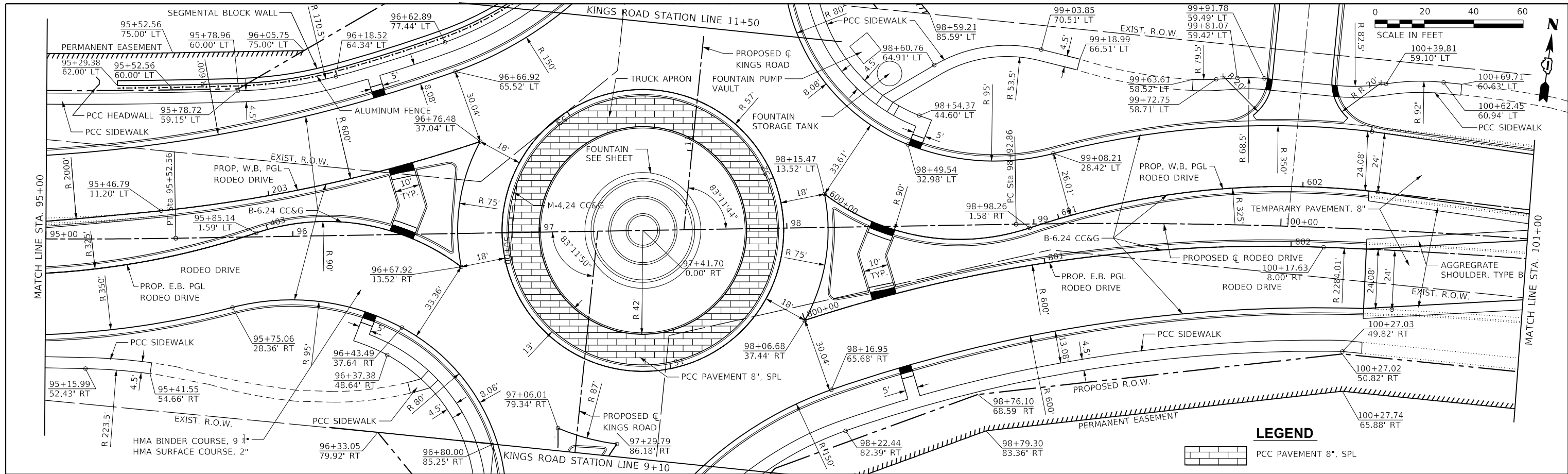
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 PLAN AND PROFILE**  
 SCALE: 40.0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	25
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	PLOTTED	
	ALIGNED	
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	FILED	
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	BY	
	DATE	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	FILED	
	NO.	
	BY	
	DATE	



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 123 North 15th Street  
 Moline, IL 61908  
 Phone: 312.253.3177  
 License No. 184-003401  
 e-mail: upchurchgroup@upchurchgroup.com

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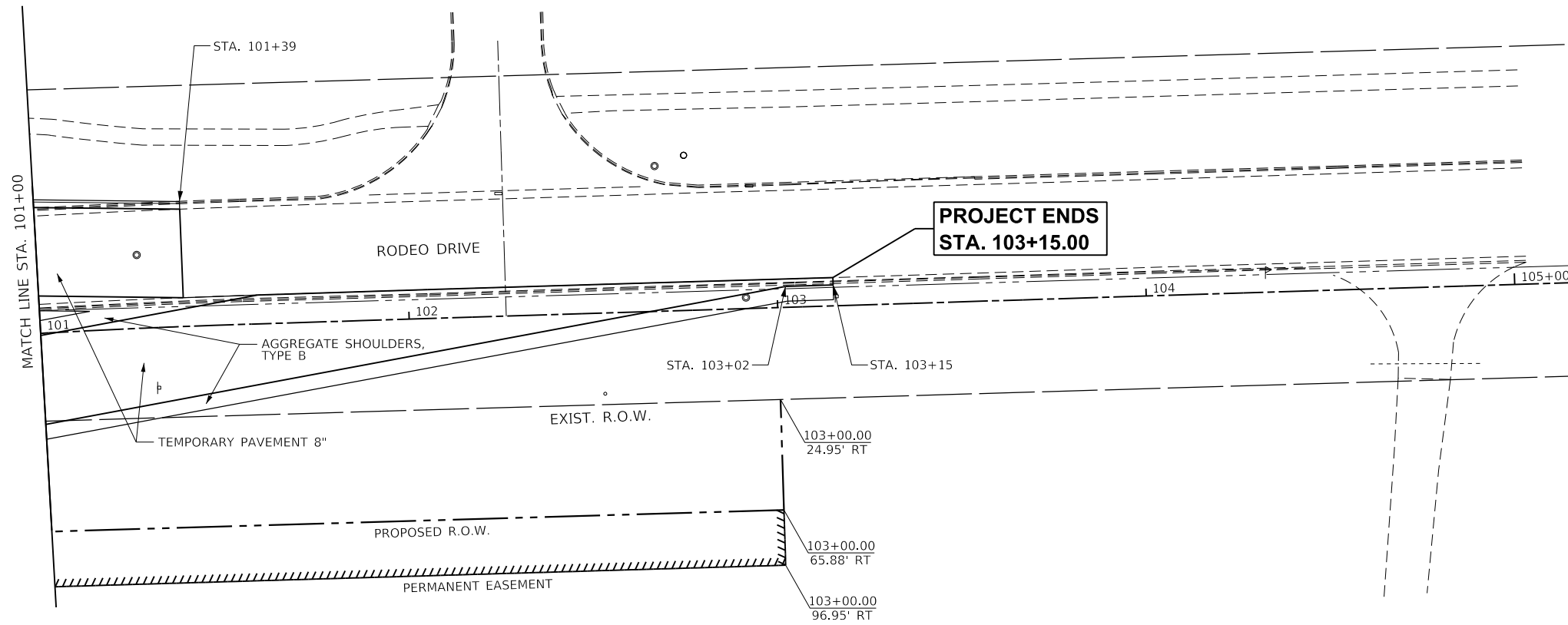
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REVISED -  
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 REVISED -

**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**RODEO DRIVE  
 PLAN AND PROFILE**  
 SCALE: 40.0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	26
CONTRACT NO. 61F64			ILLINOIS FED. AID PROJECT	



**PROJECT ENDS  
STA. 103+15.00**

MODEL: 44002ELN.MXD  
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 e-mail: upchurchgroup@upchurchgroup.com

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**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

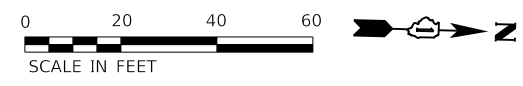
**RODEO DRIVE  
 PLAN AND PROFILE**

SCALE: 40,0000' / in SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61F64				
		ILLINOIS	FED. AID PROJECT	

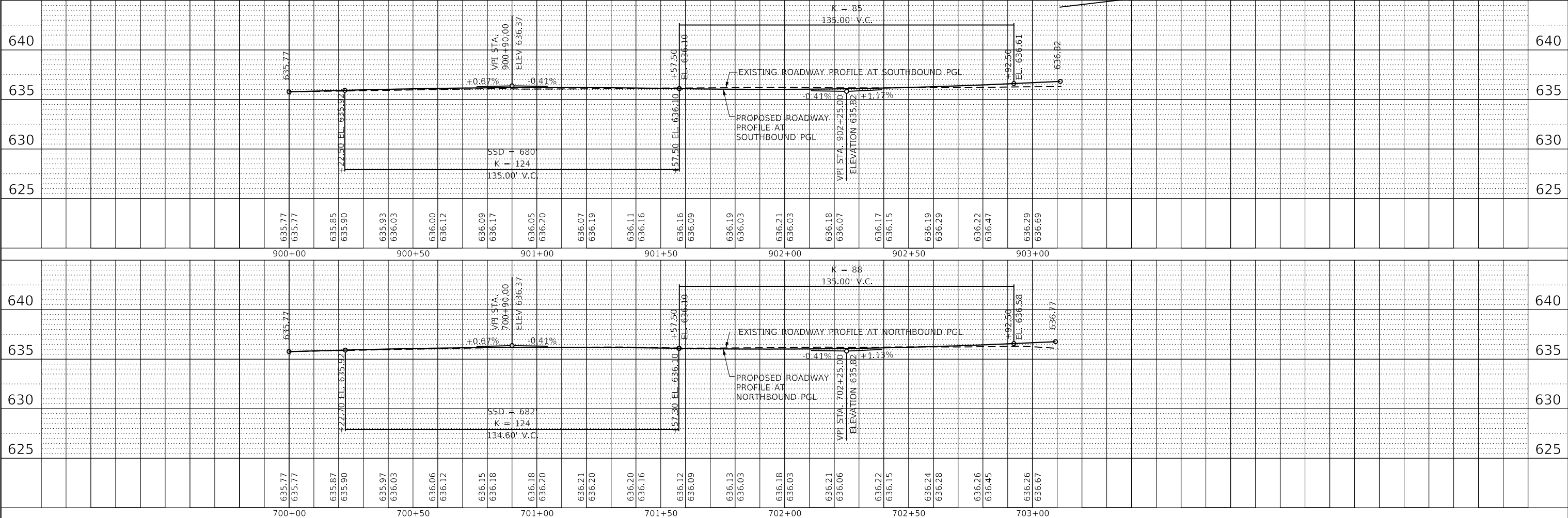
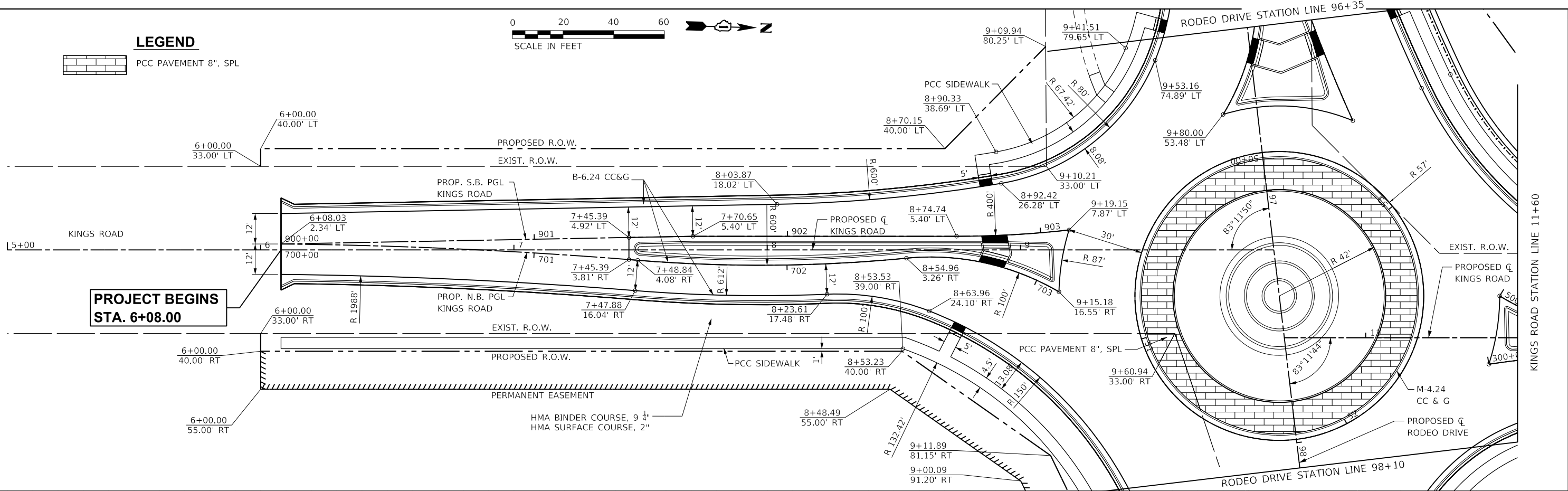
**LEGEND**

PCC PAVEMENT 8", SPL



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	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	
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	STRUCTURE	
	NOTARIS	
	CPWD	
	NO.	



**The Upchurch Group**  
architects engineers surveyors

USER NAME = Sta10  
TUG PROJECT NO. 3115011-01  
PLOT SCALE = 40.0000' / in.  
DATE = 2/12/2019

DESIGNED	-	SJF	REVISED	-
DRAWN	-	SAE	REVISED	-
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DATE	-		REVISED	-

**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**KINGS ROAD  
PLAN AND PROFILE**

SCALE: 40.0000' / in SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	28
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				

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**LEGEND**

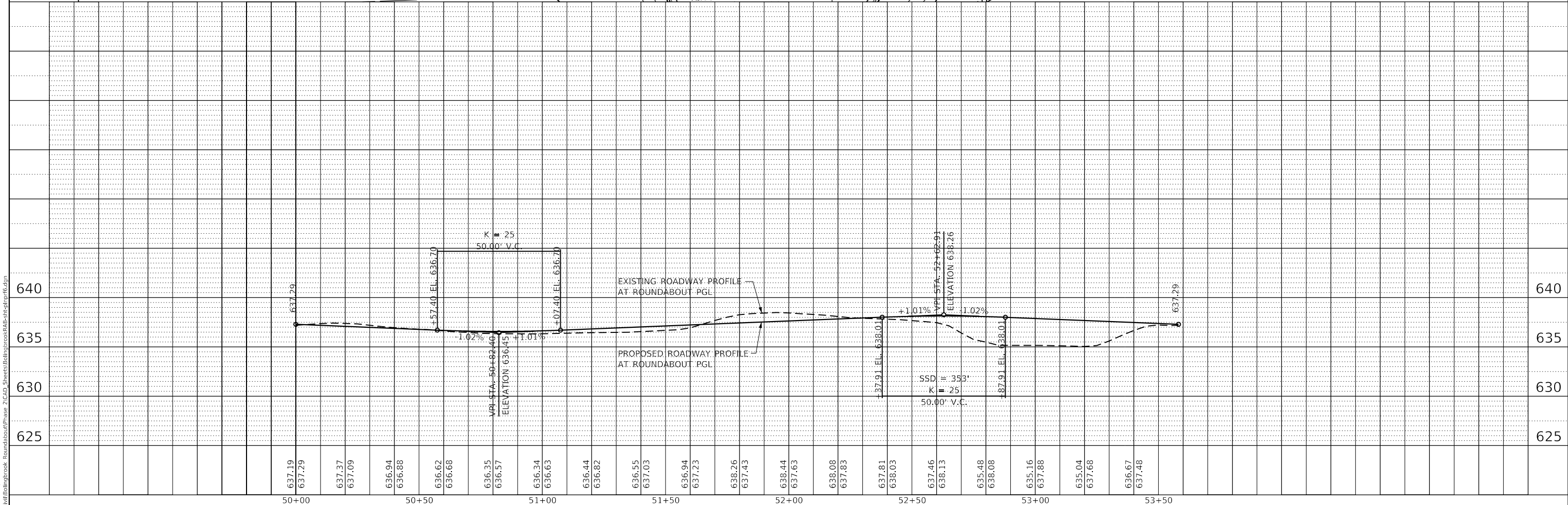
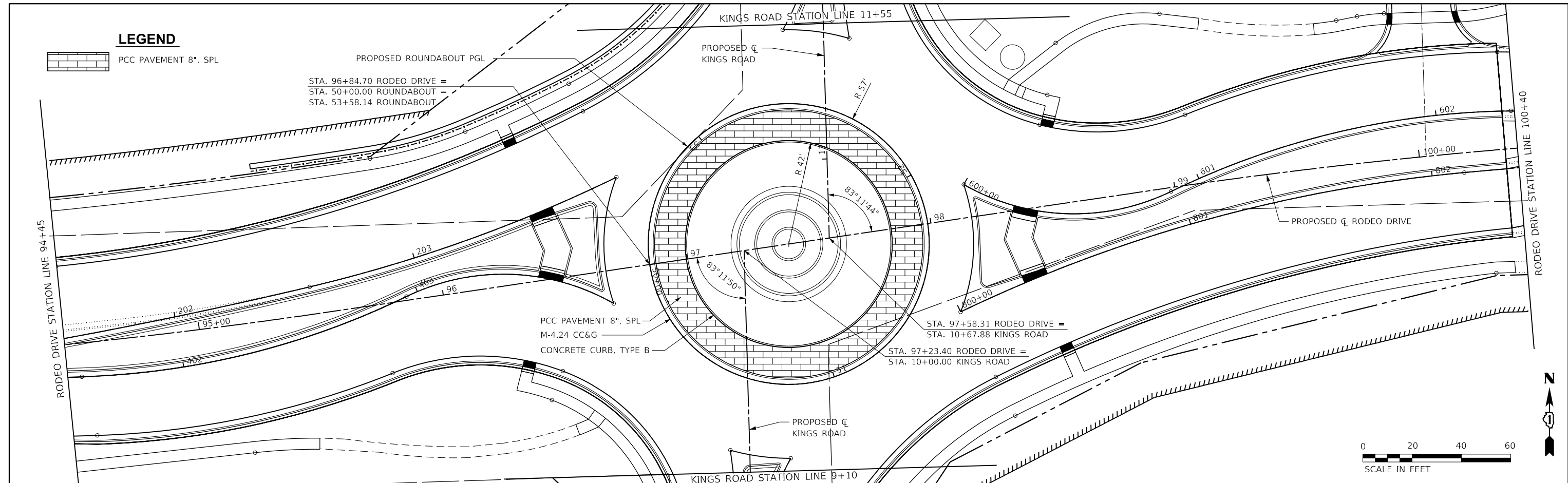
PCC PAVEMENT 8", SPL

PROPOSED ROUNDABOUT PGL  
 STA. 96+84.70 RODEO DRIVE =  
 STA. 50+00.00 ROUNDABOUT =  
 STA. 53+58.14 ROUNDABOUT

PCC PAVEMENT 8", SPL  
 M-4.24 CC&G  
 CONCRETE CURB, TYPE B

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADES CHECKED	
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	NOTE BOOK NO.	
	CADD FILE NAME	

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DESIGNED	-	SJF	REVISED	-
DRAWN	-	SAE	REVISED	-
CHECKED	-	SJF	REVISED	-
DATE	-		REVISED	-

**RODEO DRIVE ROUNDABOUT AT KINGS ROAD**  
**VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**ROUNDABOUT**  
**PLAN AND PROFILE**  
 SCALE: 40.0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	30
CONTRACT NO. 61F64				
ILLINOIS		FED. AID PROJECT		

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**STAGE 1 – TRAFFIC CONTROL AND CONSTRUCTION SEQUENCE**

1. CONTRACTOR SHALL PLACE ALL ADVANCED WARNING SIGNAGE, TEMPORARY PAVEMENT MARKING, TRAFFIC CONTROL DEVICES, ETC., IN ACCORDCANCE WITH THE APPROPRIATE IDOT STANDARDS AND THE MAINTENANCE OF TRAFFIC SHOWN ON THE PLANS.
2. CONTRACTOR SHALL FOCUS CONSTRUCTION OF ALL ITEMS IN THE NORTHWEST AND SOUTHEAST QUADRANTS OF THE INTERSECTION AS SHOWN ON THE MAINTENANCE OF TRAFFIC IN THE PLANS.
3. ALL PROPOSED PAVEMENT SHALL BE FINISHED TO THE TOP LIFT OF HMA BINDER COURSE.

**STAGE 2A – TRAFFIC CONTROL AND CONSTRUCTION SEQUENCE**

1. CONTRACTOR SHALL REMOVE AND PLACE ALL ADVANCED WARNING SIGNAGE, TEMPORARY PAVEMENT MARKING, TRAFFIC CONTROL DEVICES, ETC., IN ACCORDCANCE WITH THE APPROPRIATE IDOT STANDARDS AND THE MAINTENANCE OF TRAFFIC SHOWN ON THE PLANS.
2. TRAFFIC ON EASTBOUND RODEO DRIVE SHALL BE SHIFTED TO THE NEW AND TEMPORARY PAVEMENTS CONSTRUCTED IN STAGE 1.
3. TRAFFIC ON SOUTH KINGS ROAD SHALL BE SHIFTED TO THE NEW AND TEMPORARY PAVEMENTS CONSTRUCTED IN STAGE 1.
4. CONTRACTOR SHALL FOCUS CONSTRUCTION ON SOUTH KINGS ROAD AND EAST OF THE INTERSECTION AS SHOWN ON THE MAINTENANCE OF TRAFFIC IN THE PLANS.
5. ALL PROPOSED PAVEMENT SHALL BE FINISHED TO THE TOP LIFT OF HMA BINDER COURSE.

**STAGE 2B – TRAFFIC CONTROL AND CONSTRUCTION SEQUENCE**

1. CONTRACTOR SHALL REMOVE AND PLACE ALL ADVANCED WARNING SIGNAGE, TEMPORARY PAVEMENT MARKING, TRAFFIC CONTROL DEVICES, ETC., IN ACCORDCANCE WITH THE APPROPRIATE IDOT STANDARDS AND THE MAINTENANCE OF TRAFFIC SHOWN ON THE PLANS.
2. TRAFFIC ON EASTBOUND RODEO DRIVE SHALL REMAIN SHIFTED TO THE NEW AND TEMPORARY PAVEMENTS CONSTRUCTED IN STAGE 1.
3. TRAFFIC ON SOUTH KINGS ROAD SHALL BE SHIFTED TO THE NEW AND TEMPORARY PAVEMENTS CONSTRUCTED IN STAGE 1.
4. NORTH KINGS ROAD SHALL BE CLOSED TO TRAFFIC.
5. TRAFFIC TO THE FIRE DEPARTMENT AND COMMUNITY BUILDING WILL HAVE ACCESS VIA ENTRANCE CONSTRUCTED IN STAGE 2A.
6. CONTRACTOR SHALL FOCUS CONSTRUCTION ON NORTH KINGS ROAD AND EAST OF THE INTERSECTION AS SHOWN ON THE MAINTENANCE OF TRAFFIC IN THE PLANS.
7. ALL PROPOSED PAVEMENT SHALL BE FINISHED TO THE TOP LIFT OF HMA BINDER COURSE.

**STAGE 3 – TRAFFIC CONTROL AND CONSTRUCTION SEQUENCE**

1. CONTRACTOR SHALL REMOVE AND PLACE ALL ADVANCED WARNING SIGNAGE, TEMPORARY PAVEMENT MARKING, TRAFFIC CONTROL DEVICES, ETC., IN ACCORDCANCE WITH THE APPROPRIATE IDOT STANDARDS AND THE MAINTENANCE OF TRAFFIC SHOWN ON THE PLANS.
2. TRAFFIC ON EASTBOUND RODEO DRIVE SHALL BE SHIFTED TO THE NEW AND TEMPORARY PAVEMENTS CONSTRUCTED IN STAGE 2A & 2B.
3. TRAFFIC ON SOUTH KINGS ROAD SHALL BE SHIFTED TO THE NEW AND TEMPORARY PAVEMENTS CONSTRUCTED IN STAGE 2A.
4. NORTH KINGS ROAD OPEN TO TRAFFIC ON THE NEW PAVEMENT CONSTRUCTED IN STAGE 1 & STAGE 2B.
5. ACCESS TO THE FIRE DEPARTMENT AND COMMUNITY BUILDING CONSTRUCTED IN STAGE 2A SHALL BE CLOSED TO TRAFFIC.
6. CONTRACTOR SHALL FOCUS CONSTRUCTION ON THE SOUTH SIDE OF RODEO DRIVE WEST OF THE INTERSECTION, THE MEDIAN EAST OF THE INTERSECTION, AND THE EAST SIDE OF SOUTH KINGS ROAD.
7. ALL PROPOSED PAVEMENT SHALL BE FINISHED TO THE TOP LIFT OF HMA BINDER COURSE.

**STAGE 4 – TRAFFIC CONTROL AND CONSTRUCTION SEQUENCE**

1. CONTRACTOR SHALL REMOVE AND PLACE ALL ADVANCED WARNING SIGNAGE, TEMPORARY PAVEMENT MARKING, TRAFFIC CONTROL DEVICES, ETC., IN ACCORDCANCE WITH THE APPROPRIATE IDOT STANDARDS AND THE MAINTENANCE OF TRAFFIC SHOWN ON THE PLANS.
2. ALL TRAFFIC SHALL BE PLACED ON THE NEW PAVEMENT.
3. CONTRACTOR SHALL FOCUS CONSTRUCTION ON THE MEDIAN WEST OF THE INTERSECTION AND THE CENTER ISLAND OF THE INTERSECTION.

**STAGE 5 – TRAFFIC CONTROL AND CONSTRUCTION SEQUENCE**

1. CONTRACTOR SHALL REMOVE AND PLACE ALL ADVANCED WARNING SIGNAGE, TEMPORARY PAVEMENT MARKING, TRAFFIC CONTROL DEVICES, ETC., IN ACCORDCANCE WITH THE APPROPRIATE IDOT STANDARDS AND THE MAINTENANCE OF TRAFFIC SHOWN ON THE PLANS.
2. ALL TRAFFIC SHALL BE PLACED ON THE NEW PAVEMENT.
3. CONTRACTOR SHALL PLACE ALL SURFACE COURSE AND FINAL STRIPING.

**STAGE 6 – TRAFFIC CONTROL AND CONSTRUCTION SEQUENCE**

1. CONTRACTOR SHALL REMOVE AND PLACE ALL ADVANCED WARNING SIGNAGE, TEMPORARY PAVEMENT MARKING, TRAFFIC CONTROL DEVICES, ETC., IN ACCORDCANCE WITH THE APPROPRIATE IDOT STANDARDS AND THE MAINTENANCE OF TRAFFIC SHOWN ON THE PLANS.
2. ALL TRAFFIC SHALL BE PLACED ON THE NEW PAVEMENT.
3. CONTRACTOR SHALL FOCUS CONSTRUCTION ON THE MEDIANS EAST AND WEST OF THE INTERSECTION AND THE CENTER ISLAND OF THE INTERSECTION.

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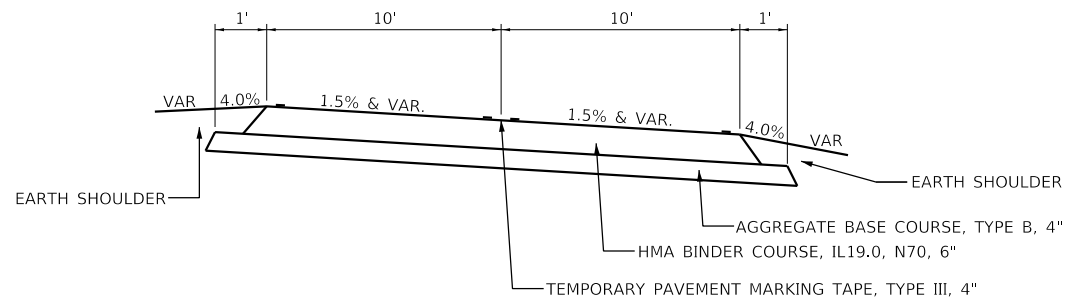
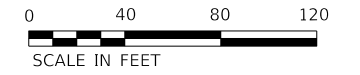
**The Upchurch Group**  
 architects engineers surveyors  
 Professional Design Firm Corporation  
 License No. 184-003401  
 123 North 15th Street  
 Maitland, FL 32751  
 Phone: 317.235.3177  
 e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta10	DESIGNED - SJF	REVISED -
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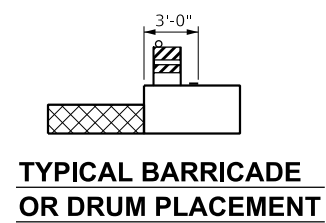
**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**STAGING AND MAINTENANCE OF TRAFFIC – GENERAL NOTES**  
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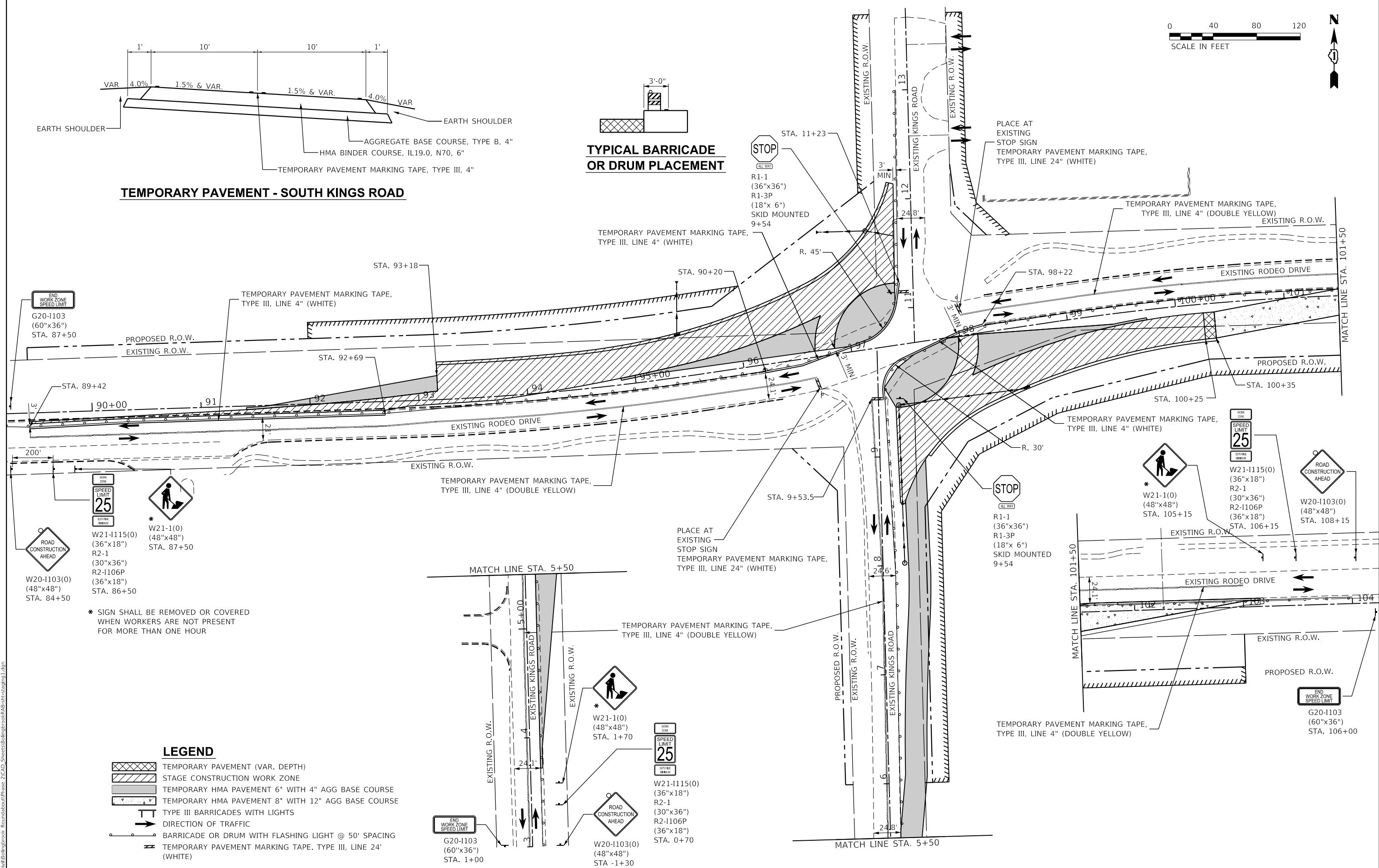
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	31
CONTRACT NO. 61F64			ILLINOIS FED. AID PROJECT	



**TEMPORARY PAVEMENT - SOUTH KINGS ROAD**



**TYPICAL BARRICADE OR DRUM PLACEMENT**



- W20-1103(0) (48"x48") STA. 84+50
  - W21-1115(0) (36"x18") R2-1 (30"x36") R2-1106P (36"x18") STA. 86+50
  - \* W21-1(0) (48"x48") STA. 87+50
- \* SIGN SHALL BE REMOVED OR COVERED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR

- LEGEND**
- TEMPORARY PAVEMENT (VAR. DEPTH)
  - STAGE CONSTRUCTION WORK ZONE
  - TEMPORARY HMA PAVEMENT 6" WITH 4" AGG BASE COURSE
  - TEMPORARY HMA PAVEMENT 8" WITH 12" AGG BASE COURSE
  - TYPE III BARRICADES WITH LIGHTS
  - DIRECTION OF TRAFFIC
  - BARRICADE OR DRUM WITH FLASHING LIGHT @ 50' SPACING
  - TEMPORARY PAVEMENT MARKING TAPE, TYPE III, LINE 24" (WHITE)

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USER NAME = Sta10  
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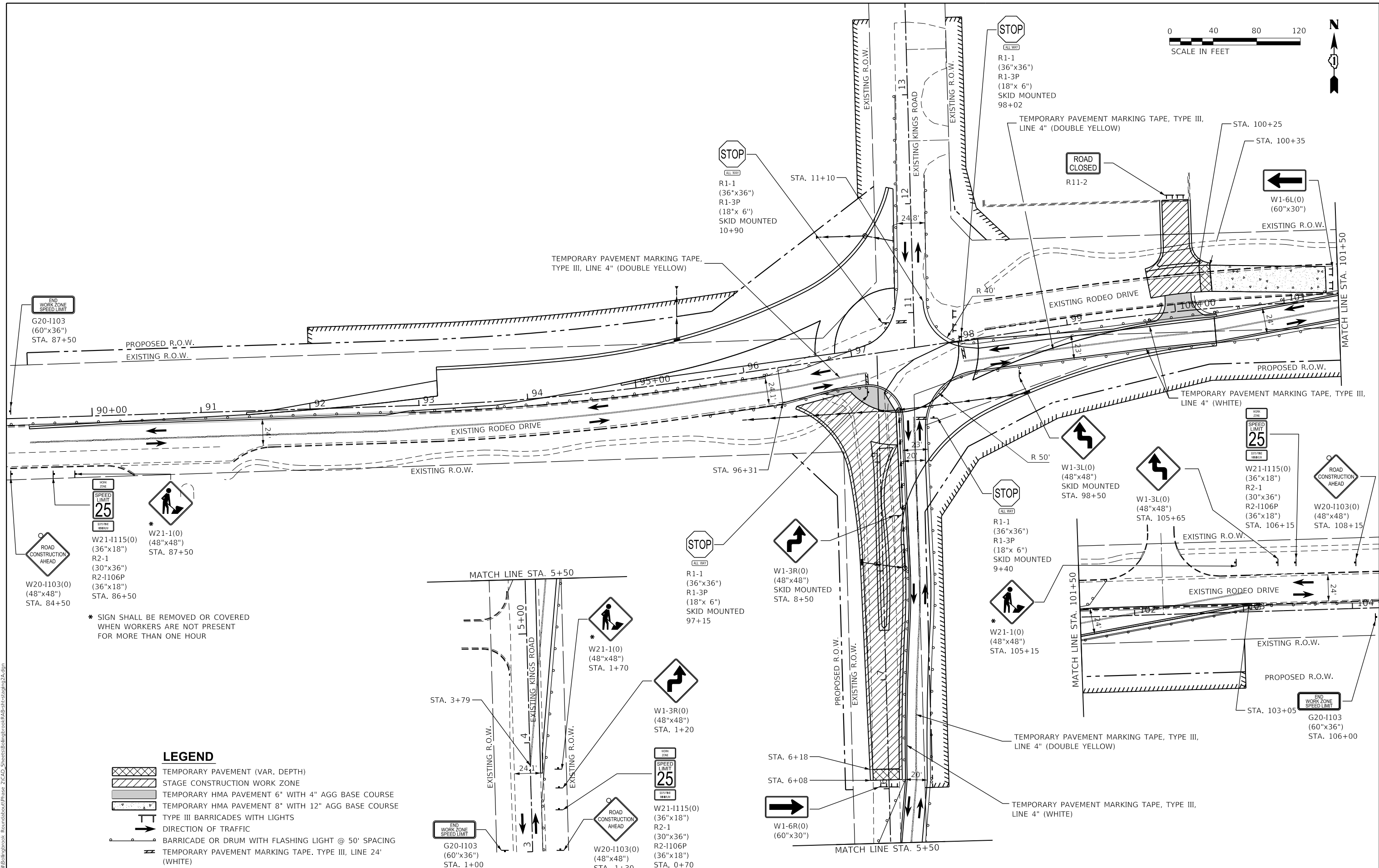
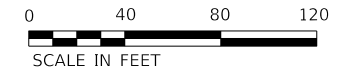
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**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**STAGING & MAINTENANCE OF TRAFFIC  
 STAGE 1**

SCALE: 80.0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	32
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				



\* SIGN SHALL BE REMOVED OR COVERED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR

**LEGEND**

- TEMPORARY PAVEMENT (VAR. DEPTH)
- STAGE CONSTRUCTION WORK ZONE
- TEMPORARY HMA PAVEMENT 6" WITH 4" AGG BASE COURSE
- TEMPORARY HMA PAVEMENT 8" WITH 12" AGG BASE COURSE
- TYPE III BARRICADES WITH LIGHTS
- DIRECTION OF TRAFFIC
- BARRICADE OR DRUM WITH FLASHING LIGHT @ 50' SPACING
- TEMPORARY PAVEMENT MARKING TAPE, TYPE III, LINE 24' (WHITE)

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 Professional Design Firm Corporation  
 License No. 184-003401  
 e-mail: upchurchgroup@upchurchgroup.com

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 Phone: 217.235.3177

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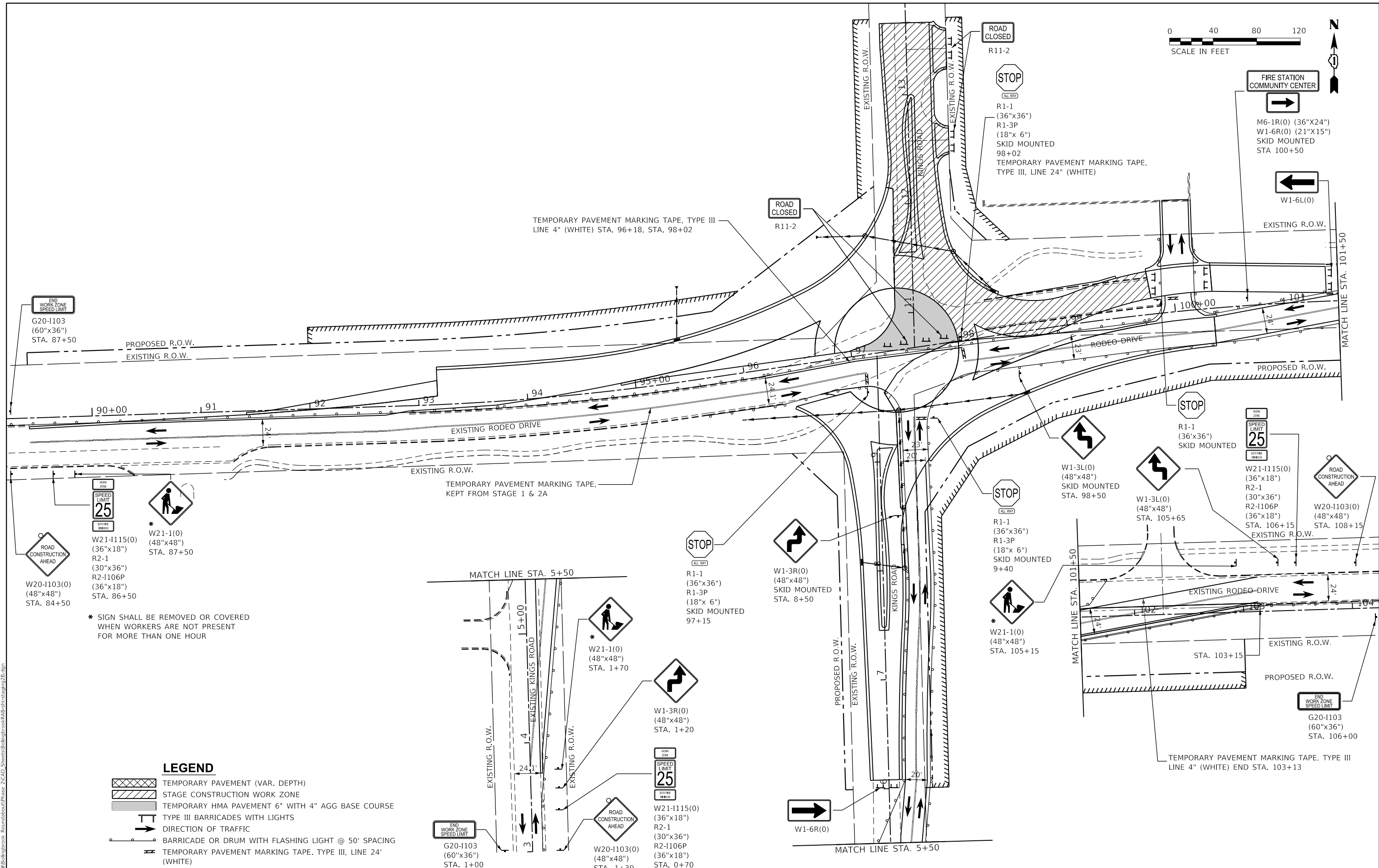
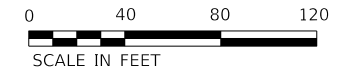
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**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**STAGING & MAINTENANCE OF TRAFFIC  
 STAGE 2A**

SCALE: 80,0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	33
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				



\* SIGN SHALL BE REMOVED OR COVERED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR

**LEGEND**

- TEMPORARY PAVEMENT (VAR. DEPTH)
- STAGE CONSTRUCTION WORK ZONE
- TEMPORARY HMA PAVEMENT 6" WITH 4" AGG BASE COURSE
- TYPE III BARRICADES WITH LIGHTS
- DIRECTION OF TRAFFIC
- BARRICADE OR DRUM WITH FLASHING LIGHT @ 50' SPACING
- TEMPORARY PAVEMENT MARKING TAPE, TYPE III, LINE 24" (WHITE)

MODEL: 440021EN.MXD  
 FILE: MAINT\_Plan\Bolingbrook\_RoundaboutPhase\_2\CAD\_Sheets\BolingbrookRAB-Staging2B.dgn  
 Professional Design Firm Corporation  
 License No. 184-003401  
 e-mail: upchurchgroup@upchurchgroup.com

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 architects engineers surveyors  
 123 North 15th Street  
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 Phone: 217.255.5177

USER NAME = Sta10  
 TUG PROJECT NO. 3115011-01  
 PLOT SCALE = 80.0000' / in.  
 PLOT DATE = 2/12/2019

DESIGNED - SJF  
 DRAWN - SAE  
 CHECKED - SJF  
 DATE -

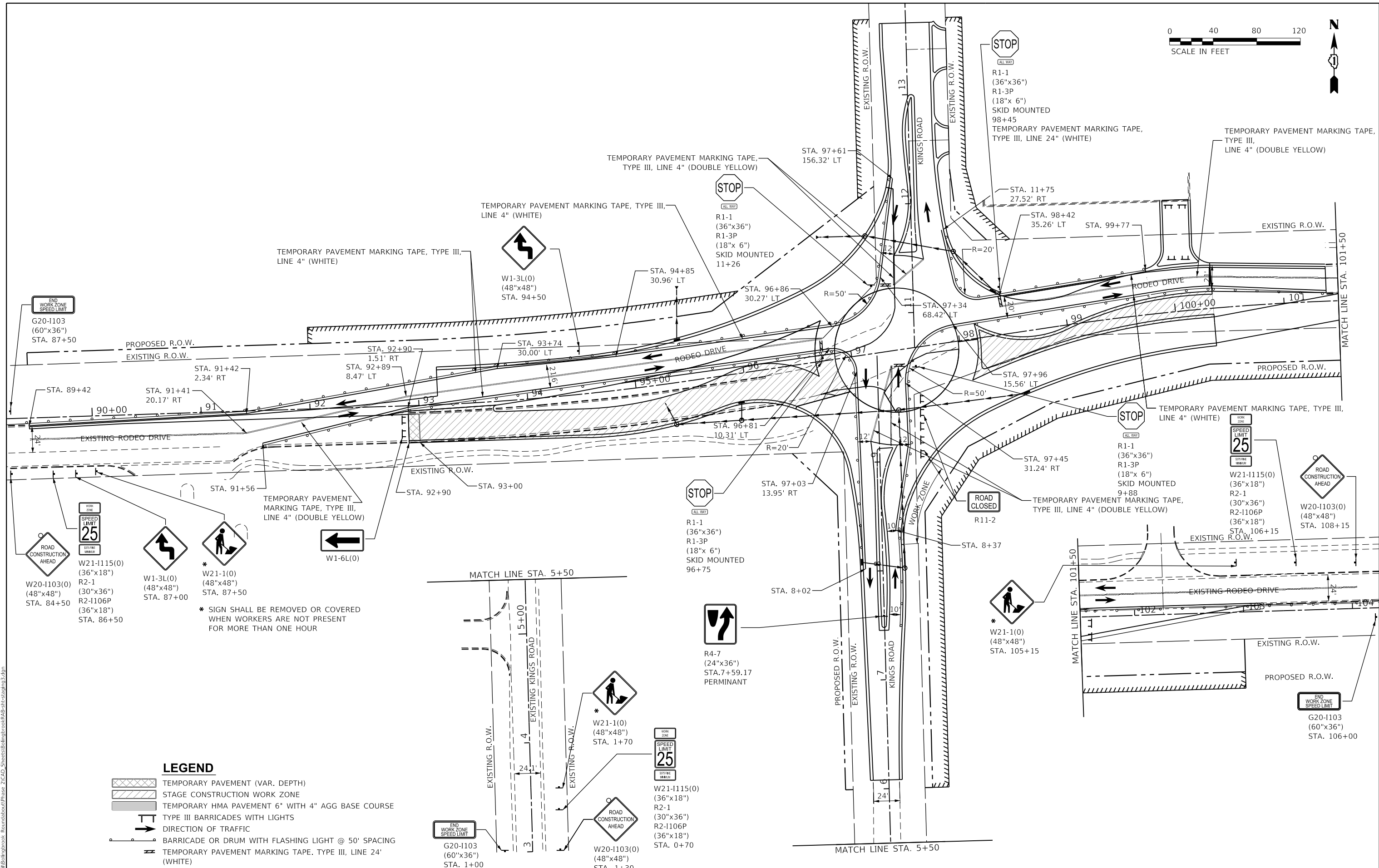
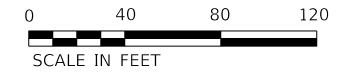
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**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**STAGING & MAINTENANCE OF TRAFFIC  
 STAGE 2B**

SCALE: 80.0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	34
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				



**LEGEND**

	TEMPORARY PAVEMENT (VAR. DEPTH)
	STAGE CONSTRUCTION WORK ZONE
	TEMPORARY HMA PAVEMENT 6\"/>
	TYPE III BARRICADES WITH LIGHTS
	DIRECTION OF TRAFFIC
	BARRICADE OR DRUM WITH FLASHING LIGHT @ 50' SPACING
	TEMPORARY PAVEMENT MARKING TAPE, TYPE III, LINE 24\"/>

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USER NAME = Sta10  
 TUG PROJECT NO. 3115011-01  
 PLOT SCALE = 80.0000' / in.  
 PLOT DATE = 2/12/2019

DESIGNED - SJF  
 DRAWN - SAE  
 CHECKED - SJF  
 DATE -

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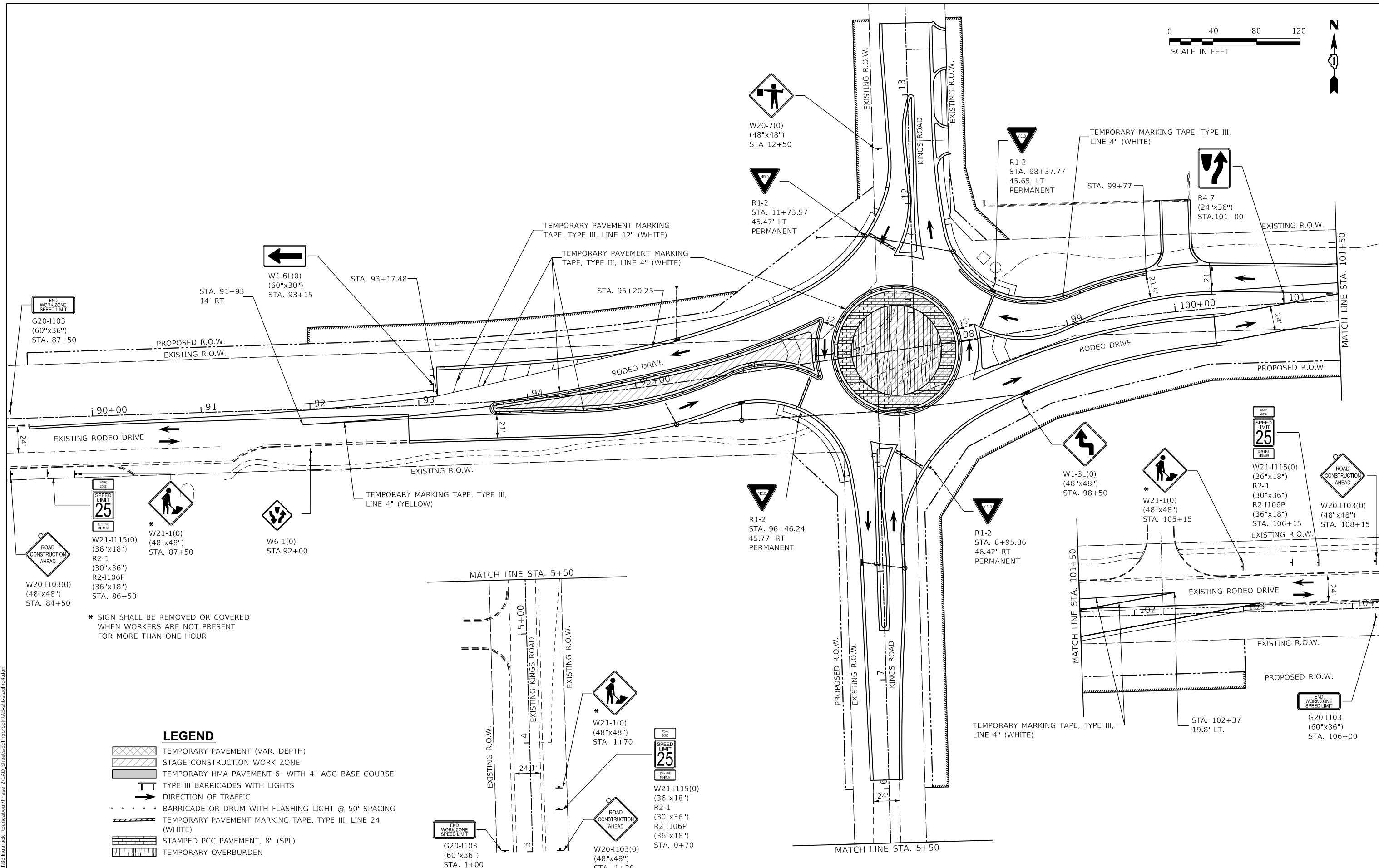
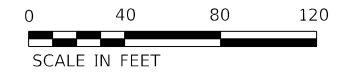
**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**STAGING & MAINTENANCE OF TRAFFIC  
 STAGE 3**

SCALE: 80.0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	35
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				





\* SIGN SHALL BE REMOVED OR COVERED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR

**LEGEND**

- TEMPORARY PAVEMENT (VAR. DEPTH)
- STAGE CONSTRUCTION WORK ZONE
- TEMPORARY HMA PAVEMENT 6" WITH 4" AGG BASE COURSE
- TYPE III BARRICADES WITH LIGHTS
- DIRECTION OF TRAFFIC
- BARRICADE OR DRUM WITH FLASHING LIGHT @ 50' SPACING
- TEMPORARY PAVEMENT MARKING TAPE, TYPE III, LINE 24" (WHITE)
- STAMPED PCC PAVEMENT, 8" (SPL)
- TEMPORARY OVERBURDEN

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USER NAME = Sta37  
 TUG PROJECT NO. 3115011-01  
 PLOT SCALE = 80.0000' / in.  
 PLOT DATE = 2/14/2019

DESIGNED - SJF  
 DRAWN - SAE  
 CHECKED - SJF  
 DATE -

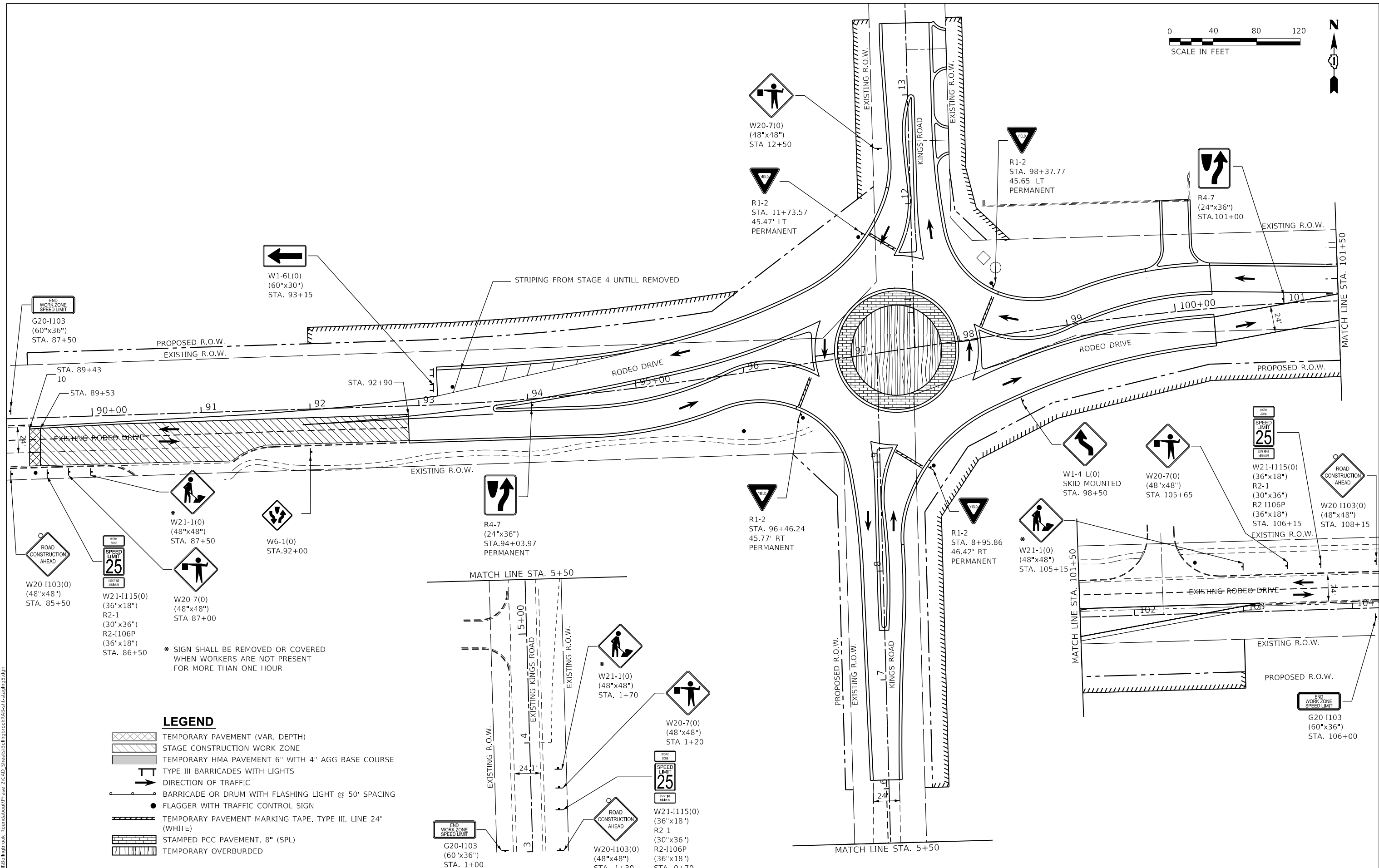
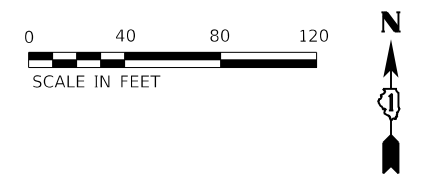
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**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**STAGING & MAINTENANCE OF TRAFFIC  
 STAGE 4**  
 SCALE: 80.0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	36
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				





\* SIGN SHALL BE REMOVED OR COVERED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR

**LEGEND**

- TEMPORARY PAVEMENT (VAR. DEPTH)
- STAGE CONSTRUCTION WORK ZONE
- TEMPORARY HMA PAVEMENT 6" WITH 4" AGG BASE COURSE
- TYPE III BARRICADES WITH LIGHTS
- DIRECTION OF TRAFFIC
- BARRICADE OR DRUM WITH FLASHING LIGHT @ 50' SPACING
- FLAGGER WITH TRAFFIC CONTROL SIGN
- TEMPORARY PAVEMENT MARKING TAPE. TYPE III, LINE 24' (WHITE)
- STAMPED PCC PAVEMENT, 8" (SPL)
- TEMPORARY OVERBURDED

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USER NAME = Sta37  
 TUG PROJECT NO. 3115011-01  
 PLOT SCALE = 80.0000' / in.  
 PLOT DATE = 2/14/2019

DESIGNED - SJF  
 DRAWN - SAE  
 CHECKED - SJF  
 DATE -

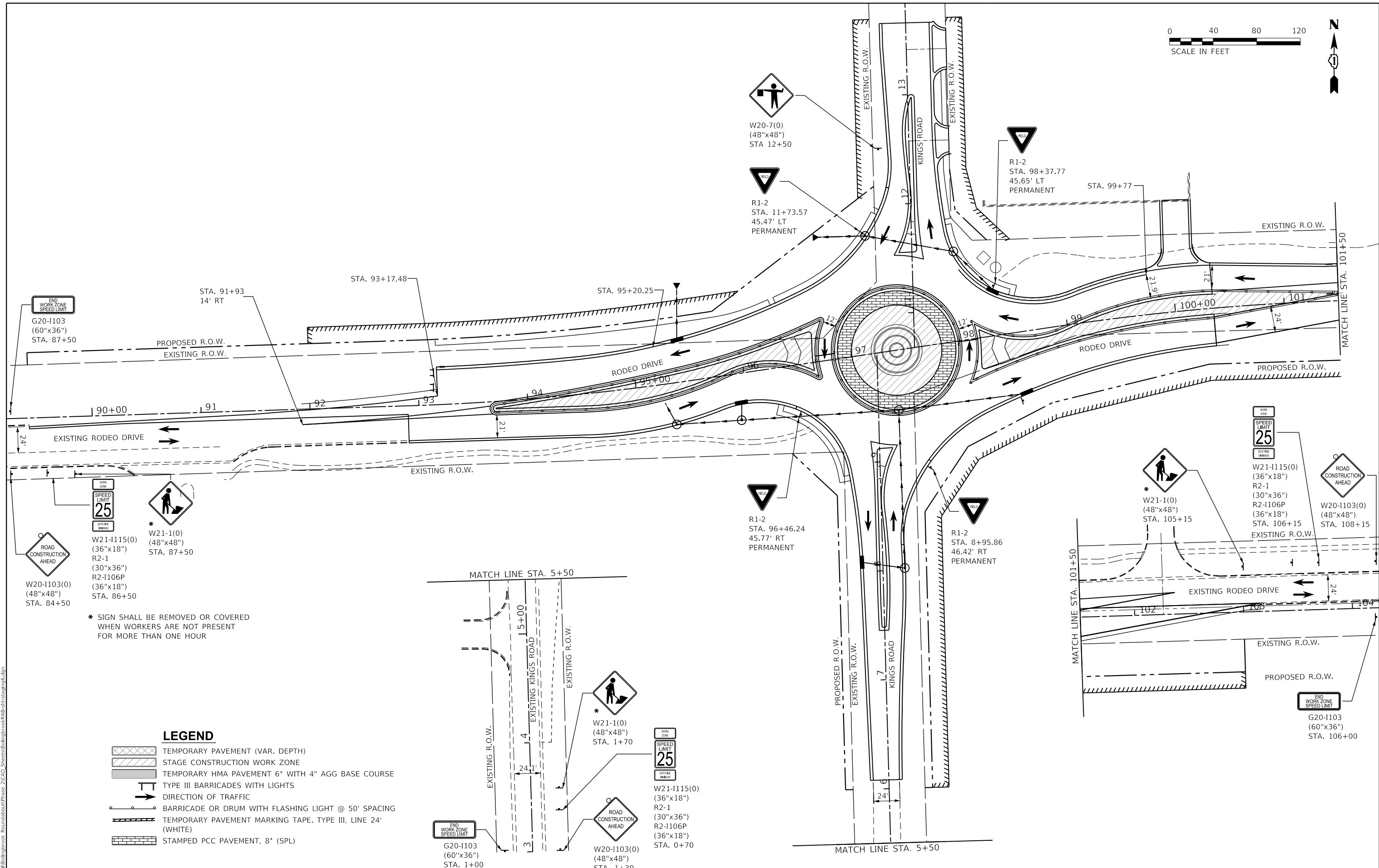
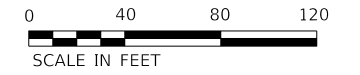
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**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**STAGING & MAINTENANCE OF TRAFFIC  
 STAGE 5**

SCALE: 80.0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	37
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				



END WORK ZONE SPEED LIMIT

G20-1103  
(60"x36")  
STA. 87+50

STA. 91+93  
14' RT

STA. 93+17.48

STA. 95+20.25

STA. 99+77

R1-2  
STA. 98+37.77  
45.65' LT  
PERMANENT

W20-7(0)  
(48"x48")  
STA. 12+50

R1-2  
STA. 11+73.57  
45.47' LT  
PERMANENT

EXISTING R.O.W.

MATCH LINE STA. 101+50

PROPOSED R.O.W.  
EXISTING R.O.W.

RODEO DRIVE

RODEO DRIVE

PROPOSED R.O.W.

EXISTING RODEO DRIVE

EXISTING R.O.W.

WORK ZONE  
SPEED LIMIT  
25  
DISTANCE  
AHEAD



W21-1115(0)  
(36"x18")  
R2-1  
(30"x36")  
R2-1106P  
(36"x18")  
STA. 86+50

\* W21-1(0)  
(48"x48")  
STA. 87+50

W20-1103(0)  
(48"x48")  
STA. 84+50

\* SIGN SHALL BE REMOVED OR COVERED  
WHEN WORKERS ARE NOT PRESENT  
FOR MORE THAN ONE HOUR

R1-2  
STA. 96+46.24  
45.77' RT  
PERMANENT

R1-2  
STA. 8+95.86  
46.42' RT  
PERMANENT



\* W21-1(0)  
(48"x48")  
STA. 105+15

WORK ZONE  
SPEED LIMIT  
25  
DISTANCE  
AHEAD  
W21-1115(0)  
(36"x18")  
R2-1  
(30"x36")  
R2-1106P  
(36"x18")  
STA. 106+15  
EXISTING R.O.W.

W20-1103(0)  
(48"x48")  
STA. 108+15



MATCH LINE STA. 5+50

EXISTING R.O.W.

EXISTING KINGS ROAD

EXISTING R.O.W.



\* W21-1(0)  
(48"x48")  
STA. 1+70

WORK ZONE  
SPEED LIMIT  
25  
DISTANCE  
AHEAD

W21-1115(0)  
(36"x18")  
R2-1  
(30"x36")  
R2-1106P  
(36"x18")  
STA. 0+70

W20-1103(0)  
(48"x48")  
STA. -1+30

END WORK ZONE  
SPEED LIMIT

G20-1103  
(60"x36")  
STA. 1+00

PROPOSED R.O.W.

EXISTING R.O.W.

KINGS ROAD

EXISTING R.O.W.

MATCH LINE STA. 5+50

MATCH LINE STA. 101+50

EXISTING RODEO DRIVE

EXISTING R.O.W.

PROPOSED R.O.W.

END WORK ZONE  
SPEED LIMIT

G20-1103  
(60"x36")  
STA. 106+00

**LEGEND**

- TEMPORARY PAVEMENT (VAR. DEPTH)
- STAGE CONSTRUCTION WORK ZONE
- TEMPORARY HMA PAVEMENT 6" WITH 4" AGG BASE COURSE
- TYPE III BARRICADES WITH LIGHTS
- DIRECTION OF TRAFFIC
- BARRICADE OR DRUM WITH FLASHING LIGHT @ 50' SPACING
- TEMPORARY PAVEMENT MARKING TAPE, TYPE III, LINE 24" (WHITE)
- STAMPED PCC PAVEMENT, 8" (SPL)

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USER NAME = Sta10  
TUG PROJECT NO. 3115011-01  
PLOT SCALE = 80.0000' / in.  
PLOT DATE = 2/12/2019

DESIGNED - SJF	REVISED -
DRAWN - SAE	REVISED -
CHECKED - SJF	REVISED -
DATE -	REVISED -

**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**STAGING & MAINTENANCE OF TRAFFIC  
STAGE 6**

SCALE: 80.0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	38
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				

MODEL: 44002ELN.MXD FILE: Maitland\_Plan\Bolingbrook\_RoundaboutPhase\_2\CAD\_Sheets\BolingbrookRAB-Staging.mxd

**TEMPORARY EROSION CONTROL NOTES**

THE CONTRACTOR WILL BE REQUIRED TO IMPLEMENT AND MAINTAIN EROSION CONTROL MEASURES PRIOR TO STRIPPING OF EXISTING VEGETATION.

ALL CONSTRUCTION ACTIVITIES WILL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMIT.

NO RUNOFF FROM STRIPPED AREAS WILL LEAVE THE SITE OTHER THAN THROUGH EROSION CONTROL PROTECTIVE MEASURES. THE CONTRACTOR WILL ADJUST HIS OPERATIONS AND IMPLEMENT EROSION CONTROL MEASURES ACCORDINGLY.

SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.

SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.

MAINTENANCE AND REPAIR OF ALL EROSION CONTROL MEASURES SHALL NOT BE PAID FOR BUT SHOULD BE CONSIDERED AS PART OF EACH EROSION CONTROL ITEM UTILIZED.

EROSION CONTROL MEASURES SHALL BE INSPECTED 24 HOURS AFTER ANY STORM EXCEEDING 0.5 INCHES OF PRECIPITATION.

ALL DISTURBED AREAS SHALL BE SEEDED OR SODDED AS SOON AS PRACTICAL AFTER CONSTRUCTION ACTIVITIES IN THAT AREA HAVE CONCLUDED, AREAS THAT HAVE BEEN STRIPPED AND WILL NOT RECEIVE PERMANENT LANDSCAPING BEFORE THE END OF THE FALL SEEDING RESTRICTION SHALL RECEIVE TEMPORARY EROSION CONTROL SEEDING.

DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN 7 CALENDAR DAYS OF THE END OF ACTIVE HYDROLOGIC DISTURBANCE OR REDISTURBANCE.

THE CONTRACTOR SHALL SURROUND ALL EARTH STOCKPILES WITH SILT FILTER FENCE. WHICH SHALL BE PAID FOR AS PERIMETER EROSION BARRIER.

THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO REVENT POLLUTION OF STORM WATER AND SHALL FOLLOW IEPA AND IDOT CONSTRUCTION MEMORANDUM NO. 06-60.

EROSION CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE SEQUENCE OF STAGED CONSTRUCTION.

ALL STORM SEWER FACILITIES WITH OPEN LIDS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED OR FILTERED. ALL PROPOSED DRAINAGE STRUCTURES THAT HAVE OPEN LIDS IN PAVEMENT SHALL BE COVERED WITH INLET FILTERS.

THE PERIMETER EROSION BARRIER SHALL REMAIN IN PLACE UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED WITH VEGETATION. AT THAT TIME, THE PERIMETER EROSION BARRIER SHALL BE REMOVED AND THE AREAS DAMAGED BY THE FENCE INSTALLATION SHALL BE RESTORED.

ALL CONCRETE WASHOUT MUST REMAIN WITHIN THE LIMITS OF CONSTRUCTION. ANY EXCESS CONCRETE SHALL BE DISPOSED OF BY MEANS OF A DUMPSTER.

AREAS OR EMBANKMENTS HAVING SLOPES GREATER THAN OR EQUAL TO 1V:3H, AND APPROVED BY THE ENFORCEMENT OFFICER SHALL BE STABILIZED WITH SOD, MAT OR BLANKET IN COMBINATION WITH SEEDING.

ALL STORM SEWER THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED, BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.

ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.

ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE CONTRACTOR SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR.

ANY SEDIMENT OR SOIL REACHING BEYOND THE PROJECT LIMITS SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.

SOIL STOCKPILES SHALL NOT BE LOCATED IN A FLOOD PRONE AREA OR A DESIGNATED BUFFER PROTECTING WATERS OF THE UNITED STATES OR ISOLATED WATERS OF WILL COUNTY.

IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (e.g. SEDIMENT TRAP, SEDIMENT BASIN, OR OTHER APPROPRIATE MEASURE)

THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.

SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.

FOR THOSE DEVELOPMENTS THAT REQUIRE A DESIGNATED EROSION INSPECTOR (DECI), INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM: UPON COMPLETION OF SEDIMENT AND RUNOFF CONTROL MEASURES (INCLUDING PERIMETER CONTROLS AND DIVERSIONS), PRIOR TO PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING, AFTER EVERY SEVEN (7) CALENDAR DAYS OR STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.

A STABILIZED MAT OF CRUSHED STONE MEETING IDOT GRADATION CA-1 UNDERLAIN WITH FILTER FABRIC AND IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL, OR OTHER APPROPRIATE MEASURE(S) AS APPROVED BY THE ENFORCEMENT OFFICER, SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE, SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.

APPROPRIATE EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL INTERIOR DETENTION BASIN SIDE SLOPES BETWEEN THE NORMAL WATER LEVEL AND HIGH WATER LEVEL.

IF INSTALLED SOIL EROSION AND SEDIMENT CONTROL MEASURES DO NO MINIMIZE SEDIMENT LEAVING THE DEVELOPMENT SITE, ADDITIONAL MEASURES SUCH AS ANIONIC POLYMERS OR FILTRATION SYSTEMS MAY BE REQUIRED BY THE ENFORCEMENT OFFICER.

MODEL: s:\MODEL\NAME: FILE: NAME: P:\CADD\Bolingbrook - Roundabout\Phase 2\CAD\_Sheets\Bolingbrook\B&E-ht-erosion1.dgn

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USER NAME = Sta10	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3115011-01	DRAWN - SAE	REVISED -
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

**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

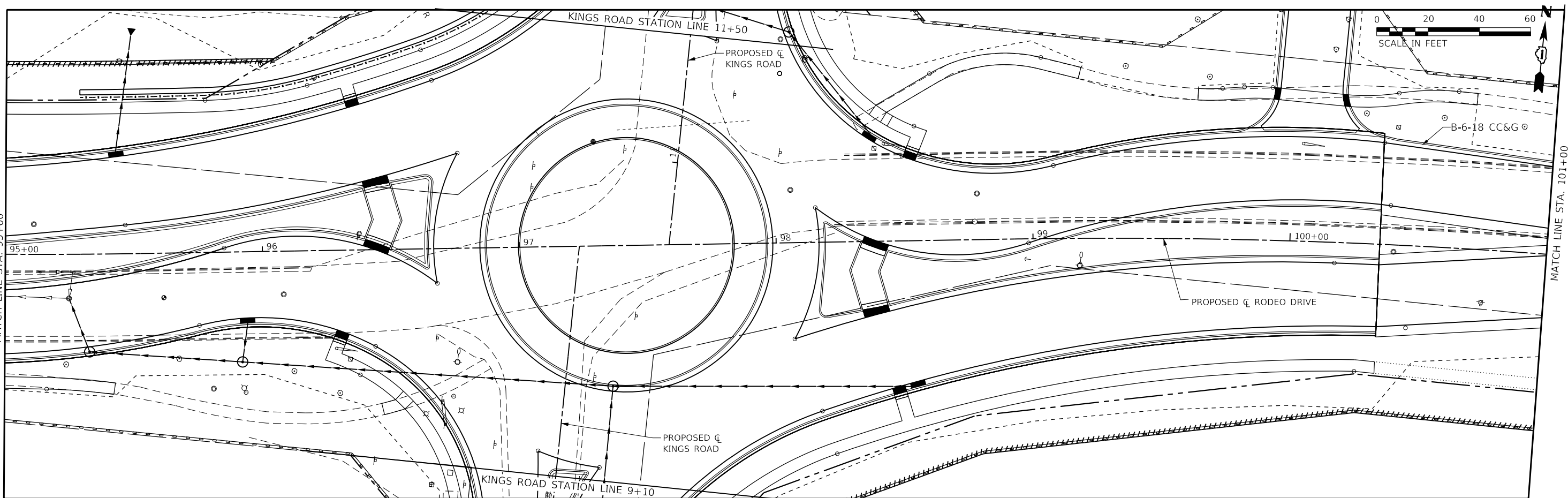
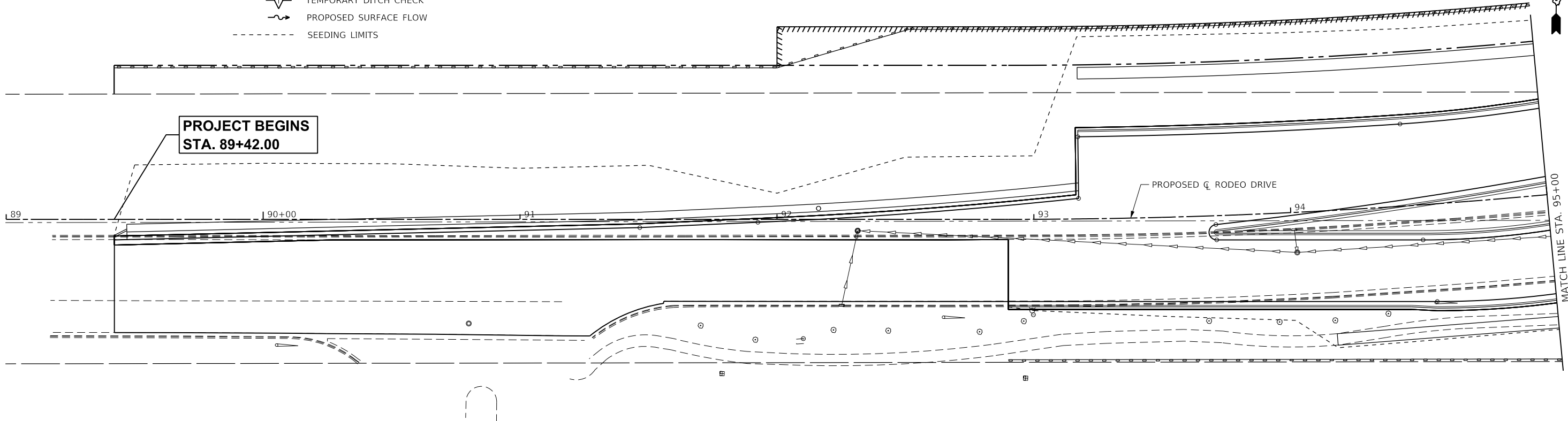
**EROSION AND SEDIMENT CONTROL - GENERAL NOTES**

SCALE: 100.0000 ' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	39
ILLINOIS			CONTRACT NO. 61F64	
ILLINOIS			FED. AID PROJECT	

**LEGEND**

-  PERIMETER EROSION BARRIER
-  TEMPORARY DITCH CHECK
-  PROPOSED SURFACE FLOW
-  SEEDING LIMITS



MODEL: 44002ELN.MXD  
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USER NAME = Sta10  
 TUG PROJECT NO. 3115011-01  
 PLOT SCALE = 40.0000' / in.  
 PLOT DATE = 2/12/2019

DESIGNED - SJF  
 DRAWN - TW  
 CHECKED - SJF  
 DATE -

REVISED -  
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**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**




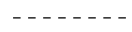
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 EROSION AND SEDIMENT CONTROL**

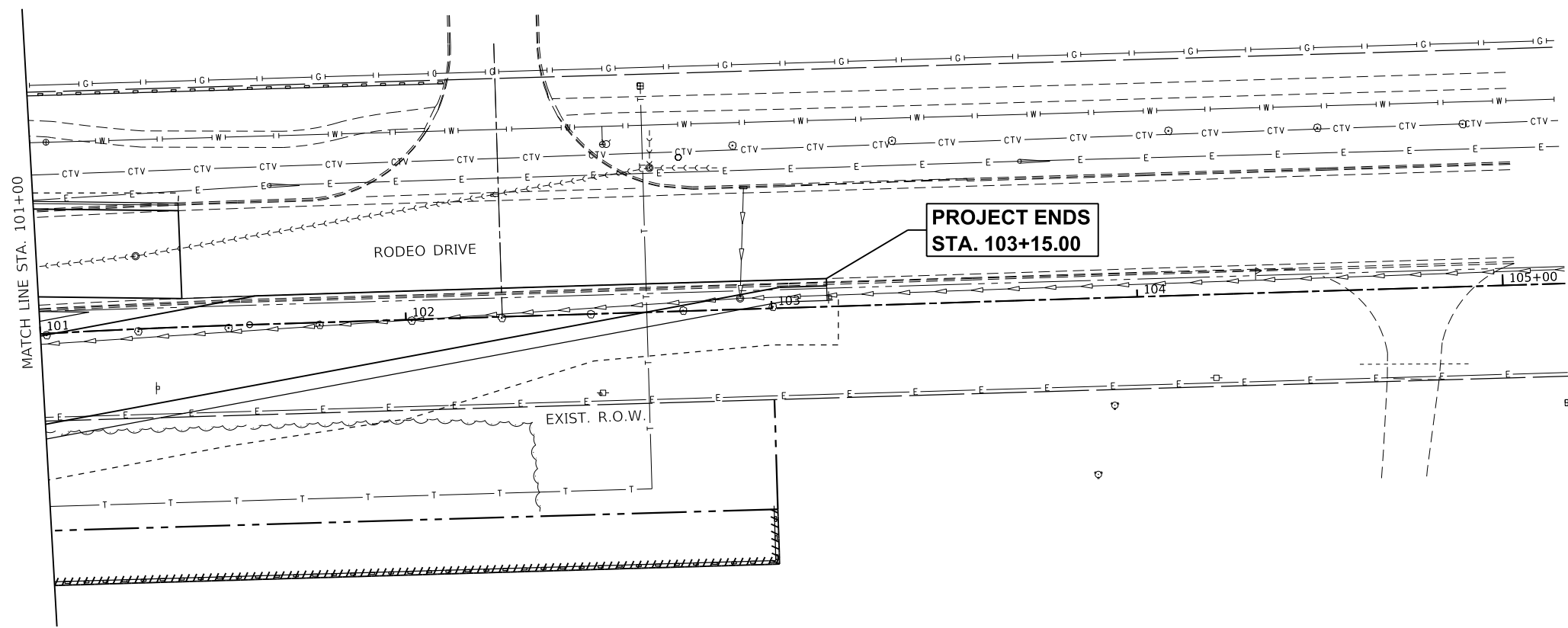
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	40
CONTRACT NO. 61F64				
		ILLINOIS	FED. AID PROJECT	



**LEGEND**

-  PERIMETER EROSION BARRIER
-  TEMPORARY DITCH CHECK
-  PROPOSED SURFACE FLOW
-  SEEDING LIMITS



MODEL: 44002ELN.MXD  
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

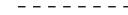
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**VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

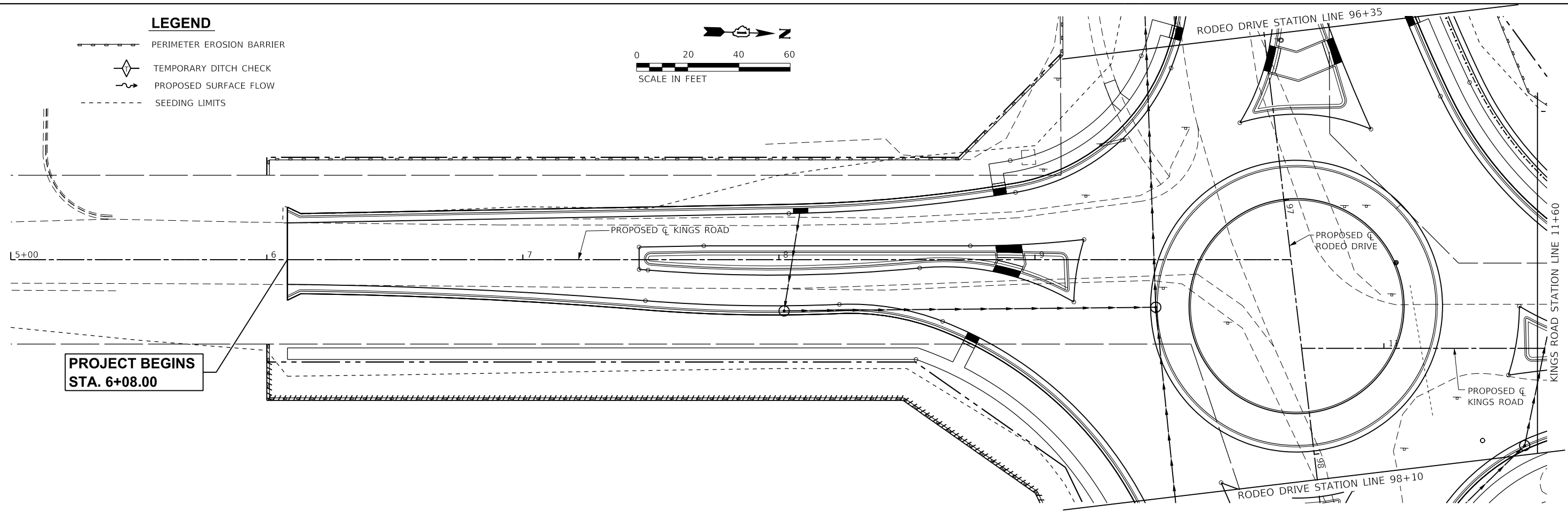
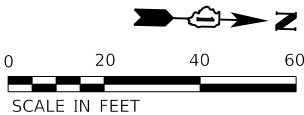
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**EROSION AND SEDIMENT CONTROL**

SCALE: 40.0000 ' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	41
CONTRACT NO. 61F64				
		ILLINOIS	FED. AID PROJECT	

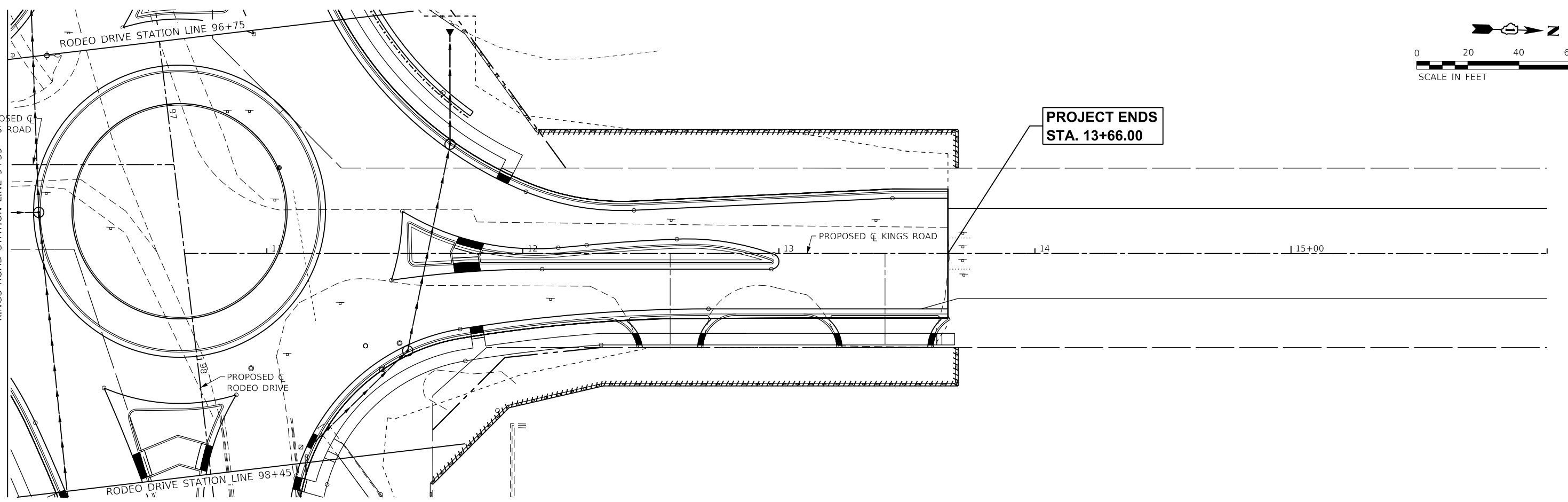
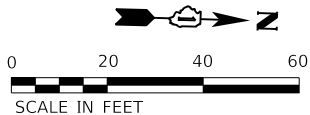
**LEGEND**

-  PERIMETER EROSION BARRIER
-  TEMPORARY DITCH CHECK
-  PROPOSED SURFACE FLOW
-  SEEDING LIMITS



**PROJECT BEGINS  
STA. 6+08.00**

**PROJECT ENDS  
STA. 13+66.00**



MODEL: 44002ELN.MXD  
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USER NAME = Sta10  
 TUG PROJECT NO. 3115011-01  
 PLOT SCALE = 40.0000 ' / in.  
 PLOT DATE = 2/12/2019

DESIGNED - SJF  
 DRAWN - SAE  
 CHECKED - SJF  
 DATE -

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**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**KINGS ROAD  
 EROSION AND SEDIMENT CONTROL PLAN**

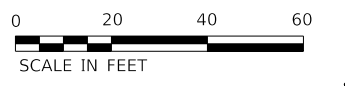
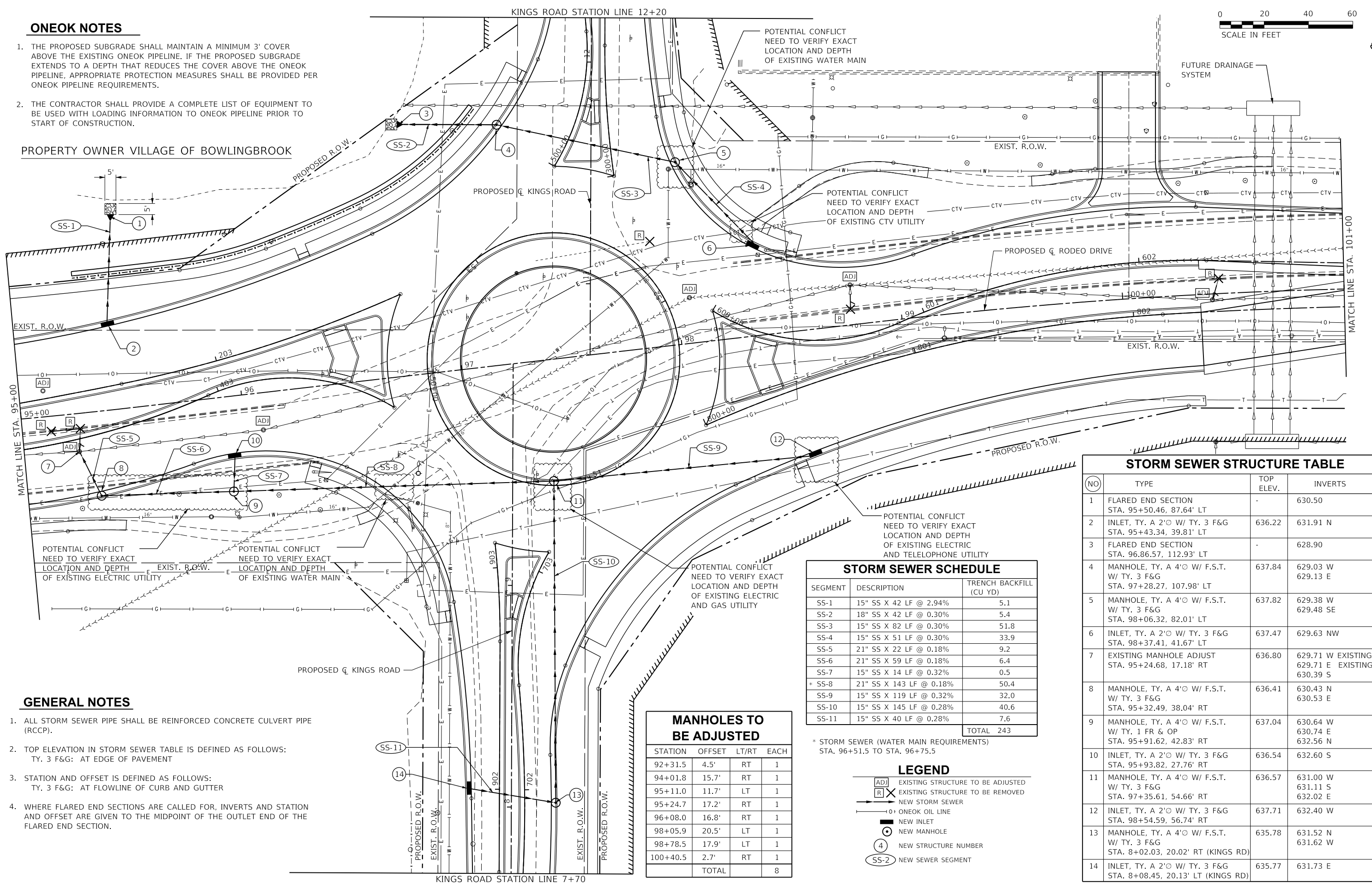
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	42
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				

**ONEOK NOTES**

1. THE PROPOSED SUBGRADE SHALL MAINTAIN A MINIMUM 3' COVER ABOVE THE EXISTING ONEOK PIPELINE. IF THE PROPOSED SUBGRADE EXTENDS TO A DEPTH THAT REDUCES THE COVER ABOVE THE ONEOK PIPELINE, APPROPRIATE PROTECTION MEASURES SHALL BE PROVIDED PER ONEOK PIPELINE REQUIREMENTS.
2. THE CONTRACTOR SHALL PROVIDE A COMPLETE LIST OF EQUIPMENT TO BE USED WITH LOADING INFORMATION TO ONEOK PIPELINE PRIOR TO START OF CONSTRUCTION.

**PROPERTY OWNER VILLAGE OF BOWLINGBROOK**



**GENERAL NOTES**

1. ALL STORM SEWER PIPE SHALL BE REINFORCED CONCRETE CULVERT PIPE (RCCP).
2. TOP ELEVATION IN STORM SEWER TABLE IS DEFINED AS FOLLOWS:  
TY. 3 F&G: AT EDGE OF PAVEMENT
3. STATION AND OFFSET IS DEFINED AS FOLLOWS:  
TY. 3 F&G: AT FLOWLINE OF CURB AND GUTTER
4. WHERE FLARED END SECTIONS ARE CALLED FOR, INVERTS AND STATION AND OFFSET ARE GIVEN TO THE MIDPOINT OF THE OUTLET END OF THE FLARED END SECTION.

**MANHOLES TO BE ADJUSTED**

STATION	OFFSET	LT/RT	EACH
92+31.5	4.5'	RT	1
94+01.8	15.7'	RT	1
95+11.0	11.7'	LT	1
95+24.7	17.2'	RT	1
96+08.0	16.8'	RT	1
98+05.9	20.5'	LT	1
98+78.5	17.9'	LT	1
100+40.5	2.7'	RT	1
TOTAL			8

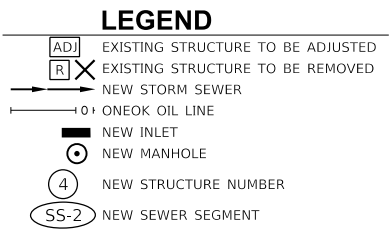
**STORM SEWER SCHEDULE**

SEGMENT	DESCRIPTION	TRENCH BACKFILL (CU YD)
SS-1	15" SS X 42 LF @ 2.94%	5.1
SS-2	18" SS X 42 LF @ 0.30%	5.4
SS-3	15" SS X 82 LF @ 0.30%	51.8
SS-4	15" SS X 51 LF @ 0.30%	33.9
SS-5	21" SS X 22 LF @ 0.18%	9.2
SS-6	21" SS X 59 LF @ 0.18%	6.4
SS-7	15" SS X 14 LF @ 0.32%	0.5
* SS-8	21" SS X 143 LF @ 0.18%	50.4
SS-9	15" SS X 119 LF @ 0.32%	32.0
SS-10	15" SS X 145 LF @ 0.28%	40.6
SS-11	15" SS X 40 LF @ 0.28%	7.6
TOTAL		243

\* STORM SEWER (WATER MAIN REQUIREMENTS)  
STA. 96+51.5 TO STA. 96+75.5

**STORM SEWER STRUCTURE TABLE**

(NO)	TYPE	TOP ELEV.	INVERTS
1	FLARED END SECTION STA. 95+50.46, 87.64' LT	-	630.50
2	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 95+43.34, 39.81' LT	636.22	631.91 N
3	FLARED END SECTION STA. 96.86.57, 112.93' LT	-	628.90
4	MANHOLE, TY. A 4'Ø W/ F.S.T. W/ TY. 3 F&G STA. 97+28.27, 107.98' LT	637.84	629.03 W 629.13 E
5	MANHOLE, TY. A 4'Ø W/ F.S.T. W/ TY. 3 F&G STA. 98+06.32, 82.01' LT	637.82	629.38 W 629.48 SE
6	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 98+37.41, 41.67' LT	637.47	629.63 NW
7	EXISTING MANHOLE ADJUST STA. 95+24.68, 17.18' RT	636.80	629.71 W EXISTING 629.71 E EXISTING 630.39 S
8	MANHOLE, TY. A 4'Ø W/ F.S.T. W/ TY. 3 F&G STA. 95+32.49, 38.04' RT	636.41	630.43 N 630.53 E
9	MANHOLE, TY. A 4'Ø W/ F.S.T. W/ TY. 1 FR & OP STA. 95+91.62, 42.83' RT	637.04	630.64 W 630.74 E 632.56 N
10	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 95+93.82, 27.76' RT	636.54	632.60 S
11	MANHOLE, TY. A 4'Ø W/ F.S.T. W/ TY. 3 F&G STA. 97+35.61, 54.66' RT	636.57	631.00 W 631.11 S 632.02 E
12	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 98+54.59, 56.74' RT	637.71	632.40 W
13	MANHOLE, TY. A 4'Ø W/ F.S.T. W/ TY. 3 F&G STA. 8+02.03, 20.02' RT (KINGS RD)	635.78	631.52 N 631.62 W
14	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 8+08.45, 20.13' LT (KINGS RD)	635.77	631.73 E



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USER NAME = Sta10  
 TUG PROJECT NO. 3115011-01  
 PLOT SCALE = 40.0000' / in.  
 PLOT DATE = 2/12/2019

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 DRAWN - SAE  
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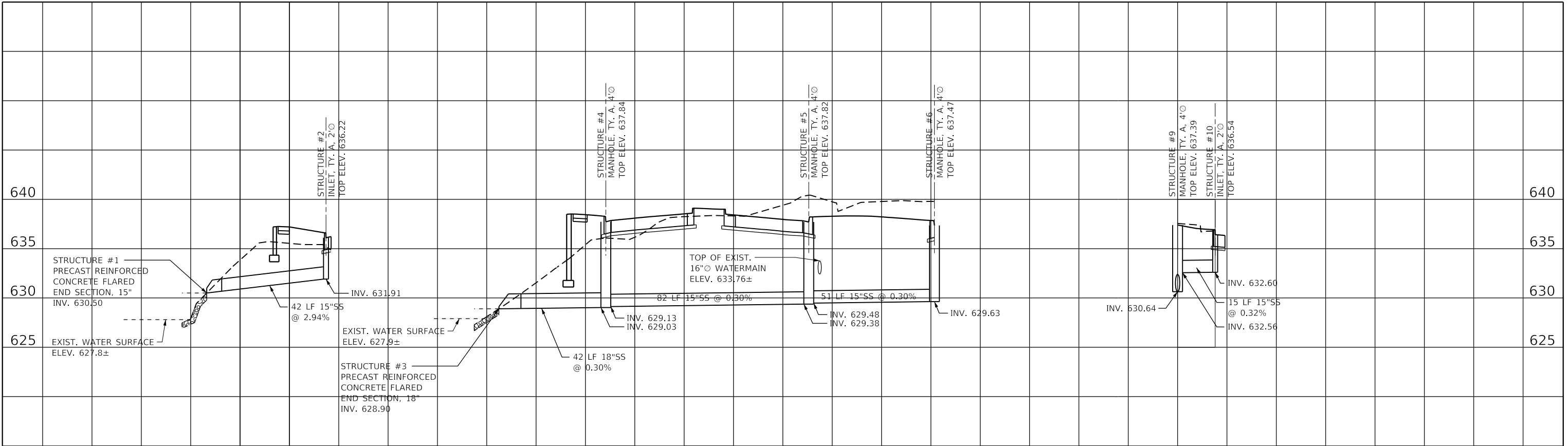
**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**RODEO DRIVE DRAINAGE PLAN**  
 SCALE: 40,000' / in SHEET OF SHEETS STA. TO STA.

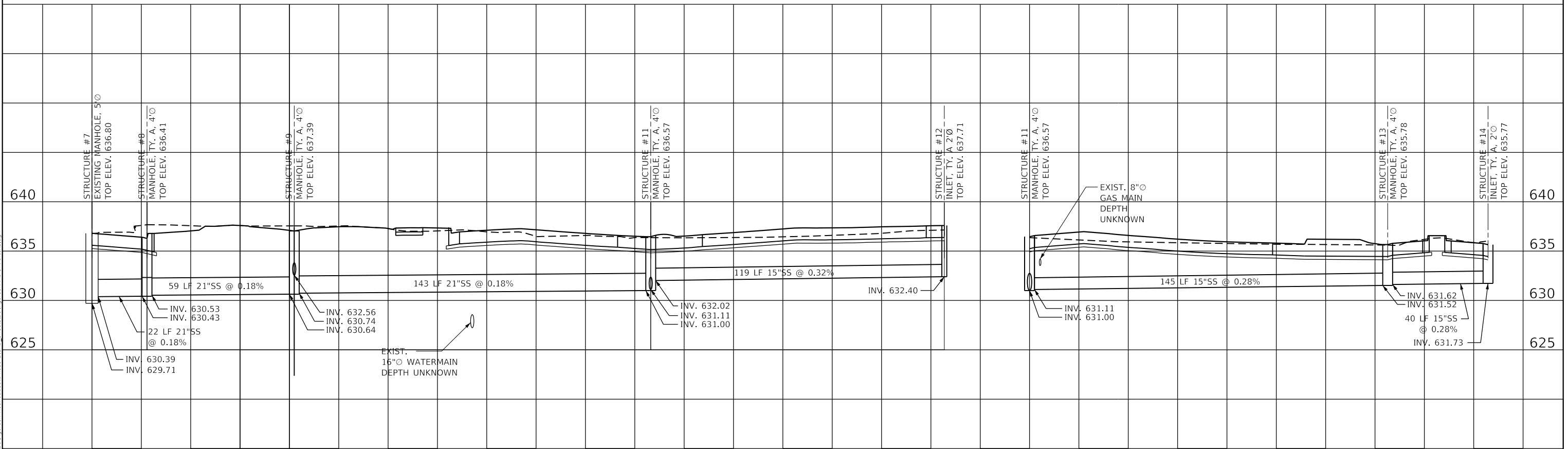
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3767	14-00058-00-CH	WILL	154	43

CONTRACT NO. 61F64  
 ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	



PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	



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 TUG PROJECT NO. 3115011-01  
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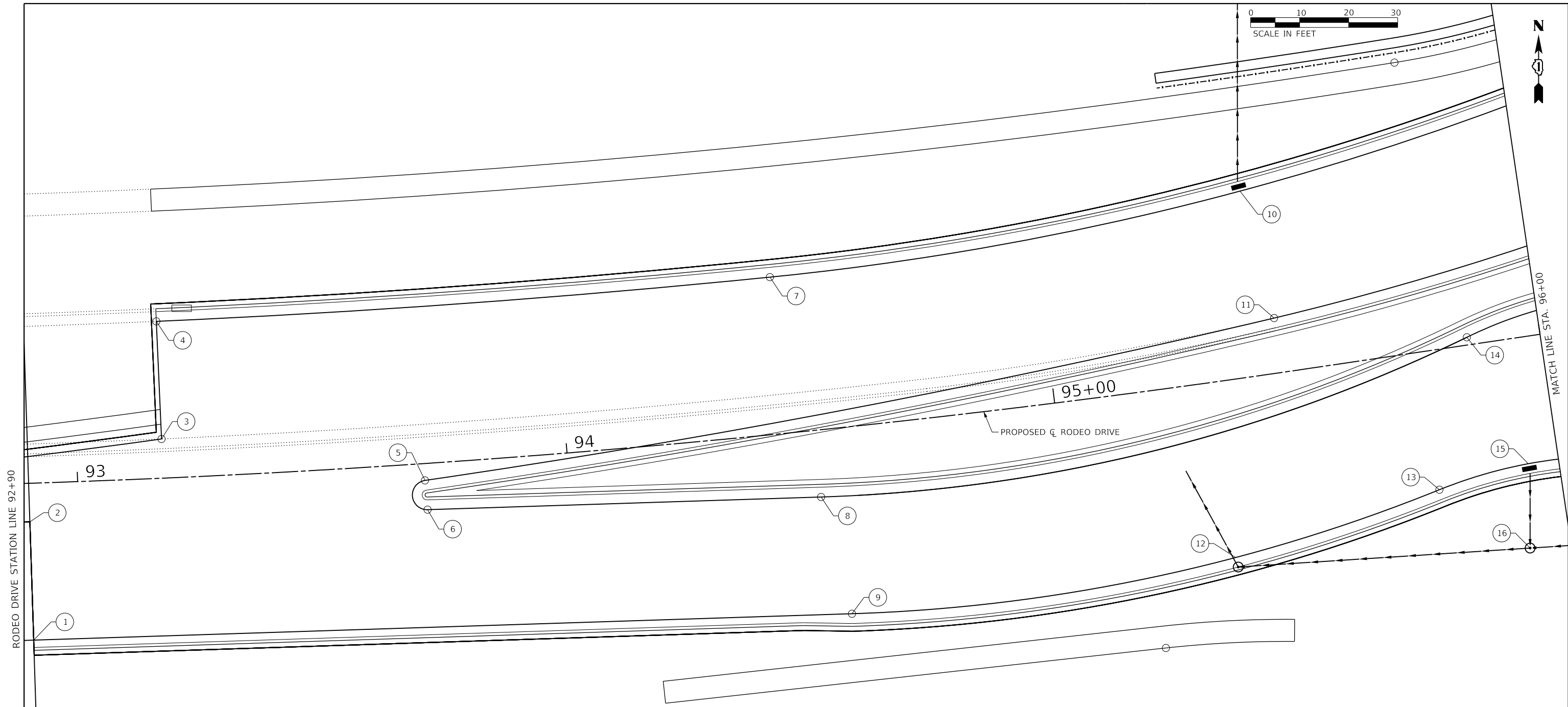
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**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**KINGS ROAD  
 STORM SEWER PROFILES**  
 SCALE: 40.0000' / in SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	44
CONTRACT NO. 61F64				
ILLINOIS		FED. AID PROJECT		





**INTERSECTION GRADING PLAN  
ELEVATION TABLE**

POINT NO.	PROFILE GRADE LINE (PGL)	STATION	OFFSET	ELEV.
1	RODEO DRIVE	92+90.01	32.00' RT	637.65
2	RODEO DRIVE	92+90.01	7.86' RT	638.14
3	RODEO DRIVE	93+17.48	8.00' LT	638.03
4	RODEO DRIVE	93+17.48	32.00' LT	637.55
5	RODEO DRIVE	93+70.72	3.44' RT	637.73
6	RODEO DRIVE	93+70.84	9.43' RT	637.72
7	RODEO DRIVE	94+94.76	32.00' LT	636.62
8	RODEO DRIVE	94+50.65	13.66' RT	637.21
9	RODEO DRIVE	94+57.42	37.99' RT	636.69
10	RODEO DRIVE	95+43.58	37.86' LT	636.22
11	RODEO DRIVE	95+46.79	32.00' LT	636.76
12	RODEO DRIVE	95+32.25	36.05' RT	636.41
13	RODEO DRIVE	95+75.06	28.36' RT	636.51
14	RODEO DRIVE	95+85.14	1.59' LT	637.12
15	RODEO DRIVE	95+93.79	25.77' RT	636.54
16	RODEO DRIVE	95+91.62	42.83' RT	637.04

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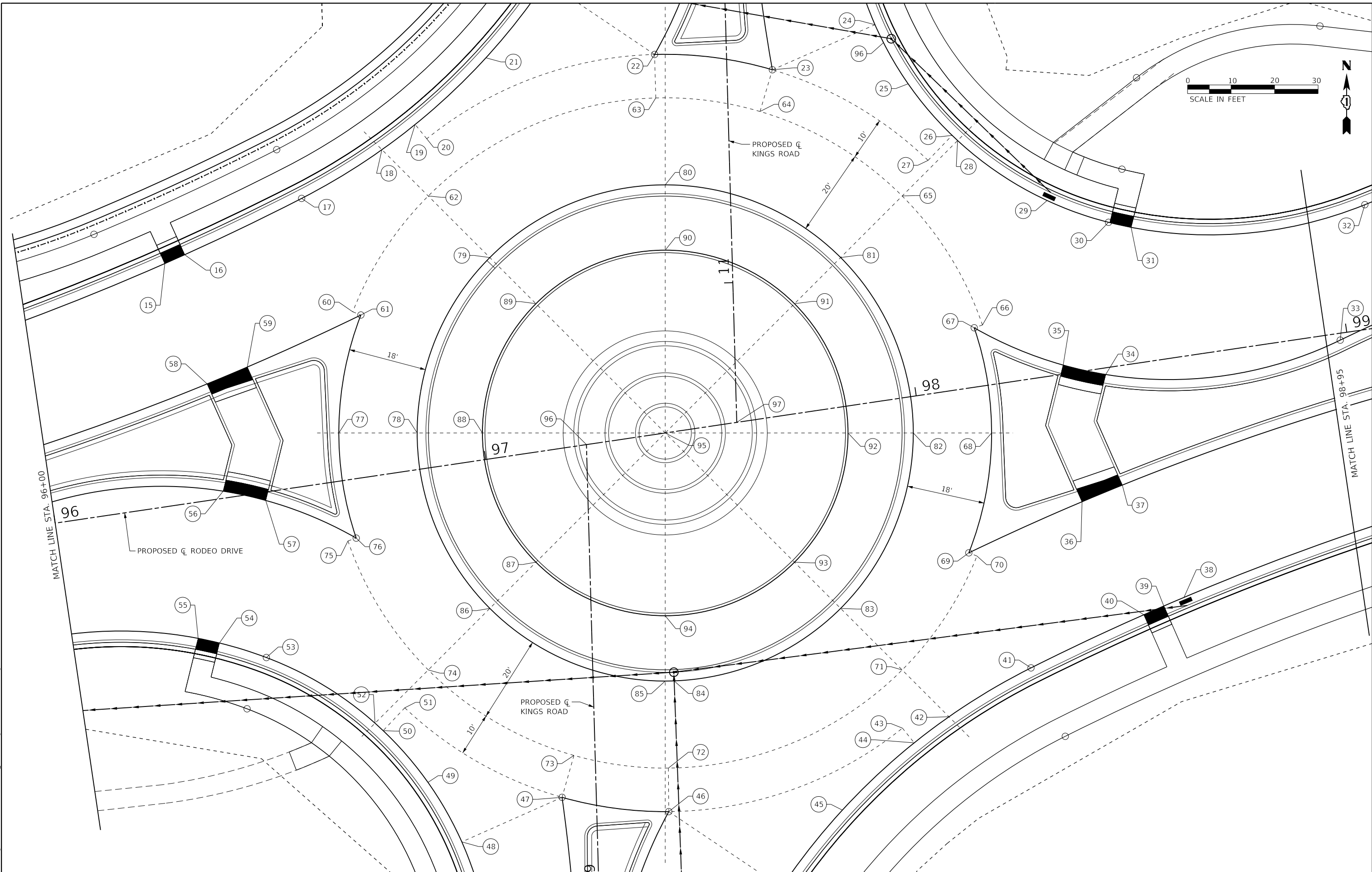
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**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**RODEO DRIVE  
 INTERSECTION ELEVATION PLAN**

SCALE: 20.0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61F64			ILLINOIS FED. AID PROJECT	



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**RODEO DRIVE ROUNDABOUT AT KINGS ROAD**  
**VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

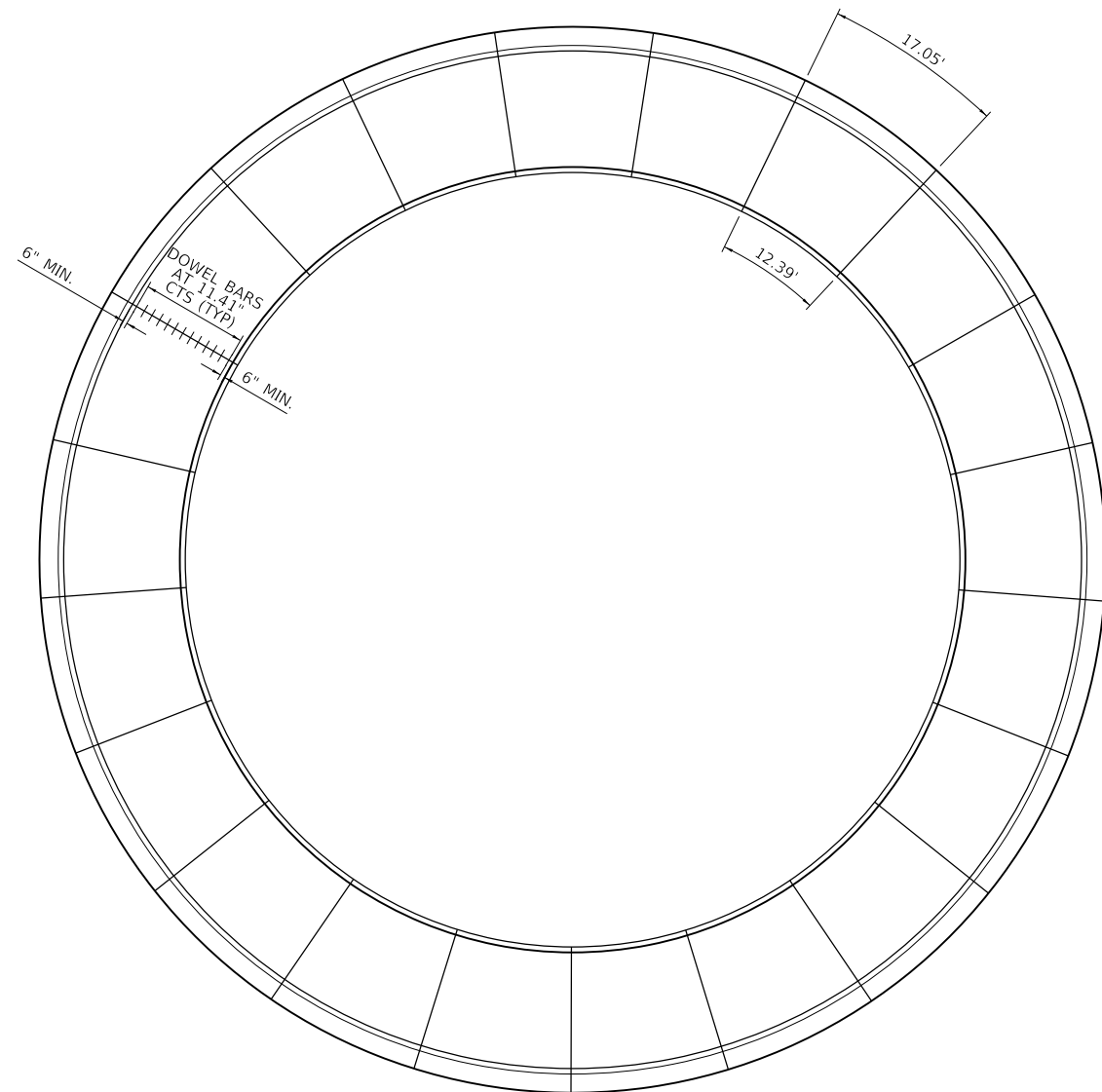
**RODEO DRIVE ROUNDABOUT**  
**INTERSECTION ELEVATION PLAN**

SCALE: 20.0000 ' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	46
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				

INTERSECTION GRADING PLAN ELEVATION TABLE				
POINT NO.	PROFILE GRADE LINE (PGL)	STATION	OFFSET	ELEV.
15	RODEO DRIVE	96+33.64	55.32' LT	636.85
16	RODEO DRIVE	96+38.45	56.67' LT	636.89
17	RODEO DRIVE	96+66.92	65.52' LT	637.43
18	RODEO DRIVE	96+86.83	73.90' LT	637.83
19	RODEO DRIVE	96+95.22	78.52' LT	638.01
20	RODEO DRIVE	96+97.38	74.87' LT	6387.09
21	RODEO DRIVE	97+13.54	91.29' LT	638.06
22	RODEO DRIVE	97+52.00	86.39' LT	638.41
23	RODEO DRIVE	97+78.25	78.95' LT	638.26
24	RODEO DRIVE	98+03.09	85.74' LT	637.84
25	RODEO DRIVE	98+08.64	71.19' LT	637.87
26	RODEO DRIVE	98+16.91	58.00' LT	637.84
27	RODEO DRIVE	98+10.59	53.13' LT	638.00
28	RODEO DRIVE	98+17.98	56.63' LT	637.81
29	RODEO DRIVE	98+36.32	40.00' LT	637.47
30	RODEO DRIVE	98+49.54	32.98' LT	637.92
31	RODEO DRIVE	98+54.51	31.08' LT	637.96
32	RODEO DRIVE	99+08.21	28.42' LT	639.11
33	RODEO DRIVE	98+98.26	1.58' RT	639.35
34	RODEO DRIVE	98+43.79	1.51' RT	638.43
35	RODEO DRIVE	98+34.44	2.06' LT	638.26
36	RODEO DRIVE	98+34.13	29.64' RT	638.03
37	RODEO DRIVE	98+43.84	27.21' RT	638.22
38	RODEO DRIVE	98+54.09	54.80' RT	637.71
39	RODEO DRIVE	98+49.22	56.08' RT	637.61
40	RODEO DRIVE	98+44.39	57.39' RT	637.50
41	RODEO DRIVE	98+16.95	65.68' RT	637.26
42	RODEO DRIVE	97+96.66	74.03' RT	637.04
43	RODEO DRIVE	97+85.70	75.05' RT	637.02
44	RODEO DRIVE	97+87.89	78.79' RT	636.93
45	RODEO DRIVE	97+69.30	91.67' RT	636.52
46	RODEO DRIVE	97+29.79	86.18' RT	636.77
47	RODEO DRIVE	97+06.01	79.34' RT	636.83
48	RODEO DRIVE	96+81.72	86.11' RT	636.25
49	RODEO DRIVE	96+76.03	71.45' RT	636.61
50	RODEO DRIVE	96+67.58	58.18' RT	636.96
51	RODEO DRIVE	96+73.26	53.72' RT	637.10
52	RODEO DRIVE	96+65.98	56.21' RT	636.96
53	RODEO DRIVE	96+43.49	37.64' RT	636.85
54	RODEO DRIVE	96+33.31	32.76' RT	636.75
55	RODEO DRIVE	96+28.63	30.99' RT	636.71
56	RODEO DRIVE	96+39.26	1.62' LT	637.40
57	RODEO DRIVE	96+48.63	1.91' RT	637.45
58	RODEO DRIVE	96+39.22	26.54' LT	637.42
59	RODEO DRIVE	96+48.91	29.02' LT	637.55
60	RODEO DRIVE	96+74.74	38.03' LT	637.99
61	RODEO DRIVE	96+76.48	37.04' LT	637.95
62	RODEO DRIVE	96+95.80	61.82' LT	638.23
63	RODEO DRIVE	97+50.81	76.46' LT	638.54
64	RODEO DRIVE	97+74.05	69.87' LT	638.46

INTERSECTION GRADING PLAN ELEVATION TABLE				
POINT NO.	PROFILE GRADE LINE (PGL)	STATION	OFFSET	ELEV.
65	RODEO DRIVE	98+03.52	45.90' LT	638.18
66	RODEO DRIVE	98+17.43	13.88' LT	637.92
67	RODEO DRIVE	98+15.47	13.52' LT	637.89
68	RODEO DRIVE	98+15.89	10.97' RT	637.69
69	RODEO DRIVE	98+06.68	37.44' RT	637.49
70	RODEO DRIVE	98+08.41	38.44' RT	637.52
71	RODEO DRIVE	97+87.60	61.82' RT	637.28
72	RODEO DRIVE	97+31.16	76.28' RT	636.97
73	RODEO DRIVE	97+10.11	70.22' RT	637.03
74	RODEO DRIVE	96+79.87	45.90' RT	637.32
75	RODEO DRIVE	96+65.96	13.88' RT	637.58
76	RODEO DRIVE	96+67.92	13.52' RT	637.54
77	RODEO DRIVE	96+67.50	10.97' LT	637.74
78	RODEO DRIVE	96+85.31	8.34' LT	637.38
79	RODEO DRIVE	97+07.72	45.77' LT	637.83
80	RODEO DRIVE	97+50.03	56.39' LT	638.13
81	RODEO DRIVE	97+87.46	33.98' LT	637.79
82	RODEO DRIVE	97+98.08	8.34' RT	637.33
83	RODEO DRIVE	97+75.67	45.77' RT	636.88
84	RODEO DRIVE	97+35.32	56.64' RT	636.57
85	RODEO DRIVE	97+33.36	56.39' RT	636.57
86	RODEO DRIVE	96+95.93	33.98' RT	636.92
87	RODEO DRIVE	97+07.97	25.04' RT	637.32
88	RODEO DRIVE	97+00.15	6.14' LT	637.78
89	RODEO DRIVE	97+16.66	33.72' LT	638.23
90	RODEO DRIVE	97+47.84	41.55' LT	638.53
91	RODEO DRIVE	97+75.42	25.04' LT	638.19
92	RODEO DRIVE	97+83.24	6.14' RT	637.73
93	RODEO DRIVE	97+66.73	33.72' RT	637.28
94	RODEO DRIVE	97+35.55	41.55' RT	636.97
95	RODEO DRIVE	97+41.70	0.00' RT	640.72
96	RODEO DRIVE	98+04.42	81.37' LT	637.82



PCC PAVEMENT 8" (SPECIAL)  
SAWING DIAGRAM  
(SEE STANDARD BLR 14-12)

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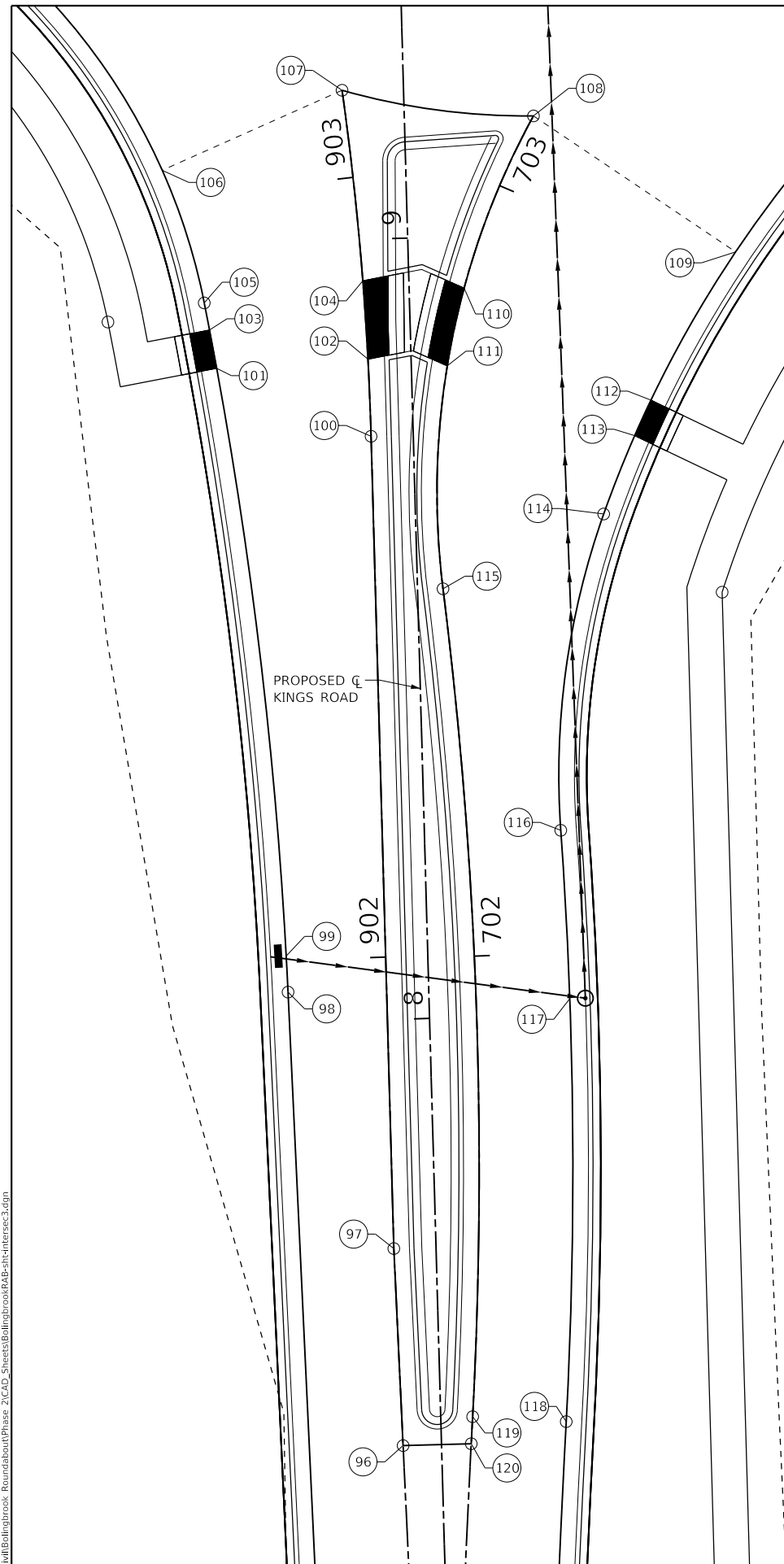
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**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**RODEO DRIVE ROUNDABOUT  
 INTERSECTION GRADING PLAN**

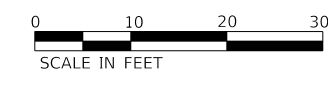
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	47
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				



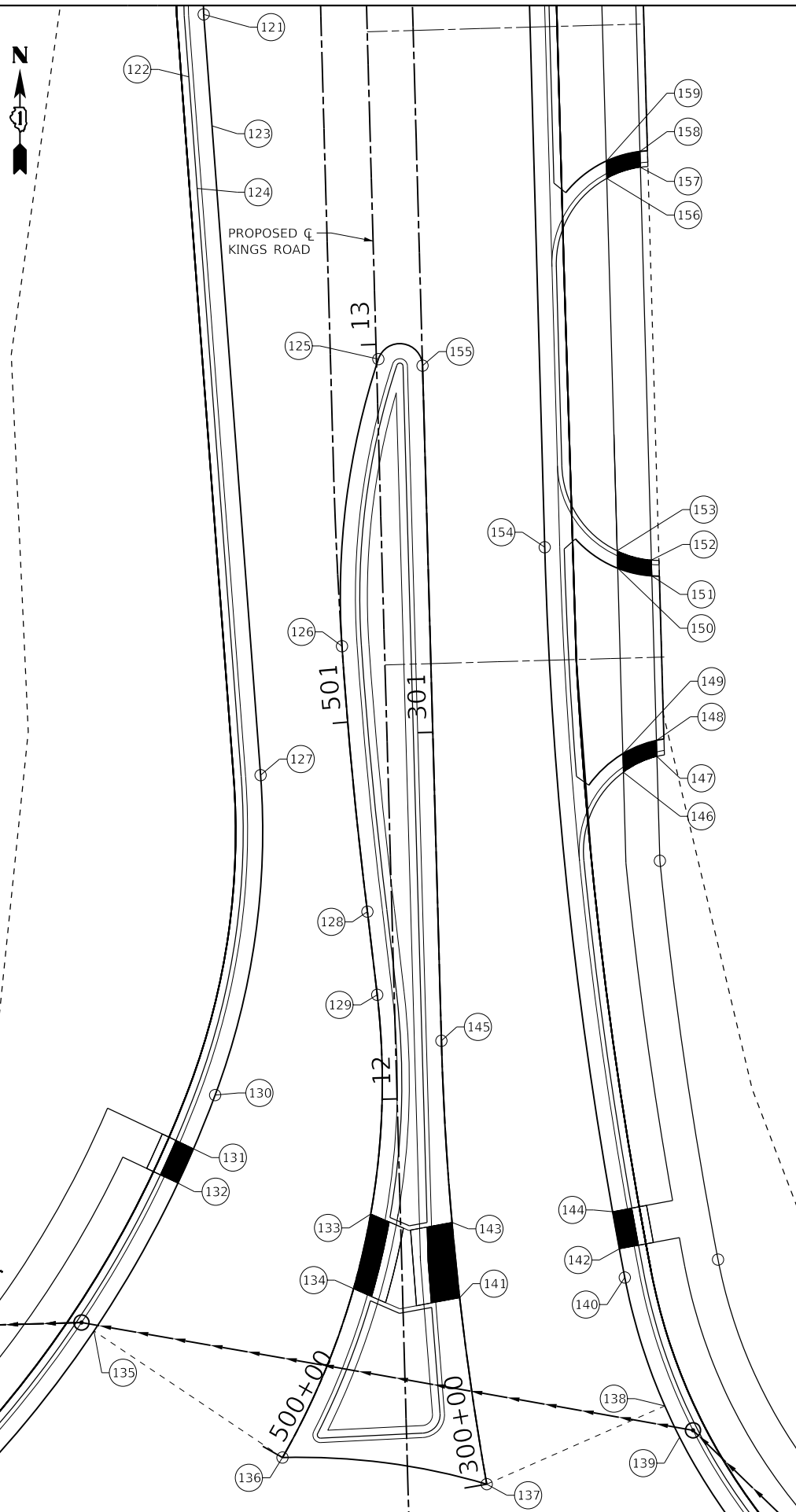
**INTERSECTION GRADING PLAN  
ELEVATION TABLE**

POINT NO.	PROFILE GRADE LINE (PGL)	STATION	OFFSET	ELEV.
96	KINGS RD	7+45.39	4.92' LT	636.16
97	KINGS RD	7+70.65	5.40' LT	636.08
98	KINGS RD	8+03.87	18.02' LT	635.77
99	KINGS RD	8+08.51	18.13' LT	635.77
100	KINGS RD	8+74.74	5.40' LT	636.34
101	KINGS RD	8+84.00	24.92' LT	636.05
102	KINGS RD	8+84.63	5.52' LT	636.43
103	KINGS RD	8+88.94	25.71' LT	636.09
104	KINGS RD	8+94.70	5.89' LT	636.54
105	KINGS RD	8+92.42	26.28' LT	636.12
106	KINGS RD	9+09.56	31.19' LT	636.25
107	KINGS RD	9+19.15	7.87' LT	636.83
108	KINGS RD	9+15.18	16.55' RT	636.77
109	KINGS RD	8+97.05	41.94' RT	636.11
110	KINGS RD	8+93.39	7.04' RT	636.51
111	KINGS RD	8+83.49	4.60' RT	636.41
112	KINGS RD	8+78.37	30.57' RT	635.88
113	KINGS RD	8+73.89	28.36' RT	635.85
114	KINGS RD	8+63.96	24.10' RT	635.82
115	KINGS RD	8+54.96	3.26' RT	636.19
116	KINGS RD	8+23.61	17.48' RT	635.81
117	KINGS RD	8+02.01	18.02' RT	635.78
118	KINGS RD	7+47.88	16.04' RT	635.91
119	KINGS RD	7+48.84	4.08' RT	636.15
120	KINGS RD	7+45.39	3.81' RT	636.16



**INTERSECTION GRADING PLAN  
ELEVATION TABLE**

POINT NO.	PROFILE GRADE LINE (PGL)	STATION	OFFSET	ELEV.
121	KINGS RD	13+44.35	21.58' LT	639.58
122	KINGS RD	13+36.13	23.79' LT	639.44
123	KINGS RD	13+29.55	20.89' LT	639.54
124	KINGS RD	13+21.33	23.09' LT	639.45
125	KINGS RD	12+98.04	0.26' RT	639.82
126	KINGS RD	12+60.16	5.62' LT	639.46
127	KINGS RD	12+43.38	16.87' LT	639.10
128	KINGS RD	12+24.90	3.24' LT	639.18
129	KINGS RD	12+13.85	2.26' LT	639.07
130	KINGS RD	12+01.17	24.08' LT	638.50
131	KINGS RD	11+94.14	27.14' LT	638.35
132	KINGS RD	11+89.65	29.33' LT	638.25
133	KINGS RD	11+84.85	3.92' LT	638.78
134	KINGS RD	11+75.01	6.47' LT	638.67
135	KINGS RD	11+70.38	40.99' RT	637.84
136	KINGS RD	11+52.91	16.51' LT	638.41
137	KINGS RD	11+48.63	10.44' RT	638.26
138	KINGS RD	11+58.32	34.31' RT	637.84
139	KINGS RD	11+70.38	40.99' RT	637.84
140	KINGS RD	11+75.49	29.48' RT	638.12
141	KINGS RD	11+73.43	7.54' RT	638.56
142	KINGS RD	11+79.31	28.87' RT	638.17
143	KINGS RD	11+83.44	6.81' RT	638.68
144	KINGS RD	11+84.25	28.11' RT	638.25
145	KINGS RD	12+07.52	6.08' RT	638.96
146	KINGS RD	12+42.42	31.17' RT	639.82
147	KINGS RD	12+44.39	35.67' RT	639.69
148	KINGS RD	12+46.51	35.67' RT	639.61
149	KINGS RD	12+44.87	31.17' RT	639.37
150	KINGS RD	12+69.47	31.17' RT	639.47
151	KINGS RD	12+68.32	35.67' RT	639.60
152	KINGS RD	12+70.37	35.67' RT	639.60
153	KINGS RD	12+71.77	31.17' RT	639.46
154	KINGS RD	12+72.51	21.58' RT	639.23
155	KINGS RD	12+97.02	6.08' RT	639.69
156	KINGS RD	13+21.13	31.17' RT	639.87
157	KINGS RD	13+22.49	35.67' RT	640.11
158	KINGS RD	13+24.58	35.67' RT	640.08
159	KINGS RD	13+23.43	31.17' RT	639.88



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 TUG PROJECT NO. 3115011-01  
 PLOT SCALE = 20.0000" / in.  
 PLOT DATE = 2/12/2019

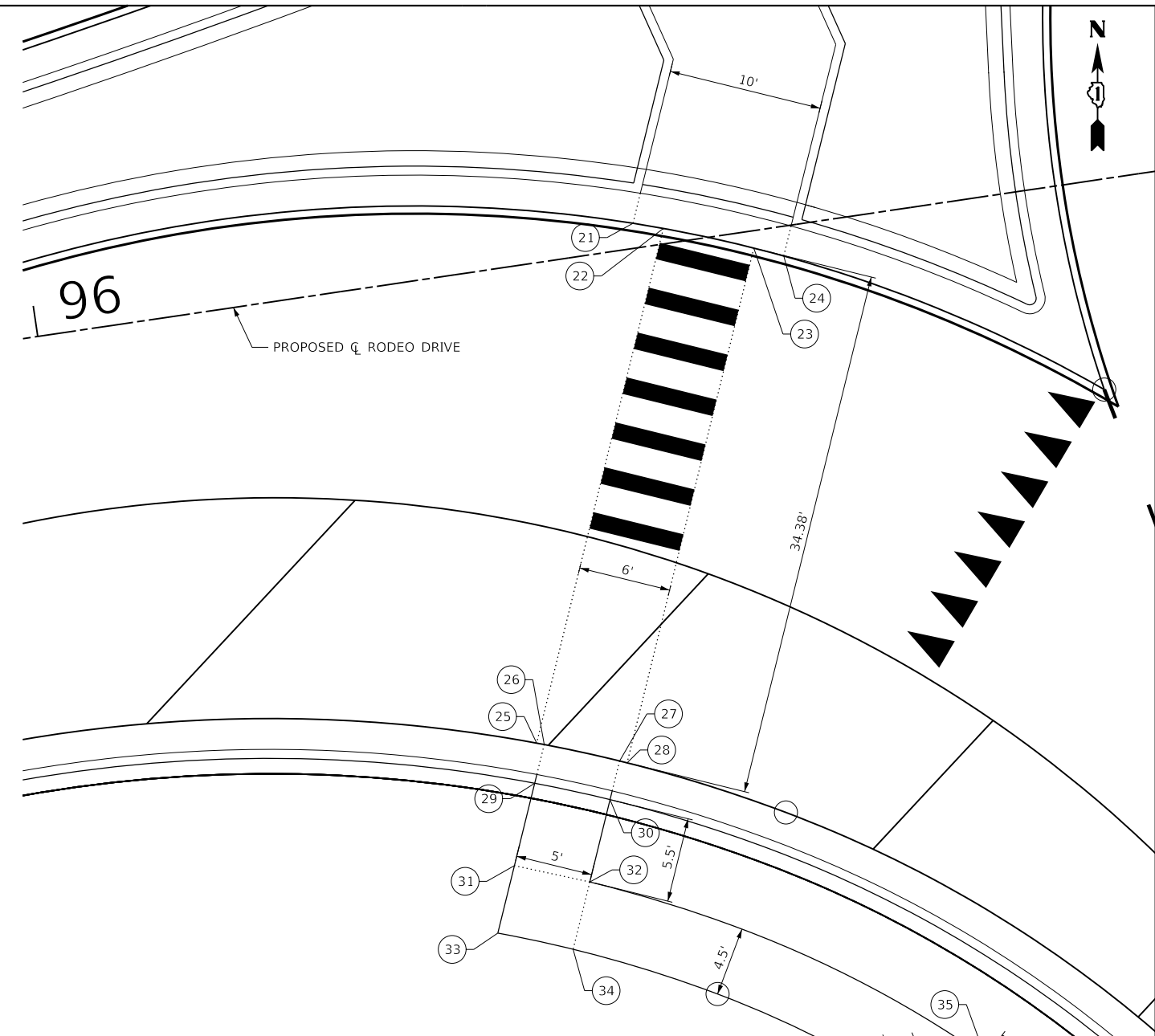
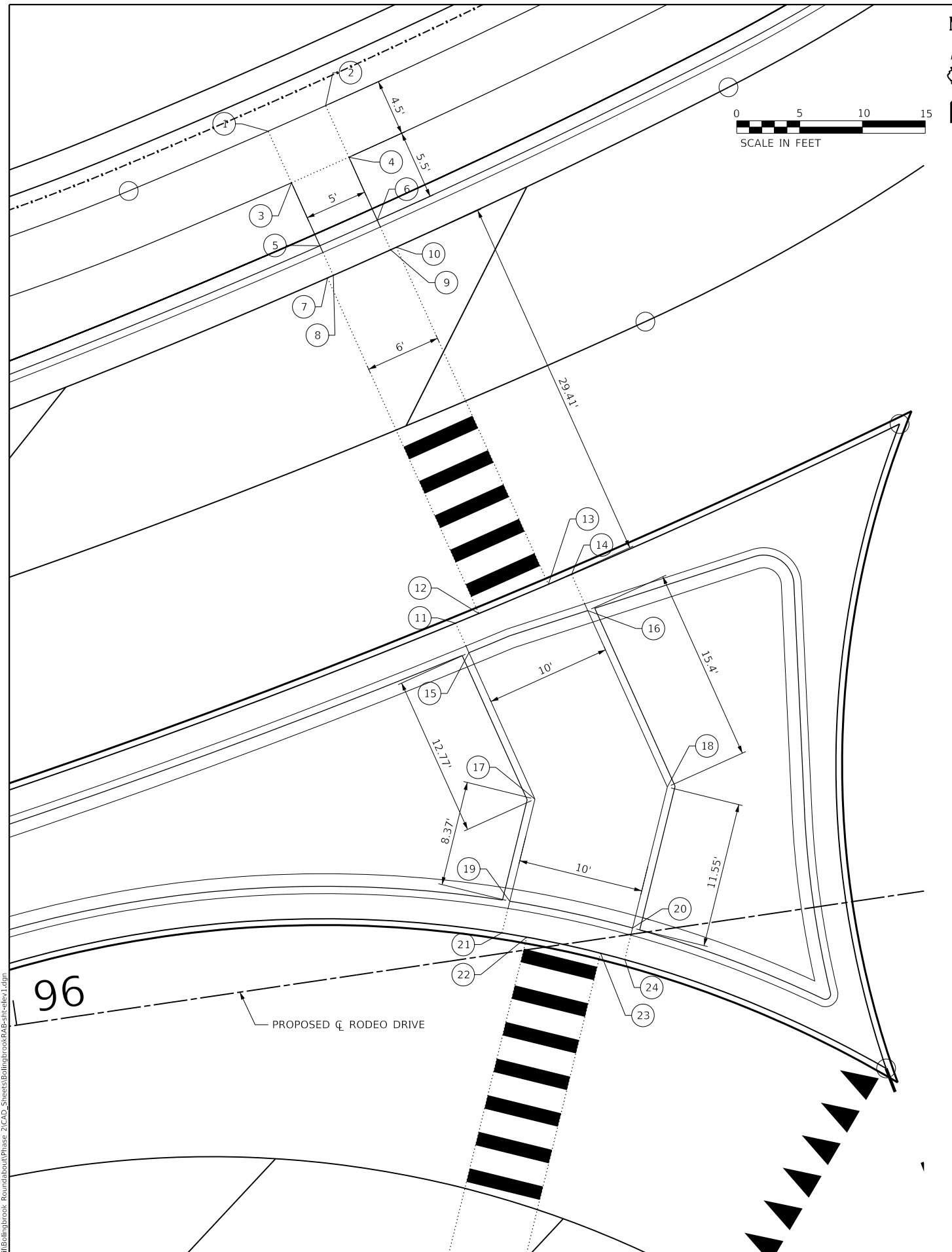
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 DRAWN - SAE  
 CHECKED - SJF  
 DATE -

**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**KINGS ROAD  
 INTERSECTION ELEVATION PLAN**

SCALE: 20.0000" / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	48
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				



SIDEWALK GRADING PLAN ELEVATION TABLE				
POINT NO.	PROFILE GRADE LINE (PGL)	STATION	OFFSET	ELEV.
1	RODEO DRIVE	96+30.23	67.44' LT	637.20
2	RODEO DRIVE	96+35.01	68.77' LT	637.24
3	RODEO DRIVE	96+31.43	63.10' LT	637.16
4	RODEO DRIVE	96+36.24	64.44' LT	637.20
5	RODEO DRIVE	96+32.93	57.81' LT	636.77
6	RODEO DRIVE	96+37.75	59.15' LT	636.81
7	RODEO DRIVE	96+33.15	55.19' LT	636.85
8	RODEO DRIVE	96+33.64	55.32' LT	636.85
9	RODEO DRIVE	96+38.45	56.69' LT	636.89
10	RODEO DRIVE	96+38.93	56.83' LT	636.89
11	RODEO DRIVE	96+39.22	26.54' LT	637.42
12	RODEO DRIVE	96+41.16	27.02' LT	637.44
13	RODEO DRIVE	96+46.97	28.51' LT	637.52
14	RODEO DRIVE	96+48.91	29.02' LT	637.55
15	RODEO DRIVE	96+39.92	24.05' LT	637.46
16	RODEO DRIVE	96+49.77	25.99' LT	637.60
17	RODEO DRIVE	96+43.41	11.76' LT	637.48
18	RODEO DRIVE	96+53.98	11.17' LT	637.61
19	RODEO DRIVE	96+40.25	4.02' LT	637.44
20	RODEO DRIVE	96+49.60	0.48' LT	637.50

SIDEWALK GRADING PLAN ELEVATION TABLE				
POINT NO.	PROFILE GRADE LINE (PGL)	STATION	OFFSET	ELEV.
21	RODEO DRIVE	96+39.26	1.62' LT	637.40
22	RODEO DRIVE	96+41.17	0.99' LT	637.41
23	RODEO DRIVE	96+46.79	1.12' RT	637.44
24	RODEO DRIVE	96+48.63	1.91' RT	637.45
25	RODEO DRIVE	96+28.16	30.82' RT	636.71
26	RODEO DRIVE	96+28.63	30.99' RT	636.71
27	RODEO DRIVE	96+33.31	32.76' RT	636.75
28	RODEO DRIVE	96+33.77	32.95' RT	636.75
29	RODEO DRIVE	96+27.65	33.38' RT	636.63
30	RODEO DRIVE	96+32.33	35.15' RT	636.67
31	RODEO DRIVE	96+25.62	38.34' RT	637.01
32	RODEO DRIVE	96+30.25	40.24' RT	637.06
33	RODEO DRIVE	96+23.86	42.65' RT	637.32
34	RODEO DRIVE	96+28.55	44.40' RT	637.29
35	RODEO DRIVE	96+53.97	55.24' RT	637.44
36	RODEO DRIVE	96+57.80	59.13' RT	637.45
37	RODEO DRIVE	96+50.88	58.51' RT	637.48
38	RODEO DRIVE	96+54.48	62.16' RT	637.49
39	RODEO DRIVE	96+45.51	59.87' RT	637.15
40	RODEO DRIVE	96+46.51	64.25' RT	637.24

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USER NAME = Sta10  
 TUG PROJECT NO. 3115011-01  
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 PLOT DATE = 2/12/2019

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 CHECKED - SJF  
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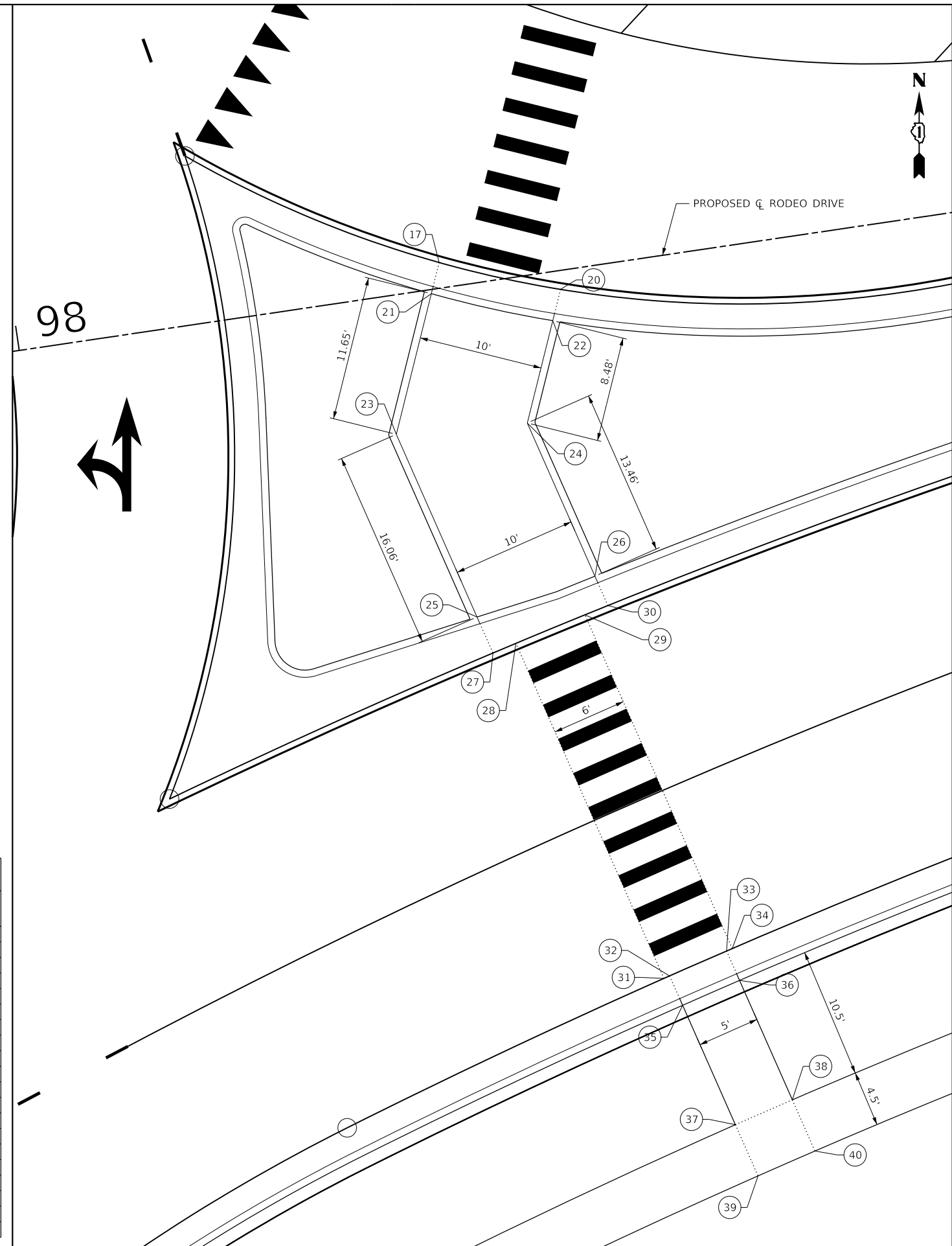
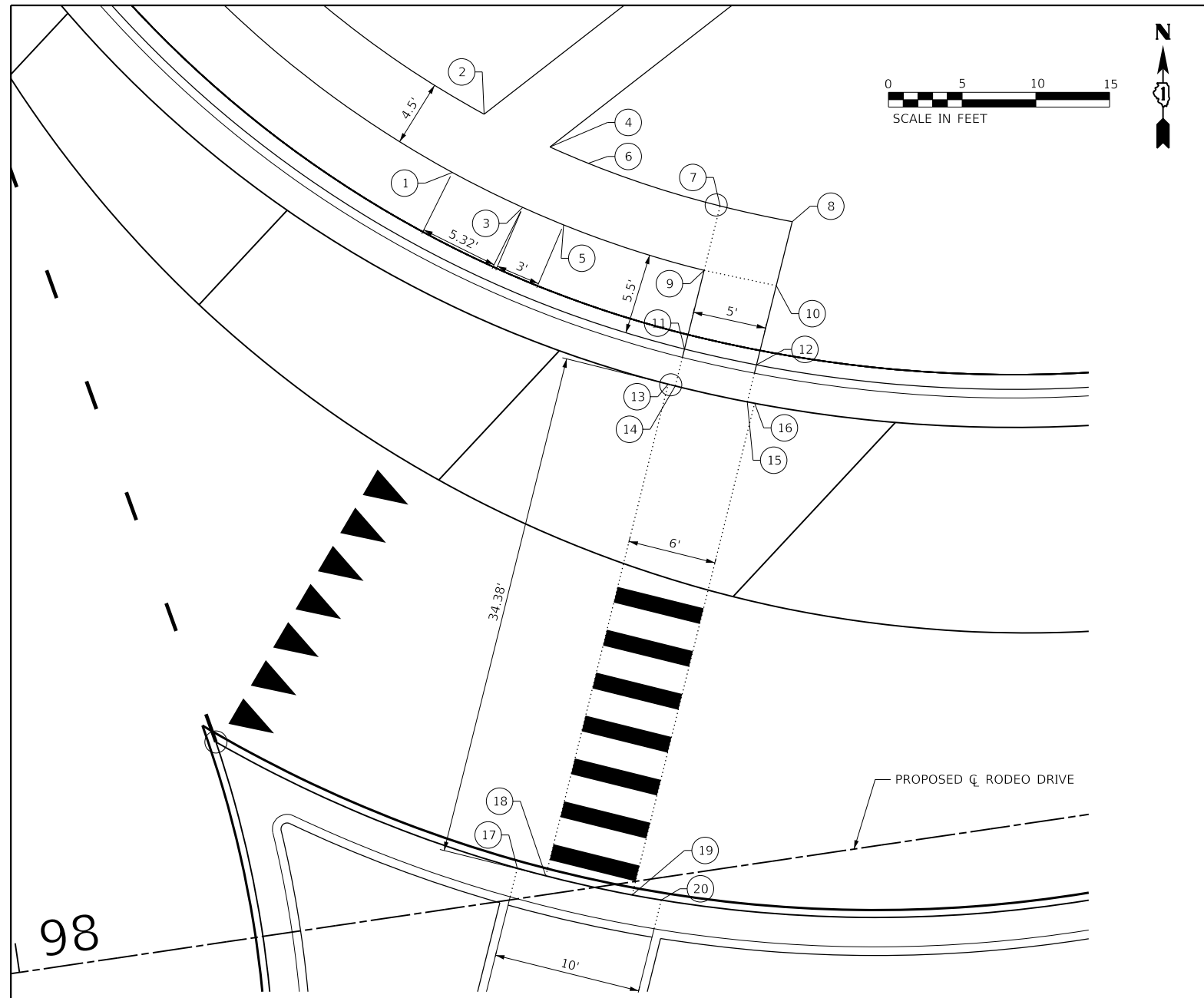
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**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**RODEO DRIVE  
 SIDEWALK ELEVATION PLAN**

SCALE: 10.0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	49
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				



SIDEWALK GRADING PLAN ELEVATION TABLE				
POINT NO.	PROFILE GRADE LINE (PGL)	STATION	OFFSET	ELEV.
1	RODEO DRIVE	98+36.99	49.40' LT	638.00
2	RODEO DRIVE	98+39.68	53.01' LT	638.05
3	RODEO DRIVE	98+41.36	46.36' LT	637.98
4	RODEO DRIVE	98+43.79	50.14' LT	638.03
5	RODEO DRIVE	98+43.93	44.78' LT	638.07
6	RODEO DRIVE	98+46.20	48.67' LT	638.11
7	RODEO DRIVE	98+54.63	44.49' LT	638.27
8	RODEO DRIVE	98+59.31	42.73' LT	638.33
9	RODEO DRIVE	98+52.91	40.33' LT	638.23
10	RODEO DRIVE	98+57.53	38.43' LT	638.29
11	RODEO DRIVE	98+50.82	35.25' LT	637.84
12	RODEO DRIVE	98+55.49	33.47' LT	637.91
13	RODEO DRIVE	98+49.37	33.05' LT	638.29
14	RODEO DRIVE	98+49.83	32.86' LT	637.92
15	RODEO DRIVE	98+54.51	31.08' LT	637.99
16	RODEO DRIVE	98+54.98	30.91' LT	638.00
17	RODEO DRIVE	98+34.44	2.06' LT	638.26
18	RODEO DRIVE	98+36.27	1.26' LT	638.29
19	RODEO DRIVE	98+41.88	0.88' RT	638.39
20	RODEO DRIVE	98+43.79	1.51' RT	638.43

SIDEWALK GRADING PLAN ELEVATION TABLE				
POINT NO.	PROFILE GRADE LINE (PGL)	STATION	OFFSET	ELEV.
21	RODEO DRIVE	98+33.45	0.33' RT	638.29
22	RODEO DRIVE	98+42.80	3.90' RT	638.45
23	RODEO DRIVE	98+29.02	11.11' RT	638.08
24	RODEO DRIVE	98+39.57	11.75' RT	638.32
25	RODEO DRIVE	98+33.29	26.58' RT	638.08
26	RODEO DRIVE	98+43.15	24.72' RT	638.26
27	RODEO DRIVE	98+34.13	29.64' RT	638.03
28	RODEO DRIVE	98+36.07	29.14' RT	638.07
29	RODEO DRIVE	98+41.89	27.68' RT	638.19
30	RODEO DRIVE	98+43.84	27.21' RT	638.22
31	RODEO DRIVE	98+43.91	57.53' RT	637.50
32	RODEO DRIVE	98+44.39	57.39' RT	637.50
33	RODEO DRIVE	98+49.22	56.08' RT	637.61
34	RODEO DRIVE	98+49.70	55.95' RT	637.62
35	RODEO DRIVE	98+45.08	59.88' RT	637.43
36	RODEO DRIVE	98+49.91	58.57' RT	637.53
37	RODEO DRIVE	98+47.88	70.00' RT	637.80
38	RODEO DRIVE	98+52.70	68.69' RT	637.90
39	RODEO DRIVE	98+49.08	74.34' RT	637.84
40	RODEO DRIVE	98+53.86	73.04' RT	637.94

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USER NAME = Sta10	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3115011-01	DRAWN - SAE	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 2/12/2019	DATE -	REVISED -

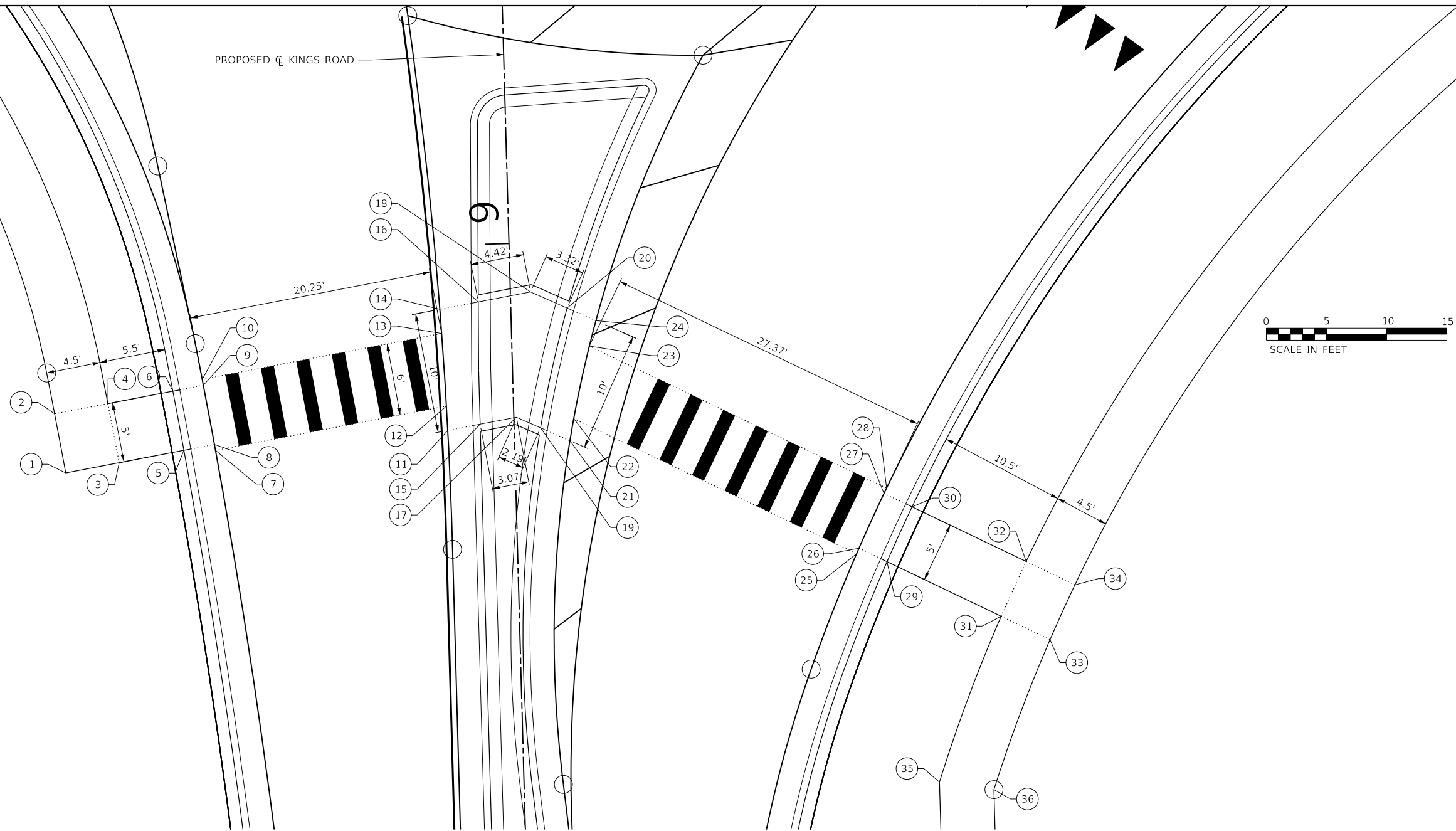
**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**RODEO DRIVE  
 SIDEWALK ELEVATION PLAN**

SCALE: 10.0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 3767	SECTION 14-00058-00-CH	COUNTY WILL	TOTAL SHEETS 154	SHEET NO. 50
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				

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POINT NO.	PROFILE GRADE LINE (PGL)	STATION	OFFSET	ELEV.
1	KINGS ROAD	8+81.98	37.34' LT	636.39
2	KINGS ROAD	8+86.92	38.13' LT	636.44
3	KINGS ROAD	8+82.71	32.88' LT	636.35
4	KINGS ROAD	8+87.64	33.68' LT	636.39
5	KINGS ROAD	8+83.59	27.47' LT	635.97
6	KINGS ROAD	8+88.53	28.25' LT	636.01
7	KINGS ROAD	8+83.51	24.85' LT	636.04
8	KINGS ROAD	8+84.00	24.92' LT	636.05
9	KINGS ROAD	8+88.94	25.71' LT	636.09
10	KINGS ROAD	8+89.43	25.79' LT	636.09
11	KINGS ROAD	8+84.63	5.52' LT	636.43
12	KINGS ROAD	8+86.64	5.57' LT	636.45
13	KINGS ROAD	8+92.69	5.80' LT	636.52
14	KINGS ROAD	8+94.70	5.89' LT	636.54
15	KINGS ROAD	8+85.07	2.81' LT	636.48
16	KINGS ROAD	8+95.22	2.68' LT	636.59
17	KINGS ROAD	8+85.56	0.22' RT	636.47
18	KINGS ROAD	8+95.93	1.68' RT	636.59

POINT NO.	PROFILE GRADE LINE (PGL)	STATION	OFFSET	ELEV.
19	KINGS ROAD	8+84.62	2.19' RT	636.46
20	KINGS ROAD	8+94.51	4.68' RT	636.56
21	KINGS ROAD	8+83.49	4.60' RT	636.41
22	KINGS ROAD	8+85.32	4.97' RT	636.43
23	KINGS ROAD	8+91.31	6.44' RT	636.49
24	KINGS ROAD	8+93.39	7.04' RT	636.51
25	KINGS ROAD	8+73.43	28.14' RT	635.85
26	KINGS ROAD	8+73.89	28.36' RT	635.85
27	KINGS ROAD	8+78.37	30.57' RT	635.88
28	KINGS ROAD	8+78.82	30.79' RT	635.88
29	KINGS ROAD	8+72.71	30.66' RT	635.77
30	KINGS ROAD	8+77.19	32.86' RT	635.80
31	KINGS ROAD	8+67.91	40.00' RT	636.14
32	KINGS ROAD	8+72.40	42.21' RT	636.17
33	KINGS ROAD	8+66.00	44.08' RT	636.19
34	KINGS ROAD	8+70.35	46.21' RT	636.21
35	KINGS ROAD	8+54.28	34.50' RT	636.41
36	KINGS ROAD	8+53.53	39.00' RT	636.46

**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**KINGS ROAD  
SIDEWALK ELEVATION PLAN**

SCALE: 10.0000' / in SHEET OF SHEETS STA. TO STA.

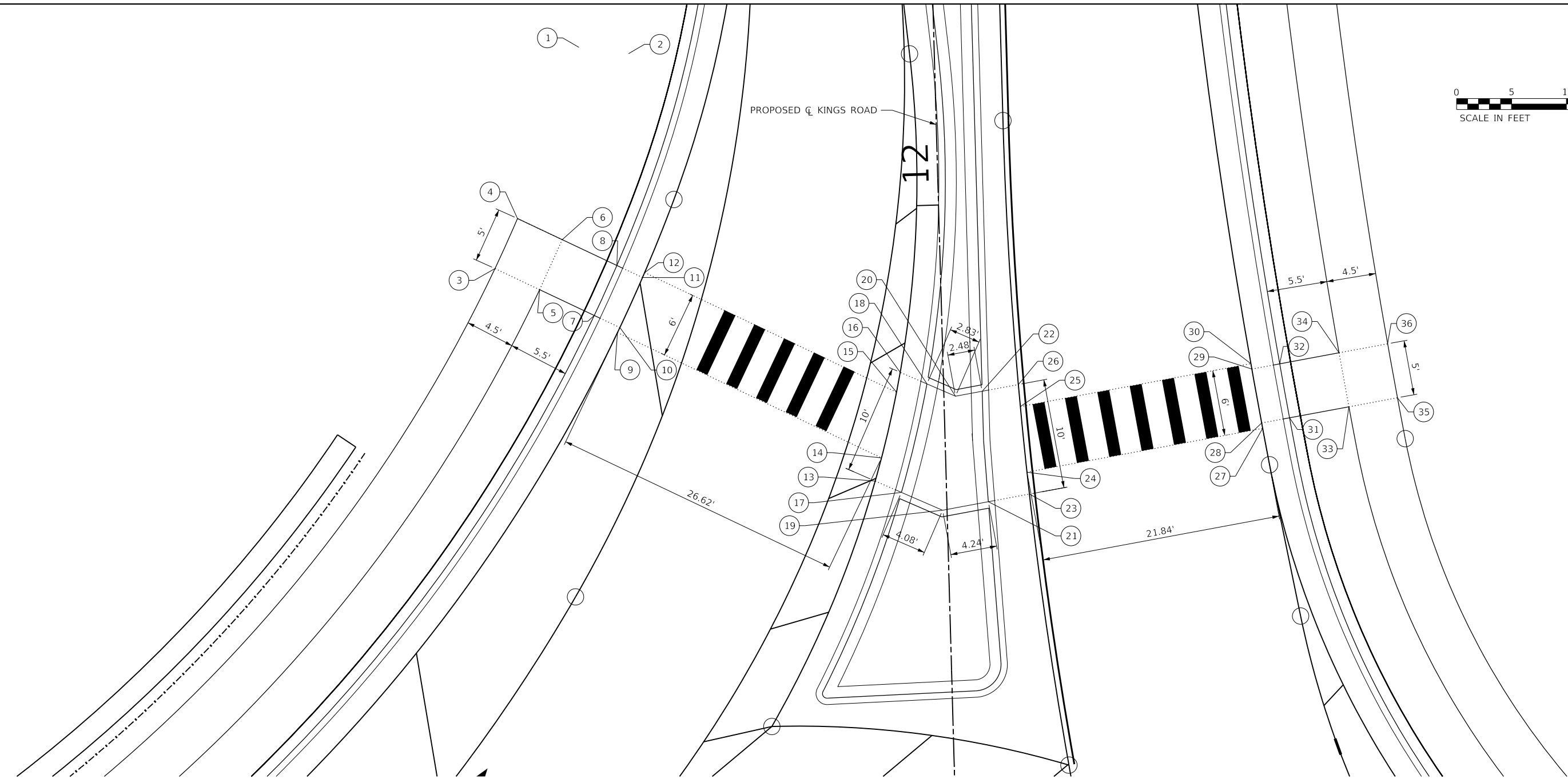
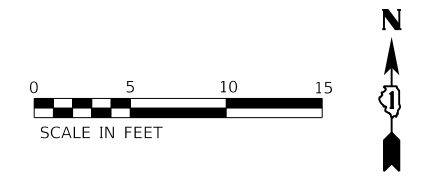
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	51
CONTRACT NO. 61F64				

ILLINOIS FED. AID PROJECT

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TUG PROJECT NO. 3115011-01	DRAWN - SAE	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 2/12/2019	DATE -	REVISED -

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POINT NO.	PROFILE GRADE LINE (PGL)	STATION	OFFSET	ELEV.
1	KINGS ROAD	12+15.28	32.33' LT	639.26
2	KINGS ROAD	12+14.58	27.83' LT	639.20
3	KINGS ROAD	11+95.34	40.55' LT	638.45
4	KINGS ROAD	11+99.84	38.37' LT	638.64
5	KINGS ROAD	11+93.30	36.54' LT	638.54
6	KINGS ROAD	11+97.80	34.35' LT	638.59
7	KINGS ROAD	11+90.81	31.63' LT	638.16
8	KINGS ROAD	11+95.31	29.44' LT	638.26
9	KINGS ROAD	11+89.19	29.56' LT	638.24
10	KINGS ROAD	11+89.65	29.33' LT	638.25
11	KINGS ROAD	11+94.14	27.14' LT	638.35
12	KINGS ROAD	11+94.59	26.93' LT	638.36
13	KINGS ROAD	11+75.01	6.47' LT	638.67
14	KINGS ROAD	11+77.10	5.84' LT	638.69
15	KINGS ROAD	11+83.05	4.30' LT	638.76
16	KINGS ROAD	11+84.85	3.92' LT	638.78
17	KINGS ROAD	11+73.91	4.11' LT	638.70
18	KINGS ROAD	11+83.73	1.51' LT	638.80

POINT NO.	PROFILE GRADE LINE (PGL)	STATION	OFFSET	ELEV.
19	KINGS ROAD	11+72.18	0.41' LT	638.67
20	KINGS ROAD	11+82.53	1.05' RT	638.76
21	KINGS ROAD	11+72.84	3.78' RT	638.62
22	KINGS ROAD	11+82.92	3.50' RT	638.74
23	KINGS ROAD	11+73.43	7.54' RT	638.56
24	KINGS ROAD	11+75.43	7.37' RT	638.58
25	KINGS ROAD	11+81.43	6.94' RT	638.65
26	KINGS ROAD	11+83.44	6.81' RT	638.68
27	KINGS ROAD	11+78.82	28.94' RT	638.17
28	KINGS ROAD	11+79.31	28.87' RT	638.17
29	KINGS ROAD	11+84.25	28.11' RT	638.25
30	KINGS ROAD	11+84.75	28.04' RT	638.25
31	KINGS ROAD	11+79.71	31.42' RT	638.09
32	KINGS ROAD	11+84.66	30.66' RT	638.16
33	KINGS ROAD	11+80.57	36.85' RT	638.48
34	KINGS ROAD	11+85.51	36.10' RT	638.53
35	KINGS ROAD	11+81.27	41.30' RT	638.52
36	KINGS ROAD	11+86.21	40.54' RT	638.58

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PLOT DATE = 2/12/2019	DATE -	REVISED -

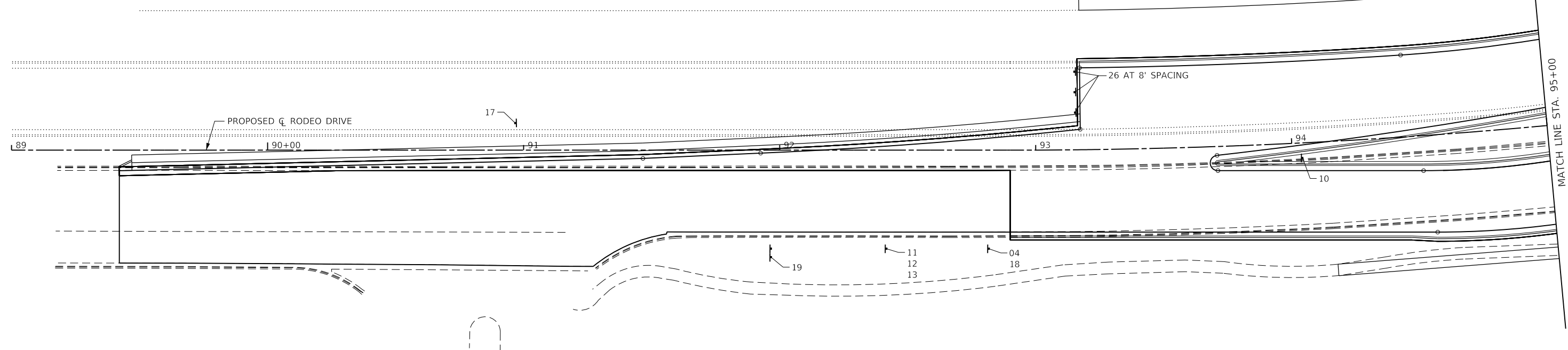
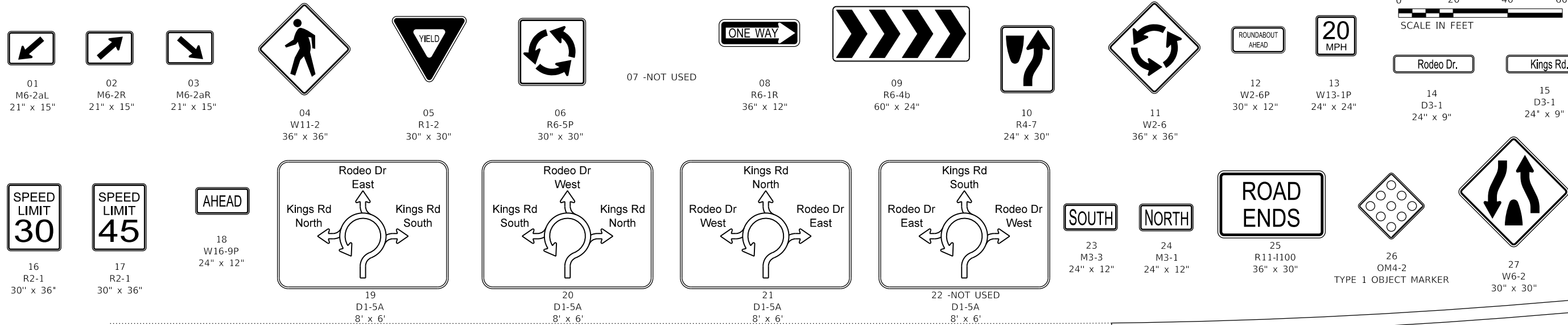
**RODEO DRIVE ROUNDABOUT AT KINGS ROAD**  
**VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**KINGS ROAD**  
**SIDEWALK ELEVATION PLAN**

SCALE: 10.0000 ' / in SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	52
CONTRACT NO. 61F64				
ILLINOIS		FED. AID PROJECT		





RODEO DRIVE							
STATION	OFFSET	SIGN NO.	SIZE (INxIN)	SIGN TYPE	AREA (SF)	POLE LENGTH (FT)	POLE TYPE
90+96.70	7.69' LT	17	30x36	1	7.50	17	1 TS
91+96.70	40.06' RT	19	8FTx6FT	3	48.00	31	W10X22
		11	36x36	1	9.00	39	2 TS
92+41.70	38.50' RT	12	30x12	1	2.50		
		13	24x24	1	4.00		
		04	36x36	1	9.00		
92+81.70	38.50' RT	18	21x15	1	2.19	15	1 TS
		26	18x18	1	2.25		
93+18.47	14.50' LT	26	18x18	1	2.25	18	1 TS
	22.50' LT	26	18x18	1	2.25	19	1 TS
	30.50' LT	26	18x18	1	2.25	19	1 TS
94+03.97	5.84' RT	10	24x30	1	5.00	15	1 TS

**LEGEND**

- † PROPOSED SIGN ON METAL POSTS
- ‡ EXISTING SIGN ON WOOD OR METAL POSTS
- XX SIGN NUMBER
- REM SIGN TO BE REMOVED
- REM & RL REMOVE & RELOCATE SIGN PANEL (SPECIAL)
- REM (SPL) REMOVE SIGN (SPECIAL)

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**The Upchurch Group**  
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 Professional Design Firm Corporation  
 123 North 15th Street  
 Maitland, IL 61138  
 Phone: 217.255.5177  
 License No. 184-003401  
 e-mail: upchurchgroup@upchurchgroup.com

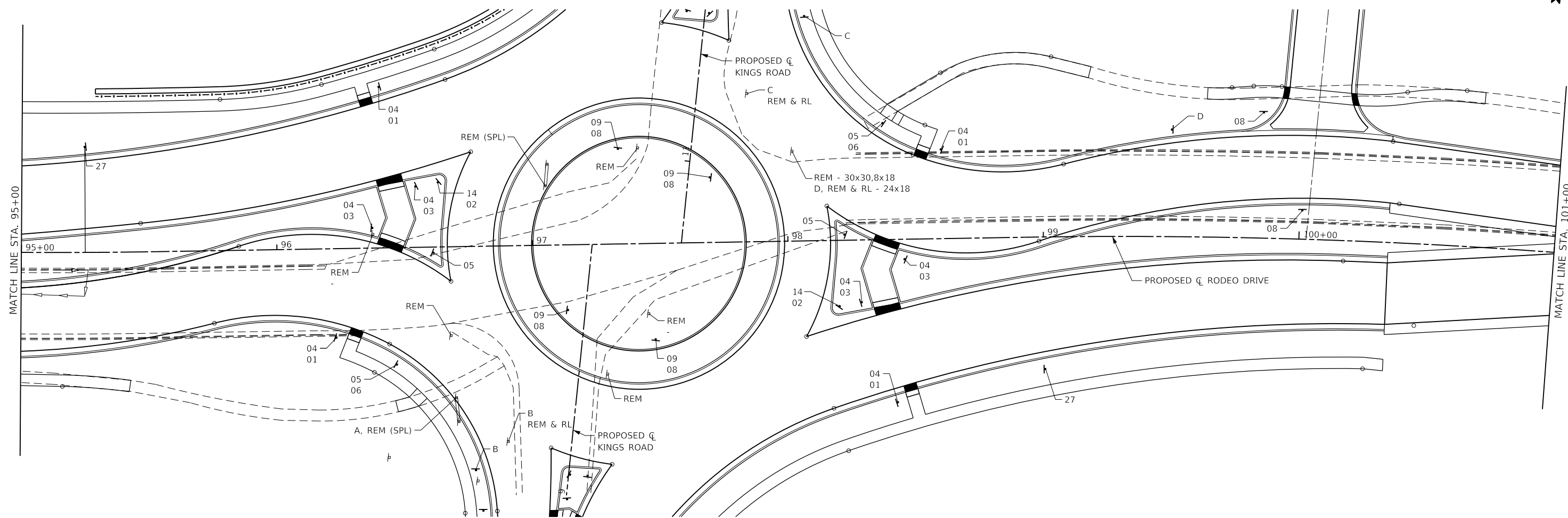
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TUG PROJECT NO. 3115011-01	DRAWN - SAE	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 2/12/2019	DATE -	REVISED -

**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**RODEO DRIVE SIGNAGE PLAN**

SCALE: 40,0000' / in SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	53
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				



RODEO DRIVE							
STATION	OFFSET	SIGN NO.	SIZE (INxIN)	SIGN TYPE	AREA (SF)	POLE LENGTH (FT)	POLE TYPE
95+25	41.30' LT	27	30x30	1	6.25	17	1 TS
96+22.72	39.86' RT	04	36x36	1	9.00	34	2 TS
		01	21x15	1	2.19		
96+37.50	7.87' LT	04	36x36	1	9.00	35	2 TS
		03	21x15	1	2.19		
96+40.79	63.06' LT	04	36x36	1	9.00	35	2 TS
		01	21x15	1	2.19		
96+46.24	45.77' RT	05	30x30	1	6.25	18	1 TS
		06	30x30	1	6.25		
96+54.54	23.83' LT	04	36x36	1	9.00	36	2 TS
		03	21x15	1	2.19		
96+61.23	2.25' RT	05	30x30	1	6.25	16	1 TS
96+63.33	25.31' LT	14	24x9	1	1.50	16	1 TS
		02	21x15	1	2.19		
96+67.62	34.75' RT	-	24x24	REM	4.00	-	-
		-	18x24	REM	3.00	-	-
96+69.28	59.06' RT	A	-	REM (SPL)	-	-	-

RODEO DRIVE							
STATION	OFFSET	SIGN NO.	SIZE (INxIN)	SIGN TYPE	AREA (SF)	POLE LENGTH (FT)	POLE TYPE
96+76.35	87.54' RT	B	24x24	-	4	16	1 TS
96+89.29	76.68' RT	B	24x24	REM & RL	4	-	-
97+05.35	23.24' LT	-	-	REM (SPL)	-	-	-
97+13.54	25.52' RT	09	30x24	1	5.00	16	1 TS
		08	36x12	1	3.00		
97+28.63	50.85' RT	-	30x30	REM	6.25	-	-
		-	8x18	REM	1.00	-	-
97+34.04	37.22' LT	09	30x24	1	5.00	16	1 TS
		08	36x12	1	3.00		
97+41.79	37.47' LT	-	30x30	REM	6.25	-	-
		-	8x18	REM	1.00	-	-
97+47.68	37.53' RT	09	30x24	1	5.00	16	1 TS
		08	36x12	1	3.00		
97+69.85	25.52' LT	09	30x24	1	5.00	15	1 TS
		08	36x12	1	3.00		
97+84.89	58.03' LT	C	24x24	REM & RL	4.00	-	-
		-	30x30	REM	6.25	-	-
98+02.21	35.18' LT	-	8x18	REM	1.00	-	-
		D	24x18	REM & RL	3.00	-	-

RODEO DRIVE							
STATION	OFFSET	SIGN NO.	SIZE (INxIN)	SIGN TYPE	AREA (SF)	POLE LENGTH (FT)	POLE TYPE
98+07.83	88.01' LT	C	24x24	-	4.00	18	1 TS
98+19.90	25.80' RT	14	24x9	1	1.50	15	1 TS
		02	21x15	1	2.19		
98+22.16	2.25' LT	05	30x30	1	6.25	16	1 TS
98+28.54	24.40' RT	04	36x36	1	9.00	35	2 TS
		03	21x15	1	2.19		
98+37.77	45.65' LT	05	30x30	1	6.25	18	1 TS
		06	30x30	1	6.25		
98+45.01	63.77' RT	04	36x36	1	9.00	35	2 TS
		01	21x15	1	2.19		
98+45.53	7.77' RT	04	36x36	1	9.00	35	2 TS
		03	21x15	1	2.19		
98+60.42	34.94' LT	04	36x36	1	9.00	35	2 TS
		01	21x15	1	2.19		
99+00.00	51.67' RT	27	30x30	1	6.25	17	1 TS
99+50	31.00' LT	D	24x18	-	3.00	18	1 TS
99+85.08	49.14' LT	08	36x12	1	3.00	14	1 TS
100+01.10	11.21' LT	08	36x12	1	3.00	14	1 TS

- LEGEND**
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  - REM (SPL) REMOVE SIGN (SPECIAL)

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 PLOT DATE: 2/12/2019

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 123 North 15th Street  
 Maitland, IL 61138  
 Phone: 217.235.5177  
 License No. 184-003401  
 e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta10  
 TUG PROJECT NO. 3115011-01  
 PLOT SCALE = 40.0000 ' / in.  
 PLOT DATE = 2/12/2019

DESIGNED - SJF  
 DRAWN - SAE  
 CHECKED - SJF  
 DATE -

REVISED -  
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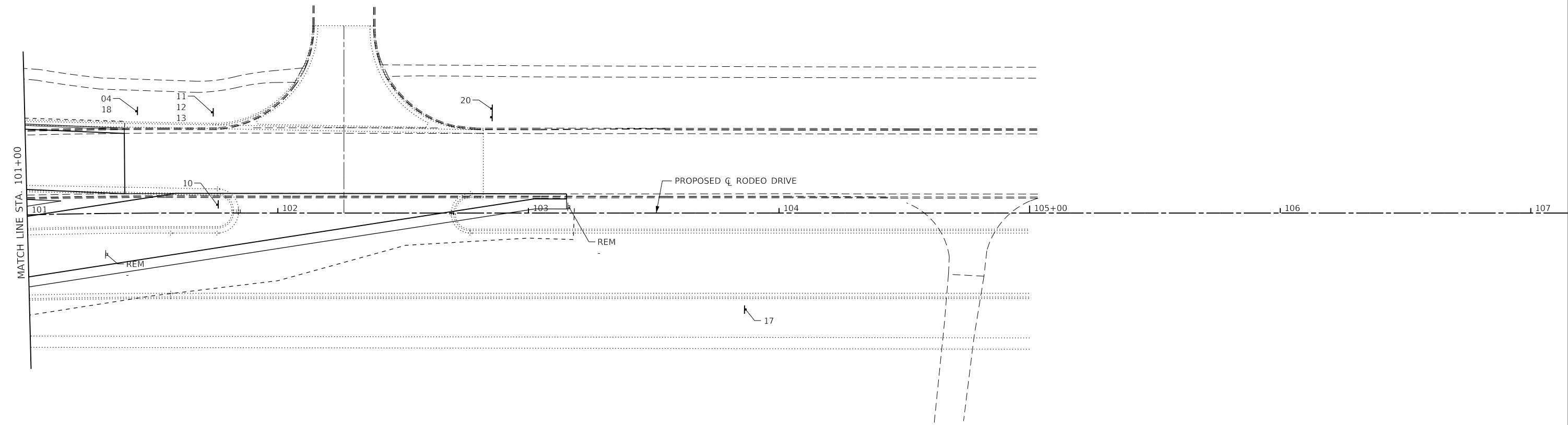
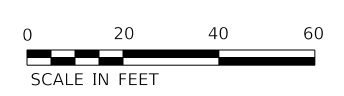
**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**RODEO DRIVE SIGNAGE PLAN**  
 SCALE: 40,0000 ' / in SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	54

CONTRACT NO. 61F64

ILLINOIS FED. AID PROJECT



RODEO DRIVE							
STATION	OFFSET	SIGN NO.	SIZE (INxIN)	SIGN TYPE	AREA (SF)	POLE LENGTH (FT)	POLE TYPE
101+43.75	40.80' LT	04	36X36	1	9.00	34	2 TS
		18	21X15	1	2.19		
101+73.75	40.20' LT	11	36X36	1	9.00	40	2 TS
		12	30X12	1	2.50		
		13	24X24	1	4.00		
101+75.79	3.36' LT	10	24X30	1	5.00	16	1 TS
102+85.08	39.31' LT	20	8FTX6FT	3	48.00	32	W10X22
103+86.70	38.50' RT	17	30X36	1	7.50	16	1 TS

**LEGEND**

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- XX SIGN NUMBER
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- REM (SPL) REMOVE SIGN (SPECIAL)

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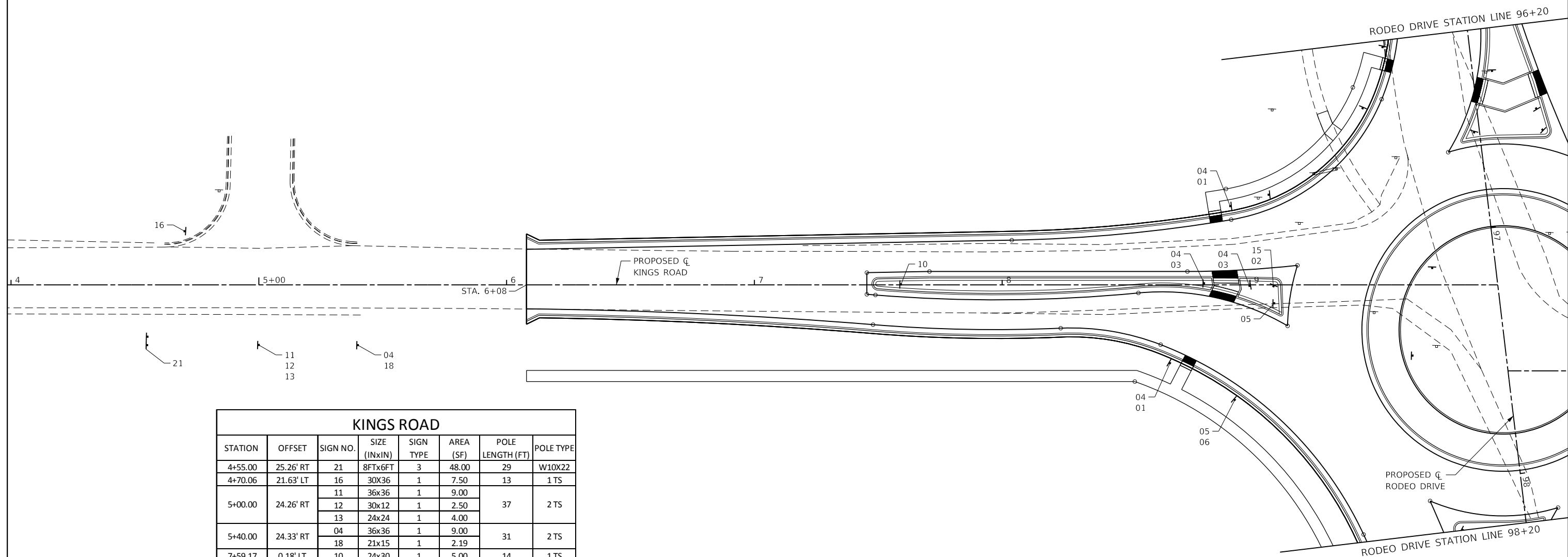
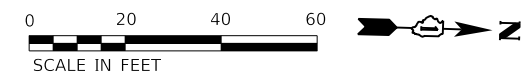
**The Upchurch Group**  
 architects engineers surveyors  
 Professional Design Firm Corporation  
 123 North 15th Street  
 Maitland, IL 61138  
 Phone: 217.255.5177  
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 e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta10	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3115011-01	DRAWN - SAE	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 2/12/2019	DATE -	REVISED -

**RODEO DRIVE ROUNDABOUT AT KINGS ROAD**  
**VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**RODEO DRIVE SIGNAGE PLAN**  
 SCALE: 40,0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	55
CONTRACT NO. 61F64				
		ILLINOIS	FED. AID PROJECT	



KINGS ROAD							
STATION	OFFSET	SIGN NO.	SIZE (INxIN)	SIGN TYPE	AREA (SF)	POLE LENGTH (FT)	POLE TYPE
4+55.00	25.26' RT	21	8FTx6FT	3	48.00	29	W10X22
4+70.06	21.63' LT	16	30X36	1	7.50	13	1 TS
5+00.00	24.26' RT	11	36x36	1	9.00	37	2 TS
		12	30x12	1	2.50		
		13	24x24	1	4.00		
5+40.00	24.33' RT	04	36x36	1	9.00	31	2 TS
7+59.17	0.18' LT	10	24x30	1	5.00	14	1 TS
		04	36x36	1	9.00	30	2 TS
8+67.73	31.60' RT	01	21x15	1	2.19	31	2 TS
8+81.52	0.59' LT	04	36x36	1	9.00	31	2 TS
		03	21x15	1	2.19		
8+92.00	31.76' LT	04	36x36	1	9.00	31	2 TS
		01	21x15	1	2.19		
8+93.86	46.42' RT	05	30x30	1	6.25	16	1 TS
		06	30x30	1	6.25		
8+99.76	0.34' RT	04	36x36	1	9.00	31	2 TS
		03	21x15	1	2.19		
9+03.36	34.96' LT	-	24x24	REM & RL	4.00	-	-
		-	18x24	REM & RL	3.00	-	-
9+09.44	0.57' RT	15	24x9	1	1.50	12	1 TS
9+09.73	7.45' RT	02	21x15	1	2.19	14	1 TS
		05	30x30	1	6.25		
9+19.90	24.76' LT	-	-	REM & RL	-	-	-

- LEGEND**
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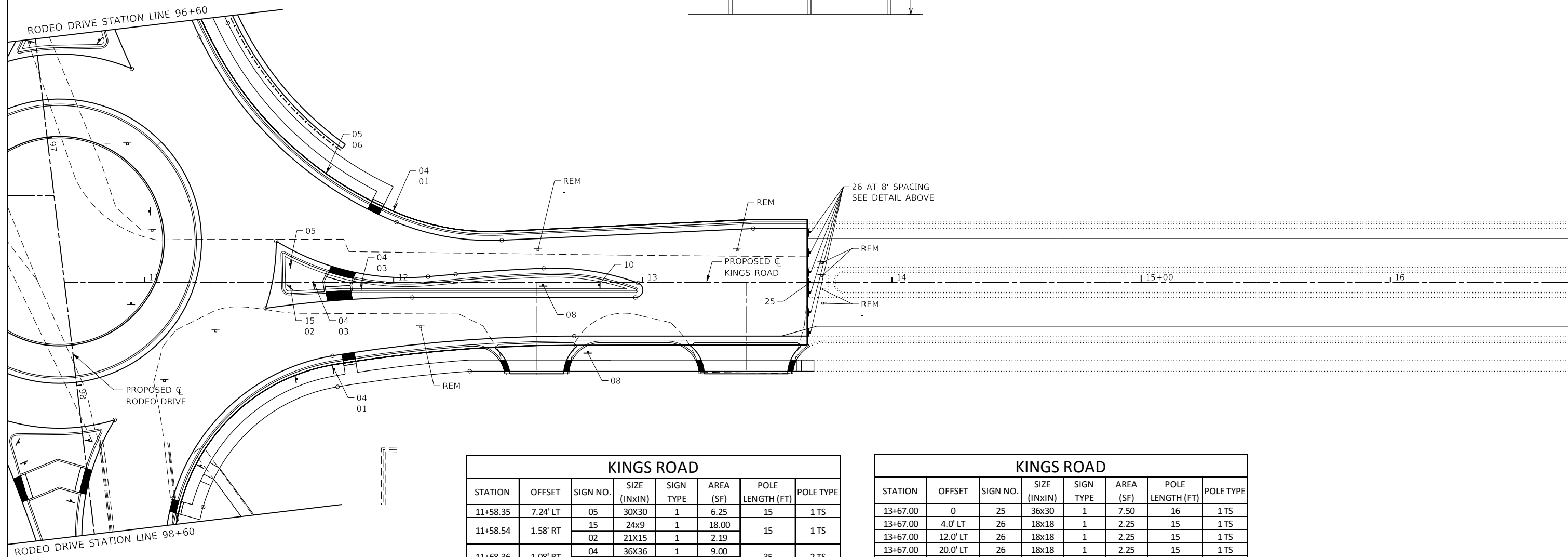
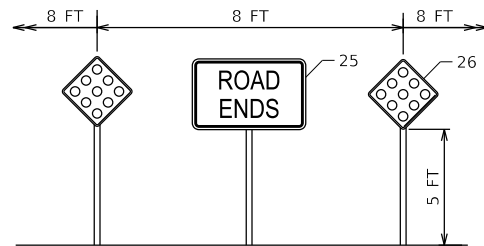
**The Upchurch Group**  
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USER NAME = Sta10	DESIGNED - SJF	REVISED -
TUG PROJECT NO. 3115011-01	DRAWN - SAE	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 2/12/2019	DATE -	REVISED -

**RODEO DRIVE ROUNDABOUT AT KINGS ROAD**  
**VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**KINGS ROAD SIGNAGE PLAN**  
 SCALE: 40,0000 ' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	56
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				



KINGS ROAD							
STATION	OFFSET	SIGN NO.	SIZE (INxIN)	SIGN TYPE	AREA (SF)	POLE LENGTH (FT)	POLE TYPE
11+58.35	7.24' LT	05	30X30	1	6.25	15	1 TS
11+58.54	1.58' RT	15	24x9	1	18.00	15	1 TS
		02	21X15	1	2.19		
11+68.36	1.08' RT	04	36X36	1	9.00	35	2 TS
		03	21X15	1	2.19		
11+73.57	45.47' LT	05	30X30	1	6.25	18	1 TS
		06	30X30	1	6.25		
11+76.22	34.93' RT	04	36X36	1	9.00	35	2 TS
		01	21X15	1	2.19		
11+86.88	1.33' RT	04	36X36	1	9.00	35	2 TS
		03	21X15	1	2.19		
12+00.29	30.41' LT	04	36X36	1	9.00	35	2 TS
12+10.84	17.77' RT	-	24X18	REM	3.00	-	-
12+57.52	1.11' RT	08	36X12	1	3.00	13	1 TS
12+57.95	12.98' LT	-	12X18	REM	1.50	-	-
12+77.86	27.98' RT	08	36X12	1	3.00	14	1 TS
12+82.34	1.08' RT	10	24x30	1	5.00	16	1 TS
13+37.93	12.94' LT	-	18x24	REM	3.00	-	-

KINGS ROAD							
STATION	OFFSET	SIGN NO.	SIZE (INxIN)	SIGN TYPE	AREA (SF)	POLE LENGTH (FT)	POLE TYPE
13+67.00	0	25	36x30	1	7.50	16	1 TS
13+67.00	4.0' LT	26	18x18	1	2.25	15	1 TS
13+67.00	12.0' LT	26	18x18	1	2.25	15	1 TS
13+67.00	20.0' LT	26	18x18	1	2.25	15	1 TS
13+67.00	4.0' RT	26	18x18	1	2.25	15	1 TS
13+67.00	12.0' RT	26	18x18	1	2.25	15	1 TS
13+67.00	20.0' RT	26	18x18	1	2.25	15	1 TS
13+71.85	9.87' LT	-	18x18	REM	2.25	-	-
13+71.85	7.87' LT	-	18x18	REM	2.25	-	-
13+71.87	2.61' LT	-	18x18	REM	2.25	-	-
13+71.82	2.77' RT	-	18x18	REM	2.25	-	-
13+72.25	8.42' RT	-	18x18	REM	2.25	-	-

**LEGEND**

- † PROPOSED SIGN ON WOOD OR METAL POSTS
- ‡ EXISTING SIGN ON WOOD OR METAL POSTS
- XX SIGN NUMBER
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- REM & RL REMOVE & RELOCATE SIGN PANEL (SPECIAL)
- REM (SPL) REMOVE SIGN (SPECIAL)

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 TUG PROJECT NO. 3115011-01  
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 PLOT DATE = 2/12/2019

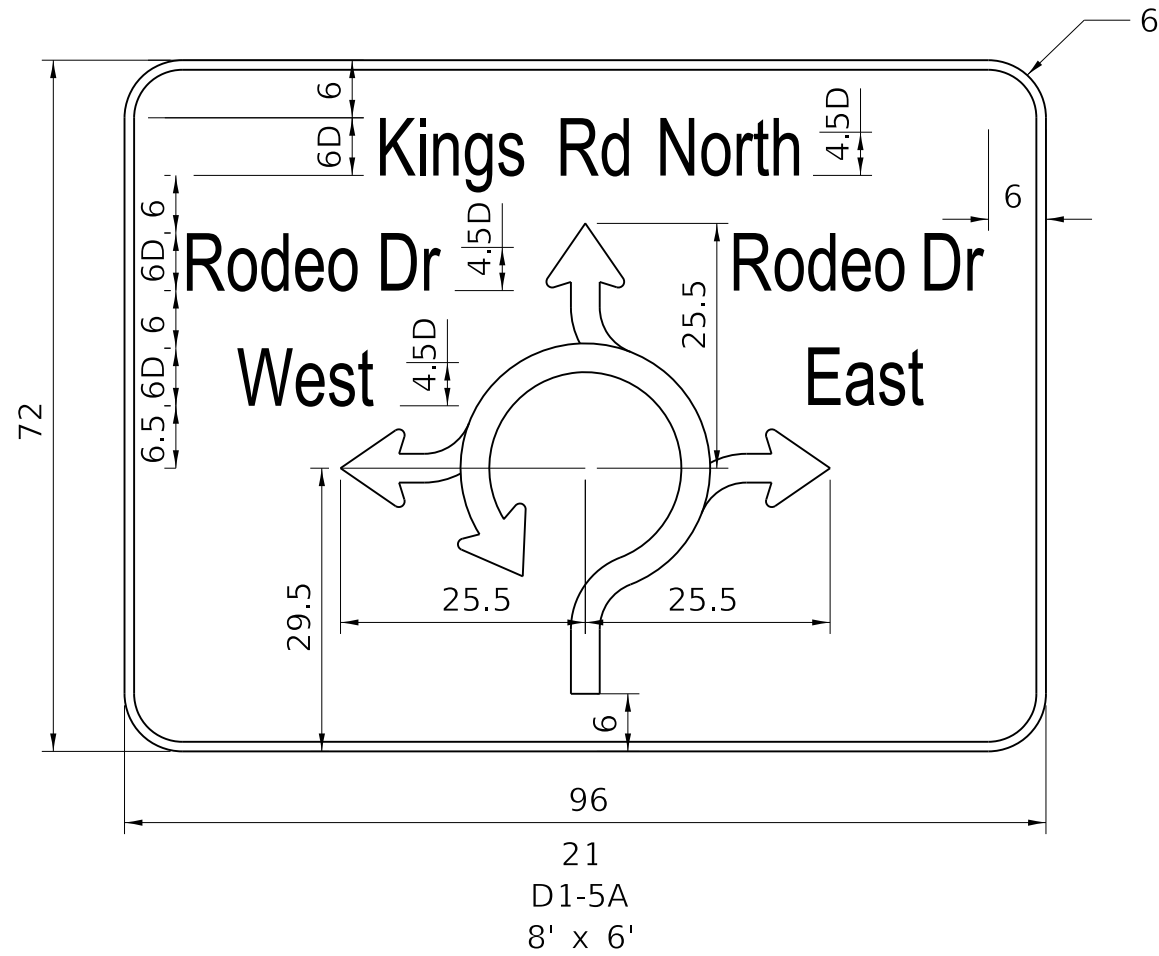
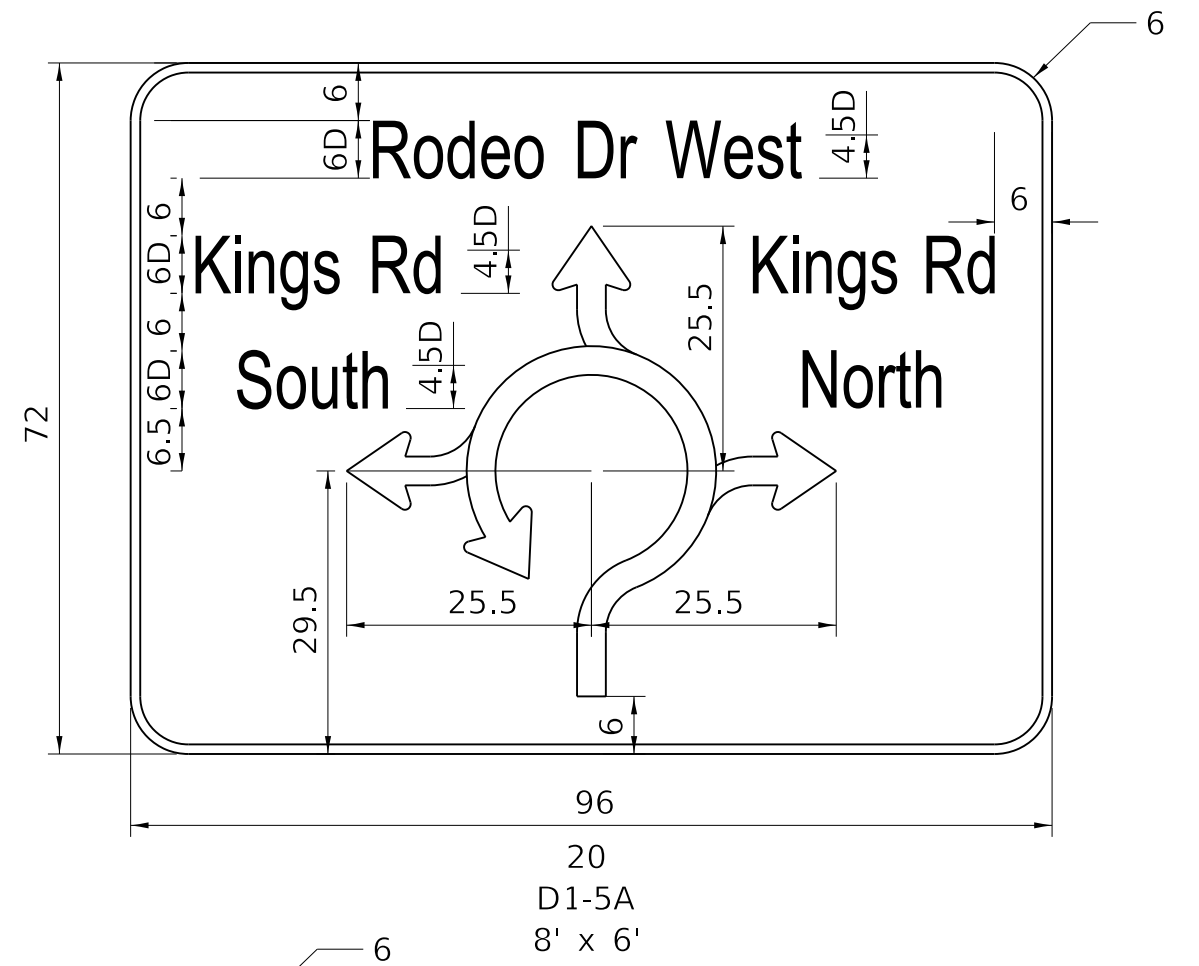
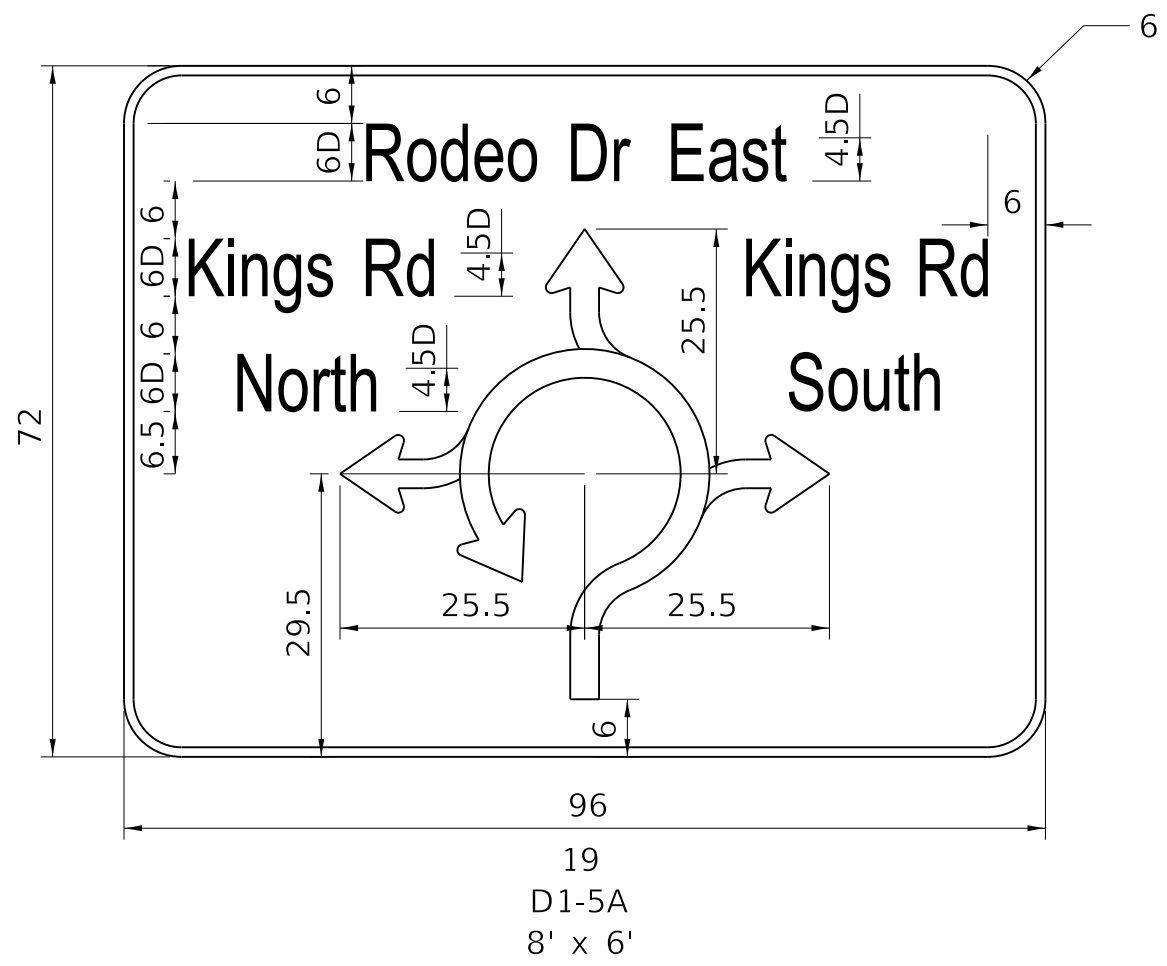
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 REVISED -

**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**KINGS ROAD SIGNAGE PLAN**  
 SCALE: 40,0000 ' / in SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	57
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				



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USER NAME = Sta10  
 TUG PROJECT NO. 3115011-01  
 PLOT SCALE = 40.0000 ' / in.  
 PLOT DATE = 2/12/2019

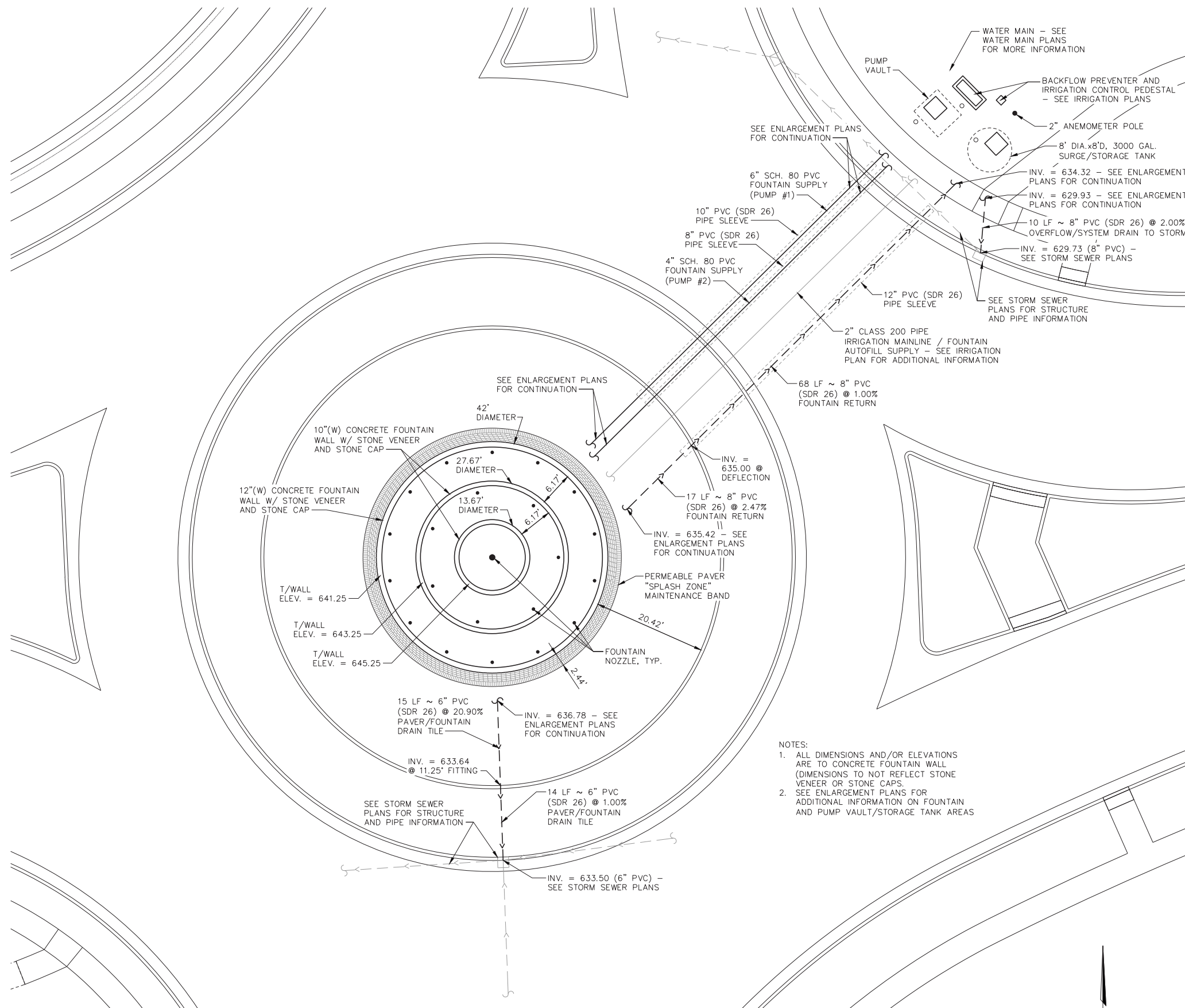
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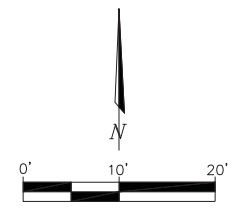
**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**SIGNAGE PLAN  
 DETAILS**  
 SCALE: 40,0000 ' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	58
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				



- NOTES:
1. ALL DIMENSIONS AND/OR ELEVATIONS ARE TO CONCRETE FOUNTAIN WALL (DIMENSIONS TO NOT REFLECT STONE VENEER OR STONE CAPS.
  2. SEE ENLARGEMENT PLANS FOR ADDITIONAL INFORMATION ON FOUNTAIN AND PUMP VAULT/STORAGE TANK AREAS



**DECORATIVE FOUNTAIN PLAN**  
SCALE: 1" = 10'-0"



140 E. Washington Street  
East Peoria, Illinois 61611  
309.222.8600  
www.mweainc.com  
IL Design Firm Reg. No. 184-005896

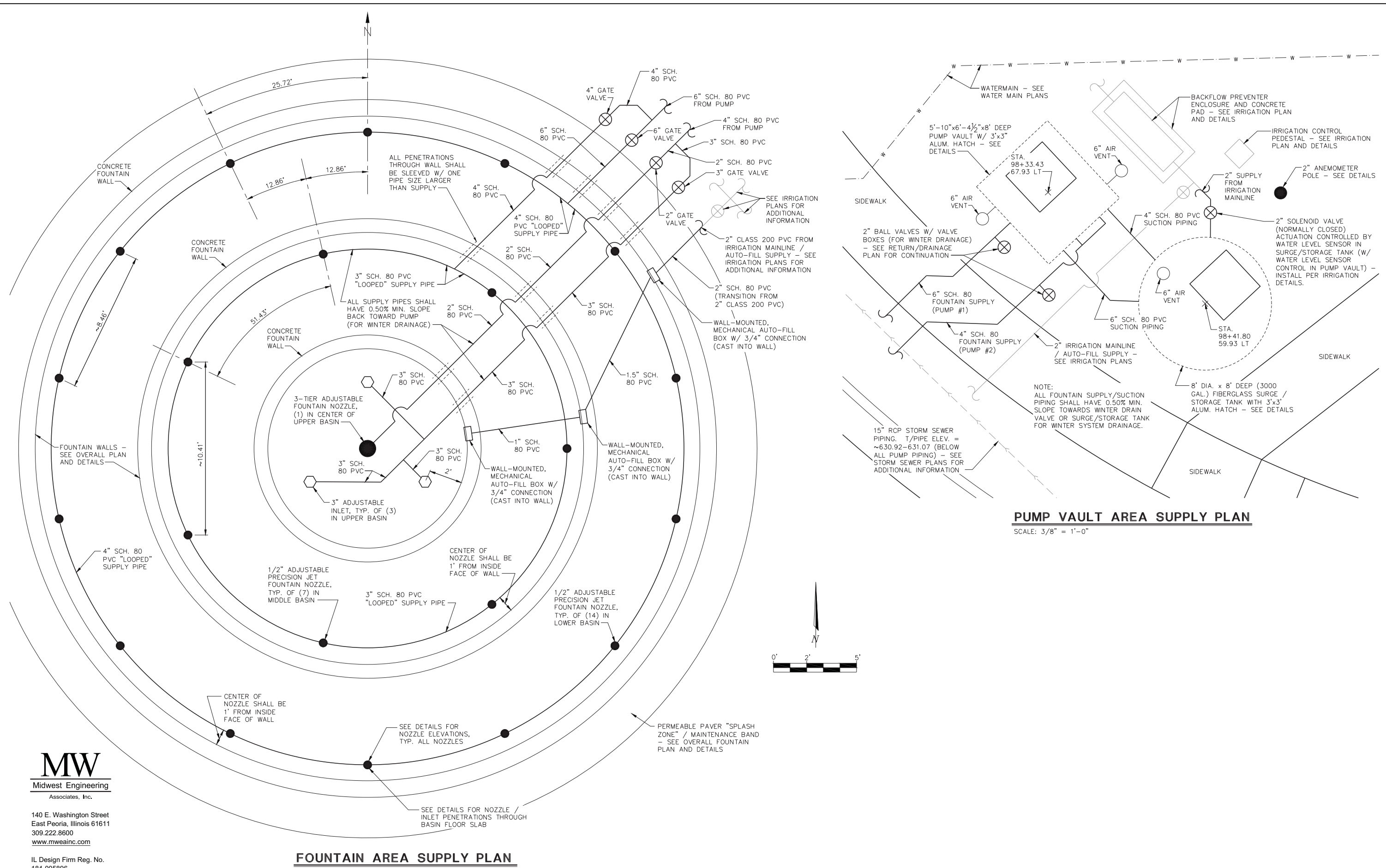
**The Upchurch Group**  
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e-mail: upchurchgroup@upchurchgroup.com

USER NAME = NHP	DESIGNED - NHP	REVISED - -----
TUG PROJECT NO. 3115011-01	DRAWN - NHP	REVISED - -----
PLOT SCALE = VARIES - SEE PLAN	CHECKED - DMR	REVISED - -----
PLOT DATE = 01/11/2019	DATE - 02/05/2019	REVISED - -----

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DECORATIVE FOUNTAIN PLAN	
SCALE: SEE PLAN	SHEET 59 OF 154 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	59
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				



**FOUNTAIN AREA SUPPLY PLAN**  
SCALE: 3/8" = 1'-0"

**PUMP VAULT AREA SUPPLY PLAN**  
SCALE: 3/8" = 1'-0"



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East Peoria, Illinois 61611  
309.222.8600  
www.mweainc.com

IL Design Firm Reg. No.  
184-005896

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USER NAME = NHP	DESIGNED - NHP	REVISED -
TUG PROJECT NO. 3115011-01	DRAWN - NHP	REVISED -
PLOT SCALE = VARIES - SEE PLAN	CHECKED - DMR	REVISED -
PLOT DATE = 01/11/2019	DATE - 02/05/2019	REVISED -

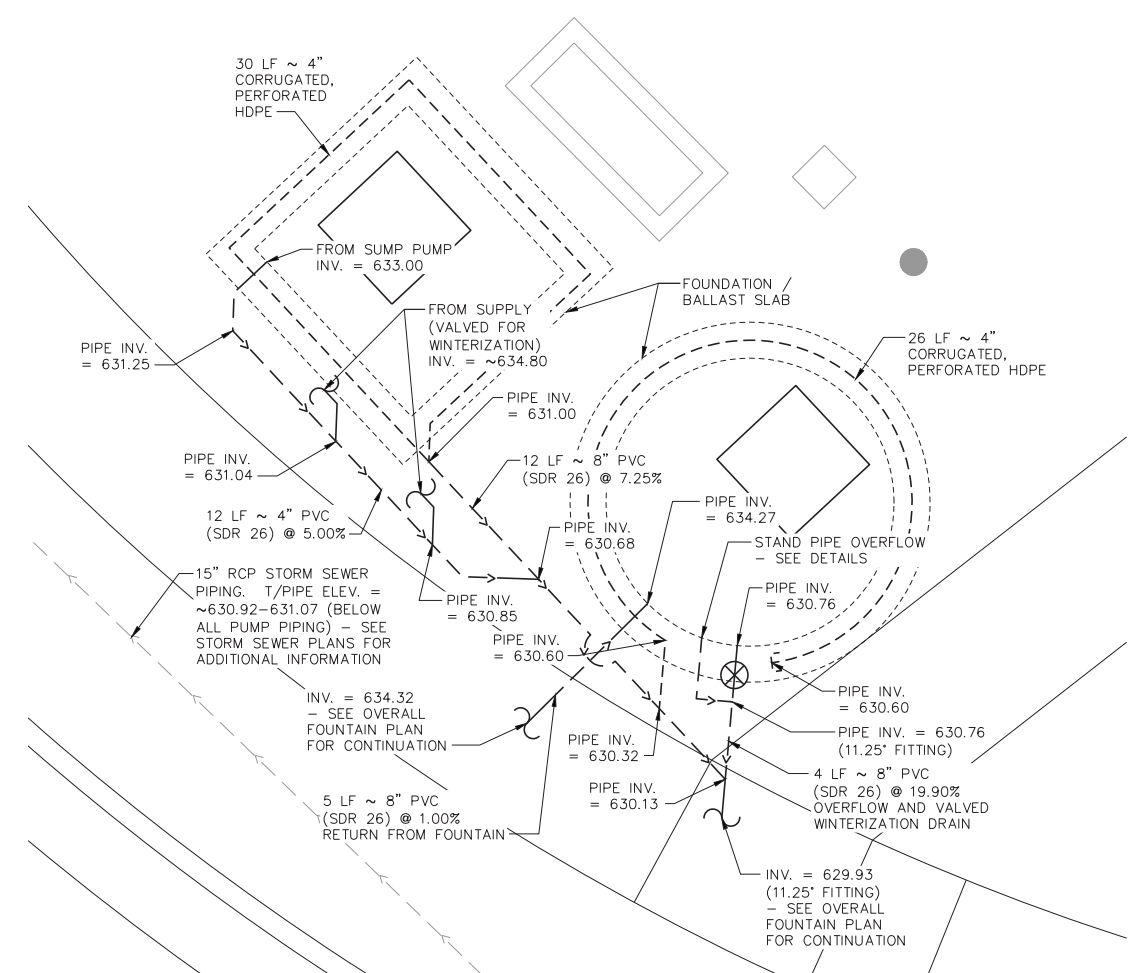
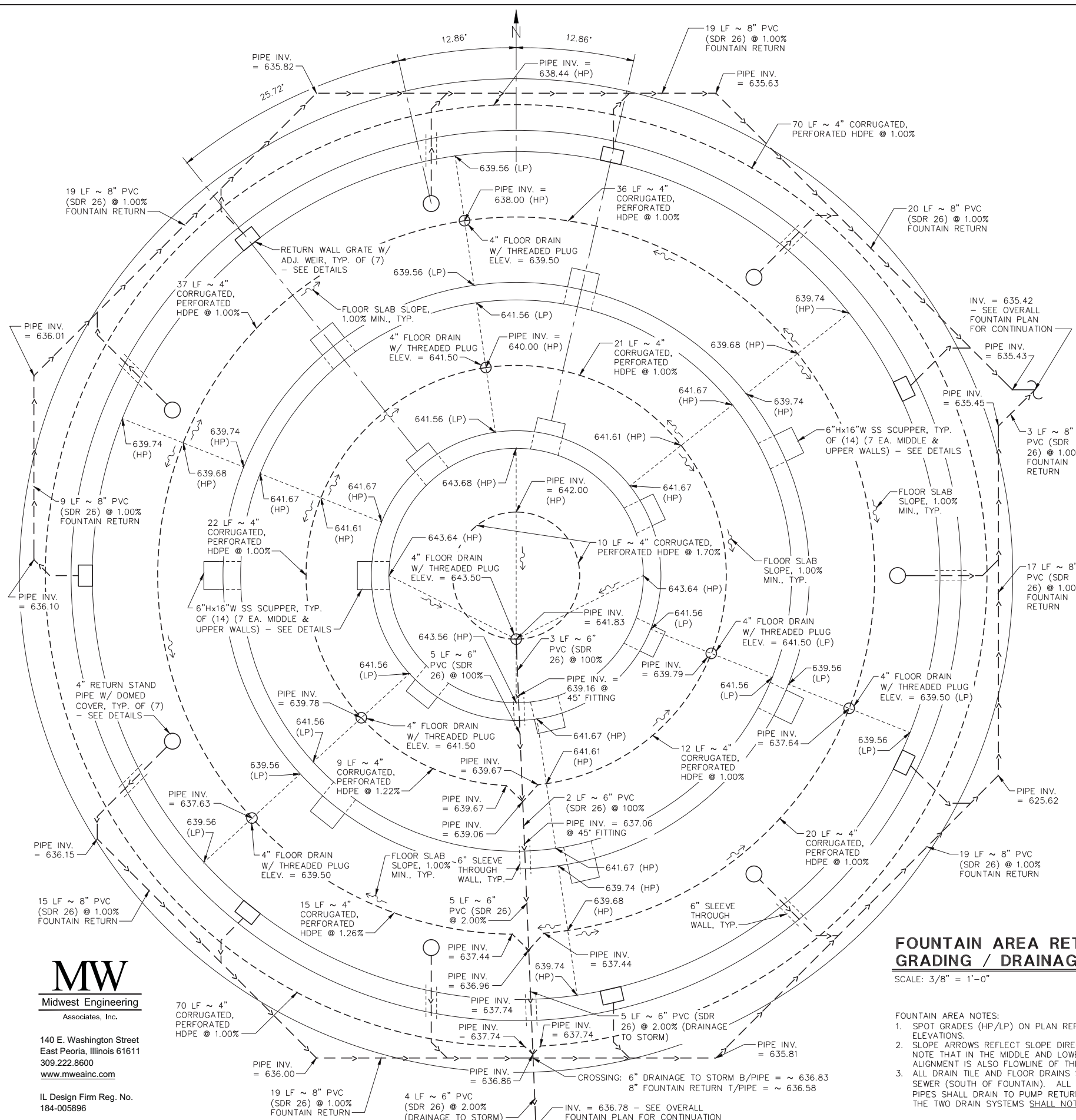
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DECORATIVE FOUNTAIN PLAN

SCALE: SEE PLAN SHEET 60 OF 154 SHEETS STA. TO STA.

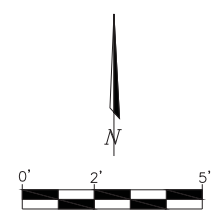
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	60
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				





**PUMP VAULT AREA RETURN & DRAINAGE PLAN**

SCALE: 3/8" = 1'-0"



**FOUNTAIN AREA RETURN & GRADING / DRAINAGE PLAN**

SCALE: 3/8" = 1'-0"

- FOUNTAIN AREA NOTES:
1. SPOT GRADES (HP/LP) ON PLAN REFLECT FLOOR OF BASIN ELEVATIONS.
  2. SLOPE ARROWS REFLECT SLOPE DIRECTION OF FLOOR OF BASIN. NOTE THAT IN THE MIDDLE AND LOWER BASINS, THE DRAIN TILE ALIGNMENT IS ALSO FLOWLINE OF THE BASIN FLOOR SLOPE.
  3. ALL DRAIN TILE AND FLOOR DRAINS SHALL DRAIN TO STORM SEWER (SOUTH OF FOUNTAIN). ALL WALL GRATES AND STAND PIPES SHALL DRAIN TO PUMP RETURN (EAST OF FOUNTAIN). THE TWO DRAIN SYSTEMS SHALL NOT BE INTERCONNECTED.



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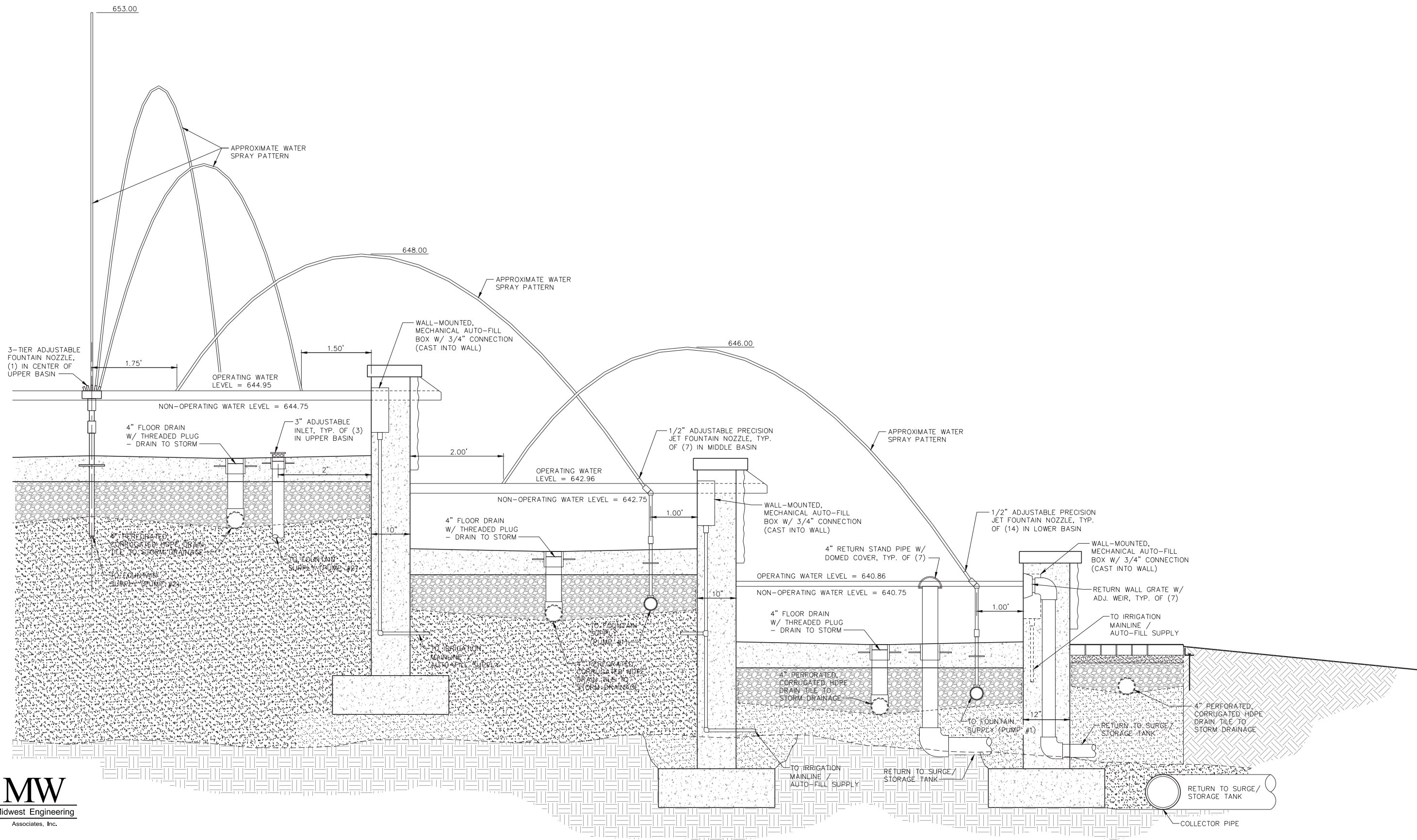
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TUG PROJECT NO. 3115011-01	DRAWN - NHP	REVISED -
PLOT SCALE = VARIES - SEE PLAN	CHECKED - DMR	REVISED -
PLOT DATE = 01/11/2019	DATE - 02/05/2019	REVISED -

STATE OF ILLINOIS  
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DECORATIVE FOUNTAIN PLAN

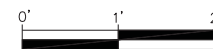
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	61
CONTRACT NO. 61F64			ILLINOIS FED. AID PROJECT	



**FOUNTAIN SECTION**

SCALE: 1" = 1'-0"



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USER NAME = NHP  
TUG PROJECT NO. 3115011-01  
PLOT SCALE = VARIES - SEE PLAN  
PLOT DATE = 01/11/2019

DESIGNED - NHP  
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DATE - 02/05/2019

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STATE OF ILLINOIS  
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DECORATIVE FOUNTAIN PLAN

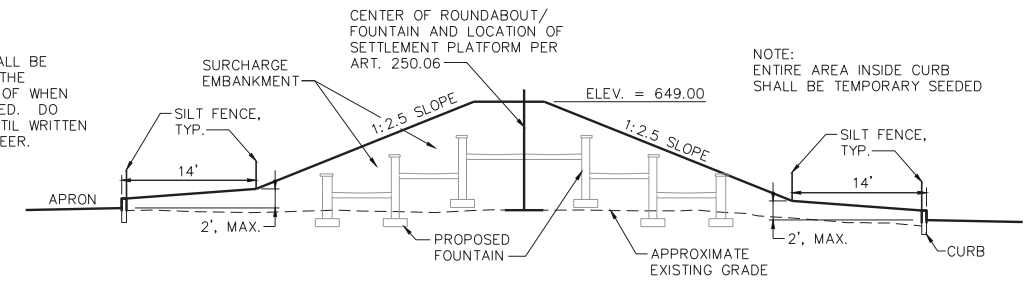
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	62
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				

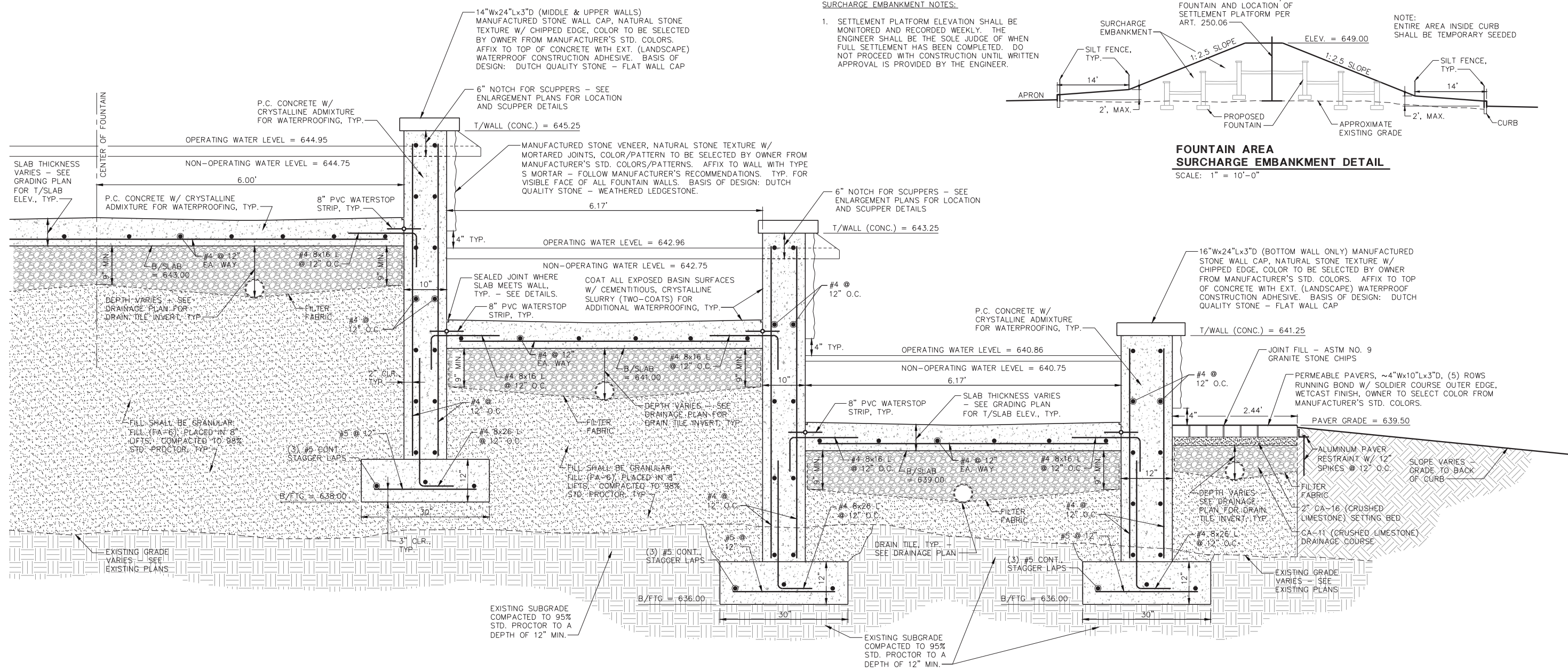


**SURCHARGE EMBANKMENT NOTES:**

- SETTLEMENT PLATFORM ELEVATION SHALL BE MONITORED AND RECORDED WEEKLY. THE ENGINEER SHALL BE THE SOLE JUDGE OF WHEN FULL SETTLEMENT HAS BEEN COMPLETED. DO NOT PROCEED WITH CONSTRUCTION UNTIL WRITTEN APPROVAL IS PROVIDED BY THE ENGINEER.



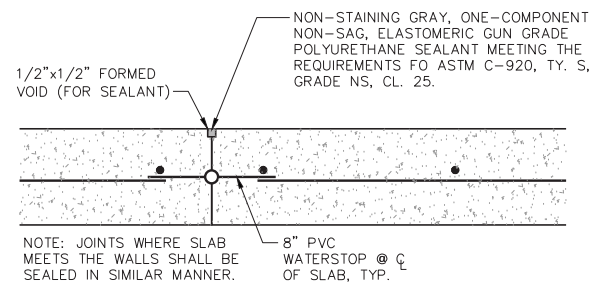
**FOUNTAIN AREA SURCHARGE EMBANKMENT DETAIL**  
SCALE: 1" = 10'-0"



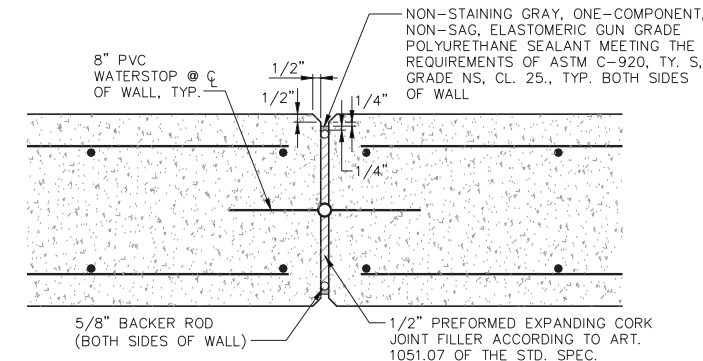
**FOUNTAIN WALL & BASIN FLOOR SLAB SECTION**  
SCALE: 1" = 1'-0"

**STRUCTURAL NOTES:**

- WALL EXPANSION JOINTS SHALL BE LOCATED 24' O.C. MAX. TO DIVIDE WALL INTO EQUAL LENGTH SEGMENTS. SEE DETAIL ON THIS SHEET.
- BASIN FLOOR SLAB CONSTRUCTION JOINTS SHALL BE LOCATED 8' O.C. MAX. (MEASURED ALONG CENTERLINE OF SLAB) TO DIVIDE SLAB INTO EQUAL LENGTH SEGMENTS. LOWER AND MIDDLE BASINS ONLY, UPPER BASIN SHALL NOT HAVE JOINTS. SEE DETAIL ON THIS SHEET.
- MINIMUM CONCRETE COMPRESSIVE STRENGTH ( $f'c$ ) 4000 PSI AT 28 DAYS.
- CONCRETE REINFORCEMENT: DEFORMED BARS - ASTM A615-GRADE 60
- CONCRETE PROTECTION FOR REINFORCEMENT:
  - WALLS - 2"
  - FOOTINGS AND BASIN FLOOR SLAB - 3"
- REINFORCEMENT MIN. LAP SHALL BE 50D MIN.:
  - 25" FOR #4 BAR
  - 32" FOR #5 BAR
  - STAGGER LAPS 4' O.C. MIN.



**SLAB RADIAL CONSTRUCTION JOINT**  
SCALE: NTS



**WALL EXPANSION JOINT**  
SCALE: NTS



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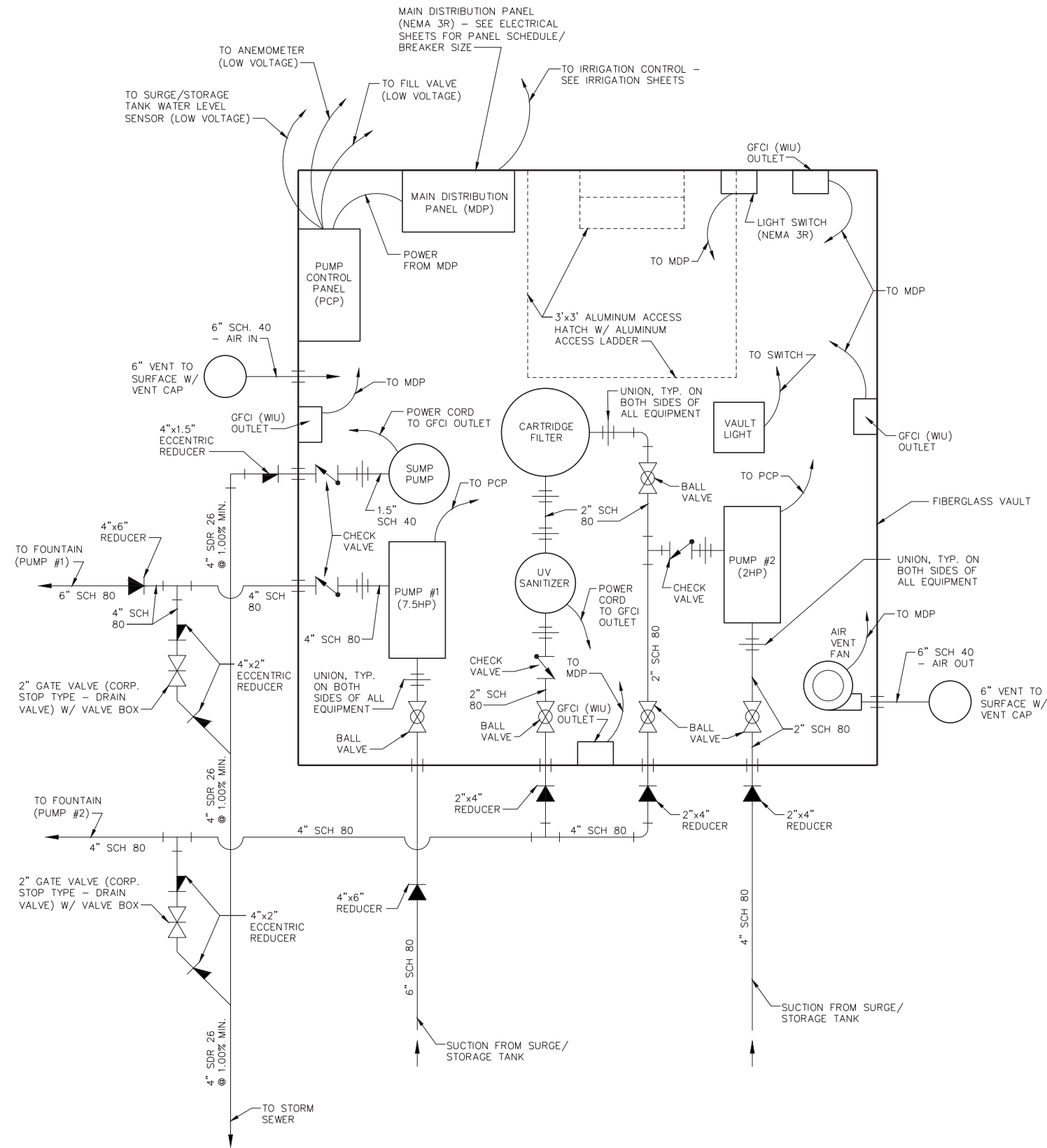
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TUG PROJECT NO. 3115011-01	DRAWN - NHP	REVISED -
PLOT SCALE = VARIES - SEE PLAN	CHECKED - PJL	REVISED -
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DECORATIVE FOUNTAIN PLAN

SCALE: SEE PLAN SHEET 63 OF 154 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	63
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**PUMP VAULT PIPING / ELECTRICAL DIAGRAM**

SCALE: N.T.S.

**FOUNTAIN PUMP VAULT NOTES:**

1. THIS DETAIL IS DIAGRAMMATIC AND IS INTENDED TO SHOW DESIGN INTENT. IT MAY NOT INCLUDE ALL DIRECTIONAL FITTINGS (ELBOWS, TEES, ETC.) OR TRANSITIONAL FITTINGS NEEDED TO MAKE ALL CONNECTIONS AND TO ENSURE PROPER EQUIPMENT FIT WITHIN THE VAULT. CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL FITTINGS NEEDED. CONTRACTOR SHALL LAY OUT EQUIPMENT IN SUCH A MANNER TO PROVIDE SUFFICIENT "ACCESS SPACE" AND ACCESS TO ALL COMPONENTS. SEE VAULT LAYOUT DETAILS FOR POSSIBLE EQUIPMENT LAYOUT. CONTRACTOR SHALL SUBMIT DETAILED SHOP DRAWINGS OF PUMP VAULT LAYOUT FOR APPROVAL PRIOR TO CONSTRUCTION.
2. CONTRACTOR SHALL INCLUDE A PRICE IN HIS/HER BID FOR A ONE TIME FOUNTAIN SYSTEM WINTERIZATION AND A ONE TIME FIRST SEASON REACTIVATION SERVICE. CONTRACTOR SHALL COORDINATE WITH USING AGENCY TO SCHEDULE A TIME FOR THE SERVICES TO BE PERFORMED. SERVICE SHALL INCLUDE INSTRUCTIONS TO USING AGENCY FOR SEQUENCE OF EVENTS FOR DRAINING THE SYSTEM AND THE SEASONAL START-UP.
3. ALL PRESSURE PIPE SHALL BE SCH 80 PVC WITH THREADED OR SOCKET W/ PVC CEMENT SCH 80 FITTINGS AS NEEDED UNLESS OTHERWISE NOTED.
4. ALL GRAVITY DRAIN PIPE SHALL BE SCH 40 PVC W/ SOCKET W/ PVC CEMENT SCH 40 FITTINGS UNLESS OTHERWISE NOTED. GRAVITY PIPE SHALL SLOPED TO DRAIN AT A MINIMUM OF 1.00% UNLESS OTHERWISE NOTED.
5. ALL PIPING IS DESIGNED TO BE GRAVITY DRAINED IN THE WINTER. SLOPE ALL PIPE TO VALVED DRAINS OR TO STORAGE TANK AT 1.00%.
6. ELECTRICAL COMPONENTS ARE DIAGRAMMATIC AND ARE INTENDED TO SHOW DESIGN INTENT. ALL COMPONENTS, JUNCTION BOXES, ETC. MAY NOT BE SHOWN. THE CONTRACTOR IS RESPONSIBLE FOR ALL MATERIALS AND EQUIPMENT NECESSARY TO PROVIDE WORKING SYSTEM AND FOR NEC COMPLIANCE. SEE INFORMATION BELOW FOR ADDITIONAL OPERATION INFORMATION. THE CONTRACTOR SHALL SUBMIT A DETAILED WIRING DIAGRAM FOR APPROVAL PRIOR TO CONSTRUCTION.
7. SCH 40 PVC CONDUIT AND/OR LIQUID-TIGHT FLEXIBLE METAL CONDUIT SHALL BE USED FOR ALL ELECTRICAL WIRING (EXCEPT CORDED EQUIPMENT). ALL JOINTS SHALL BE SEALED (WATER TIGHT) AND JUNCTION BOXES SHALL NEMA TYPE 3R.



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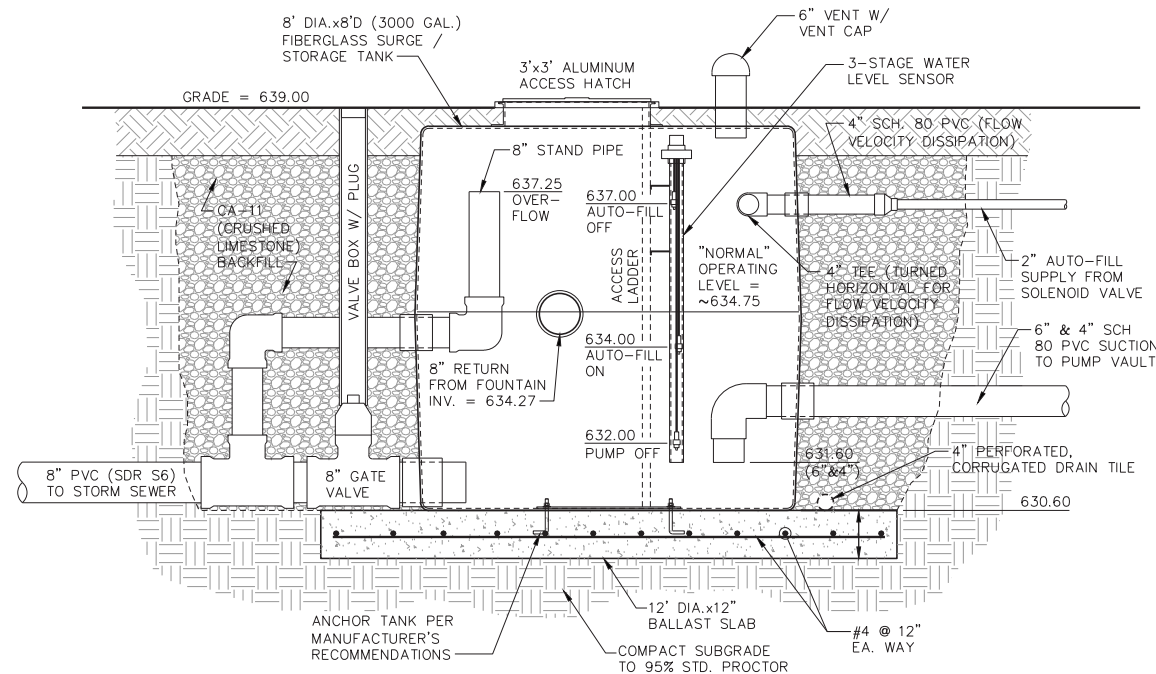
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DECORATIVE FOUNTAIN PLAN  
SCALE: SEE PLAN SHEET 64 OF 154 SHEETS STA. TO STA.

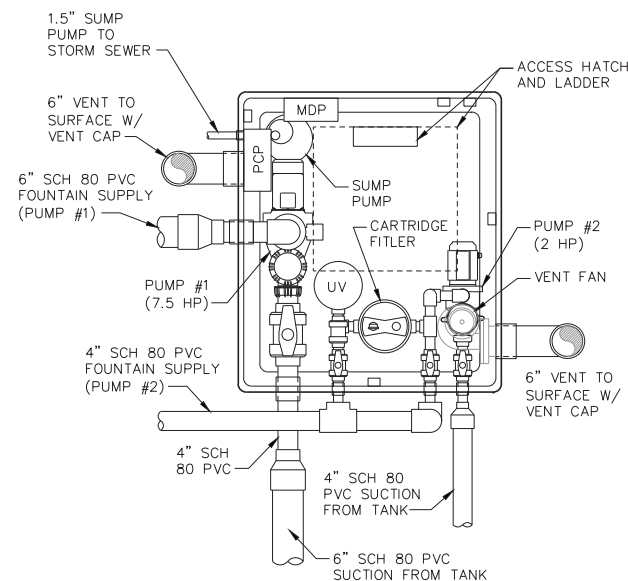
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	64
CONTRACT NO. 61F64				
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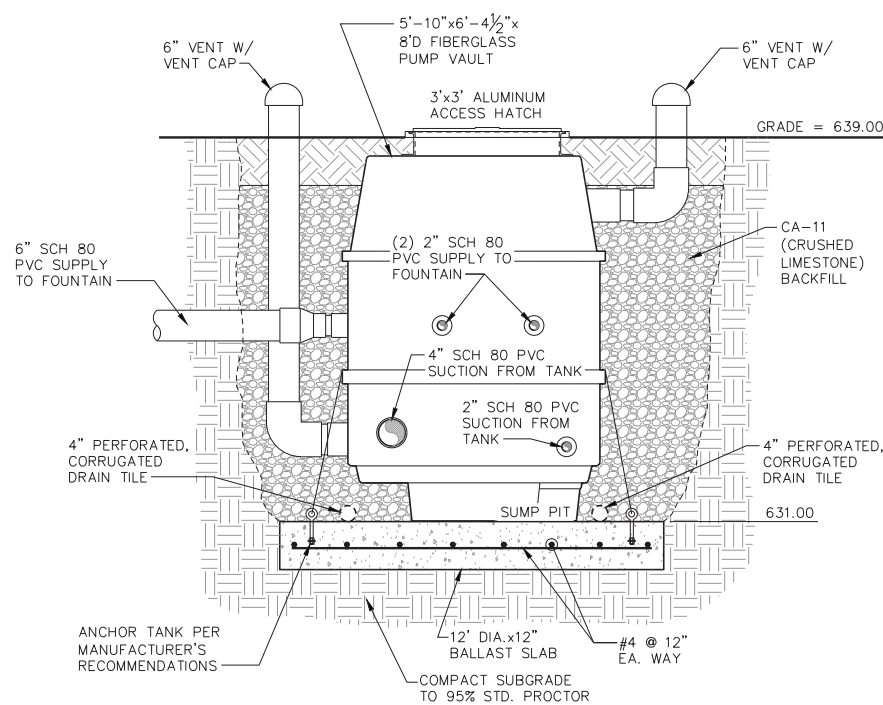
**SURGE / STORAGE TANK DETAIL**

SCALE: N.T.S.



**PUMP VAULT EQUIPMENT LAYOUT DETAIL**

SCALE: N.T.S.



**PUMP VAULT DETAIL**

SCALE: N.T.S.

**PUMP VAULT AND SURGE / STORAGE TANK EQUIPMENT SCHEDULE**

EQUIPMENT	DESCRIPTION / PERFORMANCE
PUMP #1	7.5 HP, SELF-PRIMING, HIGH PERFORMANCE PUMP WITH THE FOLLOWING FEATURES: <ul style="list-style-type: none"> <li>ONE-PIECE THERMOPLASTIC HOUSING</li> <li>INTERGRATED STRAINER BASKET WITH .142" OPENINGS AND EASY ON/OFF TWO-PIECE SEE THROUGH LID</li> <li>NON-CORROSIVE PLASTIC IMPELLER WITH HEAVY DUTY MECHANICAL SHAFT SEAL</li> <li>4" UNION CONNECTIONS</li> <li>HEAVY DUTY ENERGY EFFICIENT TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTOR.</li> </ul>
	SINGLE SPEED HORSEPOWER PERFORMANCE CURVE @ 3,450 RPM 
PUMP #2	2 HP, SELF-PRIMING, HIGH PERFORMANCE PUMP WITH THE FOLLOWING FEATURES: <ul style="list-style-type: none"> <li>GLASS-FILLED THERMOPLASTIC</li> <li>EXTRA-LARGE CAPACITY, SINGLE PIECE STRAINER POT (WITH .15" OPENINGS), WITH EASY RELEASE, CLEAR 'LEXAN' COVER.</li> <li>STAINLESS STEEL FASTENERS</li> <li>COMMERCIAL GRADE 56 FRAME MOTOR</li> <li>CONTINUOUS DUTY</li> <li>2" UNION CONNECTIONS</li> </ul>
	SINGLE SPEED HORSEPOWER PERFORMANCE CURVE @ 3,450 RPM 
CARTRIDGE FILTER	CARTRIDGE FILTER W/ 200 SF FILTRATION AREA CAPABLE OF 75 GPM @ .375 G/GF AND WITH THE FOLLOWING FEATURES: <ul style="list-style-type: none"> <li>ONE-PIECE INJECTION MOLDED BASE AND BODY, OF GLASS FILLED THERMOPLASTIC RESIN, CORROSION RESISTANT</li> <li>INTERNAL SEDIMENT CATCHER</li> <li>AUTOMATIC AIR BLEED</li> <li>PRESSURE GAUGE WITH CYCLE INDICATOR</li> <li>CORELESS POLYESTER FILTER</li> <li>2" UNION CONNECTIONS</li> <li>1-1/2" DRAIN.</li> </ul>
UV SANITIZER	ULTRAVIOLET SANITIZER W/ 3-LAMPS (174W) CAPABLE OF TREATING UP TO 140 GPM AND WITH THE FOLLOWING FEATURES: <ul style="list-style-type: none"> <li>7'-6" MIN. LENGTH POWER CORD</li> <li>9" DIAMETER CORROSION RESISTANT POLYMERIC REACTOR VESSEL</li> <li>STAINLESS STEEL INTERNAL LAMP REFLECTORS</li> <li>ELECTRICAL ENCLOSURE BONNET SUITABLE FOR OUTDOOR INSTALLATION</li> <li>2" UNION CONNECTIONS</li> <li>PRESSURE SWITCH TO PREVENT OPERATION WHEN WATER IS NOT FLOWING</li> <li>DUAL SCALE (PSI/KPA) PRESSURE GAUGE</li> <li>360 DEGREES 'LAMP ON' VISUAL RING</li> <li>UV LAMP(S) RATED FOR 13,000 HOURS OF CONTINUOUS USE AND SHALL BE FULLY REPLACEABLE WITHOUT REQUIRING SPECIAL TOOLS</li> </ul>
VAULT LIGHT	EXTERIOR RATED LED LIGHT FIXTURE W/ "CEILING" MOUNTED HOUSING, 4000 LUMEN @ 4000K
AIR VENT FAN	POWERFUL DIRECT-DRIVE BLOWER CAPABLE OF 549 CFM @ 0.1 STATIC PRESSURE AND WITH THE FOLLOWING FEATURES: <ul style="list-style-type: none"> <li>FORWARD CURVE WHEEL</li> <li>DRIVEN BY TOTALLY ENCLOSED, PERMANENTLY LUBRICATED BALL-BEARING MOTOR</li> <li>DYNAMICALLY BALANCED WITH HEAVY-GAUGE, ROLLED STEEL HOUSING FOR INCREASED RIGIDITY</li> <li>CAST ALUMINUM END SHIELD FOR HEAT DISSIPATION AND PROTECTION</li> <li>GRAY ENAMEL FINISH</li> <li>6" PVC MOUNTING FLANGE</li> <li>HEAVY WELDED WIRE FAN BLADE FINGER GUARD.</li> </ul>
PUMP CONTROL PANEL	PUMP CONTROL PANEL IN CUSTOM NEMA 3R RATED ENCLOSURE AND WITH THE FOLLOWING FEATURES: <ul style="list-style-type: none"> <li>VFD CONTROLS FOR BOTH PUMPS</li> <li>SOFT START FEATURE</li> <li>MANUALLY ADJ. SPEED/FLOW</li> <li>INTEGRATED WIND CONTROL PANEL W/ SPEED REDUCTION/PUMP SHUT-DOWN SET POINTS - SEE ANEMOMETER DETAIL FOR SETPOINTS.</li> <li>INTEGRATED WATER LEVEL SENSOR CONTROL PANEL W/ PUMP SHUT-DOWN, AUTO-FILL VALVE ON, AND AUTO-FILL VALVE OFF FUNCTIONALITY. SEE TANK DETAIL FOR SET POINTS.</li> </ul>
WATER LEVEL SENSOR	WATER LEVEL SENSOR W/ (3) FULLY ADJUSTABLE SETPOINTS (PUMP-OFF, AUTO-FILL VALVE ON, AND AUTO-FILL VALVE OFF) CONTROLLED WITH WATER LEVEL SENSOR CONTROL (INTEGRATED INTO PUMP CONTROL PANEL) W/ CLEAR SCH. 80 PIPE STILLING ENCLOSURE AND MOUNTING BRACKETS - SEE TANK DETAILS
ALUMINUM ACCESS HATCH W/ LADDER	3'x3' ALUMINUM, HEAVY-DUTY (300 PSF LOADING), HINGED ACCESS HATCH WITH LOCKABLE HANDLE. ACCESS LADDER SHALL BE ALUMINUM AND PROVIDE SAFE ACCESS INTO TANK / VAULT

**NOTES:**  
1. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL EQUIPMENT.  
**BASIS OF DESIGN:**  
ROMAN FOUNTAINS COMPONENTS



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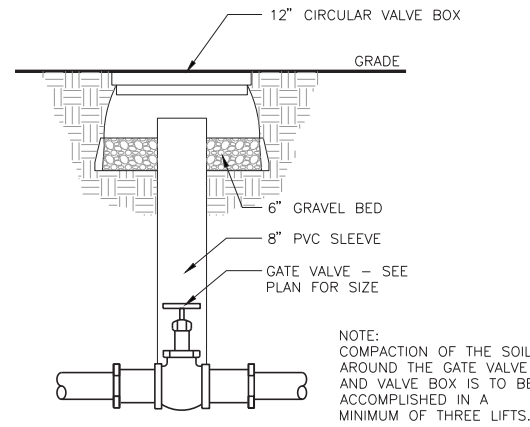
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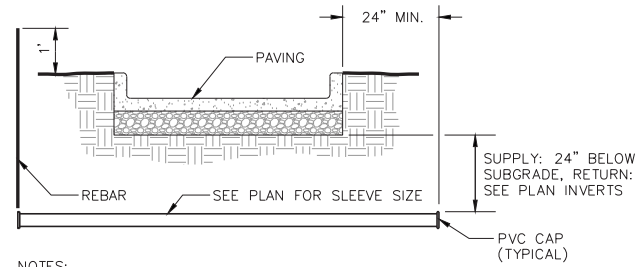
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DECORATIVE FOUNTAIN PLAN  
SCALE: SEE PLAN SHEET 65 OF 154 SHEETS STA. TO STA.

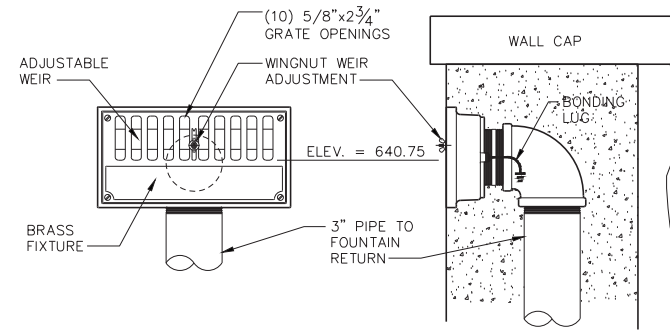
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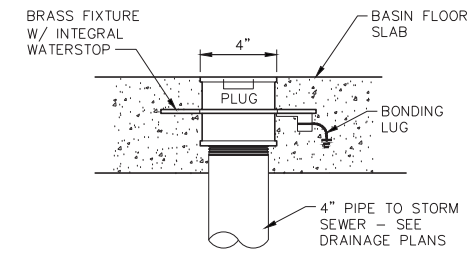
**MANUAL FOUNTAIN SUPPLY GATE VALVE**  
SCALE: NTS



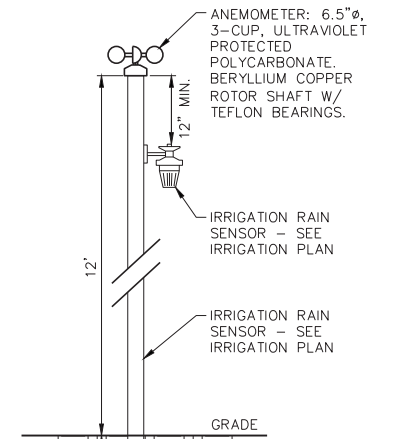
**FOUNTAIN SUPPLY / RETURN SLEEVE**  
SCALE: NTS



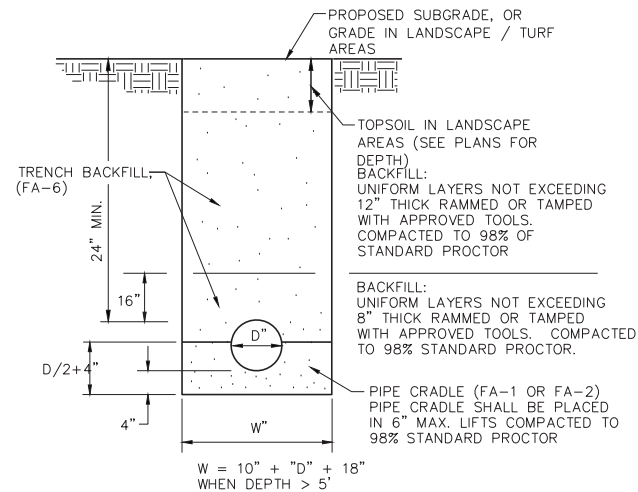
**RETURN WALL GRATE W/ ADJUSTABLE WEIR**  
SCALE: NTS



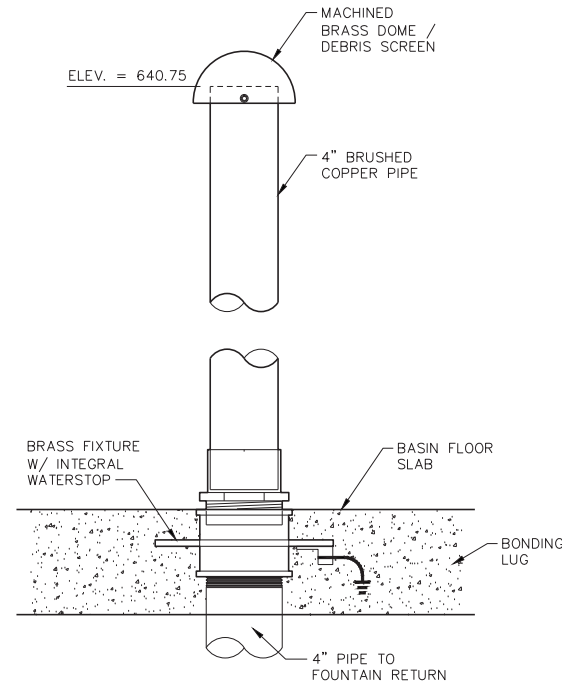
**FLOOR DRAIN W/ THREADED PLUG**  
SCALE: NTS



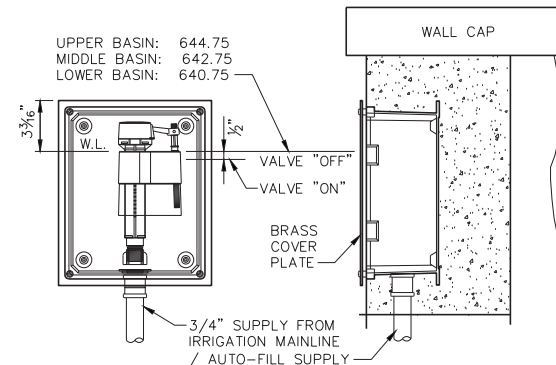
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SCALE: NTS



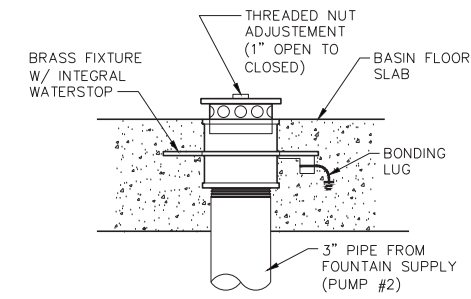
**FOUNTAIN SUPPLY / RETURN TRENCH BACKFILL DETAIL**  
SCALE: N.T.S.



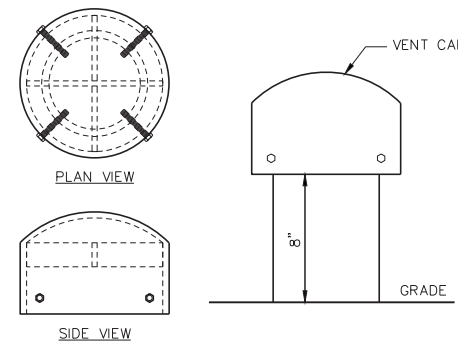
**RETURN STAND PIPE W/ DOMED COVER**  
SCALE: NTS



**WALL-MOUNTED, MECHANICAL AUTO-FILL BOX**  
SCALE: NTS

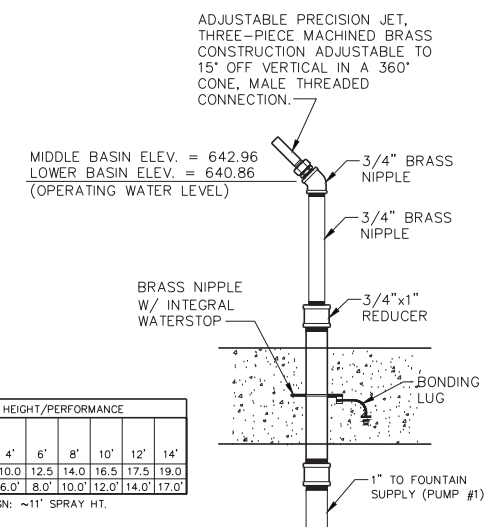


**ADJUSTABLE, 3\"/>**

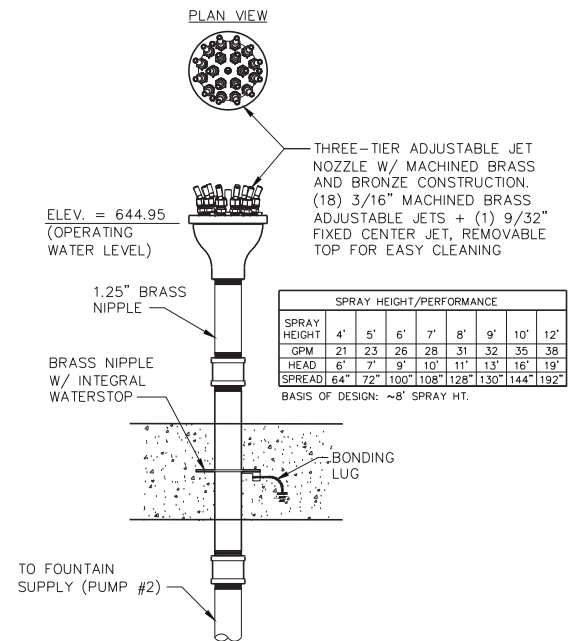


**VENT CAP**  
SCALE: NTS

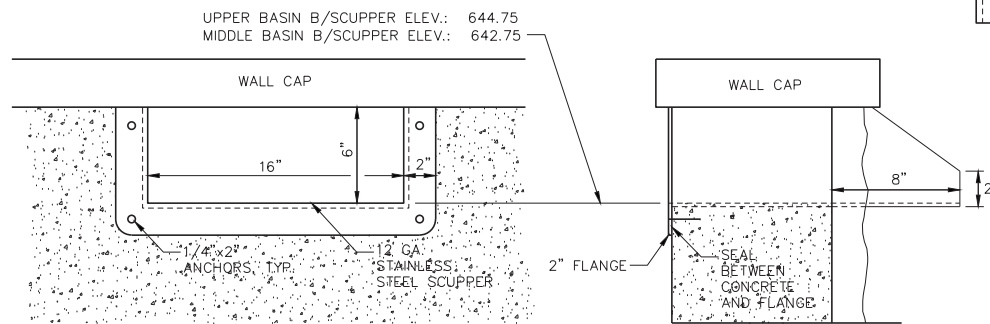
FOUNTAIN COMPONENT BASIS OF DESIGN: ROMAN FOUNTAINS



**1/2\"/>**



**3-TIER, ADJUSTABLE FOUNTAIN NOZZLE**  
SCALE: NTS



**STAINLESS STEEL SCUPPER**  
SCALE: NTS

SPRAY HEIGHT/PERFORMANCE						
MAX. SPRAY HEIGHT	2'	4'	6'	8'	10'	14'
GPM	7.5	10.0	12.5	14.0	16.5	17.5
HEAD	4.0'	6.0'	8.0'	10.0'	12.0'	17.0'

BASIS OF DESIGN: ~11' SPRAY HT.

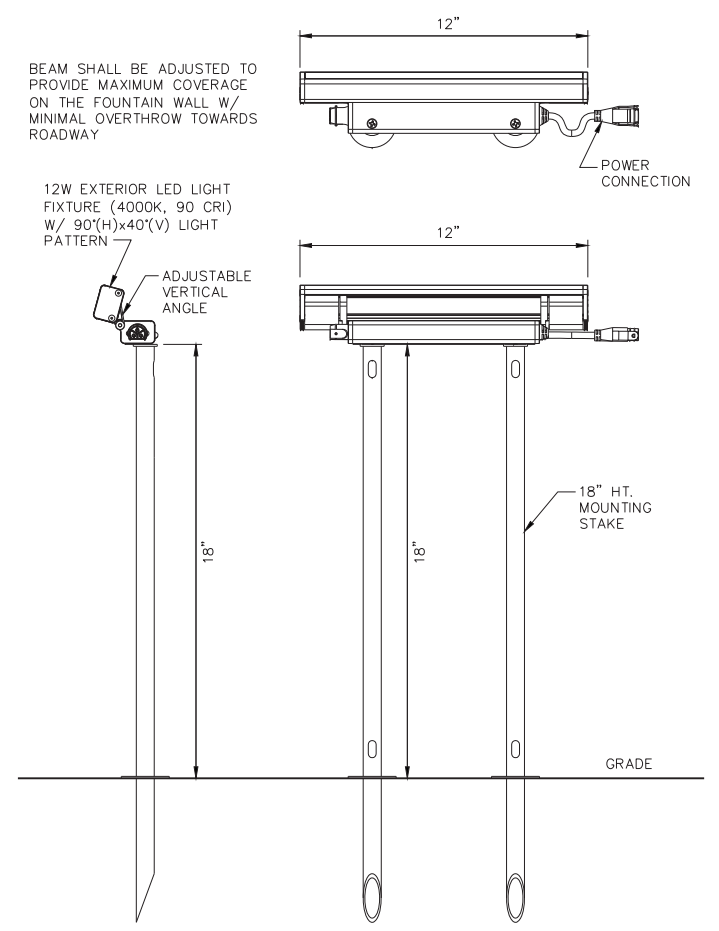
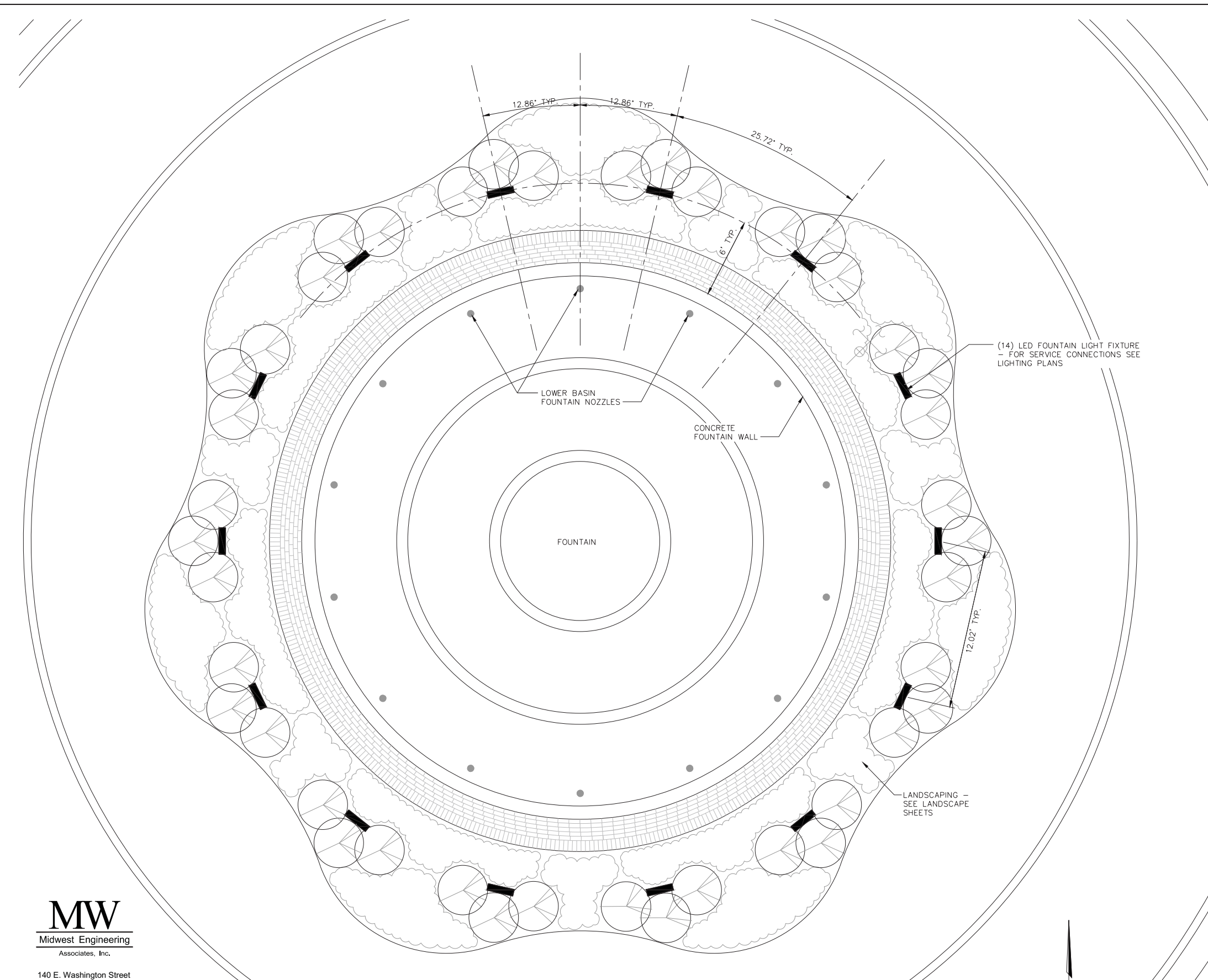
SPRAY HEIGHT/PERFORMANCE									
SPRAY HEIGHT	4'	5'	6'	7'	8'	9'	10'	12'	15'
GPM	21	23	26	28	31	32	35	38	
HEAD	6'	7'	9'	10'	11'	13'	16'	19'	
SPREAD	64"	72"	100"	108"	128"	130"	144"	192"	

BASIS OF DESIGN: ~8' SPRAY HT.



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**LED FOUNTAIN LIGHT FIXTURE**  
SCALE: NTS

**FOUNTAIN LIGHTING LAYOUT**  
SCALE: 1/4" = 1'-0"

**MW**  
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Associates, Inc.

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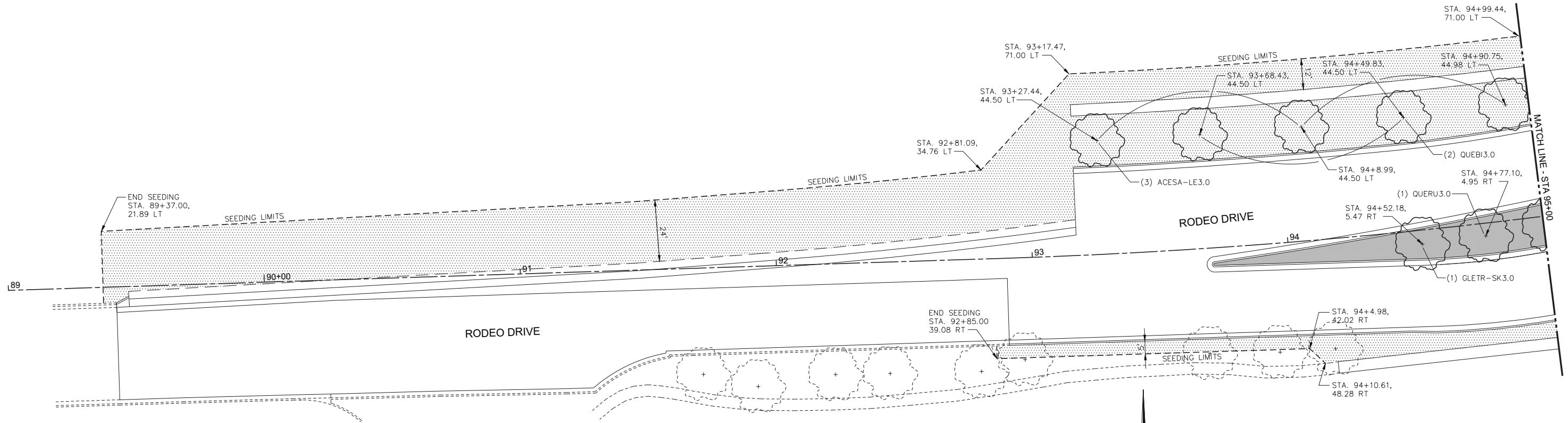
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DECORATIVE FOUNTAIN PLAN

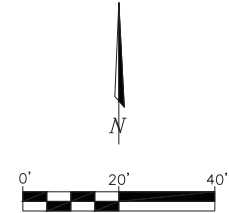
SCALE: SEE PLAN SHEET 67 OF 154 SHEETS STA. TO STA.

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**RODEO DRIVE LANDSCAPE PLAN**  
SCALE: 1" = 20'



- LEGEND**
- SHADE TREE
  - SHRUBS
  - NATIVE GRASSES
  - PERENNIALS
  - SODDING, SALT TOLERANT
  - SEEDING, CLASS 1A (SPECIAL)



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e-mail: upchurchgroup@upchurchgroup.com

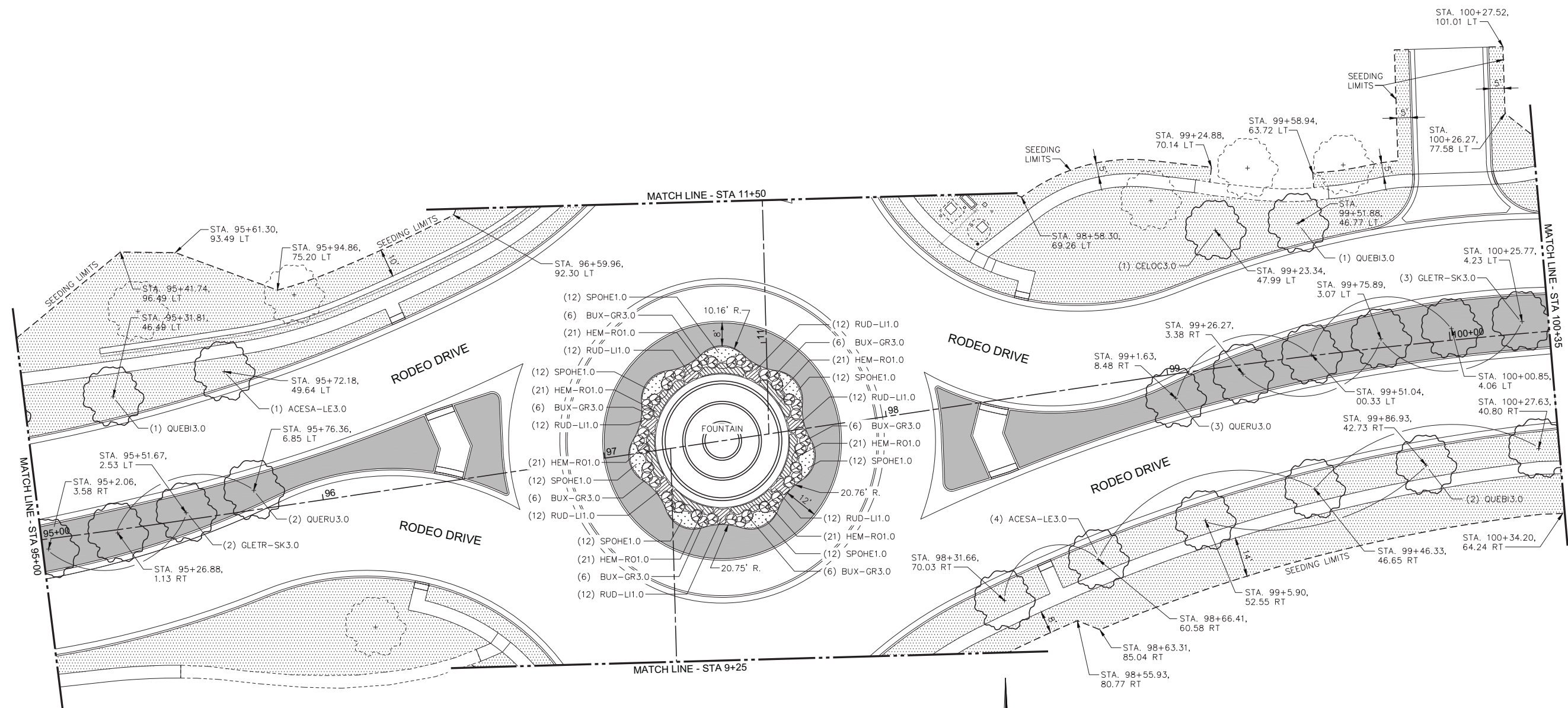
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TUG PROJECT NO. 3115011-01	DRAWN - NHP	REVISED - -----
PLOT SCALE = VARIES - SEE PLAN	CHECKED - CJD	REVISED - -----
PLOT DATE = 01/11/2019	DATE - 02/05/2019	REVISED - -----

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**RODEO DRIVE LANDSCAPE PLAN**  
SCALE: SEE PLAN SHEET 68 OF 154 SHEETS STA. 89+00.00 TO STA. 95+00.00

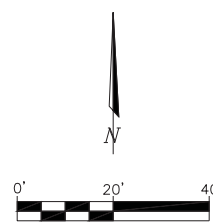
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	68
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F64	





**RODEO DRIVE LANDSCAPE PLAN**

SCALE: 1" = 20'



**LEGEND**

- SHADE TREE
- SHRUBS
- NATIVE GRASSES
- PERENNIALS
- SODDING, SALT TOLERANT
- SEEDING, CLASS 1A (SPECIAL)



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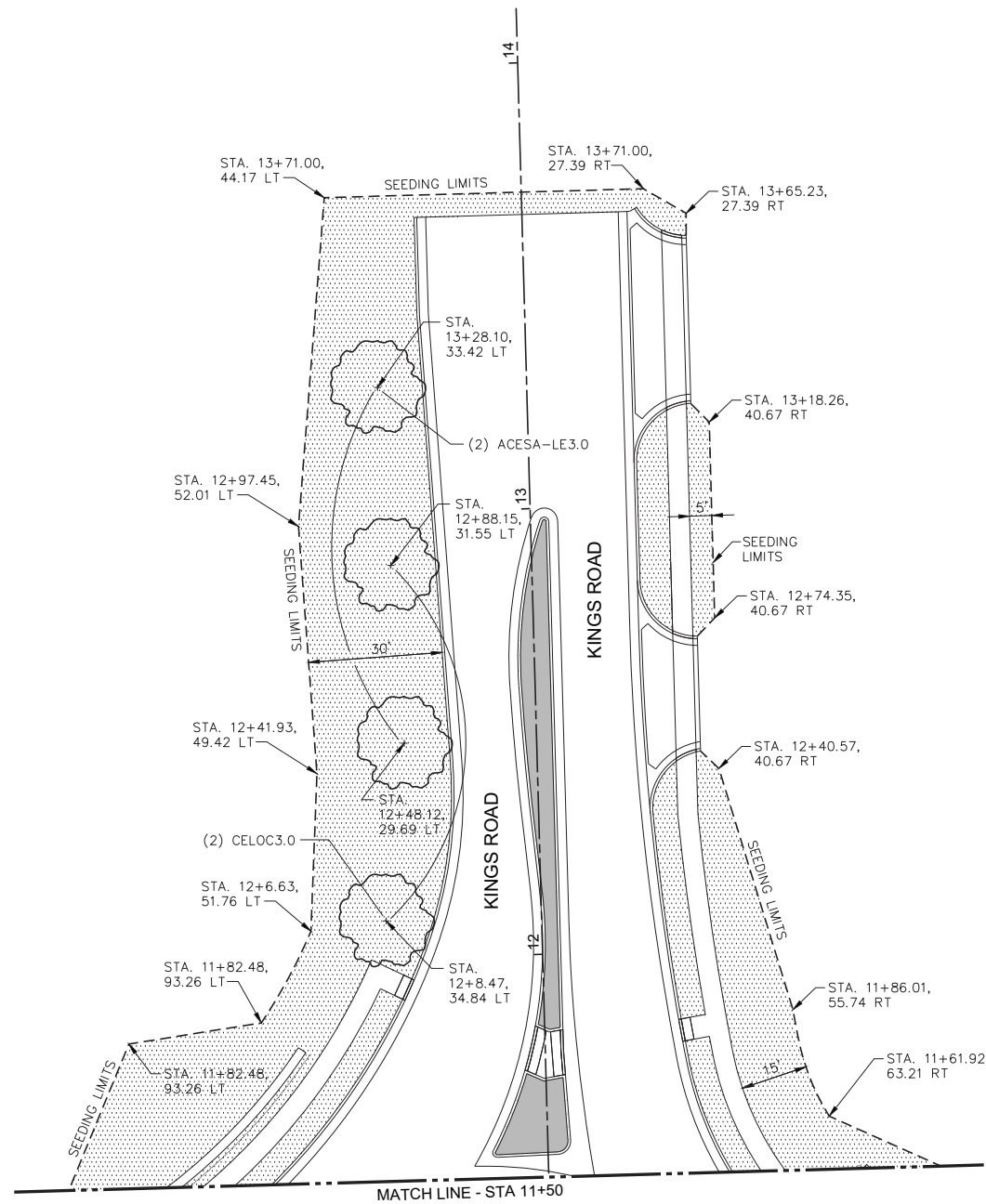
**The Upchurch Group**  
architects engineers surveyors  
Professional Design Firm Corporation  
123 North 15th Street  
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PLOT SCALE = VARIES - SEE PLAN	CHECKED - CJD	REVISED - -----
PLOT DATE = 01/11/2019	DATE - 02/05/2019	REVISED - -----

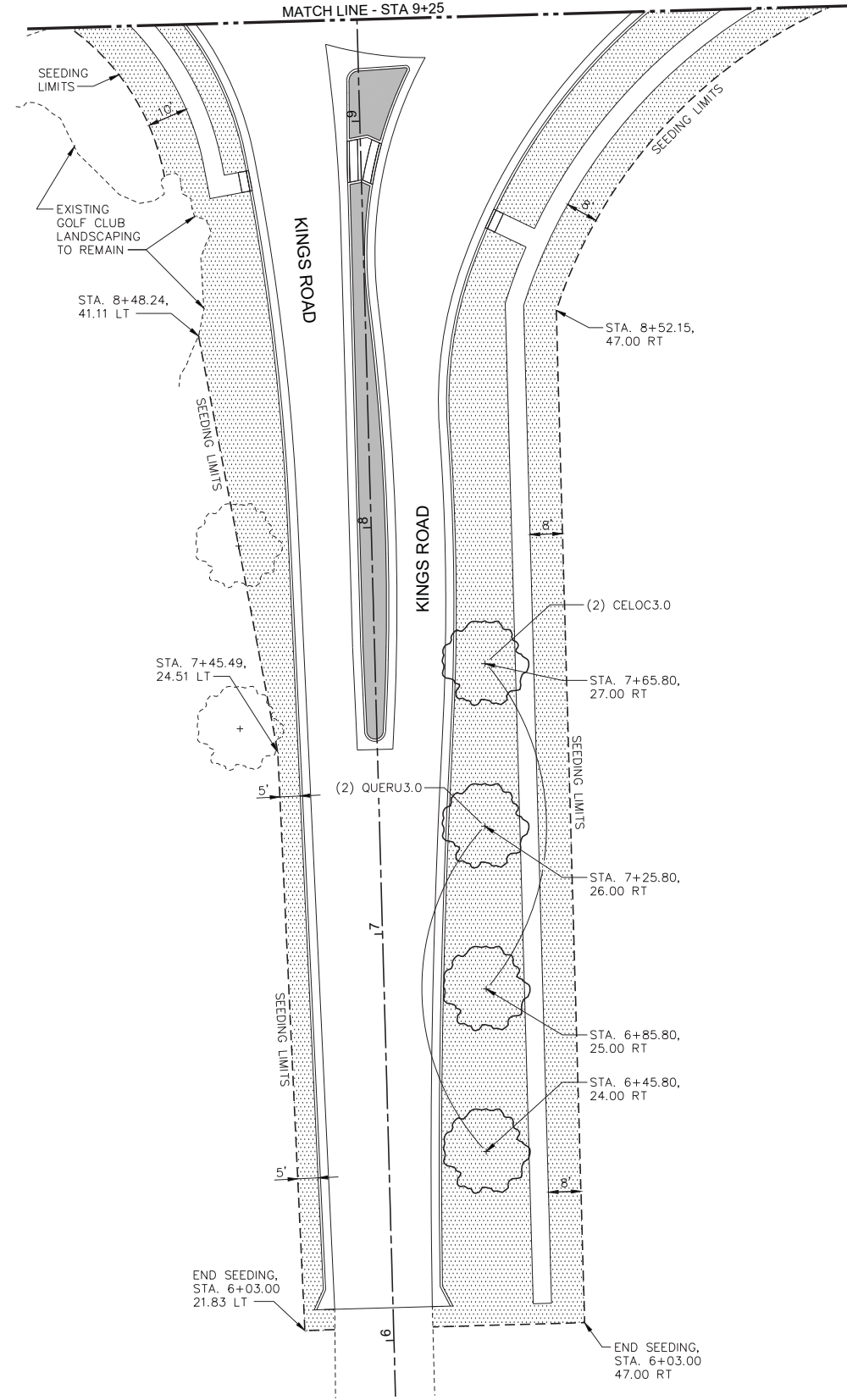
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

RODEO DRIVE LANDSCAPE PLAN  
SCALE: SEE PLAN SHEET 69 OF 154 SHEETS STA. 95+00.00 TO STA. 103+35.00

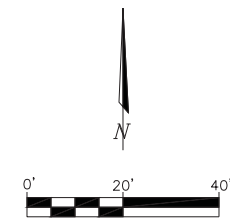
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3767	14-00058-00-CH	WILL	154	69
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				



**KINGS ROAD LANDSCAPE PLAN**  
SCALE: 1" = 20'



**KINGS ROAD LANDSCAPE PLAN**  
SCALE: 1" = 20'



**LEGEND**

- SHADE TREE
- SHRUBS
- NATIVE GRASSES
- PERENNIALS
- SODDING, SALT TOLERANT
- SEEDING, CLASS 1A (SPECIAL)



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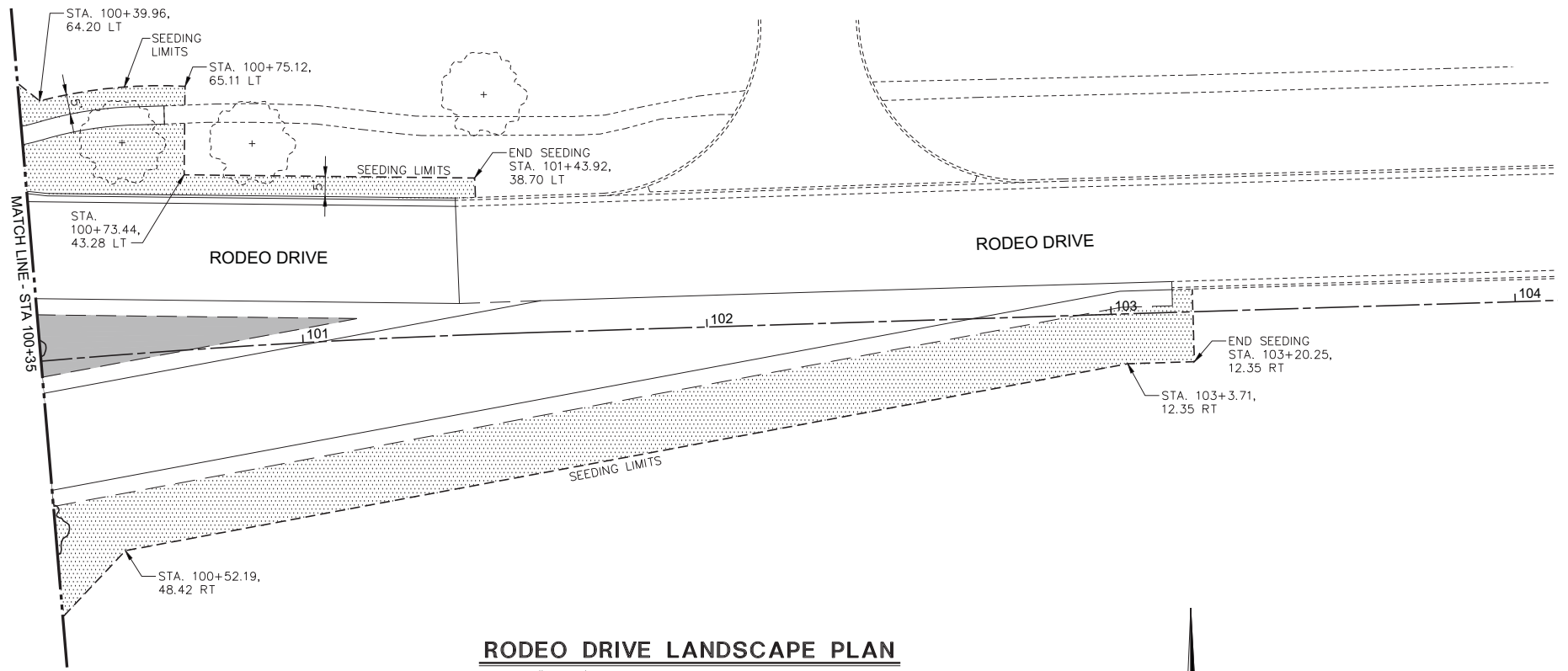
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PLOT SCALE = VARIES - SEE PLAN	CHECKED - CJD	REVISED -
PLOT DATE = 01/11/2019	DATE - 02/05/2019	REVISED -

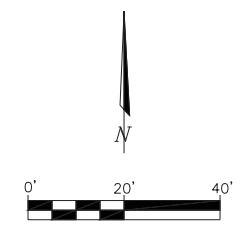
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

<b>KINGS ROAD LANDSCAPE PLAN</b>			
SCALE: SEE PLAN	SHEET 70	OF 154 SHEETS	STA. 6+00/11+50 TO STA. 9+25/14+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	70
CONTRACT NO. 61F64			ILLINOIS FED. AID PROJECT	



**RODEO DRIVE LANDSCAPE PLAN**  
SCALE: 1" = 20'



- LEGEND**
- SHADE TREE
  - SHRUBS
  - NATIVE GRASSES
  - PERENNIALS
  - SODDING, SALT TOLERANT
  - SEEDING, CLASS 1A (SPECIAL)



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PLOT SCALE = VARIES - SEE PLAN	CHECKED - CJD	REVISED - -----
PLOT DATE = 01/11/2019	DATE - 02/05/2019	REVISED - -----

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RODEO DRIVE LANDSCAPE PLAN

SCALE: SEE PLAN SHEET 71 OF 154 SHEETS STA. 100+35.00 TO STA. 104+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	71
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				

**PLANTING SCHEDULE**

**SHADE / ORNAMENTAL TREES**

CODE	QUANTITY	LATIN NAME	COMMON NAME	SIZE	REMARKS
ACESA-LE3.0	10	Acer saccharum 'Legacy'	'Legacy' Sugar Maple	3.0" DIA.	B&B
CELOC3.0	5	Celtis occidentalis	Hackberry	3.0" DIA.	B&B
GLETR-SK3.0	6	Gleditsia triacanthos var. inermis 'Skyline'	'Skyline' Honey Locust	3.0" DIA.	B&B
QUEBI3.0	6	Quercus bicolor	Swamp White Oak	3.0" DIA.	B&B
QUERU3.0	8	Quercus rubra	Red Oak	3.0" DIA.	B&B

**SHRUBS**

CODE	QUANTITY	LATIN NAME	COMMON NAME	SIZE	REMARKS
BUX-GR3.0	42	Buxus 'Green Velvet'	'Green Velvet' Boxwood	3 Gal.	24" HT.

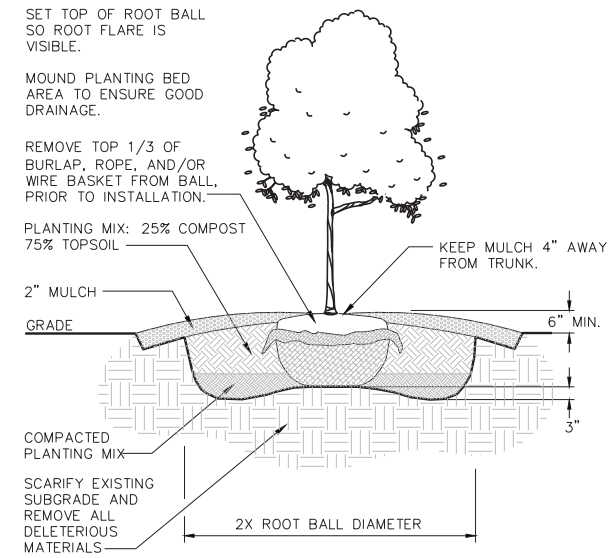
**PERENNIALS / GRASSES**

CODE	QUANTITY	LATIN NAME	COMMON NAME	SIZE	REMARKS
HEM-RO1.0	147	Hemerocallis 'Rosy Returns'	Rosy Returns Daylily	1 Gal.	18" O.C.
RUD-LI1.0	84	Rudbeckia x 'Little Goldstar'	'Little Goldstar' Black-Eyed Susan	1 Gal.	18" O.C.
SPOHE1.0	84	Sporobolus heterolepis	Prairie Dropseed	1 Gal.	24" O.C.

THE QUANTITIES LISTED ABOVE ARE FOR THE CONTRACTOR'S CONVENIENCE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR THE QUANTITIES SHOWN ON THE PLANS. NO PLANT SUBSTITUTIONS WILL BE ALLOWED WITHOUT PRIOR APPROVAL FROM THE LANDSCAPE ARCHITECT.

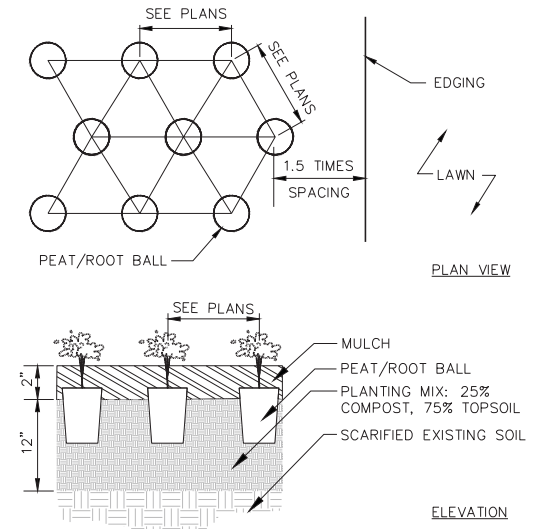
**GENERAL PLANTING NOTES:**

- FOR THE FOLLOWING ITEMS, THE CONTRACTOR SHALL SCALE FROM THE DRAWINGS, STAKE THE LOCATIONS, AND RECEIVE WRITTEN APPROVAL FROM THE ENGINEER PRIOR TO INSTALLATION:
  - ALL EDGING FOR ALL PLANTING BEDS
  - SHADE TREES
- VERIFY ALL GRADES PRIOR TO STARTING THE WORK. PRIOR TO INSTALLATION OF THE WORK, NOTIFY THE ENGINEER OF ANY POTENTIAL GRADING ISSUES. DO NOT PROCEED WITH THE WORK UNTIL THE ENGINEER HAS PROVIDED WRITTEN AUTHORIZATION FOR ANY CHANGES TO THE GRADING PLAN.
- COORDINATE ALL PLANT MATERIAL LOCATIONS WITH UNDERGROUND UTILITIES. UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING EXACT LOCATIONS OF UTILITIES. CONFLICTS SHALL BE REFERRED TO THE ENGINEER FOR RESOLUTION. DO NOT PROCEED WITH PLANTING WITHOUT WRITTEN INSTRUCTIONS. CALL J.U.L.I.E. 1-800-892-0123
- ALL PLANT MATERIAL SHALL CONFORM TO THE CURRENT ISSUE OF THE AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1 - LATEST EDITION), PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN (AAN).



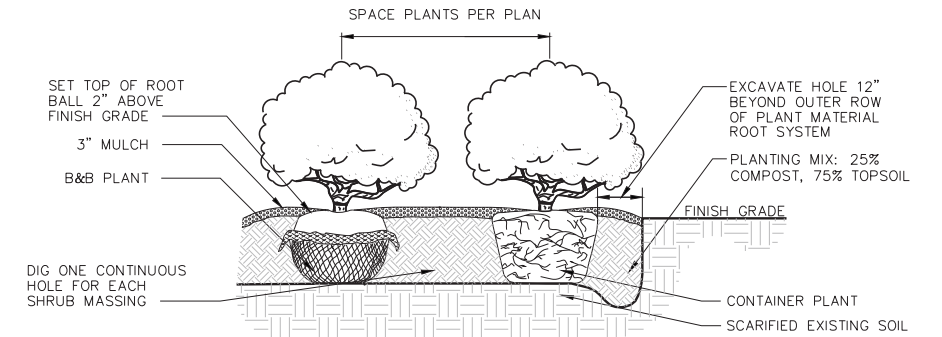
**BASIC TREE DETAIL**

SCALE: NTS



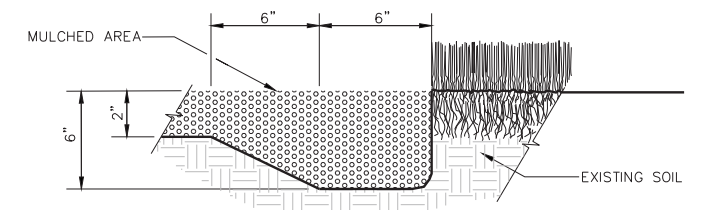
**BASIC GROUNDCOVER DETAIL**

SCALE: NTS



**BASIC SHRUB DETAIL**

SCALE: NTS



UNIFORMLY EDGE BEDS TO PROVIDE A CLEAR CUT DIVISION LINE BETWEEN PLANTING AREA AND ADJACENT LAWN. FORM BED SHAPE AS INDICATED ON DRAWING.

**TRENCH EDGE DETAIL**

SCALE: NTS



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PLOT DATE = 01/11/2019	DATE - 02/05/2019	REVISED - -----

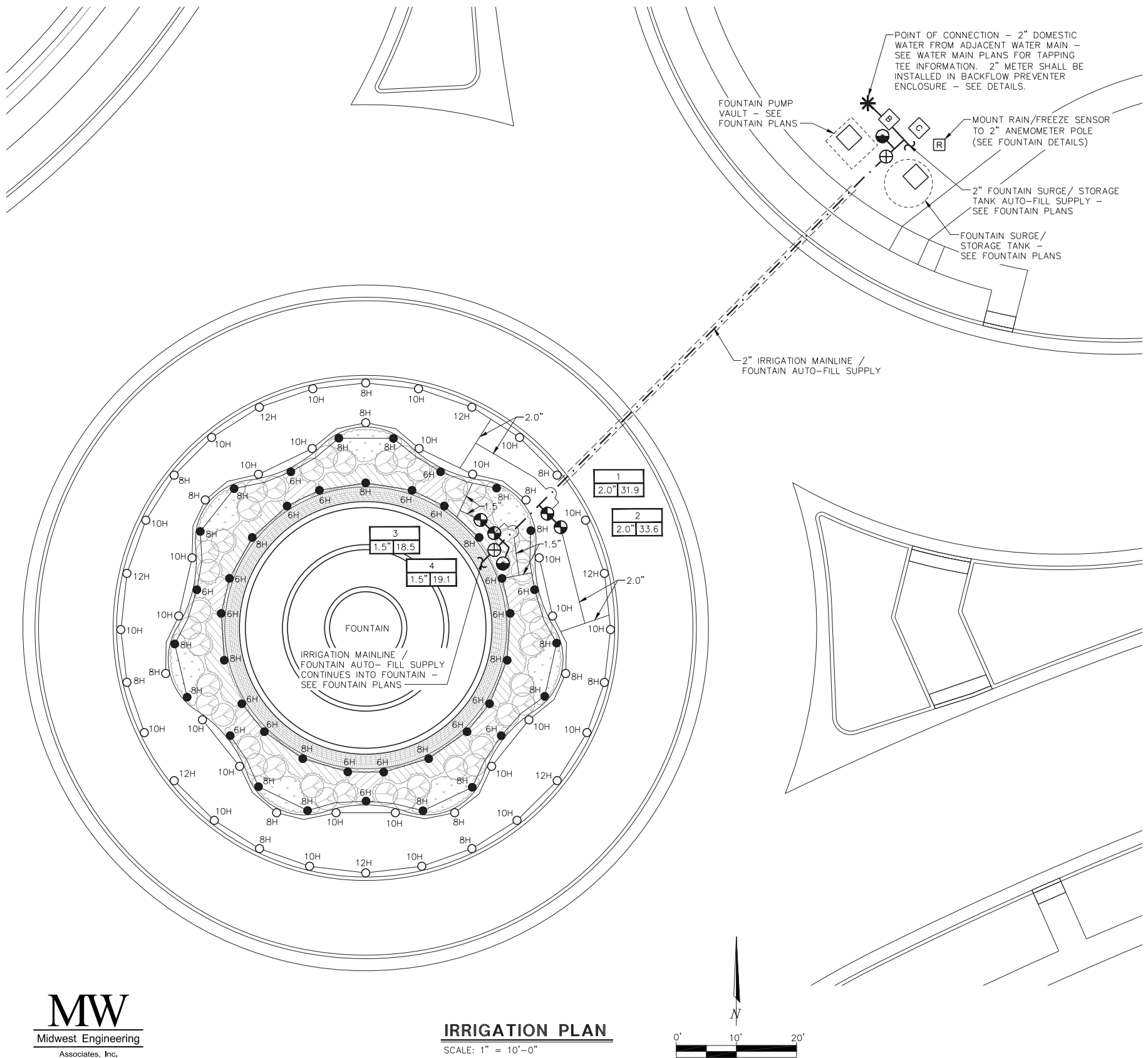
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LANDSCAPE NOTES, DETAILS, AND SCHEDULE

SCALE: SEE PLAN SHEET 72 OF 154 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	72
			CONTRACT NO. 61F64	
ILLINOIS FED. AID PROJECT				





**IRRIGATION LEGEND / SCHEDULE**

SYMBOL	DESCRIPTION	SIZE / TYPE	NOTES
●	ZONE VALVE	1.5" OR 2" IRRIGATION SOLENOID VALVE	SEE PLAN FOR SIZE, VERIFY COMPATIBILITY WITH CONTROLLER
○	QUICK COUPLER	3/4" QUICK COUPLER W/ LOCKABLE RUBBER COVER	FURNISH (2) QC KEYS TO OWNER
●	12" SPRAY HEAD W/ VAN	12" SPRAY HEAD W/ PRESSURE REGULATOR (45PSI) AND CHECK-VALVE SEAL TO PREVENT "LOW-HEAD" LEAKAGE. NOZZLE SHALL BE VARIABLE ARC NOZZLE (VAN) OF THE SIZE SPECIFIED ON THE PLAN W/ FLOW RATES AS FOLLOWS: 6H - 0.6GPM 8H - 1.19GPM 10H - 1.45GPM 12H - 1.18 GPM.	FIELD ADJUST PATTERN & DISTANCE
○	4" SPRAY HEAD W/ VAN	12" SPRAY HEAD W/ PRESSURE REGULATOR (45PSI) AND CHECK-VALVE SEAL TO PREVENT "LOW-HEAD" LEAKAGE. NOZZLE SHALL BE VARIABLE ARC NOZZLE (VAN) OF THE SIZE SPECIFIED ON THE PLAN W/ FLOW RATES AS FOLLOWS: 6H - 0.6GPM 8H - 1.19GPM 10H - 1.45GPM 12H - 1.18 GPM.	FIELD ADJUST PATTERN & DISTANCE
⊕	GATE VALVE	2", BRASS, NON-RISING STEM	
—	LATERAL LINE	1", 1.5", OR 2" CLASS 200 PVC	12" MIN. DEPTH - SIZE IS 1" UNLESS OTHERWISE NOTED
— · —	MAIN LINE	2" P.V.C. CLASS 200	24" MIN. DEPTH FROM SURFACE GRADE IN TURF AREAS, 12" MIN. DEPTH FROM SUBGRADE IN PAVED AREAS
---	SLEEVE	4" CLASS 200 PVC	
*	POINT OF CONNECTION (POC)	2" POC	METER SHALL BE 2" AND BE INSTALLED WITHIN BACKFLOW PREVENTER ENCLOSURE (COORD. W/ WATER UTILITY).
C	CONTROLLER W/ SS PEDESTAL	COMMERCIAL GRADE IRRIGATION CONTROLLER SHALL HAVE THE FOLLOWING FEATURES: WATER WINDOWS BY PROGRAM CYCLE+SOAK BY STATION RAIN DELAY 365-DAY CALENDAR DAY OFF PROGRAM WEATHER SENSOR PROGRAM BY STATION, SEASONAL MONTHLY ADJUST	
B	BACKFLOW PREVENTER	2" REDUCED PRESSURE ZONE BACKFLOW PREVENTER IN HEATED FIBERGLASS ENCLOSURE (METER SHALL ALSO BE INSTALLED IN ENCLOSURE)	ENCLOSURE SHALL BE SIZED TO ACCOMMODATE ALL EQUIPMENT - SEE DETAILS
R	RAIN SENSOR	RAIN/FREEZE SENSOR W/ UP TO 48 HOUR DELAY	RAIN SENSOR SHALL BE MOUNTED TO THE 2" ANEMOMETER POLE - SEE DETAILS

ZONE LABEL	DESIGN INFORMATION
VALVE NO. — 1	SPRAY ZONE PRESSURE: 45 PSI
VALVE SIZE — 1.0" 12.3	ZONE FLOW (GPM)

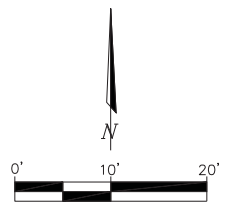
**IRRIGATION GENERAL NOTES:**

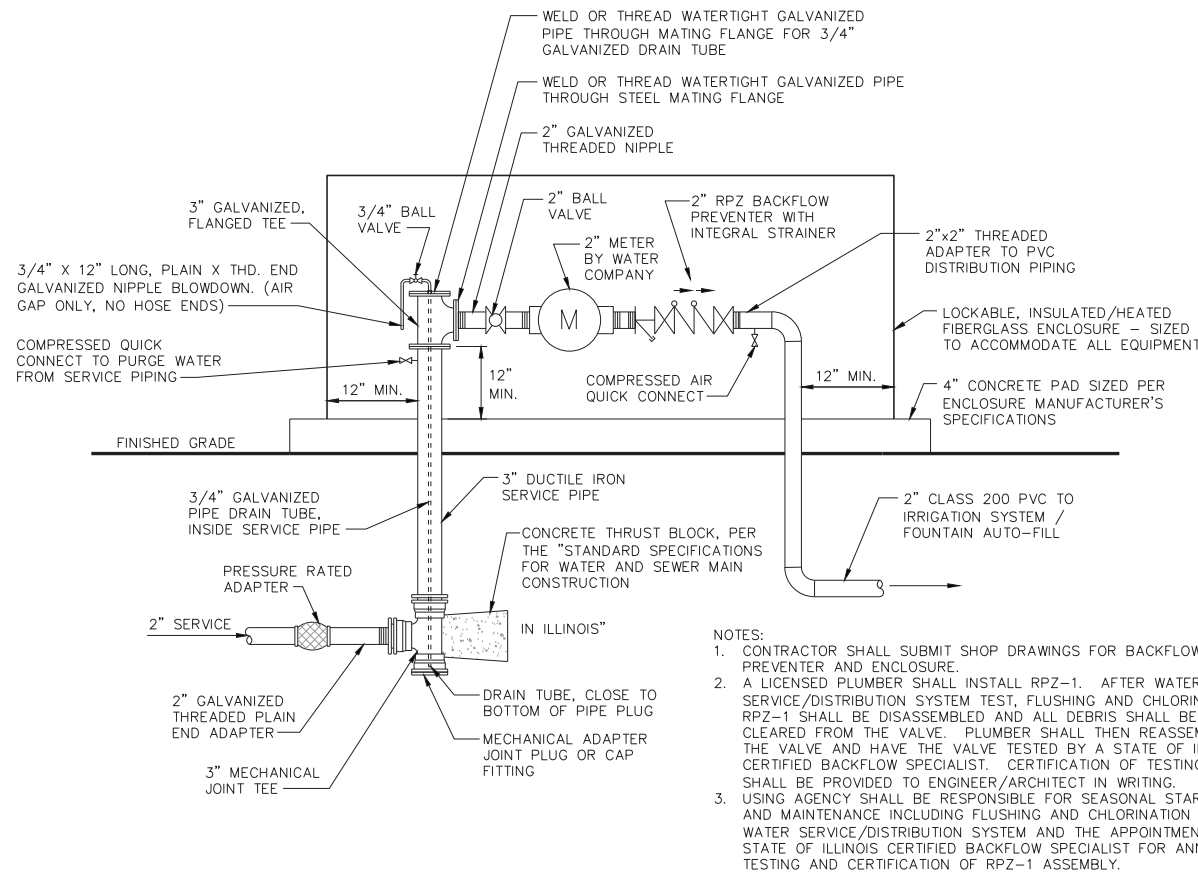
- IRRIGATION LINES SHOWN ARE DIAGRAMMATIC. EXACT LOCATIONS OF PIPING SHALL BE ESTABLISHED IN THE FIELD AT THE TIME OF CONSTRUCTION. CONTRACTOR SHALL PROVIDE 100% WATER-COVERAGE OF ALL PLANTED (TURF, SHRUBS, AND GROUNDCOVER) AREAS WITH THE CENTRAL ROUNDABOUT.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL IRRIGATION COMPONENTS.
- THE CONTRACTOR SHALL STAKE OR MARK THE LOCATION OF THE FOLLOWING EQUIPMENT AND REVIEW WITH THE ENGINEER PRIOR TO INSTALLATION:
  - ALL PIPE RUNS
  - QUICK COUPLER LOCATIONS
  - GATE VALVE LOCATIONS
  - ZONE VALVE LOCATIONS
- COMPLY WITH REQUIREMENTS OF UTILITY SUPPLYING WATER FOR THE BACKFLOW PREVENTION, THE REQUIREMENTS OF ANY JURISDICTIONAL AUTHORITY, AND ANY OTHER APPLICABLE REQUIREMENTS.
- PROVIDE A HYDROSTATIC PRESSURE TEST OF THE MAINLINE (WITH THE OWNER PRESENT). TESTING PRESSURE SHALL BE 150 PSI FOR TWO HOURS WITH A MAXIMUM PERMISSIBLE PRESSURE DROP OF TWO POUNDS, AFTER THE TEMPERATURE HAS STABILIZED. SUBMIT TEST RESULTS TO THE OWNER.
- CONTRACTOR SHALL PERFORM A ONE-TIME SYSTEM WINTERIZATION AND A ONE-TIME FIRST SEASON REACTIVATION SERVICE. CONTRACTOR SHALL COORDINATE WITH USING AGENCY TO SCHEDULE A TIME FOR THE SERVICES TO BE PERFORMED. SERVICE SHALL INCLUDE INSTRUCTIONS TO USING AGENCY FOR SEQUENCE OF EVENTS FOR DRAINING THE SYSTEM AND THE SEASONAL START-UP.
- AT THE END OF THE PROJECT, THE CONTRACTOR SHALL SUBMIT OPERATIONS AND MAINTENANCE MANUALS, HYDROSTATIC TEST RECORDS, AND WRITTEN ONE-YEAR GUARANTEE OF ALL MATERIALS AND LABOR.



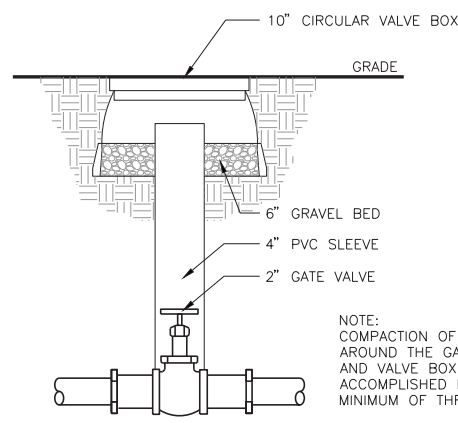
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**IRRIGATION PLAN**  
SCALE: 1" = 10'-0"

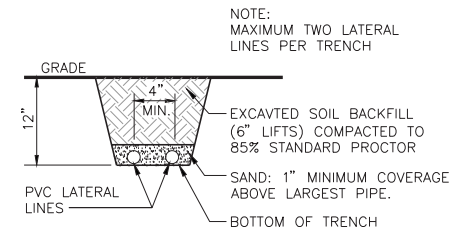




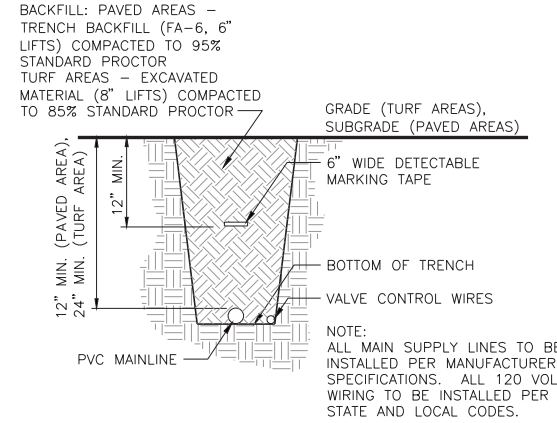
**SERVICE RISER / BACKFLOW PREVENTER**  
SCALE: NTS



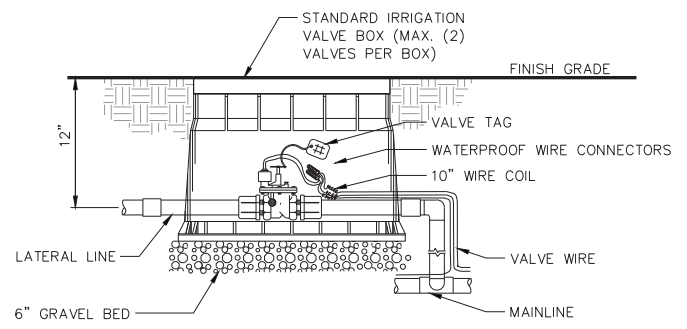
**MANUAL GATE VALVE**  
SCALE: NTS



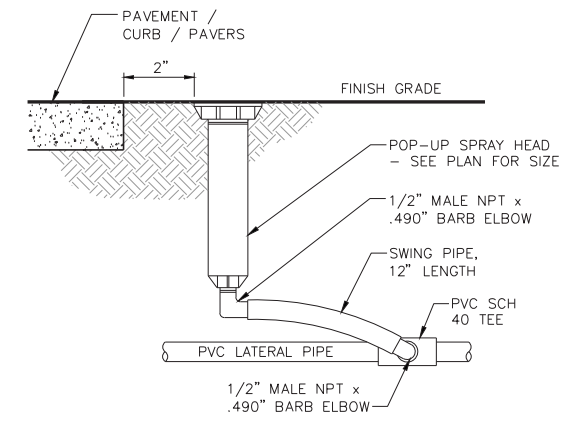
**TYPICAL LATERAL TRENCH**  
SCALE: NTS



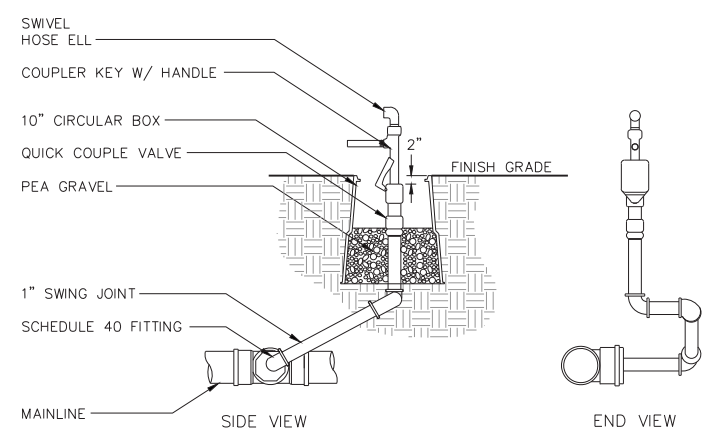
**TYPICAL MAINLINE TRENCH**  
SCALE: NTS



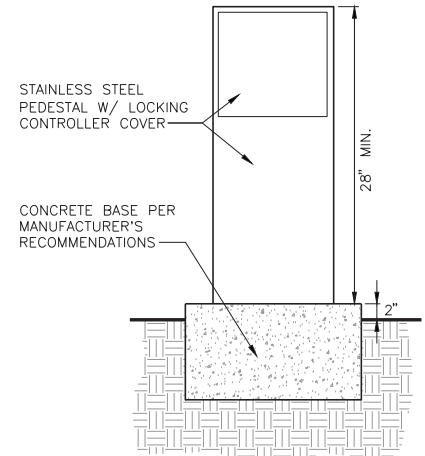
**SOLENOID VALVE / VALVE BOX**  
SCALE: NTS



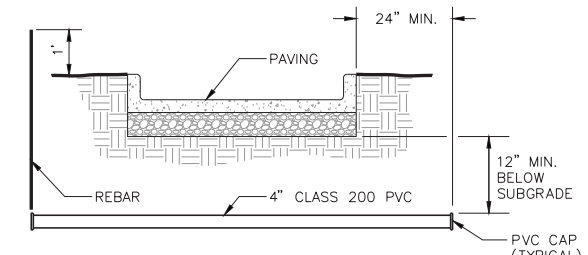
**TYPICAL SPRAY HEAD**  
SCALE: NTS



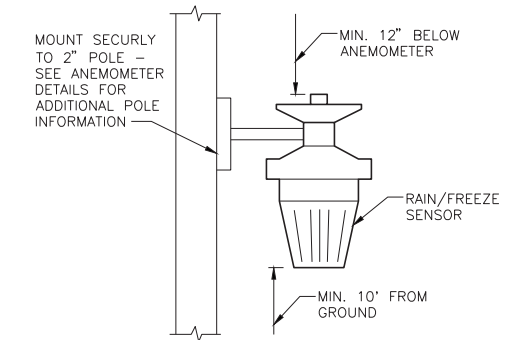
**TYPICAL QUICK COUPLER VALVE**  
SCALE: N.T.S.



**CONTROLLER PEDESTAL**  
SCALE: NTS



**IRRIGATION SLEEVE**  
SCALE: NTS



**RAIN/FREEZE SENSOR**  
SCALE: NTS



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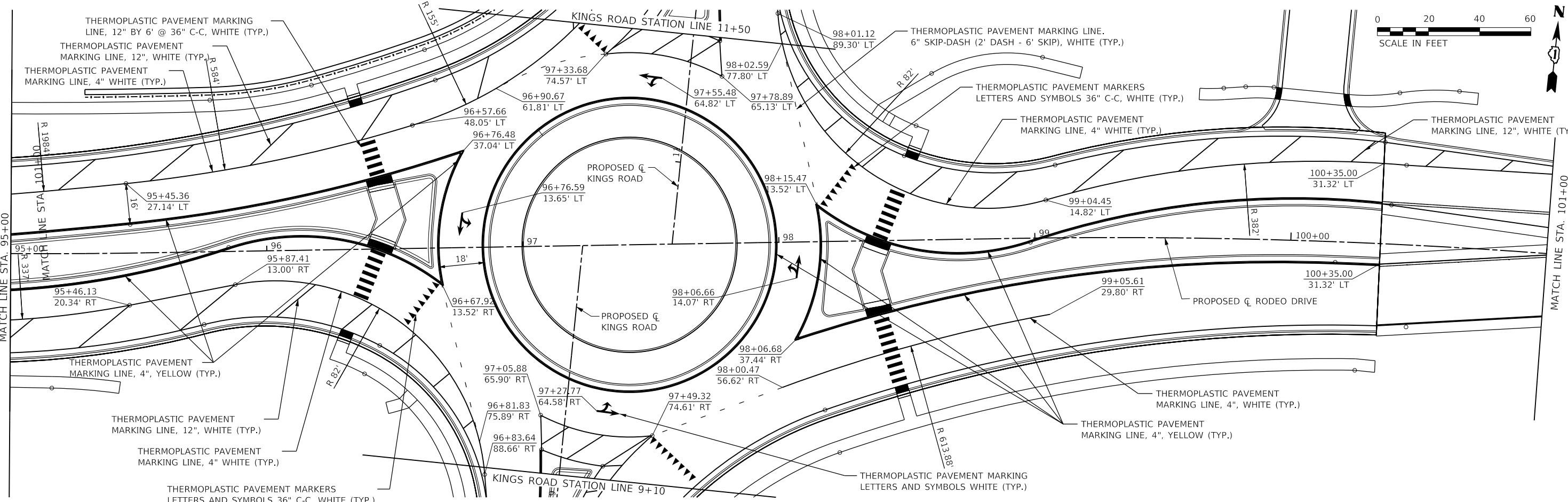
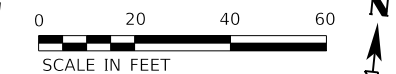
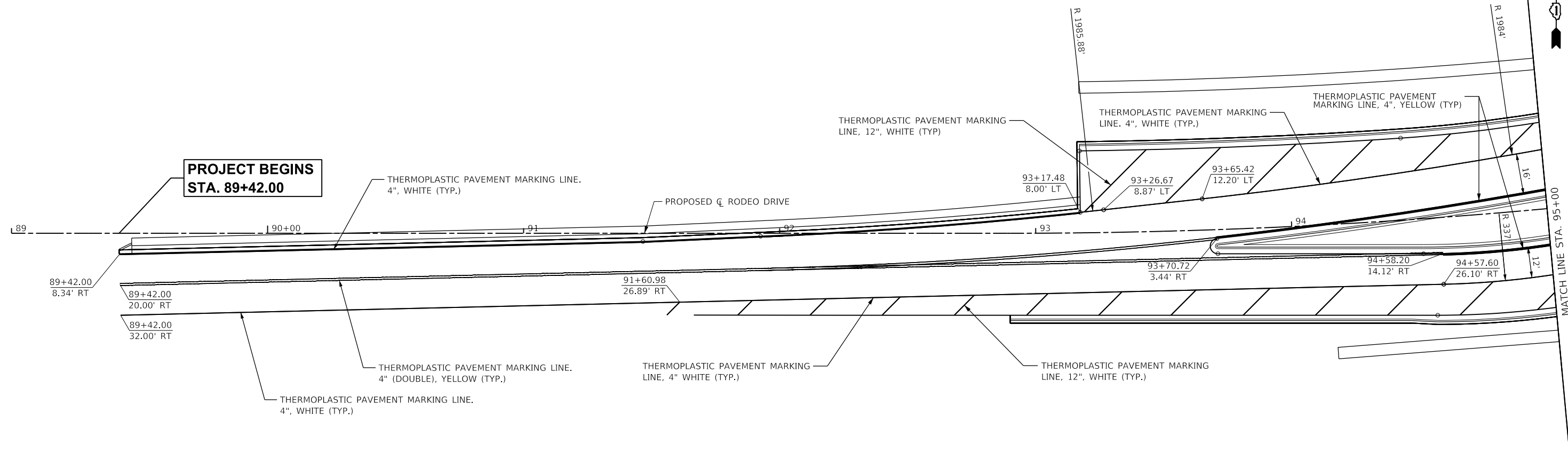
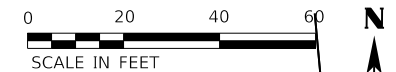
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PLOT SCALE = VARIES - SEE PLAN	CHECKED - DMR	REVISED -
PLOT DATE = 01/11/2019	DATE - 02/05/2019	REVISED -

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IRRIGATION DETAILS

SCALE: SEE PLAN SHEET 74 OF 154 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	74
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				



MODEL: 44002ELN.MXD  
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 e-mail: upchurchgroup@upchurchgroup.com

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 architects engineers surveyors  
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USER NAME = Sta10  
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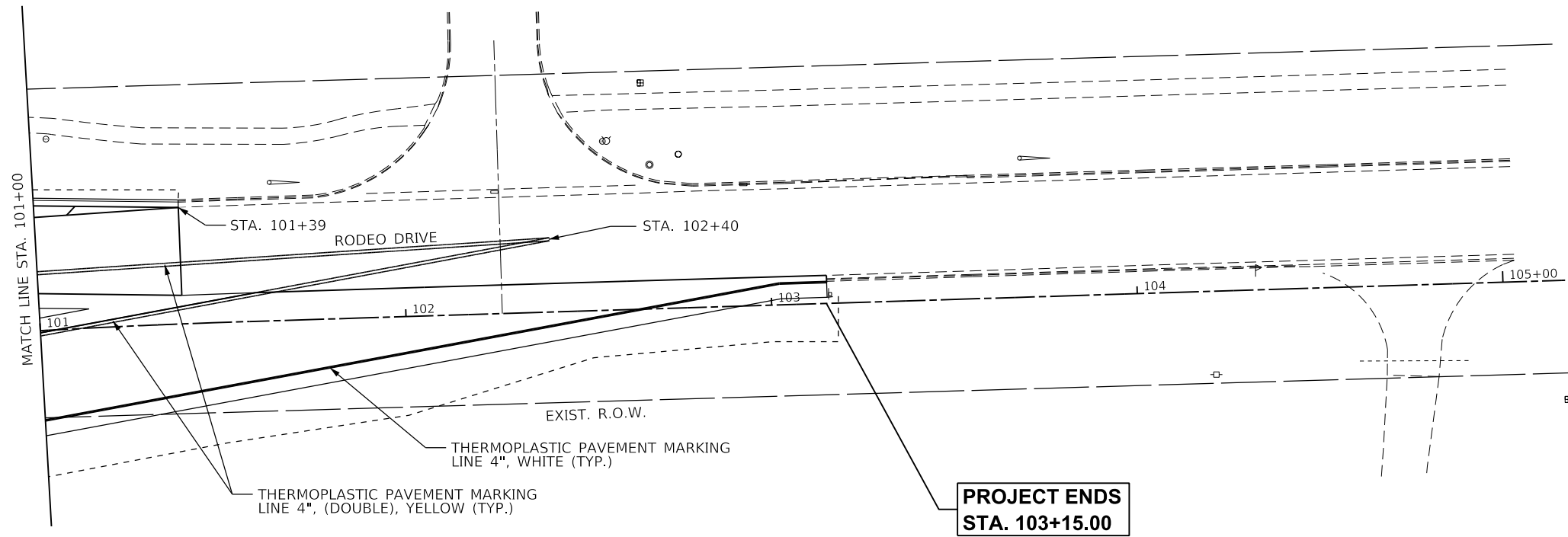
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**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**RODEO DRIVE  
 PAVEMENT MARKING PLAN**

SCALE: 40,0000 ' / in SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	75
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				



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PLOT SCALE = 40.0000 ' / in.	CHECKED - SJF	REVISED -
PLOT DATE = 2/12/2019	DATE -	REVISED -

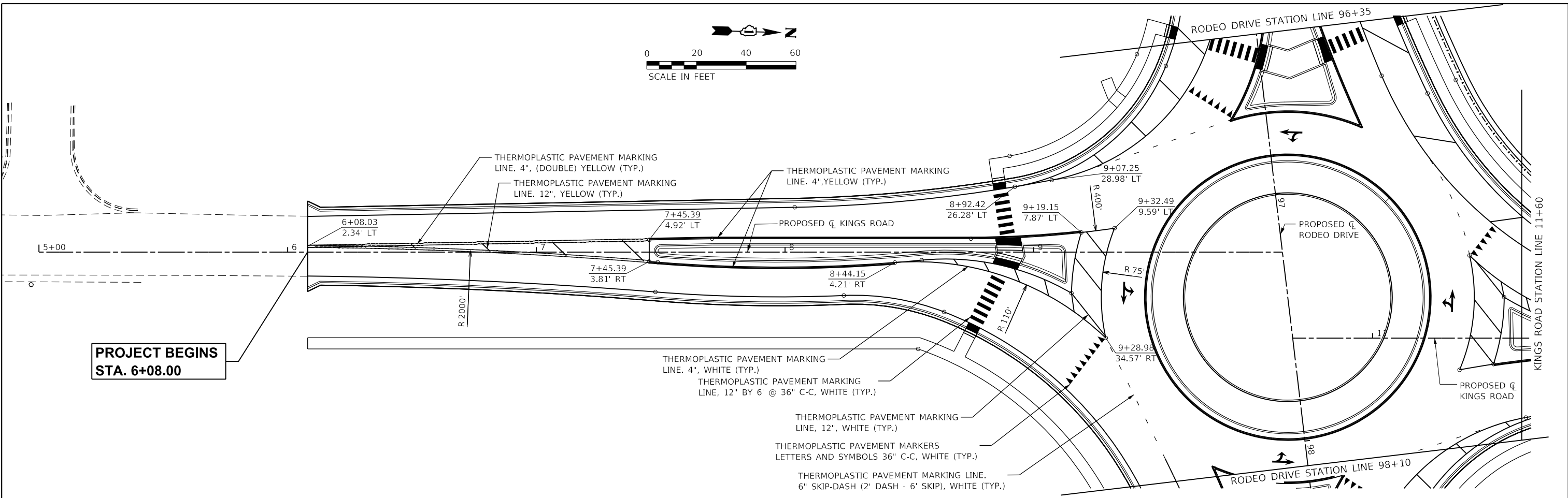
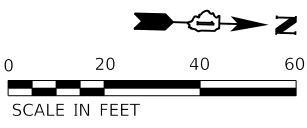
**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**RODEO DRIVE  
 PAVEMENT MARKING PLAN**

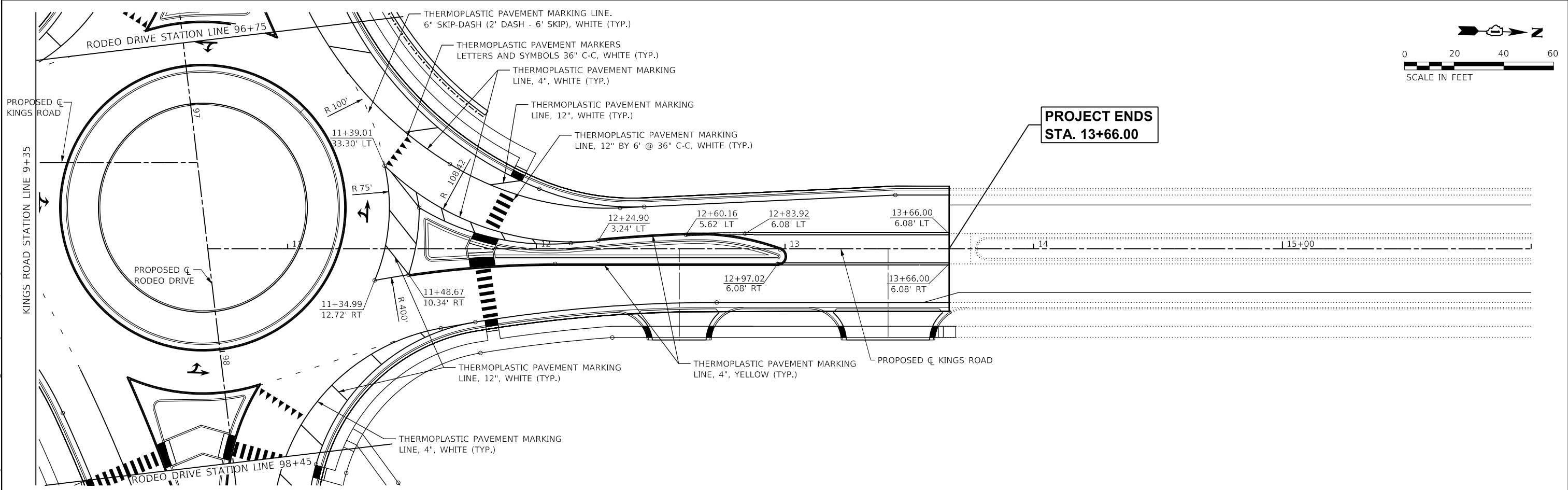
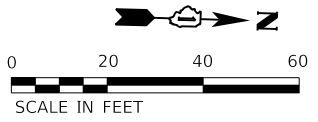
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	76
CONTRACT NO. 61F64				
		ILLINOIS	FED. AID PROJECT	





**PROJECT BEGINS  
STA. 6+08.00**



**PROJECT ENDS  
STA. 13+66.00**

MODEL: 44002ELN.MXD  
 FILE NAME: P:\CADD\Bolingbrook Roundabout\Phase 2\CADD\_Sheets\Bolingbrook\BAB-the-sms3.dwg  
 Professional Design Firm Corporation  
 License No. 184-003401  
 e-mail: upchurchgroup@upchurchgroup.com

**The Upchurch Group**  
 architects engineers surveyors  
 123 North 15th Street  
 Maitland, IL 61938  
 Phone: 217.235.5177

USER NAME = Sta10  
 TUG PROJECT NO. 3115011-01  
 PLOT SCALE = 40.0000 ' / in.  
 PLOT DATE = 2/12/2019

DESIGNED - SJF  
 DRAWN - SAE  
 CHECKED - SJF  
 DATE -







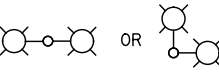





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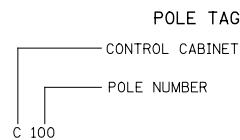
**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**KINGS ROAD  
 PAVEMENT MARKING PLAN**  
 SCALE: 40,0000 ' / in SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	77
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				

**SYMBOL LIST**

-  EXISTING POWER POLE WITH LIGHT TO BE REMOVED OR RELOCATED BY UTILITY
-  EXISTING LIGHT POLE TO REMAIN
-  EXISTING LIGHT POLE TO BE REMOVED AND SALVAGED
-  EXISTING LIGHT POLE ON NEW FOUNDATION
-  MAST ARM & LUMINAIRE INSTALL ONLY ON POLE
-  LIGHT POLE, ALUMINUM, 35 FT. M.H., 12 FT. MAST ARM WITH LUMINAIRE, 240 VOLT, WEATHERPROOF GFI FESTOON OUTLETS AND LIGHT POLE FOUNDATION. LUMINAIRE TYPE AND WATTAGE AS NOTED ON PLANS
-  LIGHT POLE, ALUMINUM, 35 FT. M.H., (2) 12 FT. MAST ARM WITH LUMINAIRES, 240 VOLT, WEATHERPROOF GFI FESTOON OUTLETS AND LIGHT POLE FOUNDATION. LUMINAIRE TYPE AND WATTAGE AS NOTED ON PLANS
-  EXISTING LIGHTING CONTROLLER
-  GROUND ROD
-  UTILITY TRANSFORMER POLE MOUNTED
-  UNIT DUCT. NO. AND SIZE OF WIRES AS NOTED ON PLANS
-  UNDERGROUND CONDUIT. SIZE AND LENGTH AS NOTED ON PLAN.

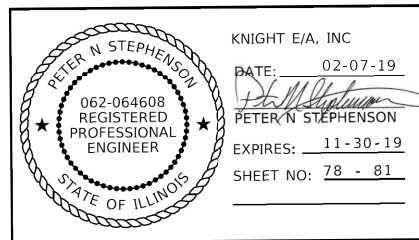


**ABBREVIATIONS**

- A AMPS
- DIA DIAMETER
- C CONDUIT
- CKT CIRCUIT
- GND GROUND
- FT FEET
- HPS HIGH PRESSURE SODIUM
- IDOT ILLINOIS DEPARTMENT OF TRANSPORTATION
- LT LEFT
- MC MEDIUM CUTOFF
- P PUSHED
- PC PHOTO CONTROL
- PH PHASE
- PVC POLYVINYL CHLORIDE CONDUIT
- RGSC RIGID GALVANIZED STEEL CONDUIT
- RT RIGHT
- STA STATION
- UNO UNLESS NOTED OTHERWISE
- V VOLTS
- W WATTS

**GENERAL NOTES**

1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS PROJECT, SPECIFICALLY AS THEY RELATE TO LUMP SUM ITEMS.
2. SPLICING OF CONDUCTORS SHALL BE IN POLE BASES OR WEATHER TIGHT JUNCTION BOXES ONLY. SPLICES BELOW GRADE WILL NOT BE PERMITTED.
3. LIGHTING CIRCUITS SHALL BE WIRED IN ACCORDANCE WITH THE PLANS. DEVIATIONS WILL NOT BE PERMITTED WITHOUT PRIOR APPROVAL OF THE ENGINEER.
4. THE CONTRACTOR SHALL REQUEST A FORMAL MAINTENANCE TRANSFER FOR VILLAGE MAINTAINED LIGHTING BEFORE ANY WORK BEGINS. THE CONTRACTOR SHALL CONTACT MATT MCDONALD WITH THE VILLAGE OF BOLINGBROOK ELECTRIC DEPARTMENT AT (630) 226-8831.
5. EXISTING ROADWAY LIGHTING SHALL BE OPERATIONAL AT ALL TIMES DURING CONSTRUCTION. IF NECESSARY, CONTRACTOR SHALL PROVIDE TEMPORARY LIGHTING.
6. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO RESTORE ANY SPECIALIZED LANDSCAPING (DECORATIVE ROCKS, PLANTS, ETC.).
7. ALL WORK SHALL CONFORM TO THE LATEST IDOT STANDARDS, SPECIAL PROVISIONS, SUPPLEMENTAL SPECIFICATIONS, THE NATIONAL ELECTRICAL CODE, AND THE NATIONAL ELECTRICAL SAFETY CODE.
8. ALL ELECTRICAL EQUIPMENT SHALL BE UL LISTED AND LABELED.
9. ALL CONDUITS SHALL BE SEALED.
10. ALL CIRCUIT WIRES SHALL BE LABELED WITH CIRCUIT IDENTIFICATION.
11. CIRCUITS SHALL BE TESTED PER SPECIFICATIONS.
12. THE LOCATIONS OF ALL PROPOSED EQUIPMENT ARE ILLUSTRATED DIAGRAMMATICALLY. THE ACTUAL LOCATION IN THE FIELD SHALL MEET THE APPROVAL OF THE ENGINEER.
13. GROUNDING CONDUCTORS SHALL BE CONTINUOUS, SPLICED AND BONDED TO EACH LIGHT POLE.
14. CONDUITS AND UNIT DUCTS SHALL BE INSTALLED AT A MINIMUM 30" DEPTH BELOW GRADE AND POSITIONED IN THE FIELD TO AVOID CONFLICT WITH ROADWAY UNDERDRAINS AND OTHER EXISTING AND PROPOSED UTILITIES. THE CONTRACTOR SHALL INCREASE DEPTH OF UNIT DUCT AND CONDUIT AS REQUIRED AT NO ADDITIONAL COST TO THE VILLAGE. THE CONTRACTOR SHALL COORDINATE RACEWAY DEPTH WITH THE ELECTRICAL DETAILS AND THE ENGINEER.
15. QUANTITIES OF CONDUIT AND WIRING, WHERE INDICATED ON THE PLANS, ARE APPROXIMATIONS ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL LENGTHS AND SHALL INSTALL RACEWAYS IN COMPLETE CONFORMANCE WITH SPECIFIED REQUIREMENTS.
16. A STAGING SCHEDULE FOR MATERIAL INSTALATION, REMOVAL AND APPROXIMATE DATE OF PROPOSED ENERGIZING OF PERMANENT LIGHTING SHALL BE SUBMITTED PRIOR TO THE COMMENCEMENT OF WORK TO ASSURE COORDINATION WITH EXPEDITED WORK SCHEDULE.
17. FURNISH AND INSTALL ONE (1) WEATHER PROOF GFI FESTOON DUPLEX RECEPTACLE ON EVERY NEW LIGHT POLE. ALL WIRING, FUSES AND NECESSARY ACCESSORIES, CONNECTIONS AND LABOR SHALL BE INCLUDED IN CONTRACTOR'S BID. NO ADDITIONAL PAYMENT WILL BE MADE.
18. PROVIDE A 5/8" DIA. X 10' LONG GROUND ROD AT THE BASE OF EACH LIGHTING UNIT.
19. THE SET BACK OF THE POLES SHALL BE 6' FROM BACK OF CURB TO FACE OF POLE.
20. SEE PROPOSED LIGHTING LAYOUT FOR LUMINAIRE BREAKDOWN.



**SUMMARY OF QUANTITIES (LIGHTING)**

ITEM	UNIT	QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	455
UNIT DUCT, 600V, 3-1/C NO.10, 1/C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	850
UNIT DUCT, 600V, 3-1/C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	446
UNIT DUCT, 600V, 3-1/C NO.2, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	850
UNIT DUCT, 600V, 6-1/C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 2" DIA. POLYETHYLENE	FOOT	1667
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	90
LUMINAIRE, LED, HORIZONTAL MOUNT, TYPE B	EACH	15
LIGHT POLE, ALUMINUM, 35 FT. M.H., 2-12 FT. MAST ARM	EACH	6
RELOCATE LIGHTING UNITS AND POLES	EACH	4
REMOVAL OF POLE FOUNDATION	EACH	4
MAST ARM, ALUMINUM, 12 FT.	EACH	1

MODEL: 4400ELNAMES  
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DRAWN - MB	REVISED -
CHECKED - CS	REVISED -
DATE -	REVISED -

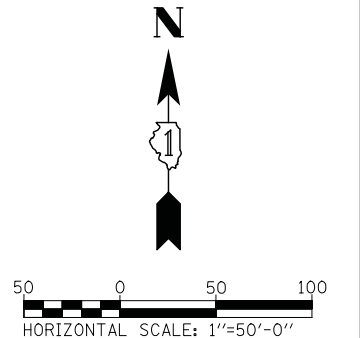
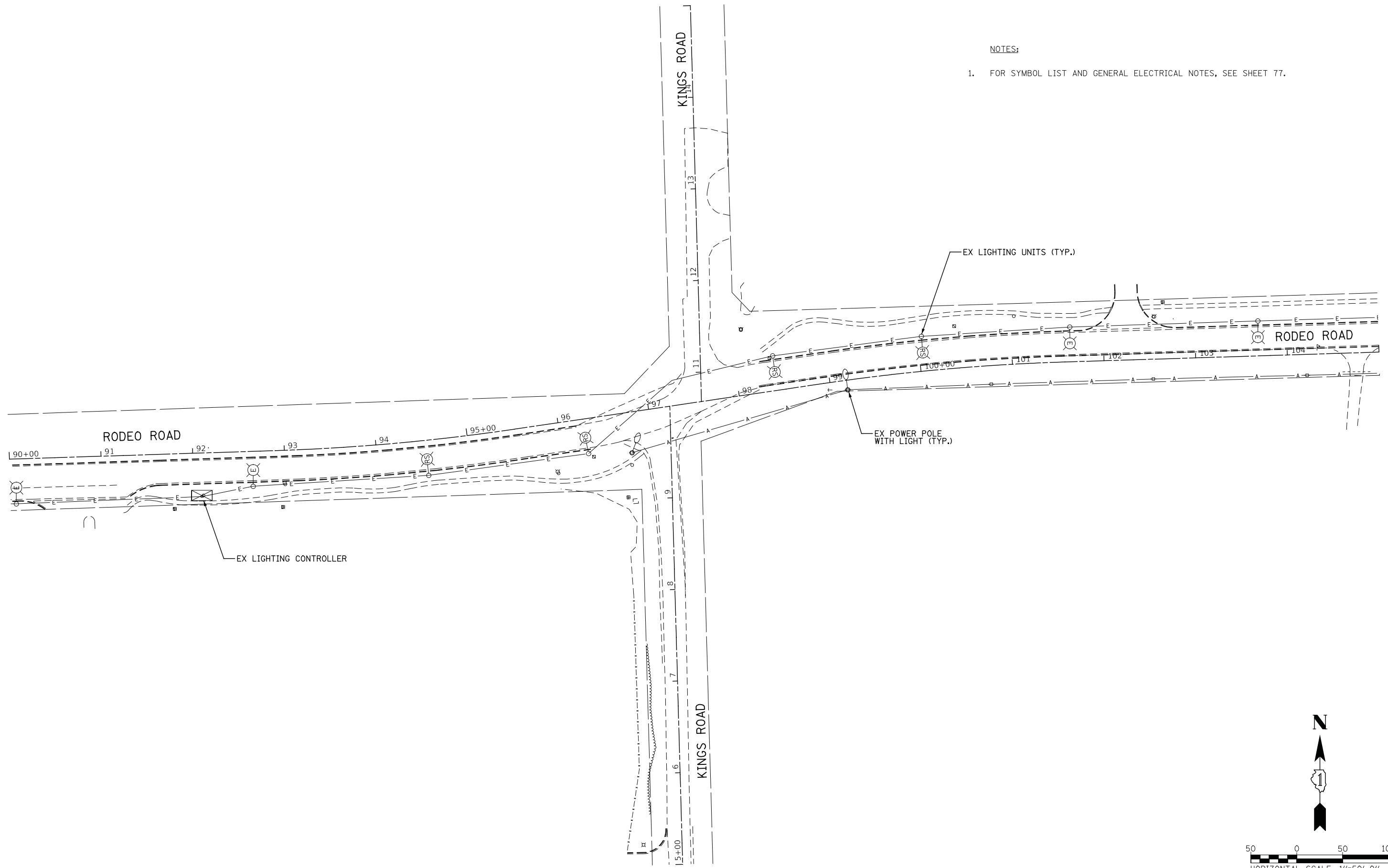
**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

<b>LIGHTING GENERAL NOTES</b>	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	78
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				

**NOTES:**

1. FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET 77.



MODEL: 4400ELNMMF5  
 FILE NAME: T:\2020\CAD\Sheets\Lighting\Bolingbrook\8AB-she-Lighting-001.dgn

**KNIGHT**  
Engineers & Architects

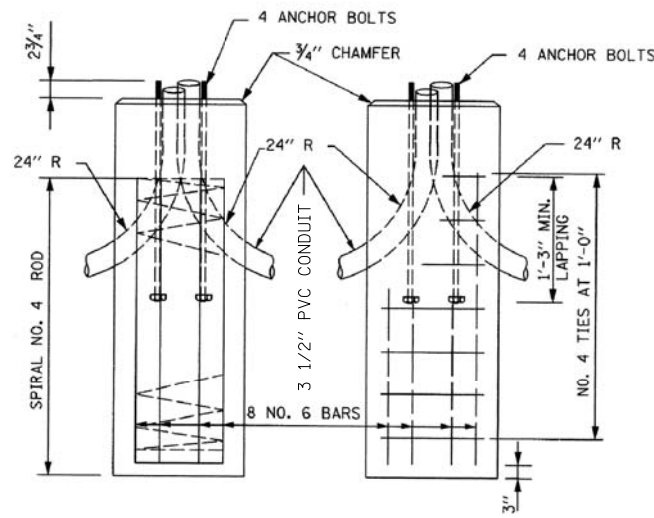
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CHECKED - CS	REVISED -
DATE -	REVISED -

**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**EXISTING LIGHTING & REMOVAL**

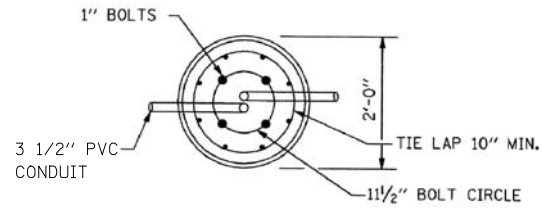
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3767	14-00058-00-CH	WILL	154	79
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.



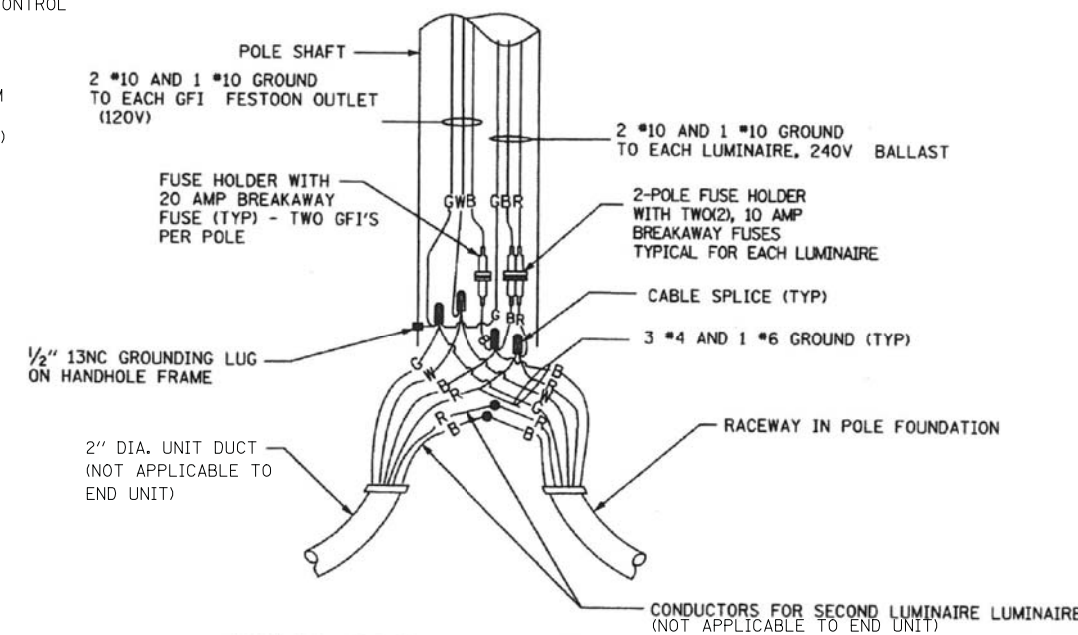
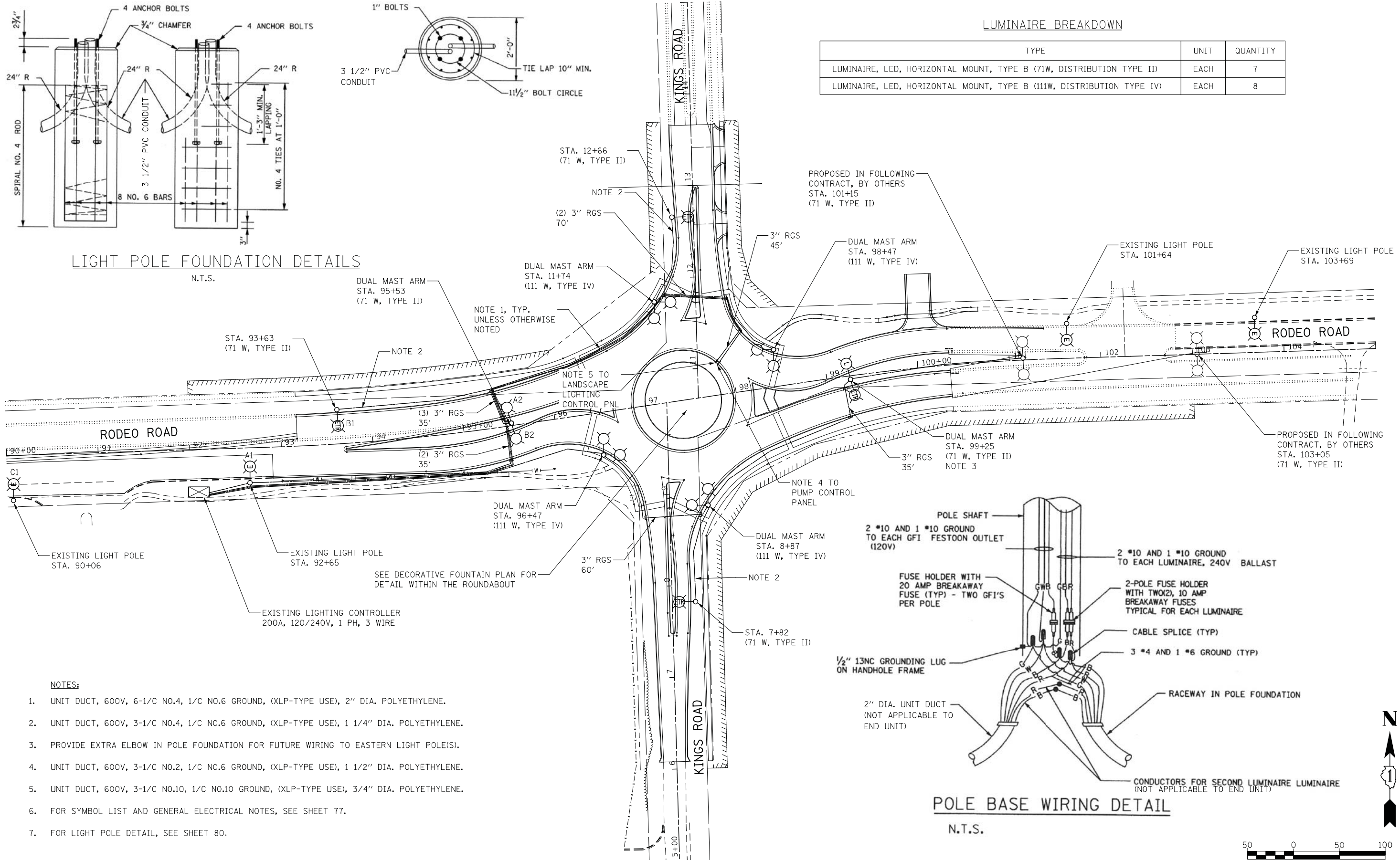
LIGHT POLE FOUNDATION DETAILS

N.T.S.



LUMINAIRE BREAKDOWN

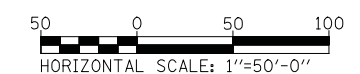
TYPE	UNIT	QUANTITY
LUMINAIRE, LED, HORIZONTAL MOUNT, TYPE B (71W, DISTRIBUTION TYPE II)	EACH	7
LUMINAIRE, LED, HORIZONTAL MOUNT, TYPE B (111W, DISTRIBUTION TYPE IV)	EACH	8



POLE BASE WIRING DETAIL

N.T.S.

- NOTES:
- UNIT DUCT, 600V, 6-1/C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 2" DIA. POLYETHYLENE.
  - UNIT DUCT, 600V, 3-1/C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE.
  - PROVIDE EXTRA ELBOW IN POLE FOUNDATION FOR FUTURE WIRING TO EASTERN LIGHT POLE(S).
  - UNIT DUCT, 600V, 3-1/C NO.2, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE.
  - UNIT DUCT, 600V, 3-1/C NO.10, 1/C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE.
  - FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET 77.
  - FOR LIGHT POLE DETAIL, SEE SHEET 80.



MODEL: 44002ELNAMES FILE: NAME: T:\2226\CAD\Sheets\Lighting\Bolingbrook\B&B-she-lighting-002.dgn

**KNIGHT**  
Engineers & Architects

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DRAWN - MB	REVISED -
CHECKED - CS	REVISED -
DATE -	REVISED -

**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**PROPOSED LIGHTING LAYOUT**

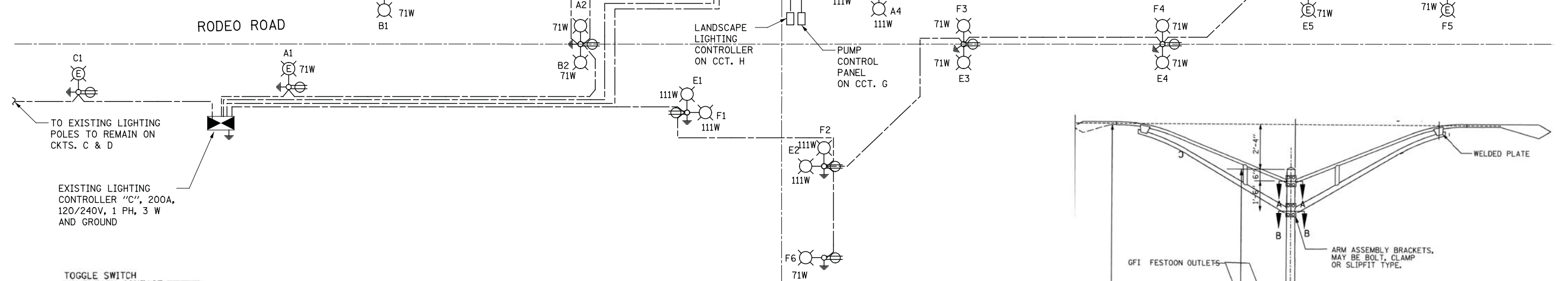
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	80
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				

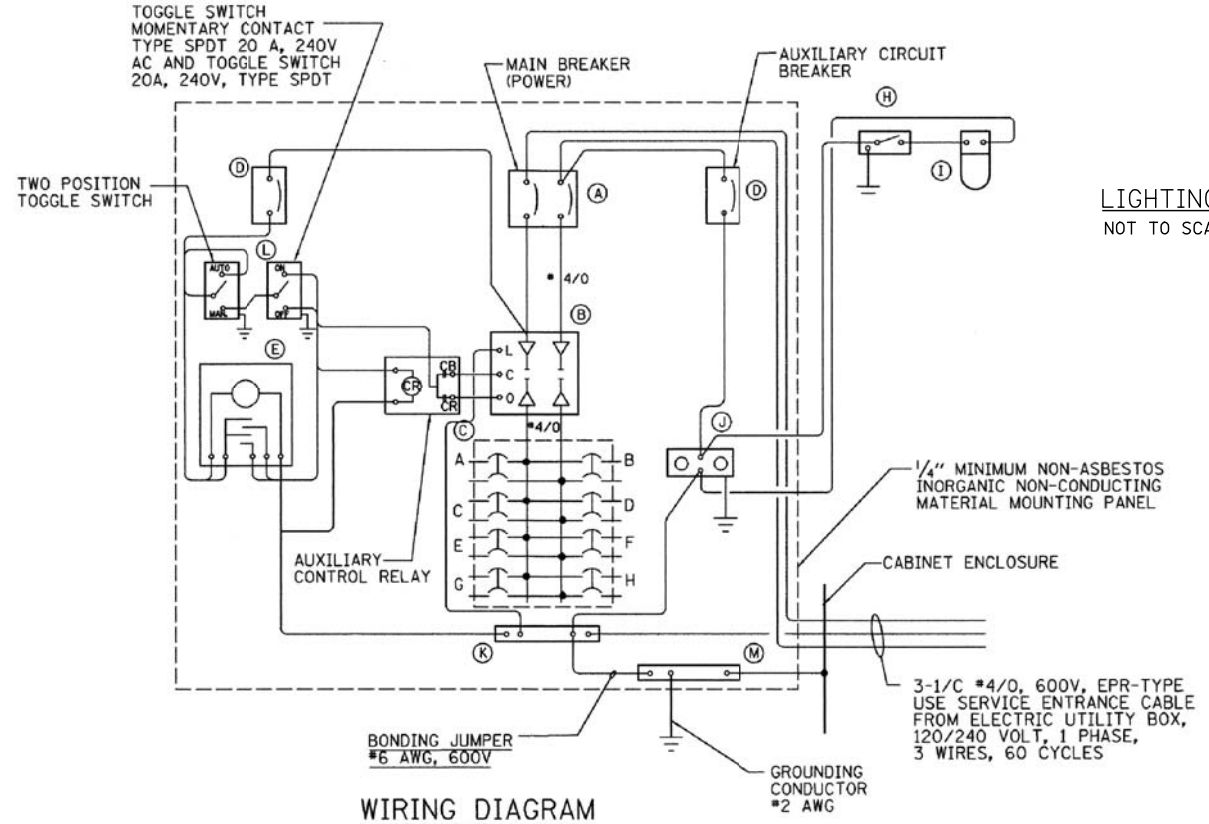
LOAD TABULATION LIGHTING CONTROLLER "C"  
120/240 VAC, 1-PHASE, 3-WIRE  
MAIN BREAKER: 200A

CKT NO.	LOAD DESCRIPTION	WATTS	AMPS @ VOLTAGE	CKT NO.	LOAD DESCRIPTION	WATTS	AMPS @ VOLTAGE
A	(1) 71W, (3) 111W LED (3) GFI	404W 300W	1.7 @ 240 2.5 @ 120	B	(1) 71W, (3) 111W LED (3) GFI	404W 300W	1.7 @ 240 3.3 @ 120
C	(4) 71W LED (4) GFI	284W 400W	1.2 @ 240 3.3 @ 120	D	(3) 71W LED (3) GFI	213W 300W	0.9 @ 240 3.3 @ 120
E	(2) 71W, (3) 111W LED (3) GFI	445W 300W	1.9 @ 240 2.5 @ 120	F	(3) 71W, (3) 111W LED (3) GFI	546W 300W	2.3 @ 240 3.3 @ 120
G	PUMP CONTROL PANEL 100A, 2P MCB	16,800	70 @ 240	H	(14) 12W LED FOR LANDSCAPE LIGHTING	168W	0.4 @ 240

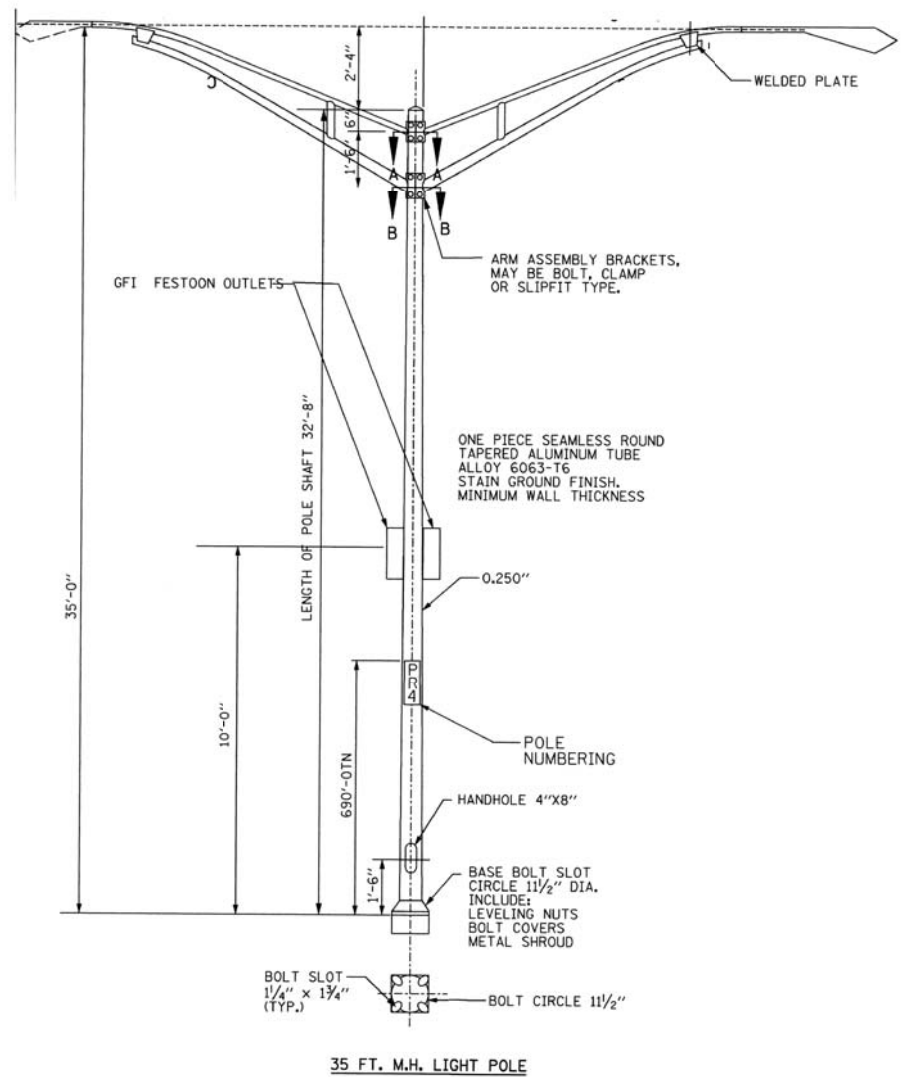
TOTAL WATTS = 21164



- NOTES:
- FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET 77.
  - THE SINGLE LINE DIAGRAM SHOWN REPRESENTS THE EXPECTED FINAL CONDITION. MODIFICATIONS IN THE FIELD MAY BE NECESSARY TO MEET TEMPORARY CONDITIONS.
  - PROVIDE (1) 100A, 2P (CCT. G) AND (1) 20A, 2P (CCT. H) CIRCUIT BREAKERS IN EXISTING LIGHTING CONTROLLER "C" FOR PUMP CONTROL PANEL AND LANDSCAPE LIGHTING OF THE ROUNDABOUT.



LIGHTING CONTROLLER "C" SINGLE LINE DIAGRAM  
NOT TO SCALE



35 FT. M.H. LIGHT POLE

MODEL: 4400ELNAMES  
FILE NAME: T:\2020\CAD\Sheets\Lighting\Bolingbrook\B&B-sbc-lighting-003.dgn

**KNIGHT**  
Engineers & Architects

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DRAWN - MB	REVISED -
CHECKED - CS	REVISED -
DATE -	REVISED -

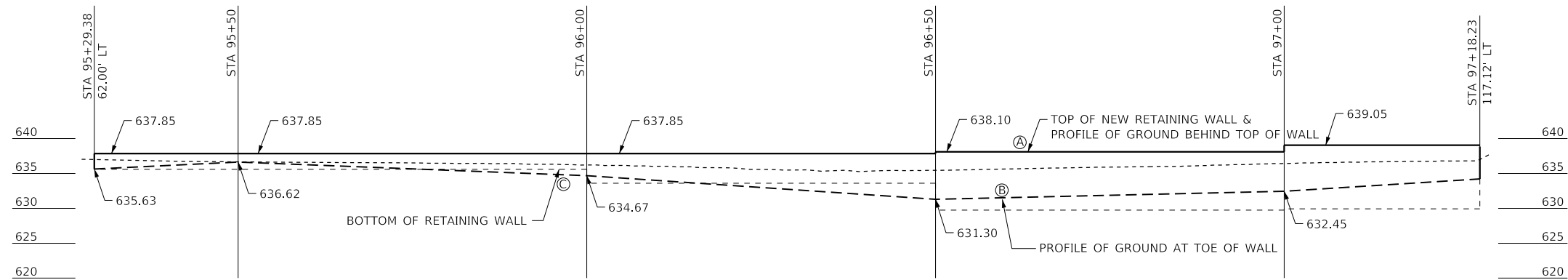
**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**SINGLE LINE DIAGRAM**

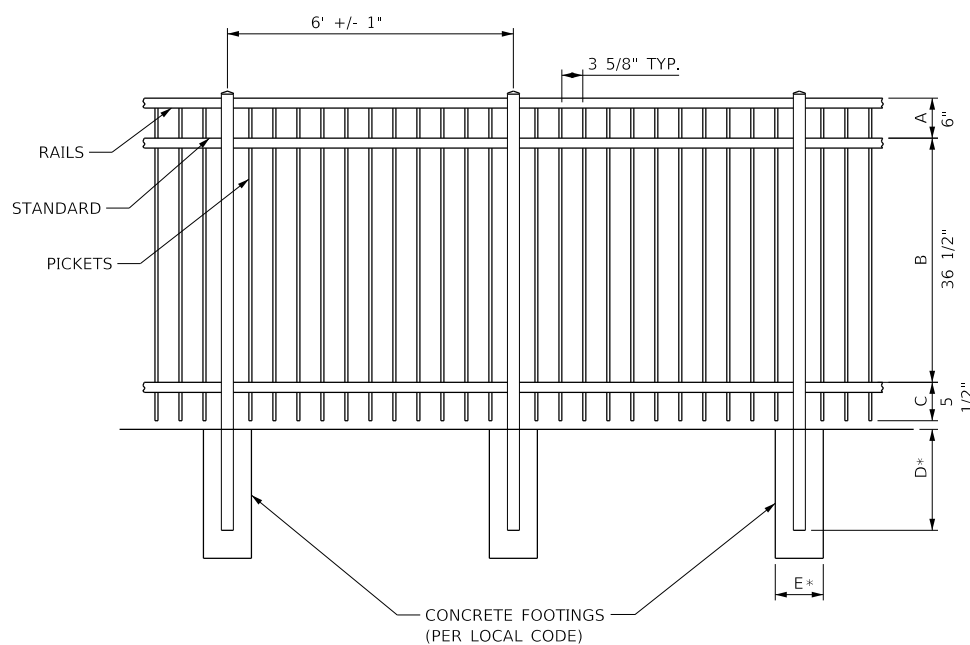
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	81
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				





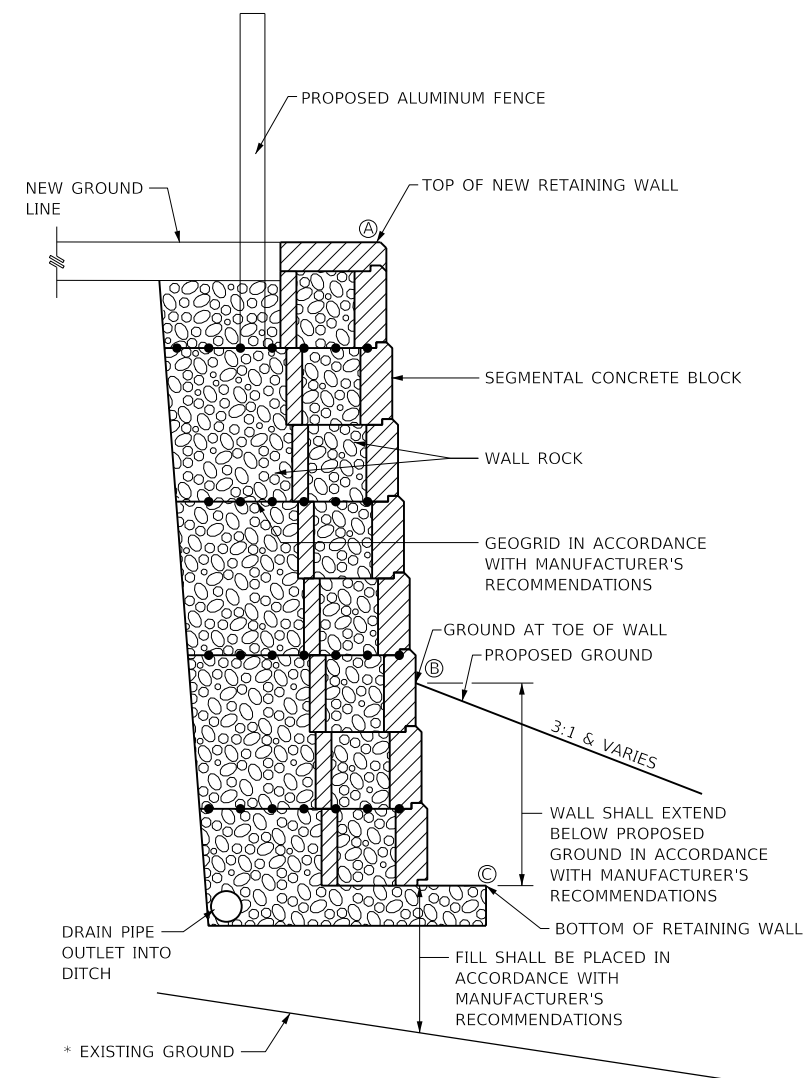
**ELEVATION OF RETAINING WALL**



DIMENSIONS					
HT	A	B	C	D	E
3'	6"	24 1/2"	5 1/2"	*PER LOCAL CODE	
3 1/2'	6"	30 1/2"	5 1/2"	*PER LOCAL CODE	
4'	6"	36 1/2"	5 1/2"	*PER LOCAL CODE	
5'	6"	48 1/2"	5 1/2"	*PER LOCAL CODE	
6'	6"	60 1/2"	5 1/2"	*PER LOCAL CODE	

SPECIFICATIONS (COMMERCIAL)	
POSTS	2"x2"x.080 WALL 2"x2"x.125 WALL 2 1/2"x2 1/2"x.100 WALL 3"x3"x.125 WALL
HORIZONTAL RAILS SIDE WALLS TOP WALLS	1 3/8" x 1 1/4" .088" .065"
PICKETS PICKET SPACING	3/4"x3/4"x.055 WALL 3 5/8"

**FENCE (SPECIAL) DETAIL**



**1 SECTION THRU BLOCK RETAINING WALL**

\* UNSUITABLE MATERIAL SHALL BE REMOVED AND REPLACED WITH SUITABLE FILL MATERIAL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS

MODEL: 44002ELN.MXD  
FILE: MainE\_PlottingBolingbrook RoundaboutPhase 2\CAD\_Sheets\BolingbrookRAB-ht-wall.dgn

**The Upchurch Group**  
architects engineers surveyors  
Professional Design Firm Corporation  
123 North 15th Street  
Maitland, IL 61138  
Phone: 217.235.3177  
License No. 184-003401  
e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta10  
TUG PROJECT NO. 3115011-01  
PLOT SCALE = 20.0000' / in.  
PLOT DATE = 2/12/2019

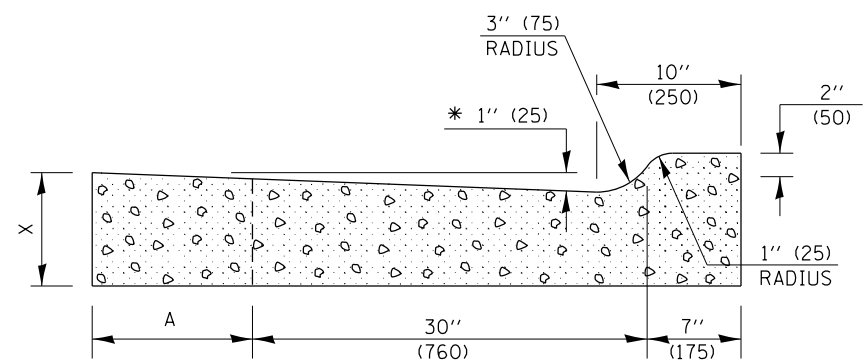
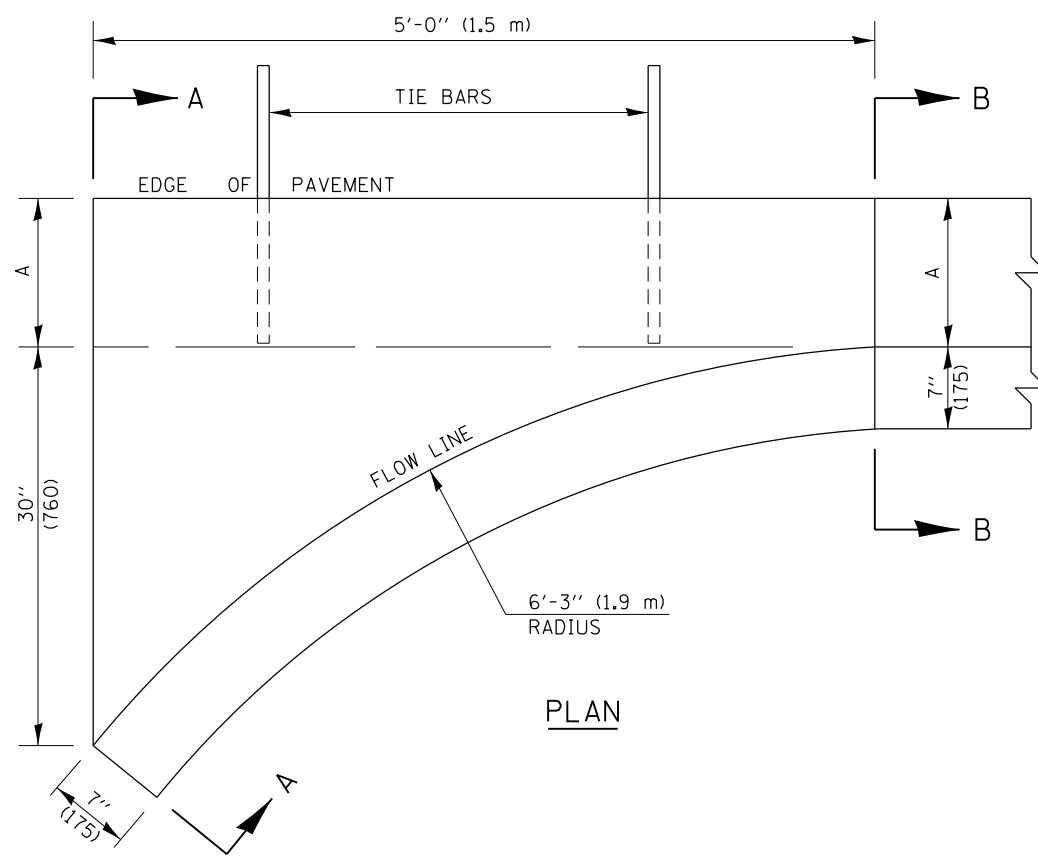
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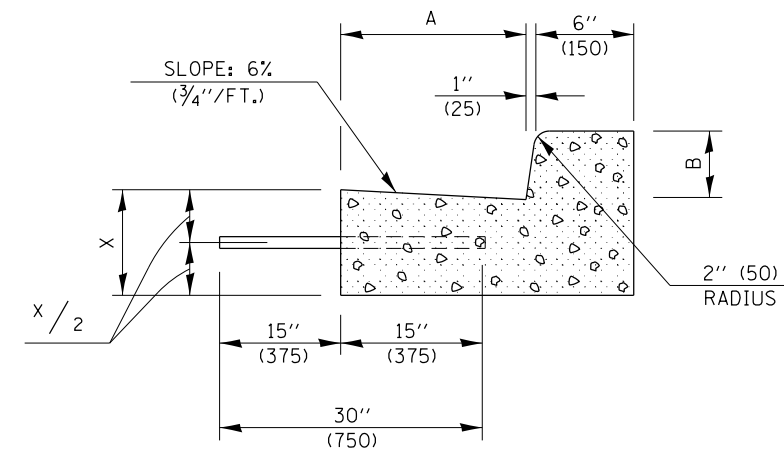
**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**RETAINING WALL DETAILS**  
SCALE: 20.0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	82
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F64	



SECTION A-A



SECTION B-B

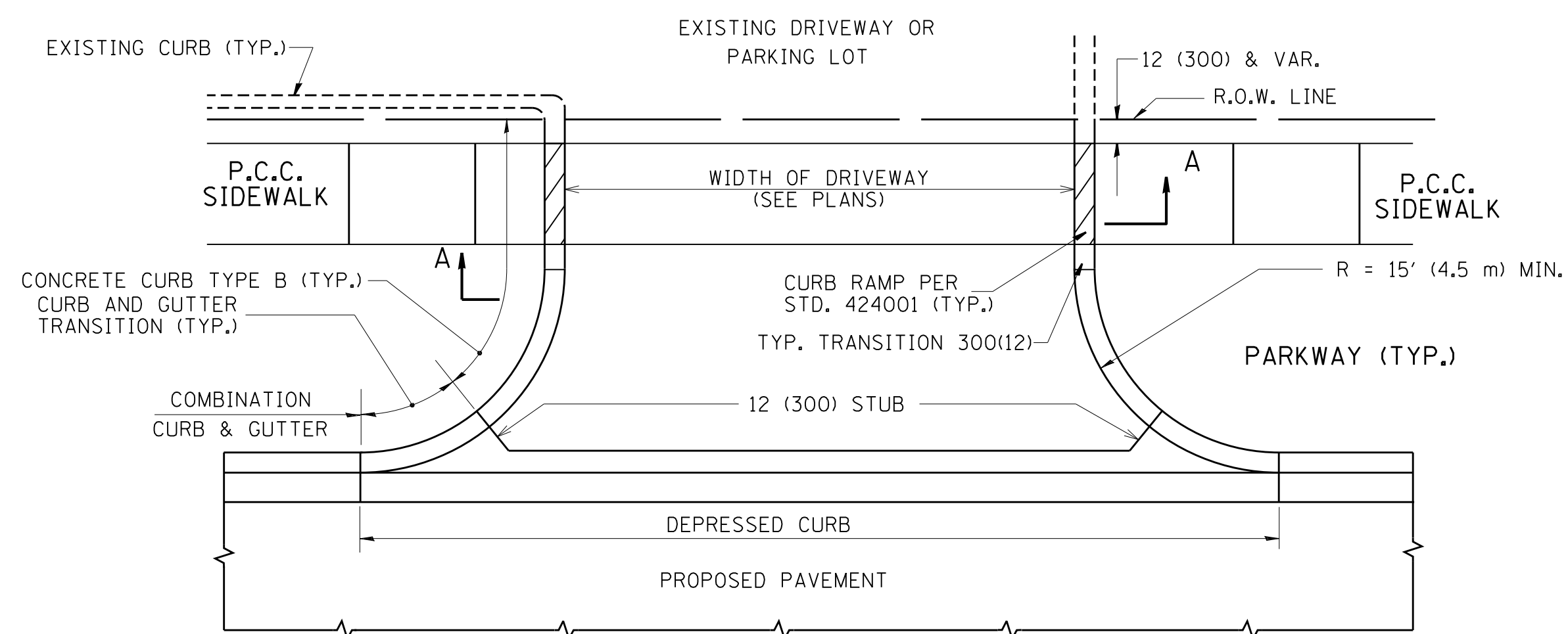
\* INCREASE TO 2" (50 mm) WHERE IN THE PLANS IT IS SPECIFIED THAT THESE SPECIAL INLETS ARE TO BE CONSTRUCTED AS OUTLETS. ALL OUTLET LOCATIONS WILL BE CONFIRMED BY THE ENGINEER.

GENERAL NOTES

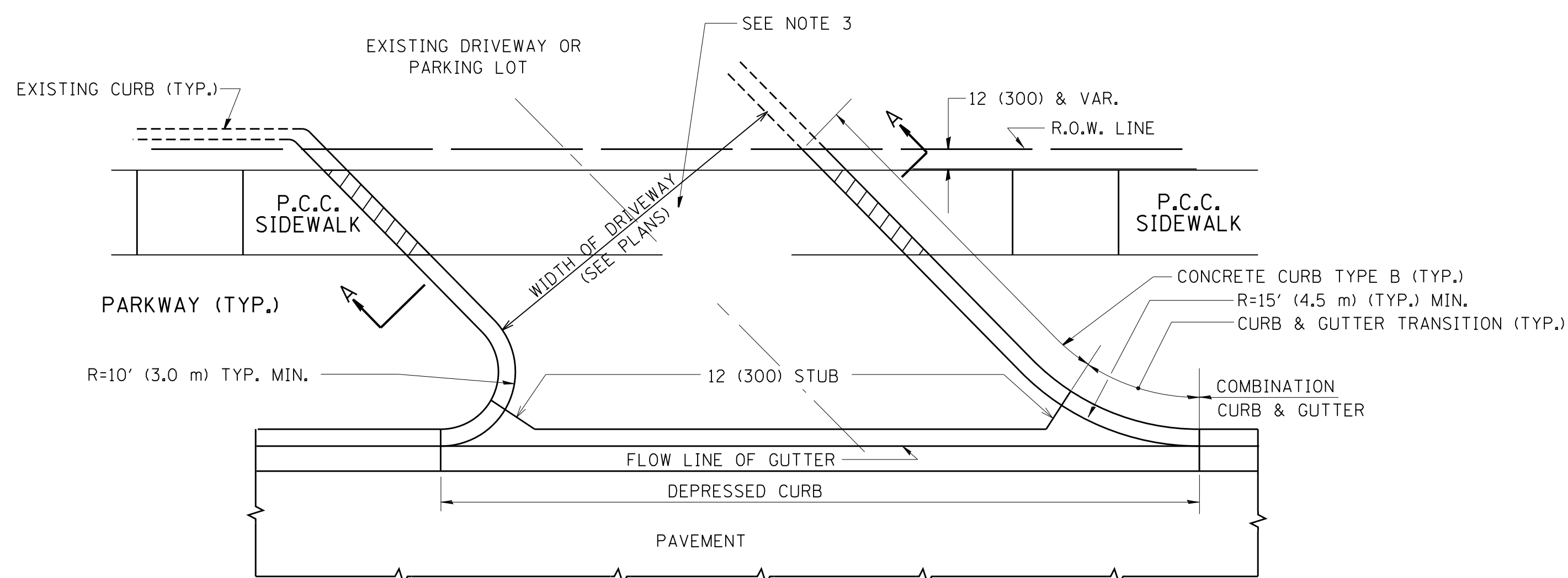
1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. TIE BARS SHALL BE NO. 6 (NO. 20) AT 24" (600 mm) CENTERS UNLESS OTHERWISE SHOWN. SPECIAL INLETS AND OUTLETS SHALL BE TIED TO THE PAVEMENT IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN ON STANDARD 420001.
3. TIE BARS SHOWN ABOVE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF CLASS SI CONCRETE (OUTLET).
4. WHEN SPECIAL INLET IS CONSTRUCTED ADJACENT TO FLEXIBLE PAVEMENT, THE TIE BARS SHALL BE OMITTED AND ALL CONSTRUCTION JOINTS SHALL BE PROVIDED WITH A DOWEL BAR CONFORMING TO ARTICLE 1006.11(b).
5. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU. YD. (m<sup>3</sup>) FOR CLASS SI CONCRETE (OUTLET) WHICH PRICE SHALL INCLUDE ALL LABOR AND MATERIAL AS SPECIFIED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

	B-6.12 (B-15.30)	B-9.12 (B-22.30)	B-6.18 (B-15.45)	B-9.18 (B-22.45)	B-6.24 (B-15.60)	B-9.24 (B-22.60)
A	12" (300)	12" (300)	12" (300)	12" (300)	18" (450)	18" (450)
B	6" (150)	6" (150)	9" (225)	9" (225)	6" (150)	6" (150)
X	9" (225)	10" (250)	9" (225)	10" (250)	9" (225)	10" (250)
CU. YD. (m <sup>3</sup> )	0.37 (0.28)	0.42 (0.32)	0.38 (0.29)	0.42 (0.32)	0.44 (0.34)	0.49 (0.37)
CLASS SI CONCRETE (OUTLET)						

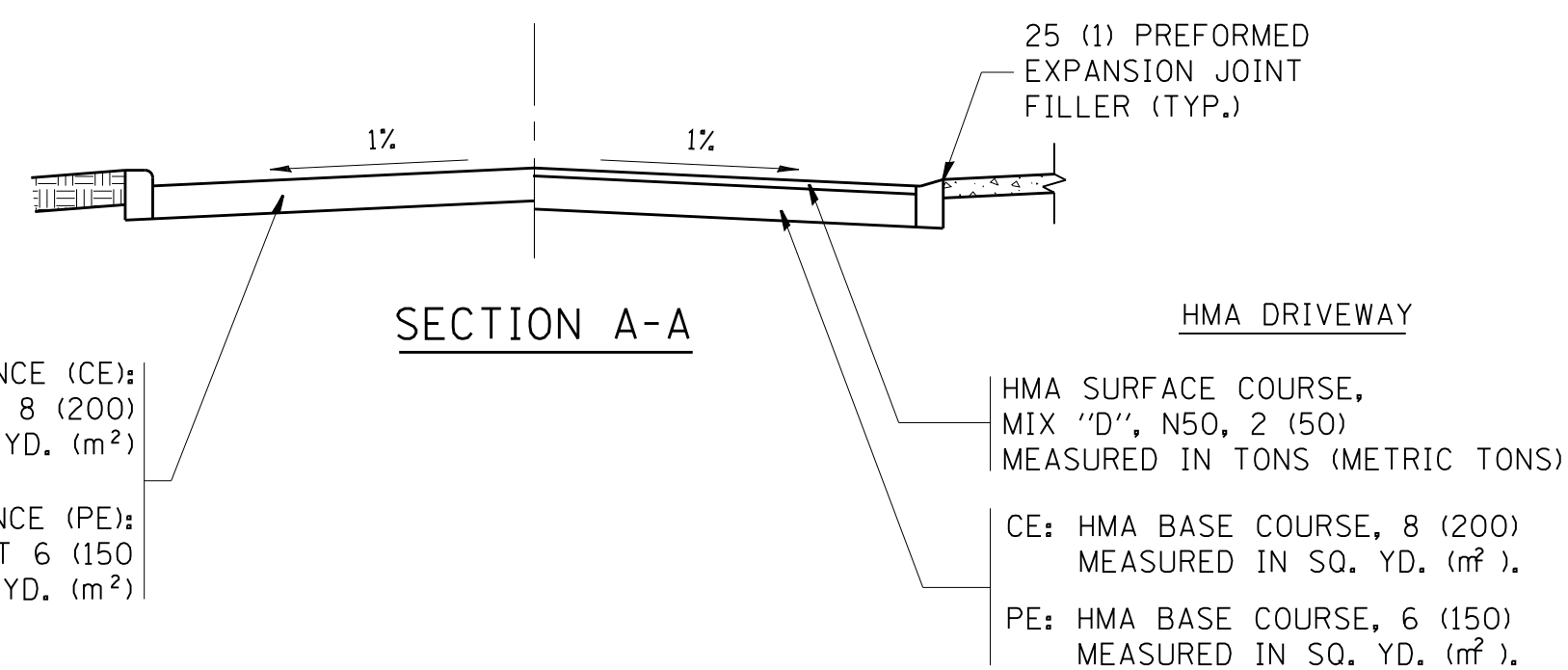
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.



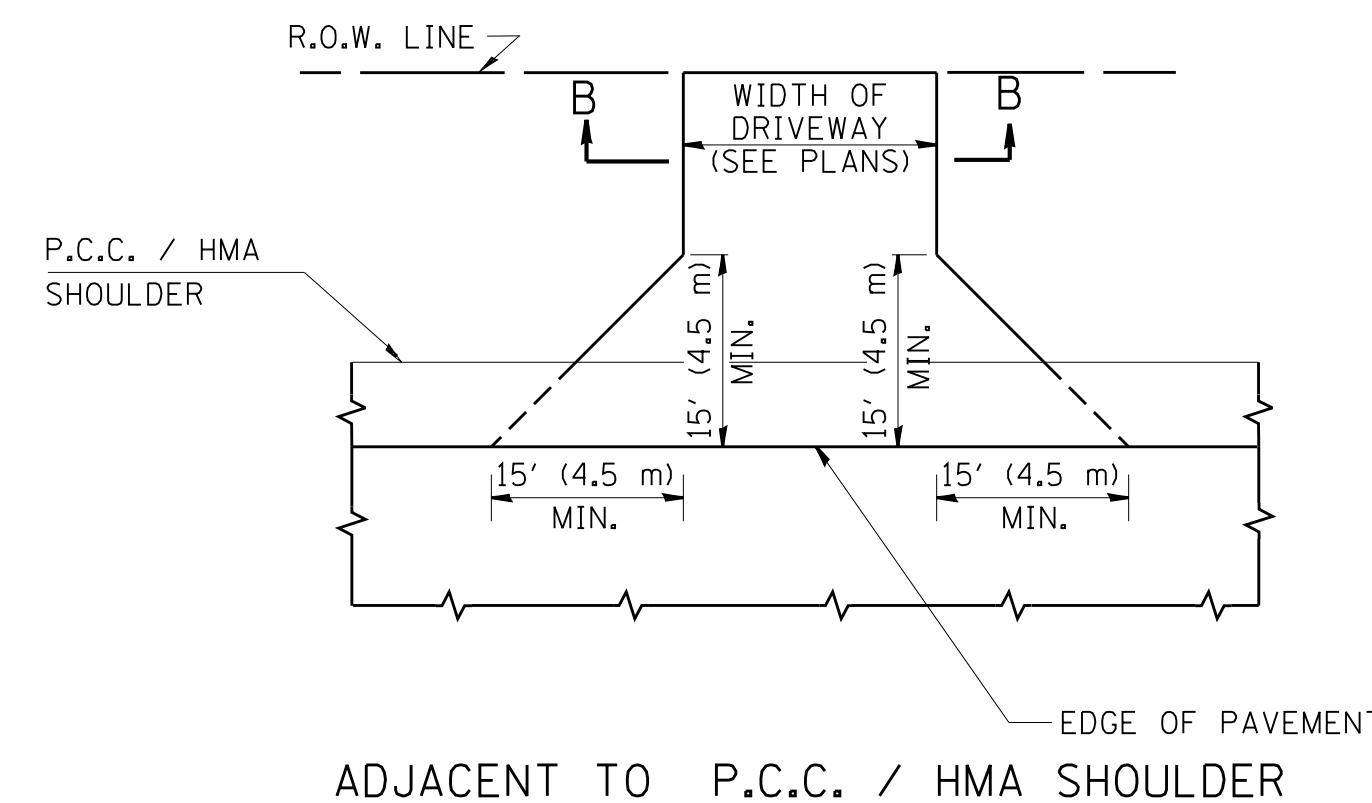
WITH CONCRETE CURB, TYPE B



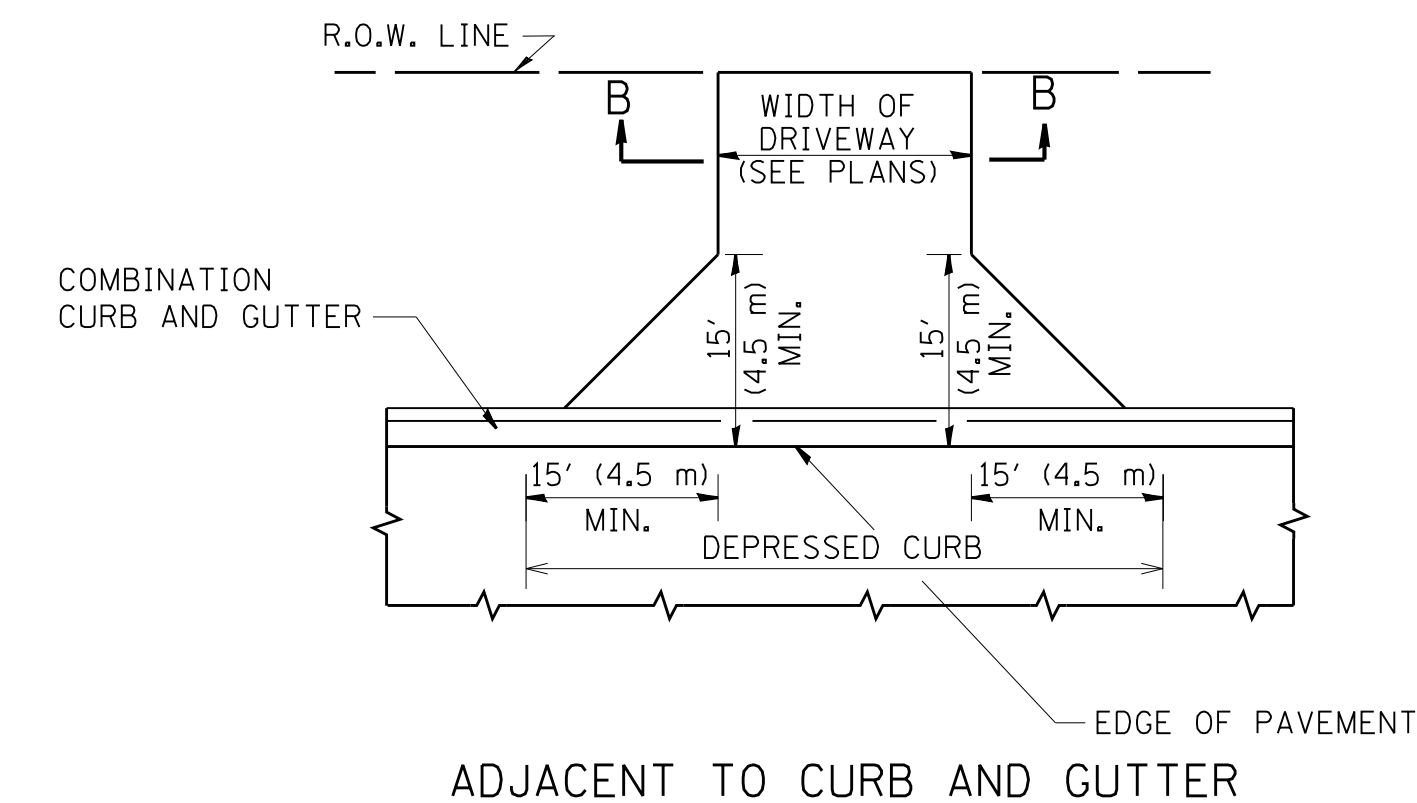
WITH CONCRETE CURB, TYPE B



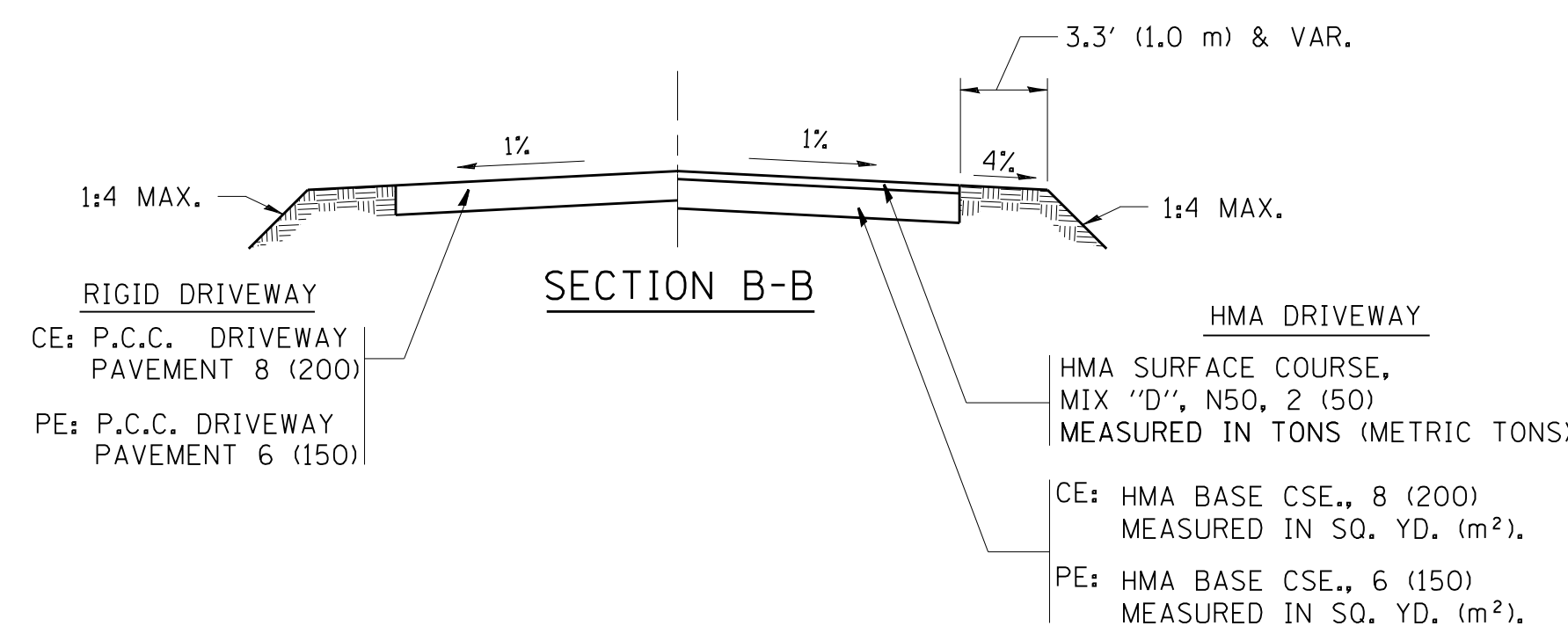
SECTION A-A



ADJACENT TO P.C.C. / HMA SHOULDER



ADJACENT TO CURB AND GUTTER



SECTION B-B

**GENERAL NOTES:**

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

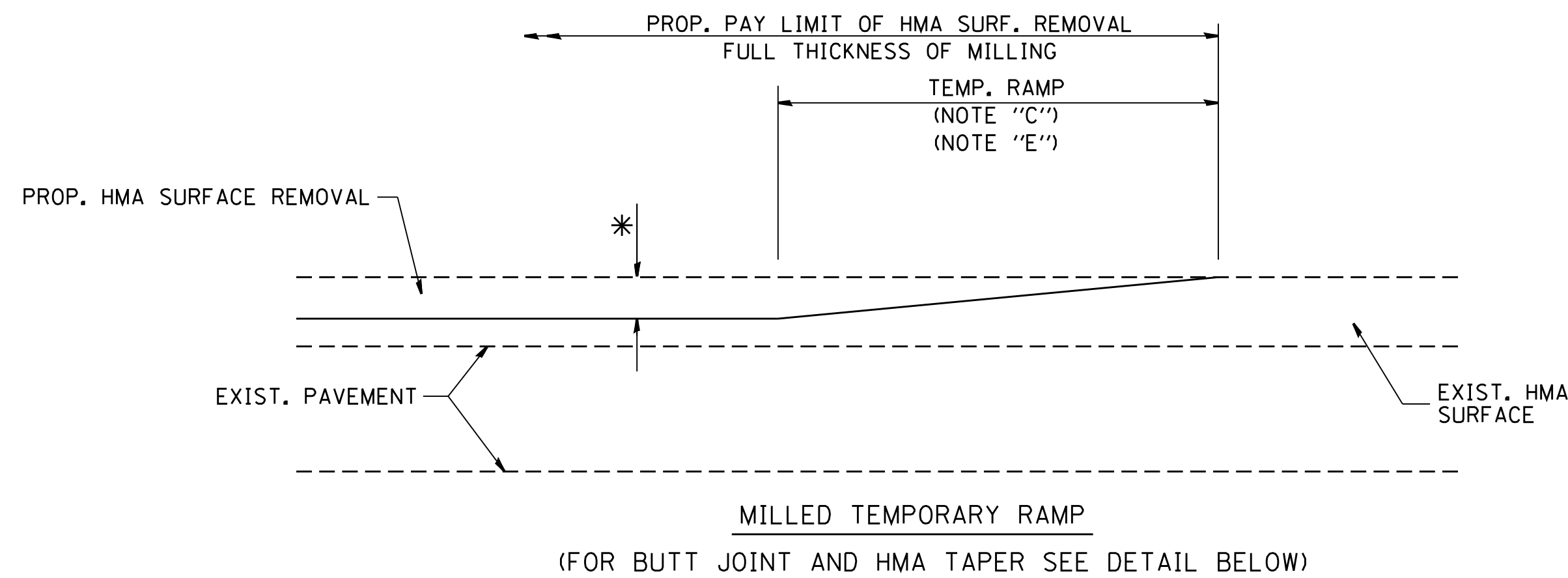
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	PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED - R. BORO 06-11-08
	PLOT DATE = 9/6/2011	DATE - 11-04-95	REVISED - R. BORO 09-06-11

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

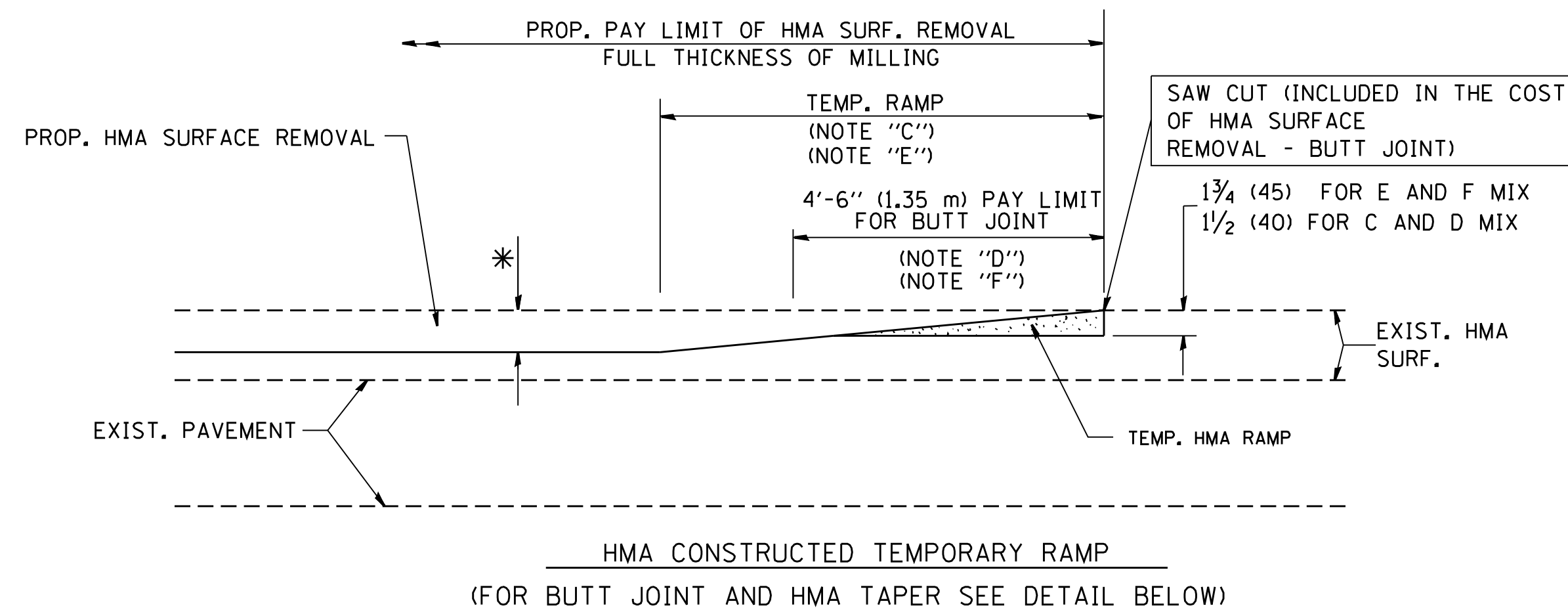
<b>DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB &amp; EDGE OF SHOULDER &gt;= 15' (4.5 m)</b>			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	

FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	84
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F64	



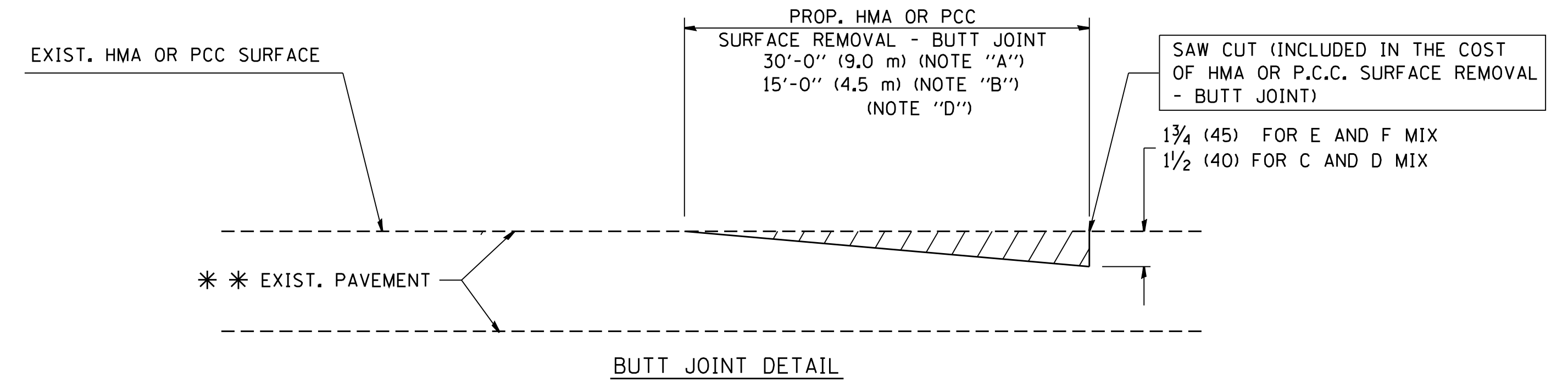


**OPTION 1**

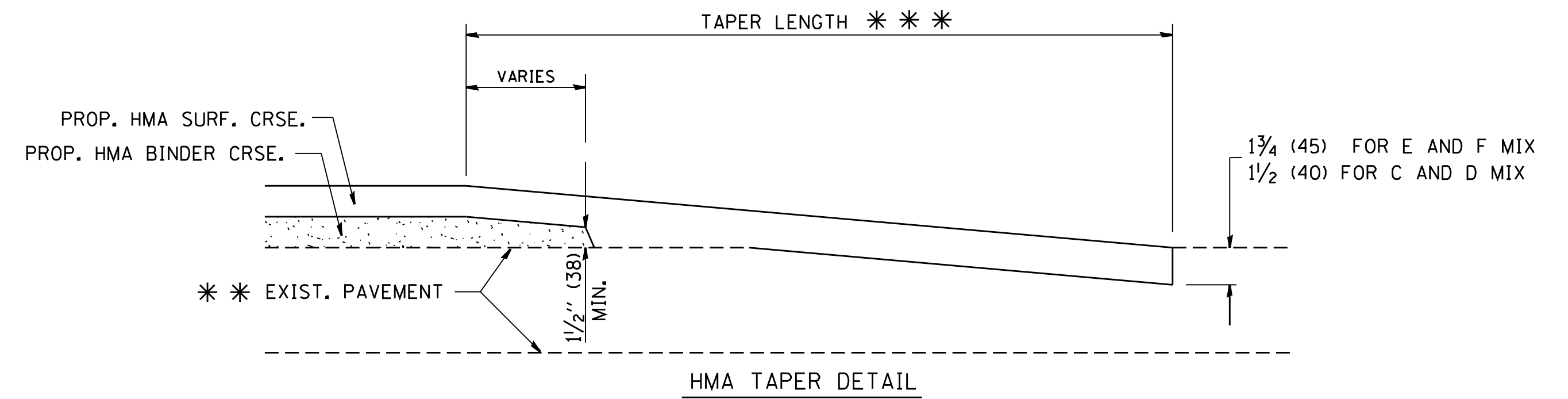


**OPTION 2**

**TYPICAL TEMPORARY RAMP**



**BUTT JOINT DETAIL**



**HMA TAPER DETAIL**

**TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY**

\* \* \* PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

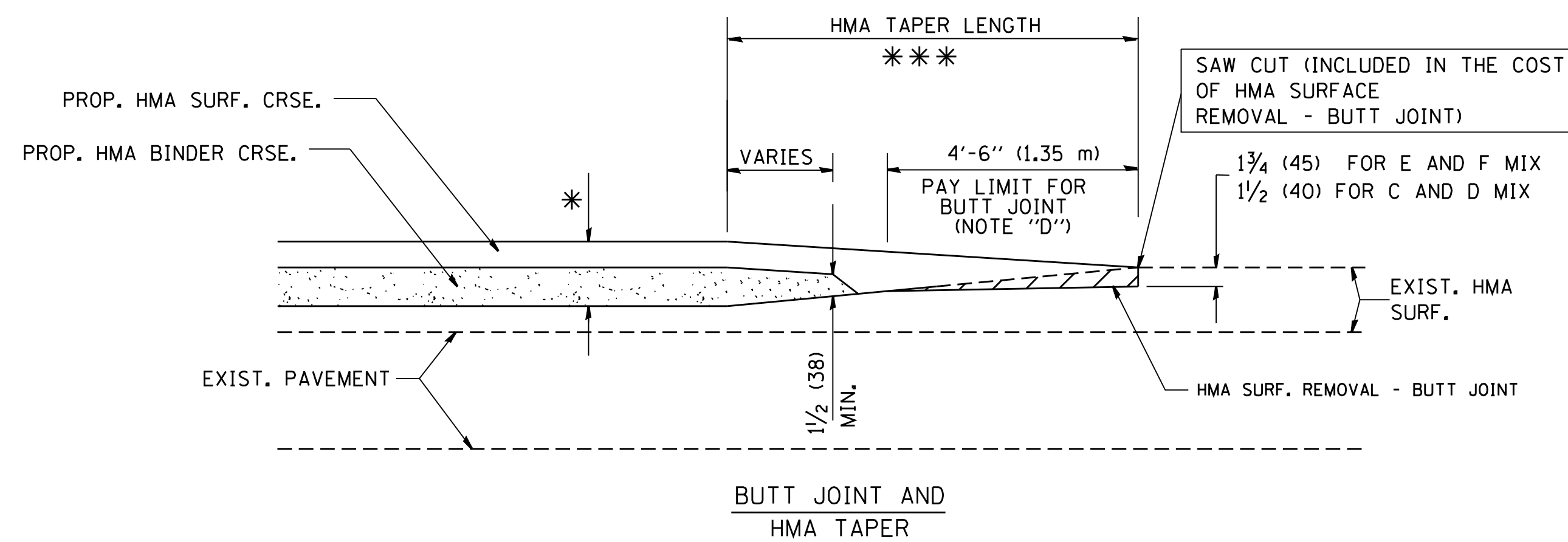
**NOTES**

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
  - B: MINOR SIDE ROADS.
  - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
  - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
  - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
  - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
  - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- \* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- \* \* \* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

**BASIS OF PAYMENT:**

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.



**TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING**

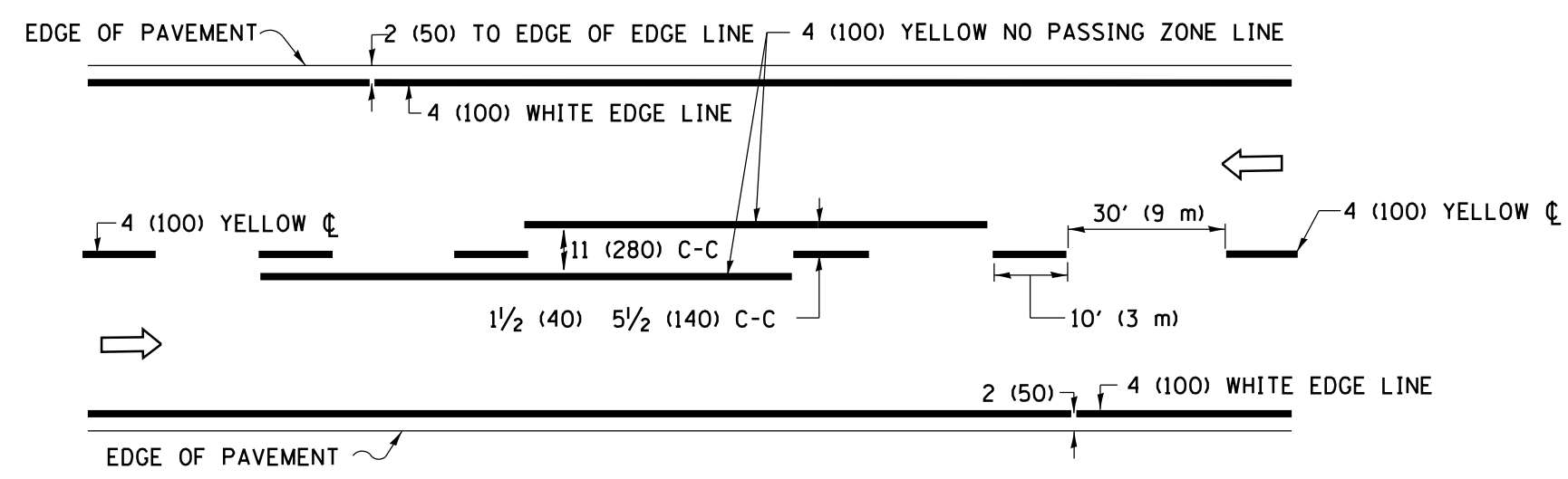
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		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

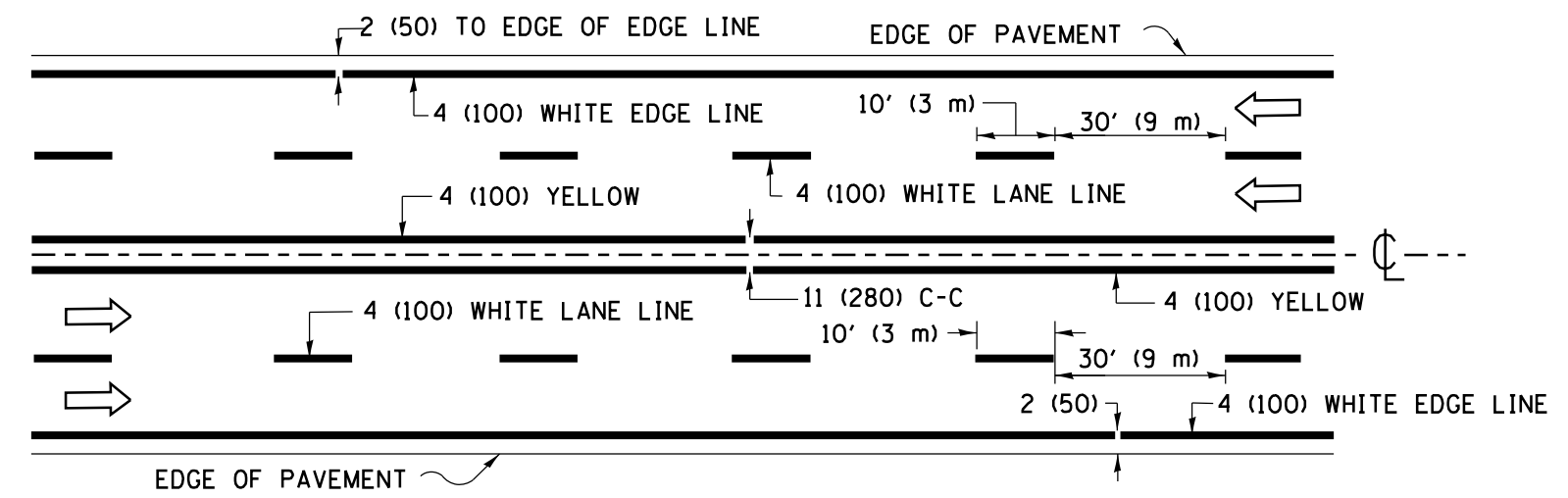
**BUTT JOINT AND  
HMA TAPER DETAILS**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

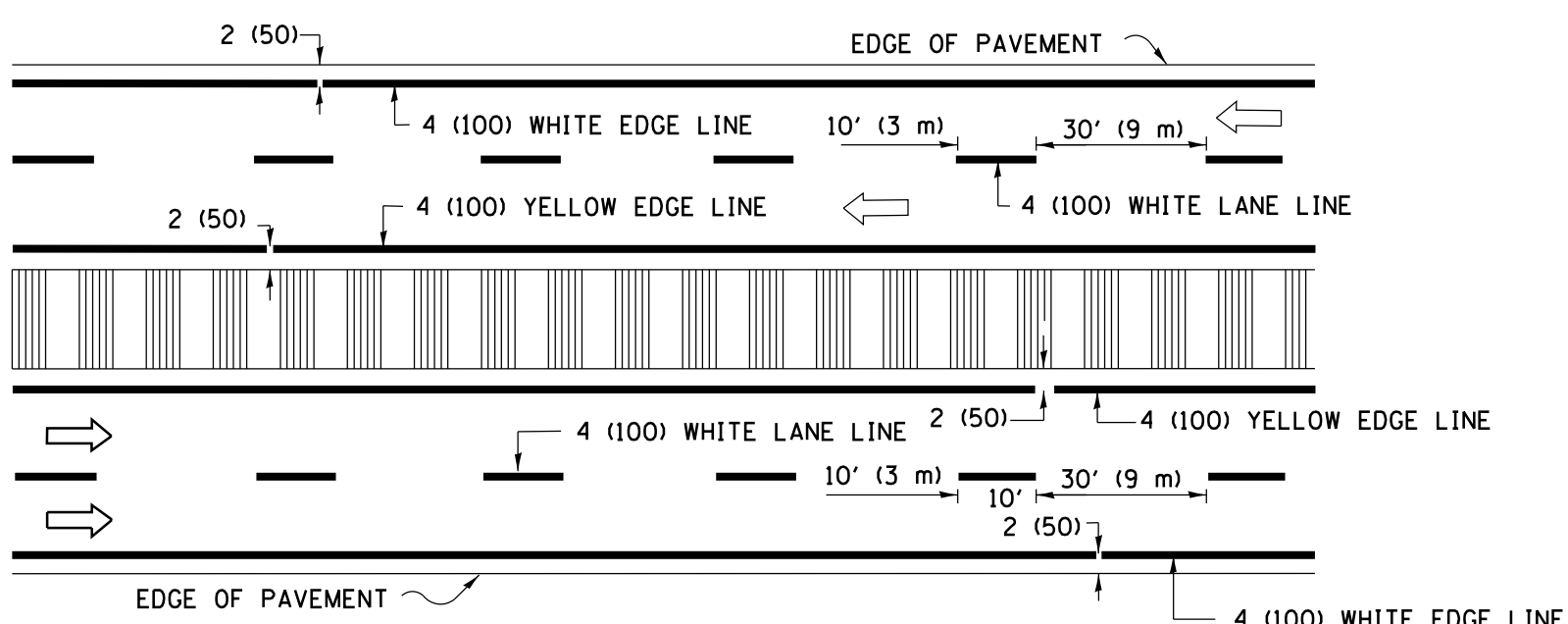
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	85
<b>BD400-05 BD32</b>		CONTRACT NO.	61F64	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**2-LANE ROADWAY**

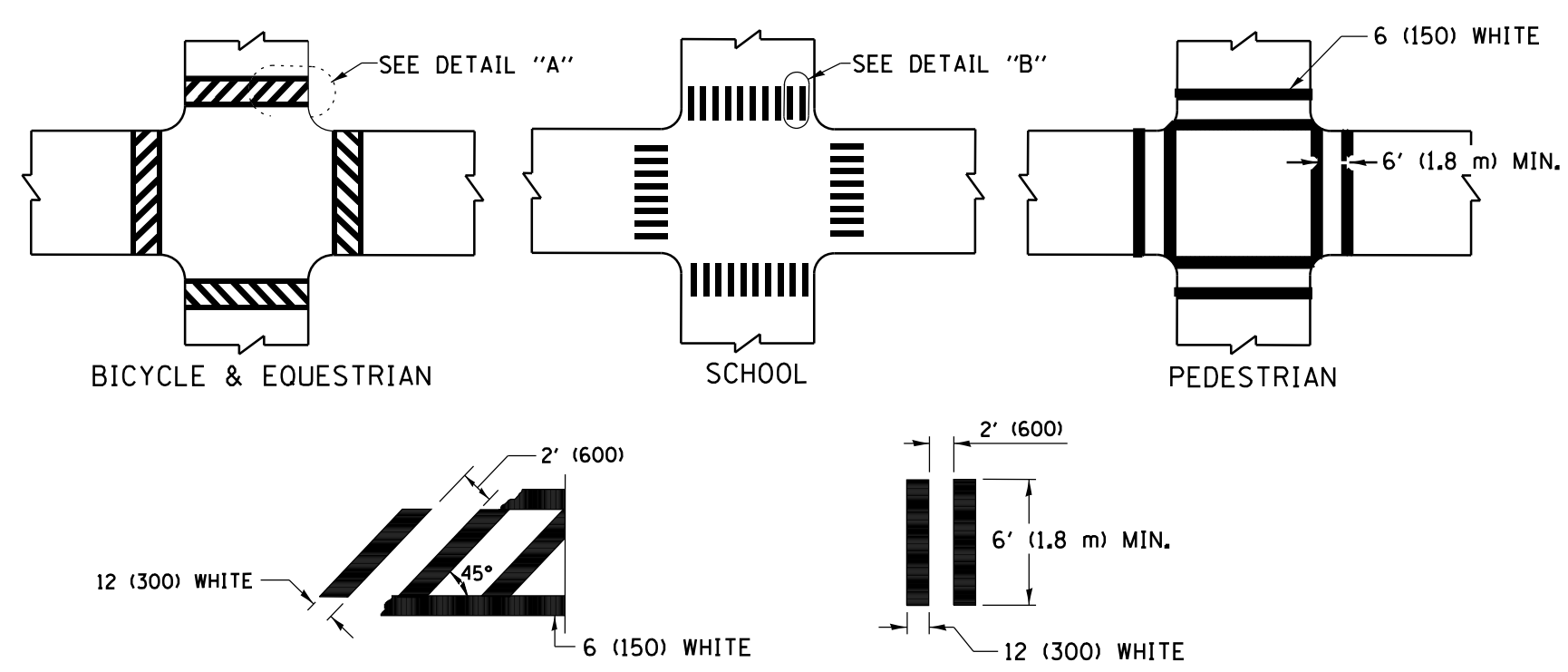


**MULTI-LANE UNDIVIDED**



**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

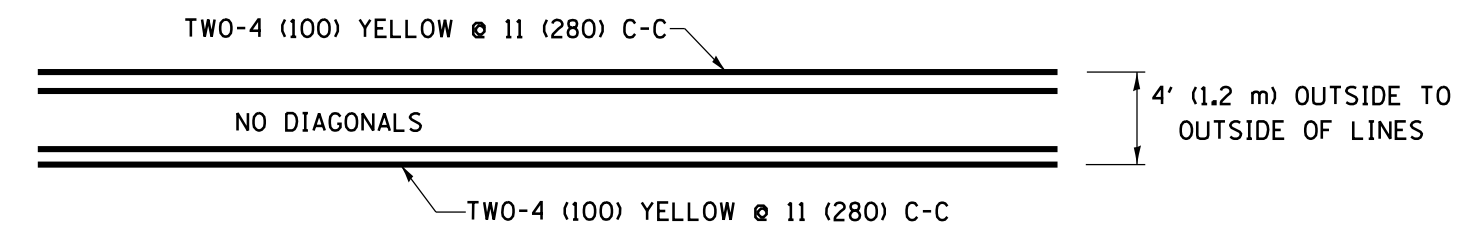


**DETAIL "A"**

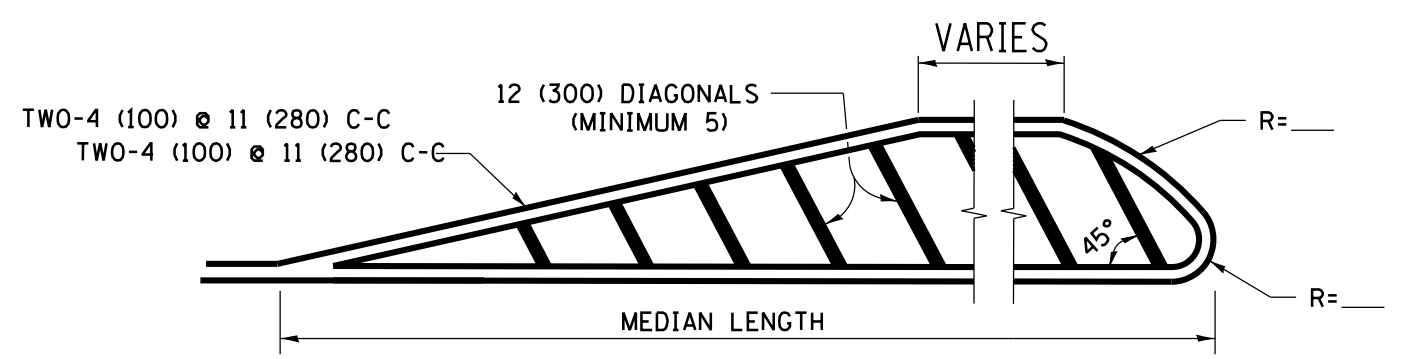
**DETAIL "B"**

**TYPICAL CROSSWALK MARKING**

\* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



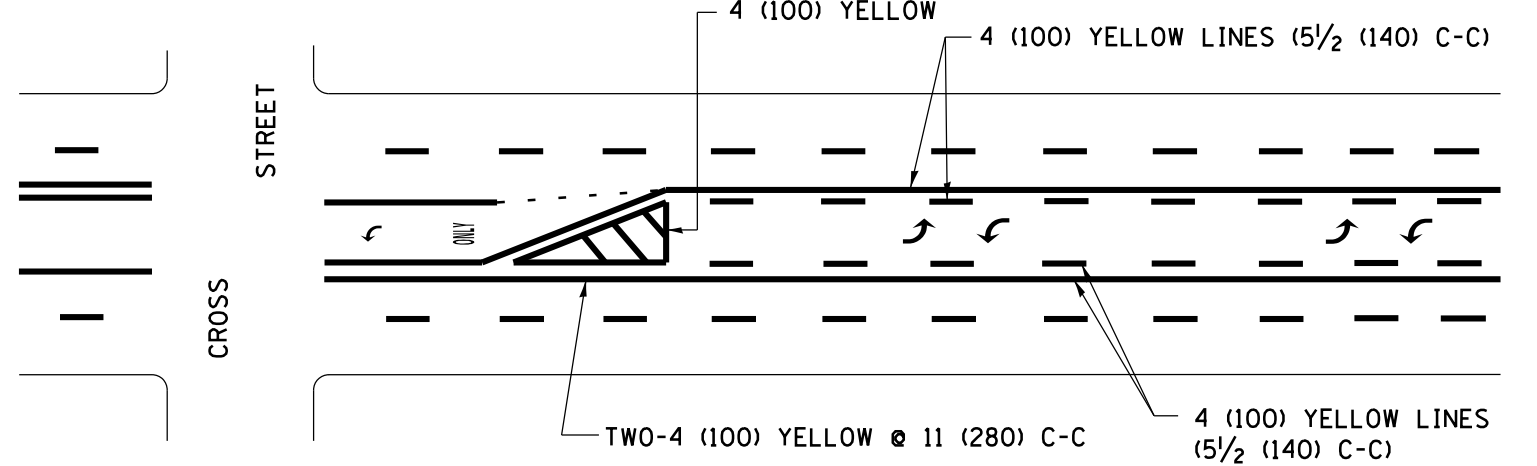
**4' (1.2 m) WIDE MEDIANS ONLY**



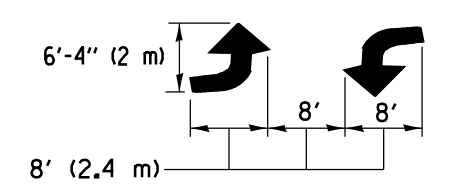
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))  
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)  
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

**MEDIANS OVER 4' (1.2 m) WIDE**

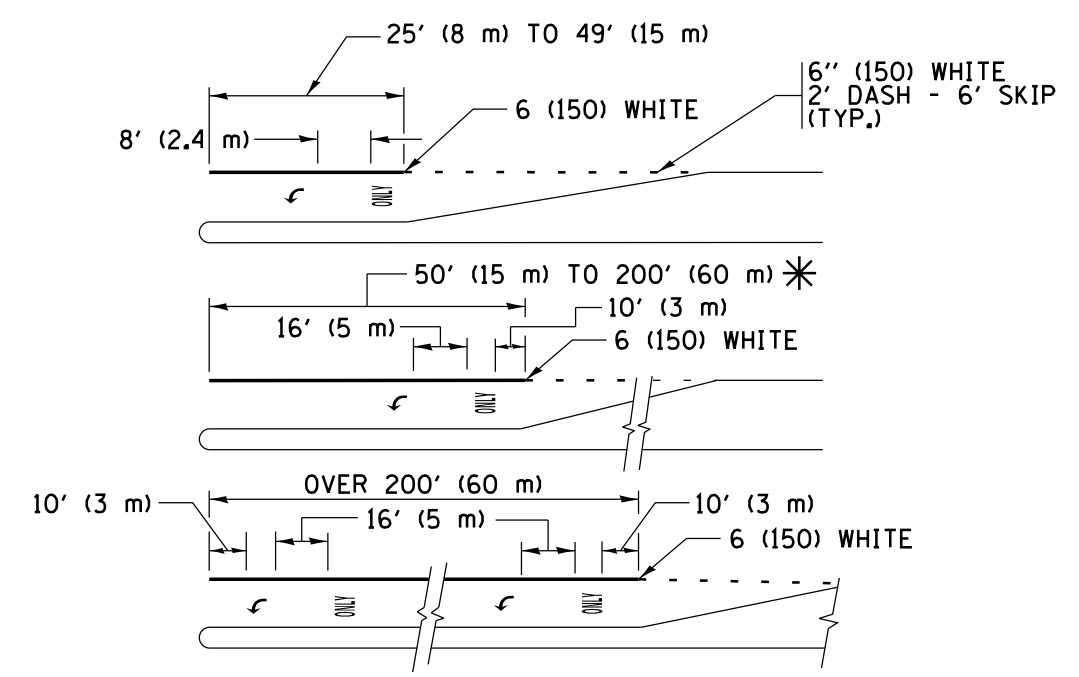


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



**MEDIAN WITH TWO-WAY LEFT TURN LANE**

**TYPICAL PAINTED MEDIAN MARKING**

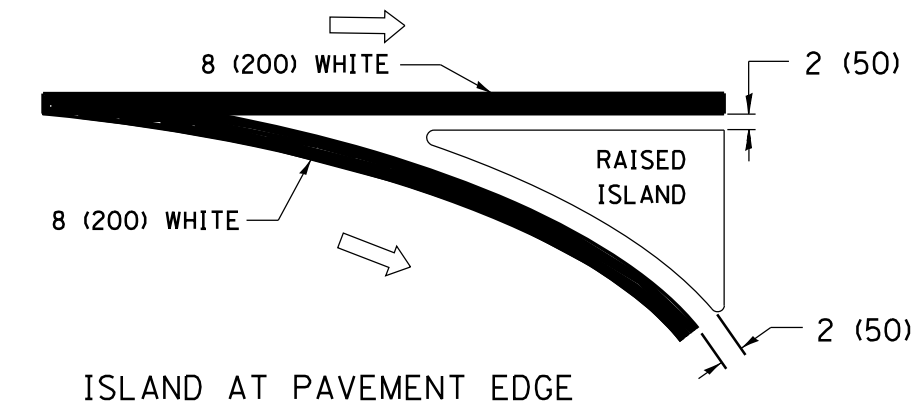
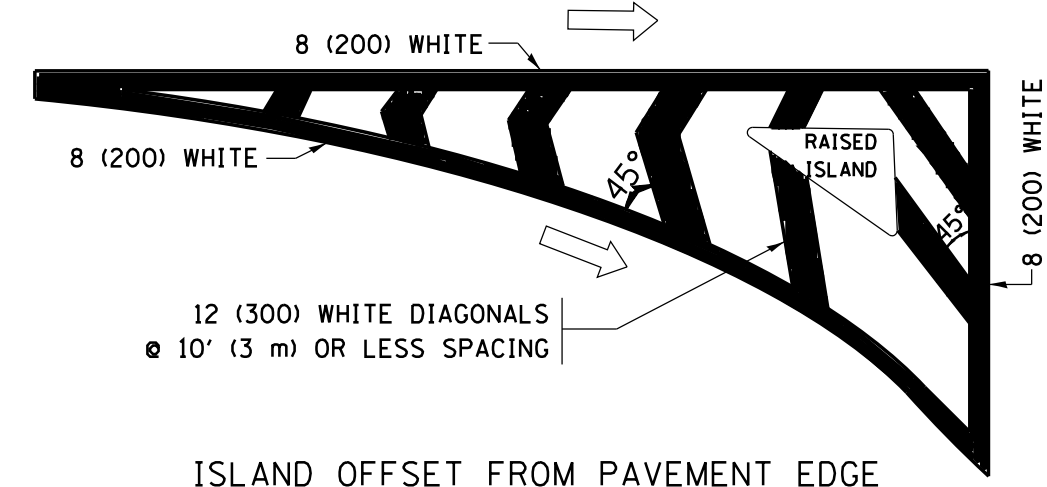


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)

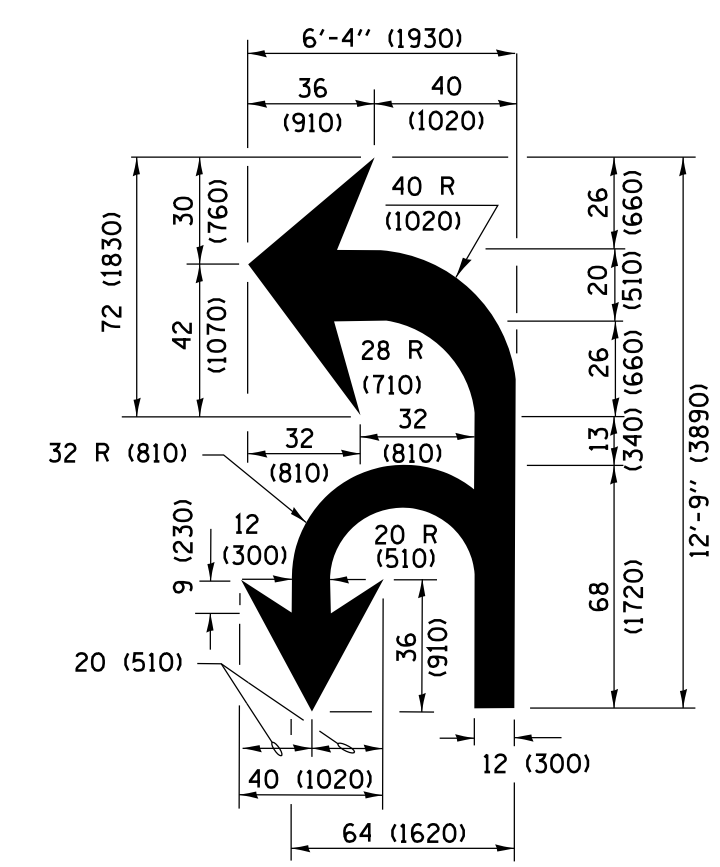
\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

**TYPICAL LEFT (OR RIGHT) TURN LANE**

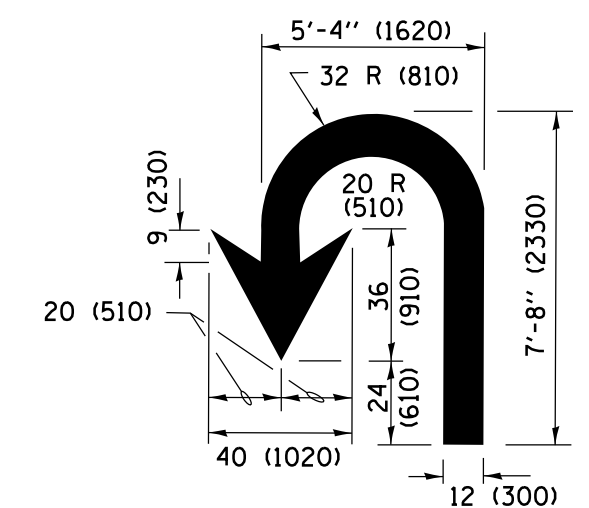
**TYPICAL TURN LANE MARKING**



**TYPICAL ISLAND MARKING**



**COMBINATION LEFT AND U-TURN**



**U-TURN**

**LANE REDUCTION TRANSITION**

\* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

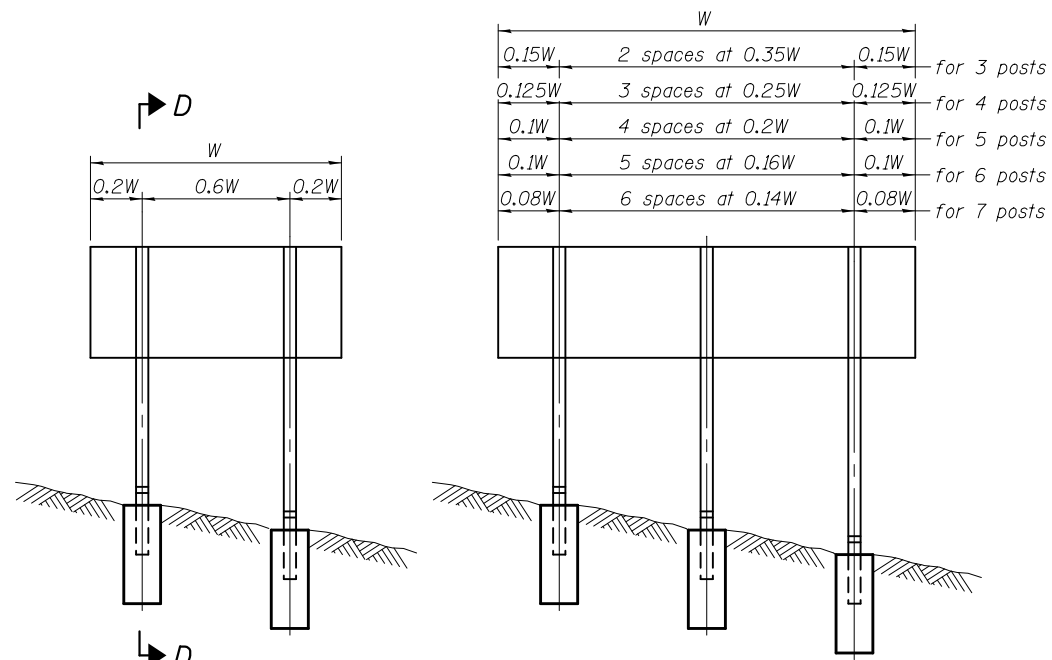
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Default	PLOT DATE = 6/23/2017	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE TYPICAL PAVEMENT MARKINGS**

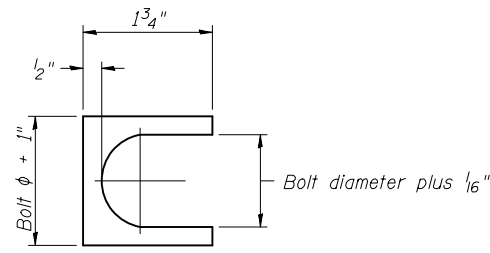
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FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	86
TC-13		CONTRACT NO.	61F64	
ILLINOIS FED. AID PROJECT				



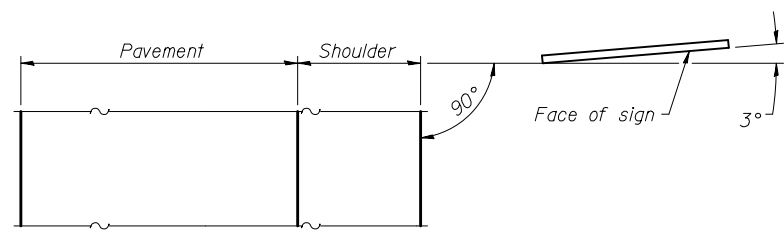
0.15W	2 spaces at 0.35W	0.15W	for 3 posts
0.125W	3 spaces at 0.25W	0.125W	for 4 posts
0.1W	4 spaces at 0.2W	0.1W	for 5 posts
0.1W	5 spaces at 0.16W	0.1W	for 6 posts
0.08W	6 spaces at 0.14W	0.08W	for 7 posts

**ELEVATION**

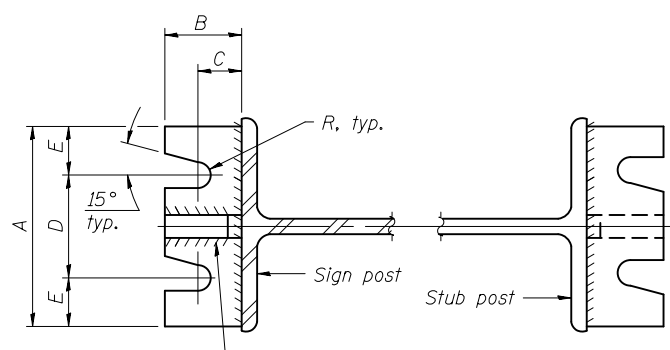


**SHIM DETAIL**

Furnish two 0.01" thick and two 0.03" thick stainless steel or brass (ASTM B36) shims per post.

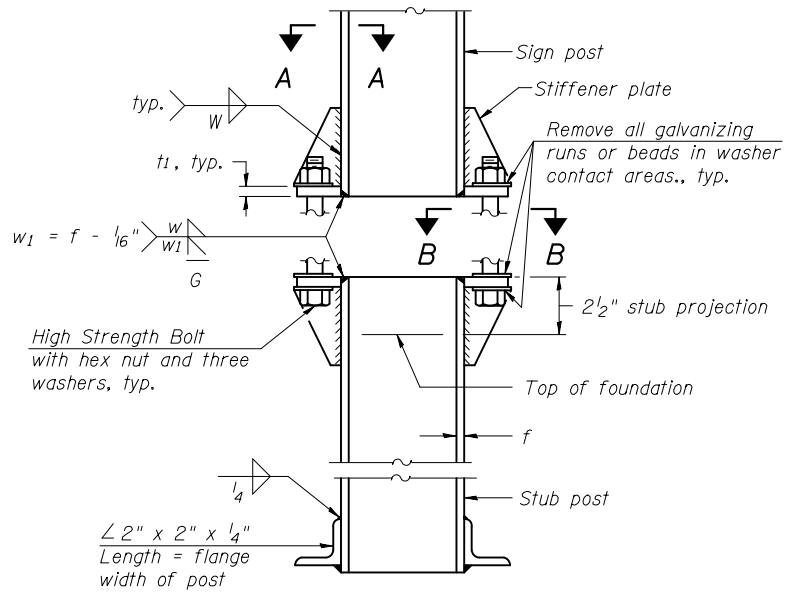


**LOCATION SKETCH**

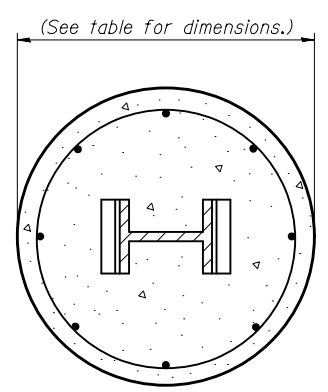


**SECTION A-A**

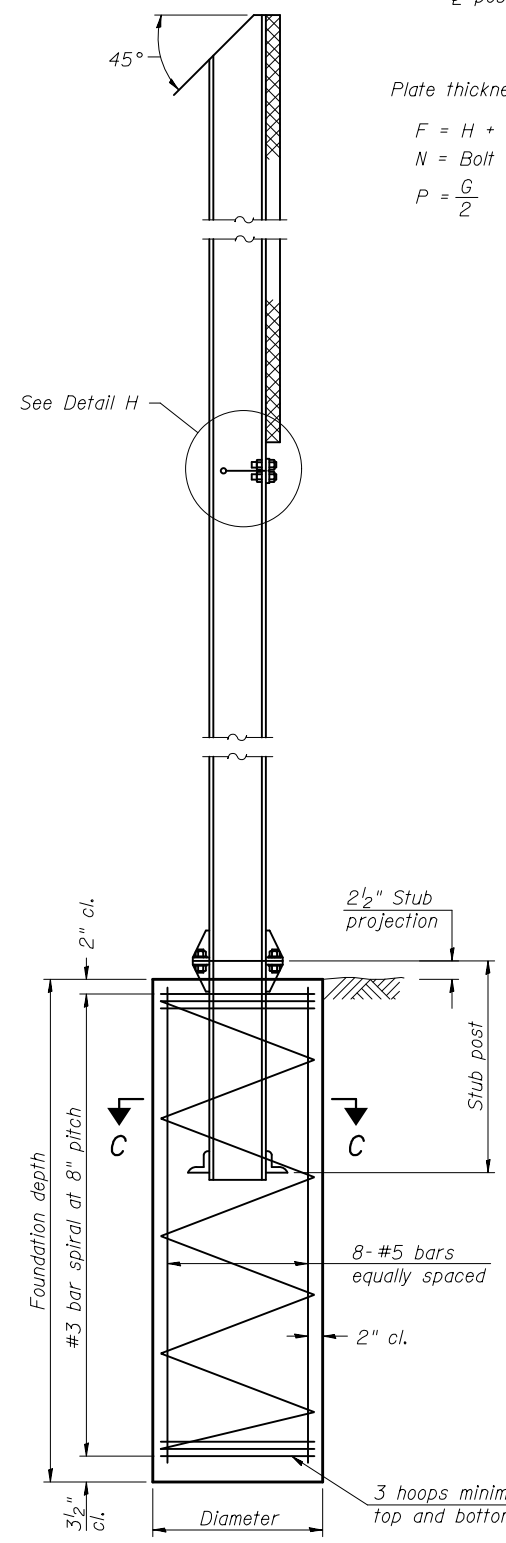
**SECTION B-B**



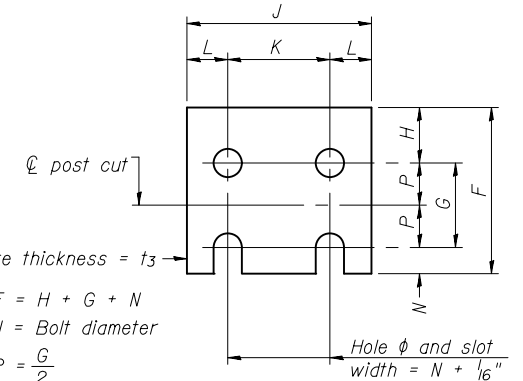
**ELEVATION  
SIGN POST & STUB POST**



**SECTION C-C**

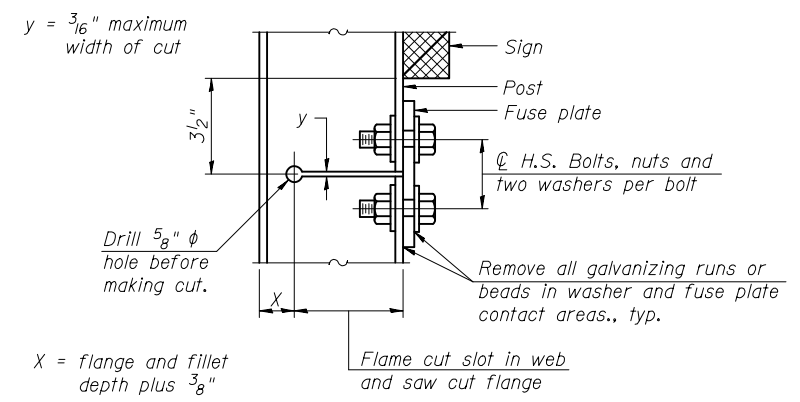


**SECTION D-D**

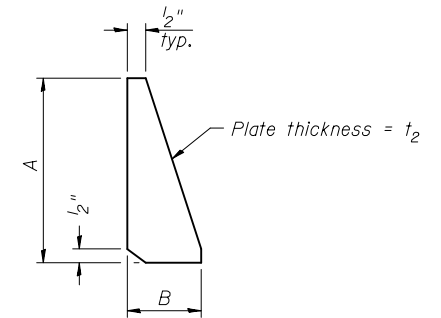


**FUSE PLATE DETAIL**  
(Install with notches down.)

N = Bolt Diameter	G	H
1/2"	2"	1 1/8"
5/8"	2 1/4"	1 1/4"
3/4"	2 1/2"	1 3/8"
7/8"	2 3/4"	1 1/2"
1"	3"	1 5/8"
1 1/8"	3 1/4"	1 3/4"
1 1/4"	3 1/2"	1 7/8"



**DETAIL H**



**STIFFENER PLATE DETAIL**

**GENERAL NOTES**

Posts shall be plumbed by using shims with post-to-stub post connection bolts snug tight only. Final tightening of all High Strength Bolts shall be in accordance with Article 727.05 and threads at the junction of the bolt and nut shall be burred or center punched to prevent the nut from loosening.

LOADING: 80 m.p.h. wind with 30% gust factor, normal to sign.

DESIGN STRESSES:  
Structural steel - 20,000 p.s.i.  
Reinforcing steel - 20,000 p.s.i.  
Concrete - 1,400 p.s.i.  
Footing soil pressure - 2,000 p.s.f.

After fabrication, the post, fuse plate and upper 6", min. of the stub post shall be hot-dip galvanized in accordance with AASHTO M111. All bolts, nuts and washers shall be hot-dip galvanized in accordance with AASHTO M232.

Work this sheet with Base Sheet BAW-A-2.

BAW-A-1

6-1-12

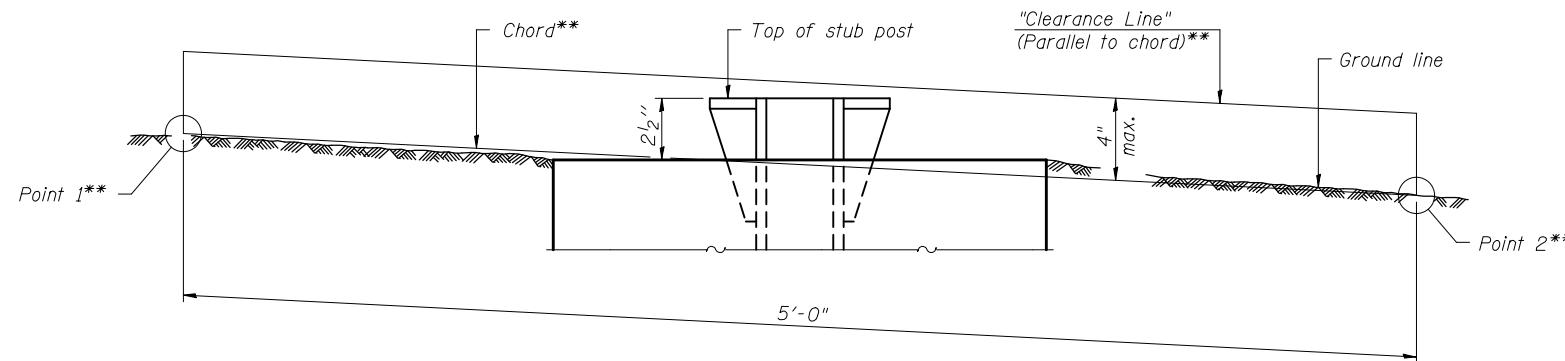
(Sheet 1 of 2)

FILE NAME =	USER NAME =	DESIGNED -	REVISOR -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BREAK-AWAY WIDE FLANGE STEEL SIGN POST DETAILS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		CHECKED -	REVISOR -			3767	14-00058-00-CH	WILL	154	87	
		DRAWN -	REVISOR -			CONTRACT NO. 61F64					
		CHECKED -	REVISOR -			ILLINOIS FED. AID PROJECT					

POST	CONCRETE FOUNDATION TABLE							POST TO STUB POST CONNECTION DATA										FUSE PLATE DATA				
	Foundation			Reinforcement			Stub Post Length	Bolt Size	A	B	C	D	E	t <sub>1</sub>	t <sub>2</sub>	R	W	J	K	L	t <sub>3</sub>	
	Diameter	*Minimum Depth	Concrete (1) cu. yds.)	Vertical Bars Length	Bar Spirals Diameter	Length																lbs. (2)
W6x9	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-3"	5/8" x 3/4"	6"	2 1/4"	1 1/4"	3 1/2"	1 1/4"	3/4"	1/2"	11/32"	1/4"	4"	2 1/4"	7/8"	1/4"
W6x15	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-6"	5/8" x 3/4"	6"	2 1/4"	1 1/4"	3 1/2"	1 1/4"	3/4"	1/2"	11/32"	1/4"	6"	3 1/2"	1 1/4"	3/8"
W8x18	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-6"	3/4" x 3 3/4"	6"	2 1/2"	1 3/8"	3 1/4"	1 3/8"	1"	1/2"	13/32"	5/16"	5 1/4"	2 3/4"	1 1/4"	3/8"
W10x22	2'-6"	6'-6"	1.18	6'-3"	2'-2 1/2"	105'-0"	92	3'-0"	3/4" x 3 3/4"	6"	2 1/2"	1 3/8"	3 1/4"	1 3/8"	1"	1/2"	13/32"	5/16"	5 3/4"	2 3/4"	1 1/2"	1/2"
W10x26	2'-6"	7'-0"	1.27	6'-9"	2'-2 1/2"	112'-0"	98	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	15/32"	3/8"	5 3/4"	2 3/4"	1 1/2"	5/8"
W12x26	2'-6"	7'-9"	1.41	7'-6"	2'-2 1/2"	119'-0"	107	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	15/32"	3/8"	6 1/2"	3 1/2"	1 1/2"	5/8"
W14x30	3'-0"	7'-3"	1.90	7'-0"	2'-8 1/2"	145'-0"	113	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	15/32"	3/8"	6 3/4"	3 1/2"	1 5/8"	1/2"
W14x38	3'-0"	8'-0"	2.09	7'-9"	2'-8 1/2"	153'-0"	122	3'-6"	1" x 4 1/2"	7 1/2"	3"	1 3/4"	4"	1 3/4"	1 1/4"	3/4"	17/32"	3/8"	6 3/4"	3 1/2"	1 5/8"	1/2"
W16x45	3'-0"	8'-6"	2.23	8'-3"	2'-8 1/2"	162'-0"	130	3'-6"	1" x 4 1/2"	7 1/2"	3"	1 3/4"	4"	1 3/4"	1 1/4"	3/4"	17/32"	3/8"	7"	3 1/2"	1 3/4"	1/2"

\*Dimensional changes required for varying site conditions shall be approved by the Engineer.

POST	FUSE PLATE BOLT SIZE																				
	Sign Height																				
	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"	13'-0"	14'-0"	15'-0"	16'-0"	17'-0"	18'-0"	19'-0"	20'-0"	21'-0"	22'-0"	23'-0"	24'-0"
W6x9	1/2" x 1 1/2"	1/2" x 1 1/2"	1/2" x 1 1/2"	1/2" x 1 1/2"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
W6x15	1/2" x 1 3/4"	1/2" x 1 3/4"	1/2" x 1 3/4"	5/8" x 2"	5/8" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	—	—	—	—	—	—	—	—	—	—	—	—
W8x18	1/2" x 1 3/4"	1/2" x 1 3/4"	1/2" x 1 3/4"	1/2" x 1 3/4"	5/8" x 2"	5/8" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	—	—	—	—	—	—	—	—	—	—	—
W10x22	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2"	5/8" x 2"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	—	—	—	—	—	—	—	
W10x26	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	—	—	—	—	—	—	
W12x26	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	—	—	—	—	—	
W14x30	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2"	5/8" x 2"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	—	—	—	
W14x38	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	7/8" x 2 1/2"	7/8" x 2 1/2"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"
W16x45	—	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	7/8" x 2 1/2"	7/8" x 2 1/2"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"



**ELEVATION**  
**GROUND LINE & STUB POST**

\*\* For all "Point 1" and "Point 2" locations, "Clearance Line" must be at or above top of stub post.

- (1) Quantity includes all concrete necessary for one foundation.
- (2) Includes reinforcement bars and spiral hooping for one foundation.

BAW-A-2

6-1-12

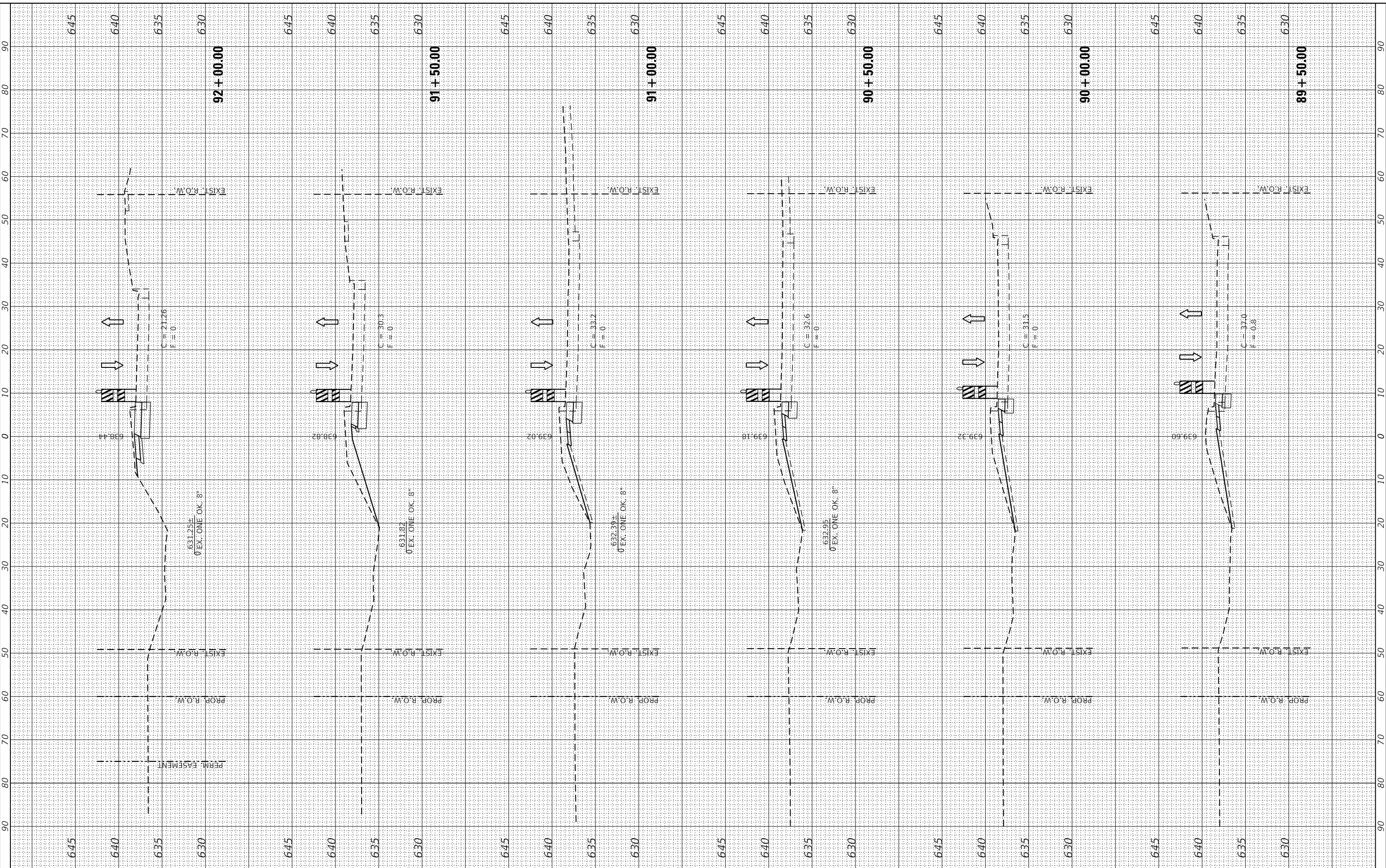
(Sheet 2 of 2)

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		CHECKED -	REVISED			3767	14-00058-00-CH	WILL	154	88	
		DRAWN -	REVISED			CONTRACT NO. 61F64					
		PLOT SCALE =	REVISED			ILLINOIS FED. AID PROJECT					
		PLOT DATE =	CHECKED -	REVISED	SHEET NO. OF SHEETS						

FINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE
NOTE BOOK NO.	PLOTTED AREAS CHECKED		
TEMPLATE NO.	AREAS CHECKED		
AREAS CHECKED			

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE
NOTE BOOK NO.	PLOTTED AREAS CHECKED		
TEMPLATE NO.	AREAS CHECKED		
AREAS CHECKED			

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 e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta10  
 TUG PROJECT NO. 3115011-01  
 PLOT SCALE = 20.0000 ' / in.  
 PLOT DATE = 2/12/2019

DESIGNED - SJF  
 DRAWN - SAE  
 CHECKED - SJF  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**RODEO DRIVE  
 STAGE 1 CROSS SECTIONS**  
 SCALE: 20.0000 ' / in. SHEET OF SHEETS STA. 89+50.00 TO STA. 92+00.00

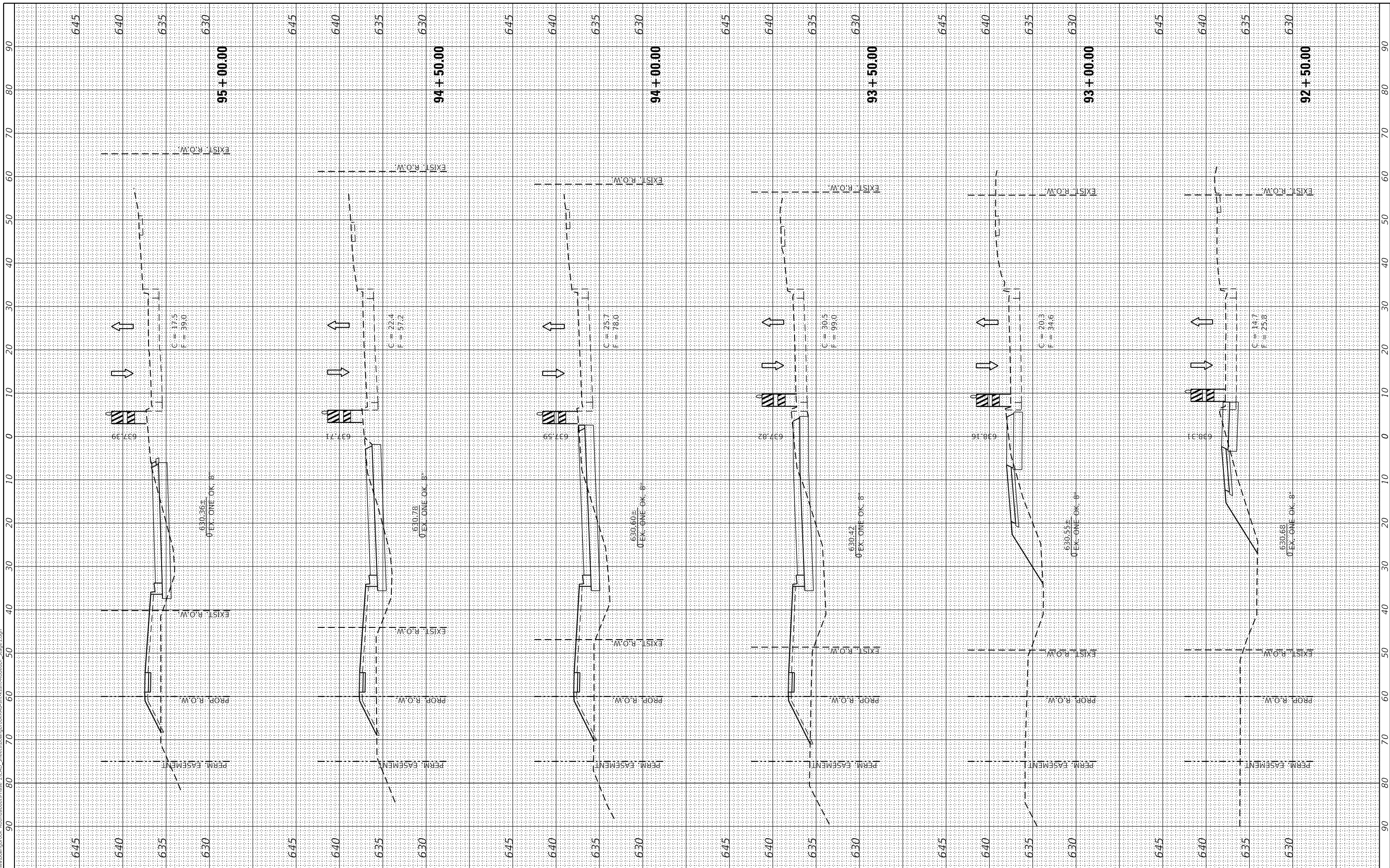
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CONTRACT NO. 61F64				
ILLINOIS		FED. AID PROJECT		



FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK NO.	TEMPLATE AREAS CHECKED		
AREAS CHECKED			

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK NO.	TEMPLATE AREAS CHECKED		
AREAS CHECKED			

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USER NAME = Sta10  
 TUG PROJECT NO. 3115011-01  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 2/12/2019

DESIGNED - SJF  
 DRAWN - SAE  
 CHECKED - SJF  
 DATE -

REVISED -  
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**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

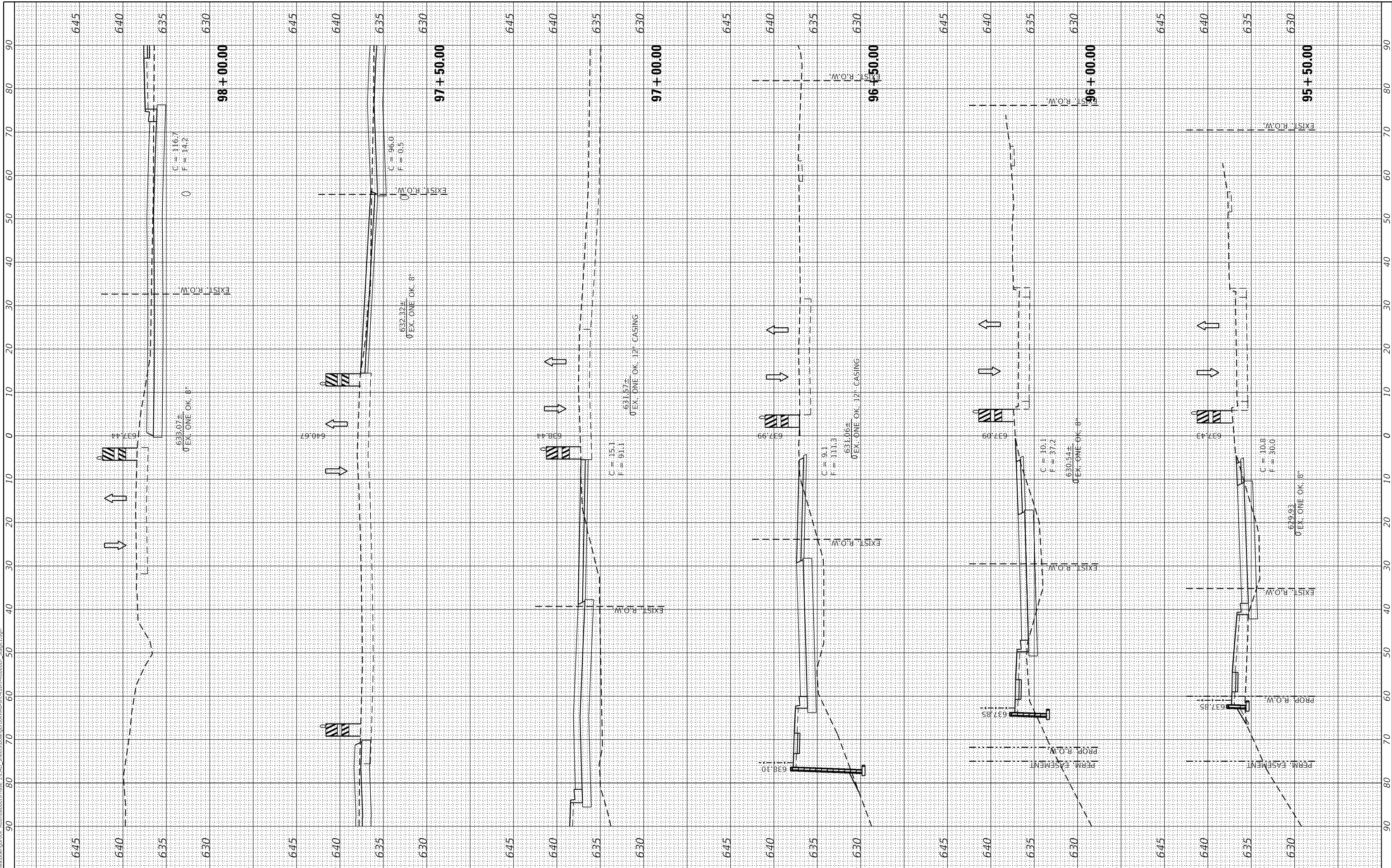
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 STAGE 1 CROSS SECTIONS**  
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	90
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

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USER NAME = Sta10  
 TUG PROJECT NO. 3115011-01  
 PLOT SCALE = 20.0000 ' / in.  
 PLOT DATE = 2/12/2019

DESIGNED - SJF  
 DRAWN - SAE  
 CHECKED - SJF  
 DATE -

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**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

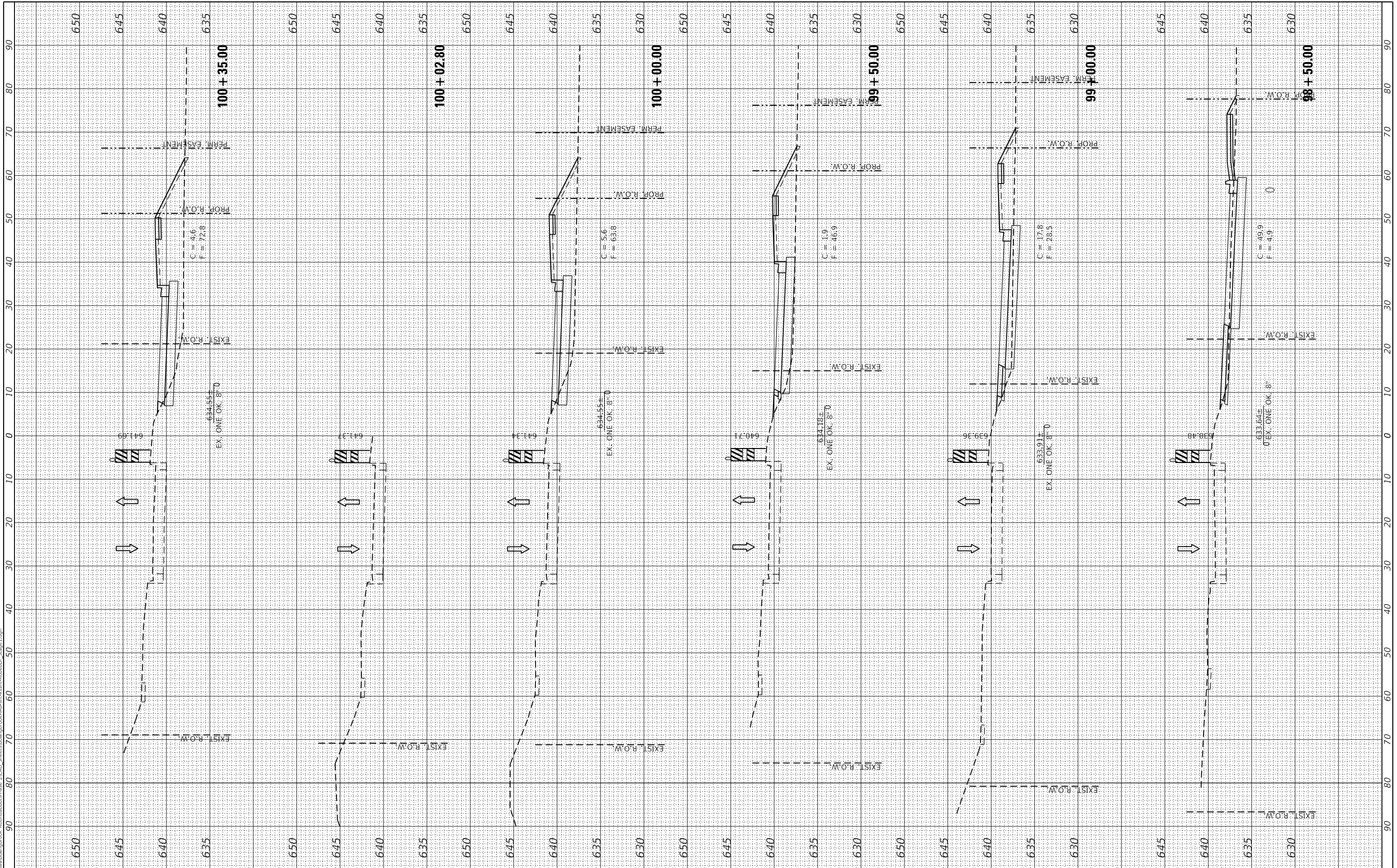
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CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				

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USER NAME = Sta10  
 TUG PROJECT NO. 3115011-01  
 PLOT SCALE = 20.0000 ' / in.  
 PLOT DATE = 2/12/2019

DESIGNED - SJF  
 DRAWN - SAE  
 CHECKED - SJF  
 DATE -

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**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**RODEO DRIVE  
 STAGE 1 CROSS SECTIONS**  
 SCALE: 20.0000 ' / in SHEET OF SHEETS STA. 98+50.00 TO STA. 100+35.00

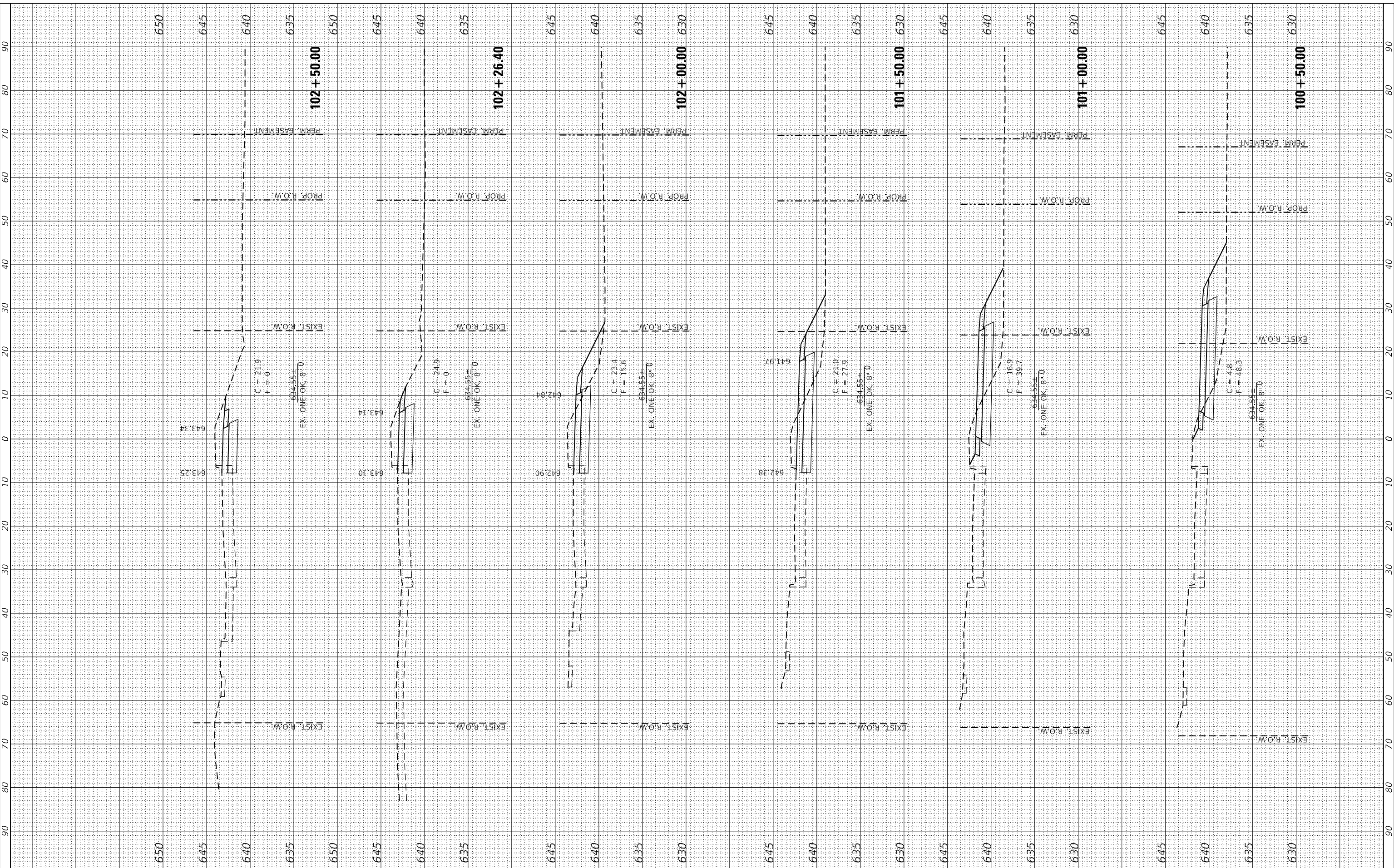
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CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				



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USER NAME = Sta10  
 TUG PROJECT NO. 3115011-01  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 2/12/2019

DESIGNED - SJF  
 DRAWN - SAE  
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 DATE -

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**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**RODEO DRIVE  
 STAGE 1 CROSS SECTIONS**  
 SCALE: 20.0000' / in SHEET OF SHEETS STA. 100+50.00 TO STA. 102+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	93
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				

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ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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USER NAME = Sta10  
 TUG PROJECT NO. 3115011-01  
 PLOT SCALE = 20.0000 ' / in.  
 PLOT DATE = 2/12/2019

DESIGNED - SJF  
 DRAWN - SAE  
 CHECKED - SJF  
 DATE -

REVISED -  
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**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

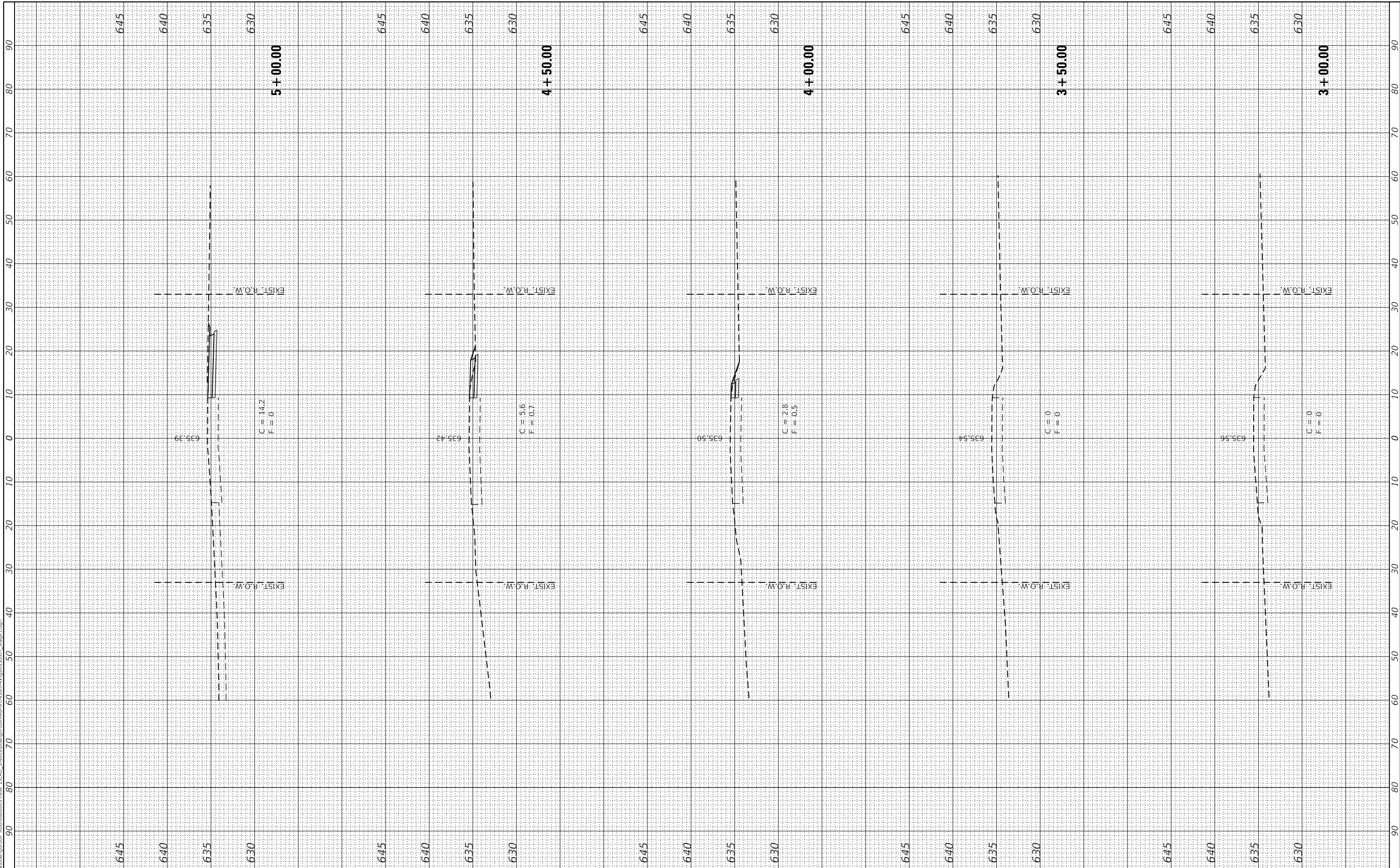
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 STAGE 1 CROSS SECTIONS**  
 SCALE: 20.0000 ' / in. SHEET OF SHEETS STA. 103+00.00 TO STA. 105+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	94
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

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 PLOT SCALE = 20.0000 ' / in.  
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DESIGNED - SJF  
 DRAWN - SAE  
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**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

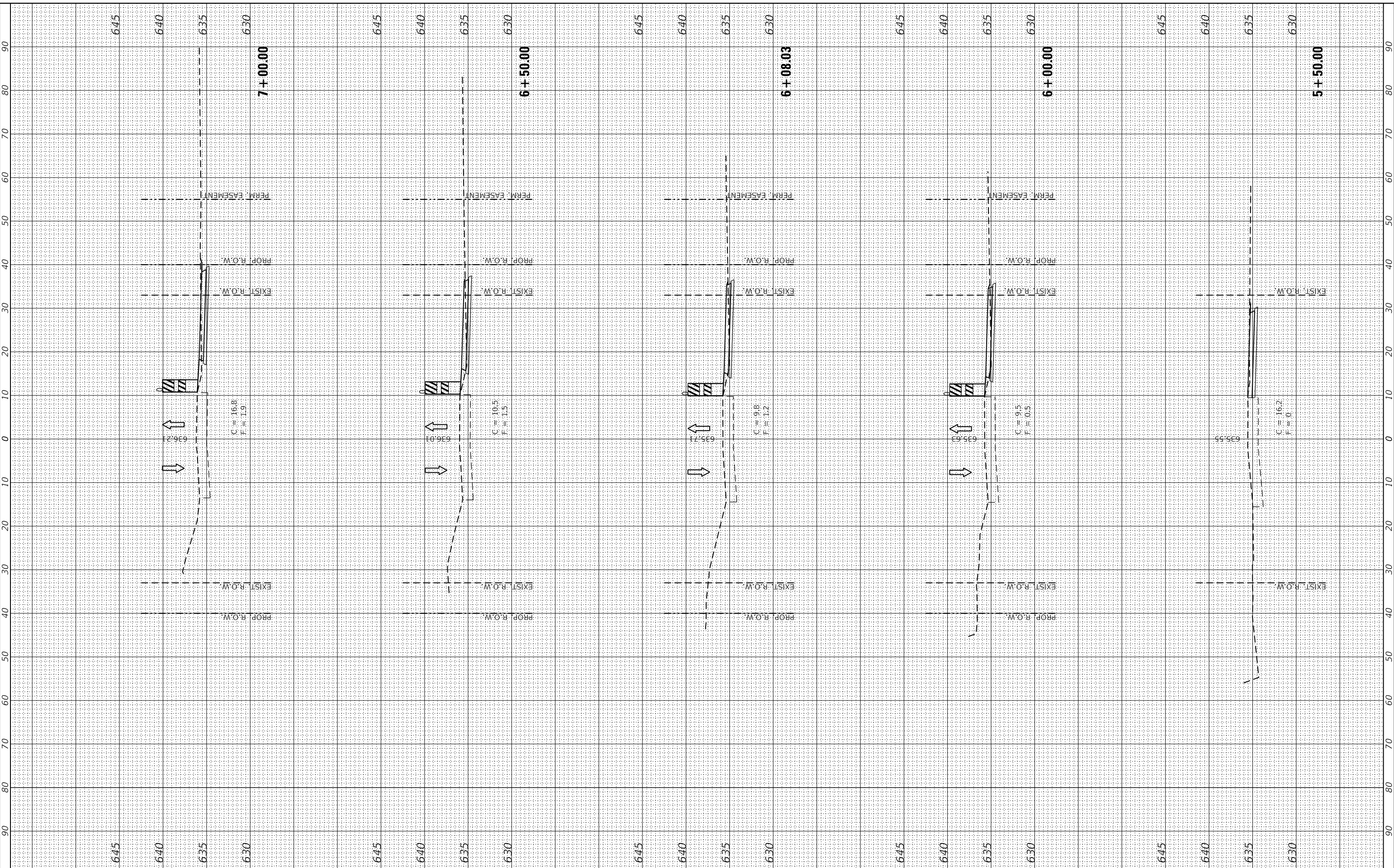
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 STAGE 1 CROSS SECTIONS**  
 SCALE: 20.0000 ' / in. SHEET OF SHEETS STA. 3+00.00 TO STA. 5+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE
NOTE BOOK NO.	PLOTTED AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE
NOTE BOOK NO.	PLOTTED AREAS CHECKED		

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USER NAME = Sta10  
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 PLOT SCALE = 20.0000 ' / in.  
 PLOT DATE = 2/12/2019

DESIGNED - SJF  
 DRAWN - SAE  
 CHECKED - SJF  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**KINGS ROAD SOUTH  
 STAGE 1 CROSS SECTIONS**  
 SCALE: 20.0000 ' / in. SHEET OF SHEETS STA. 5+50.00 TO STA. 7+00.00

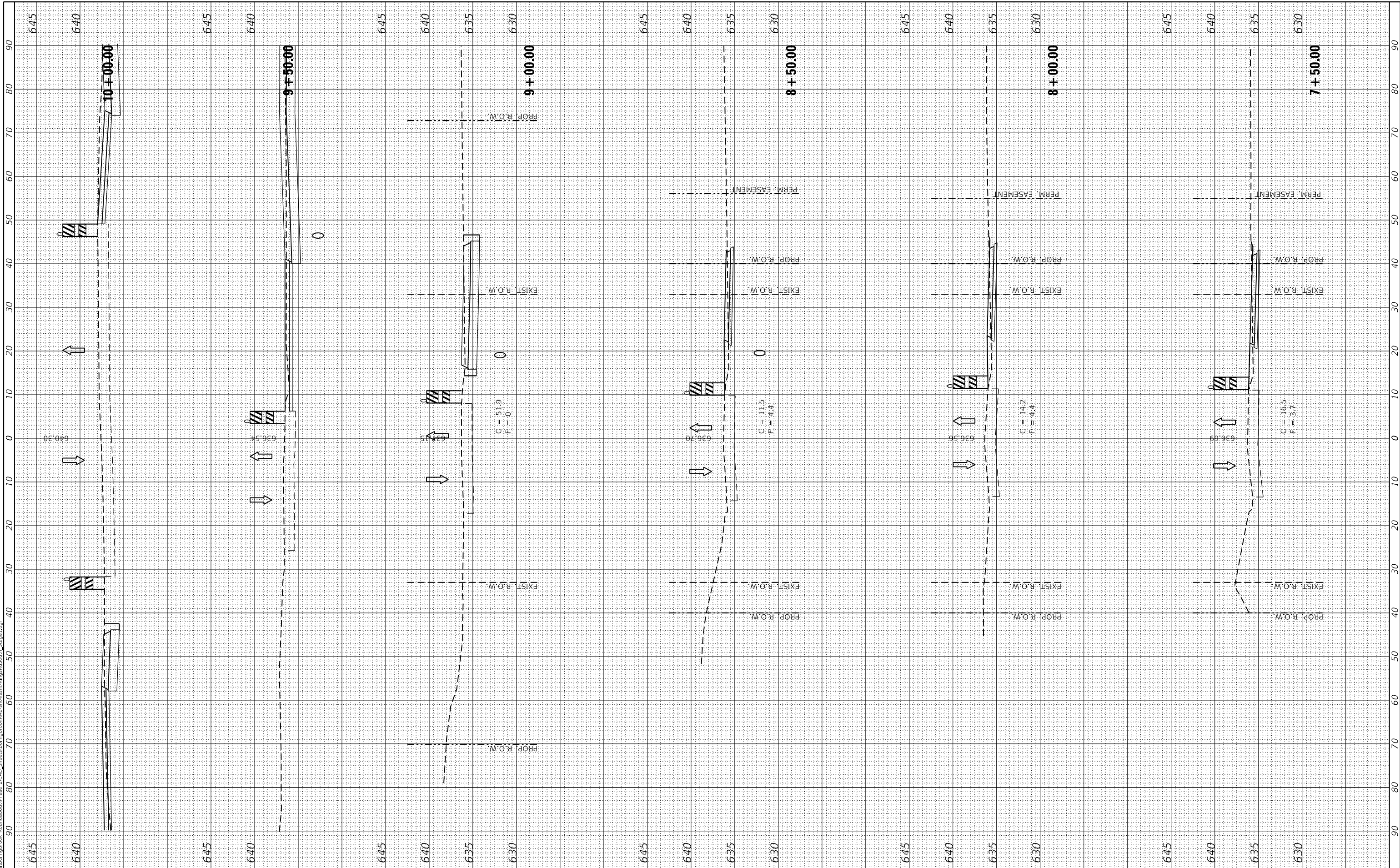
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	96
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
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	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
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USER NAME = Sta10  
 TUG PROJECT NO. 3115011-01  
 PLOT SCALE = 20.0000 ' / in.  
 PLOT DATE = 2/12/2019

DESIGNED - SJF  
 DRAWN - SAE  
 CHECKED - SJF  
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REVISED -  
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**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

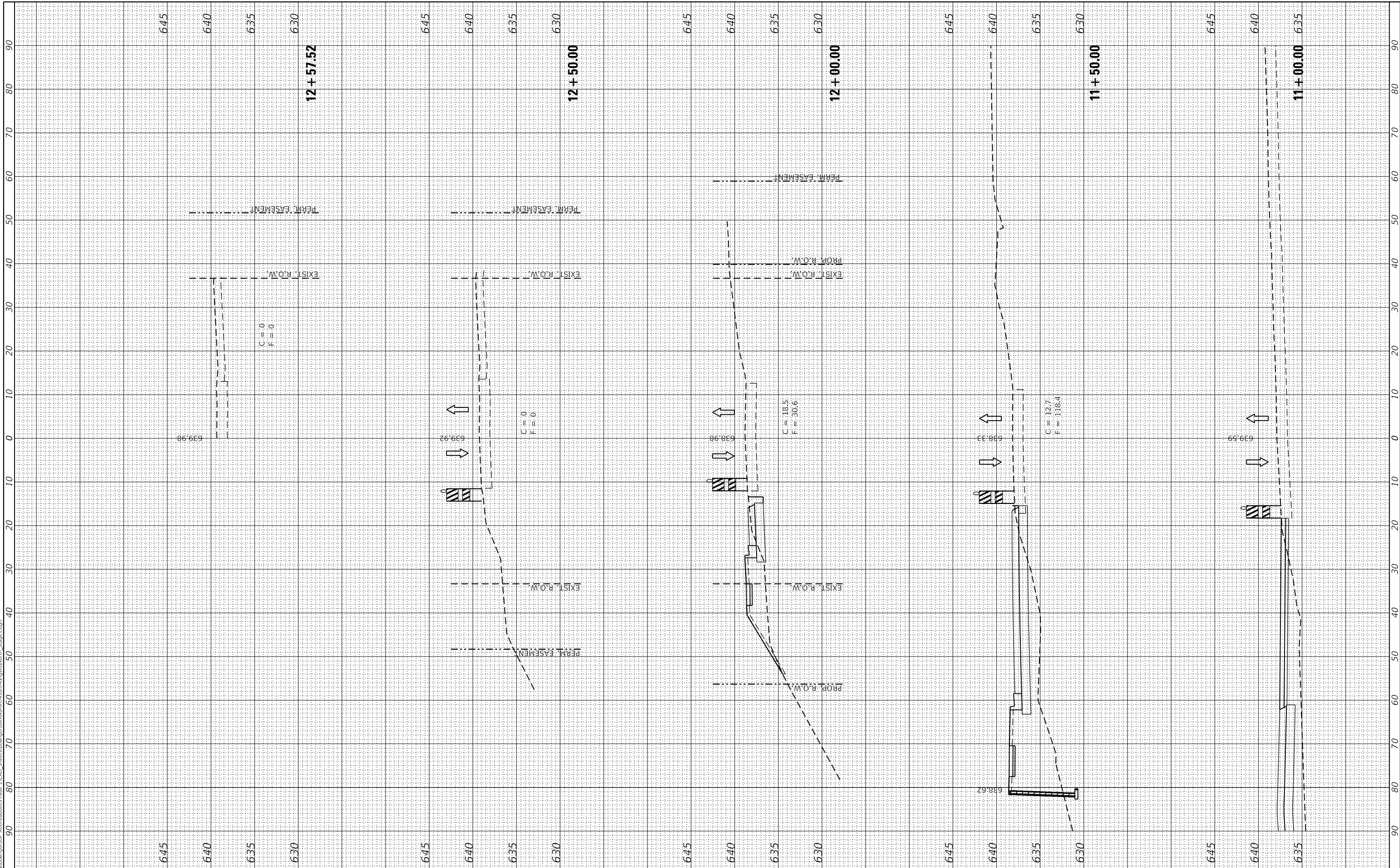
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				

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AREAS CHECKED	TEMPLATE	
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NOTE BOOK	PLOTTED	
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 Phone: 317.253.3177  
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 e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta10  
 TUG PROJECT NO. 3115011-01  
 PLOT SCALE = 20.0000 ' / in.  
 PLOT DATE = 2/12/2019

DESIGNED - SJF  
 DRAWN - SAE  
 CHECKED - SJF  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

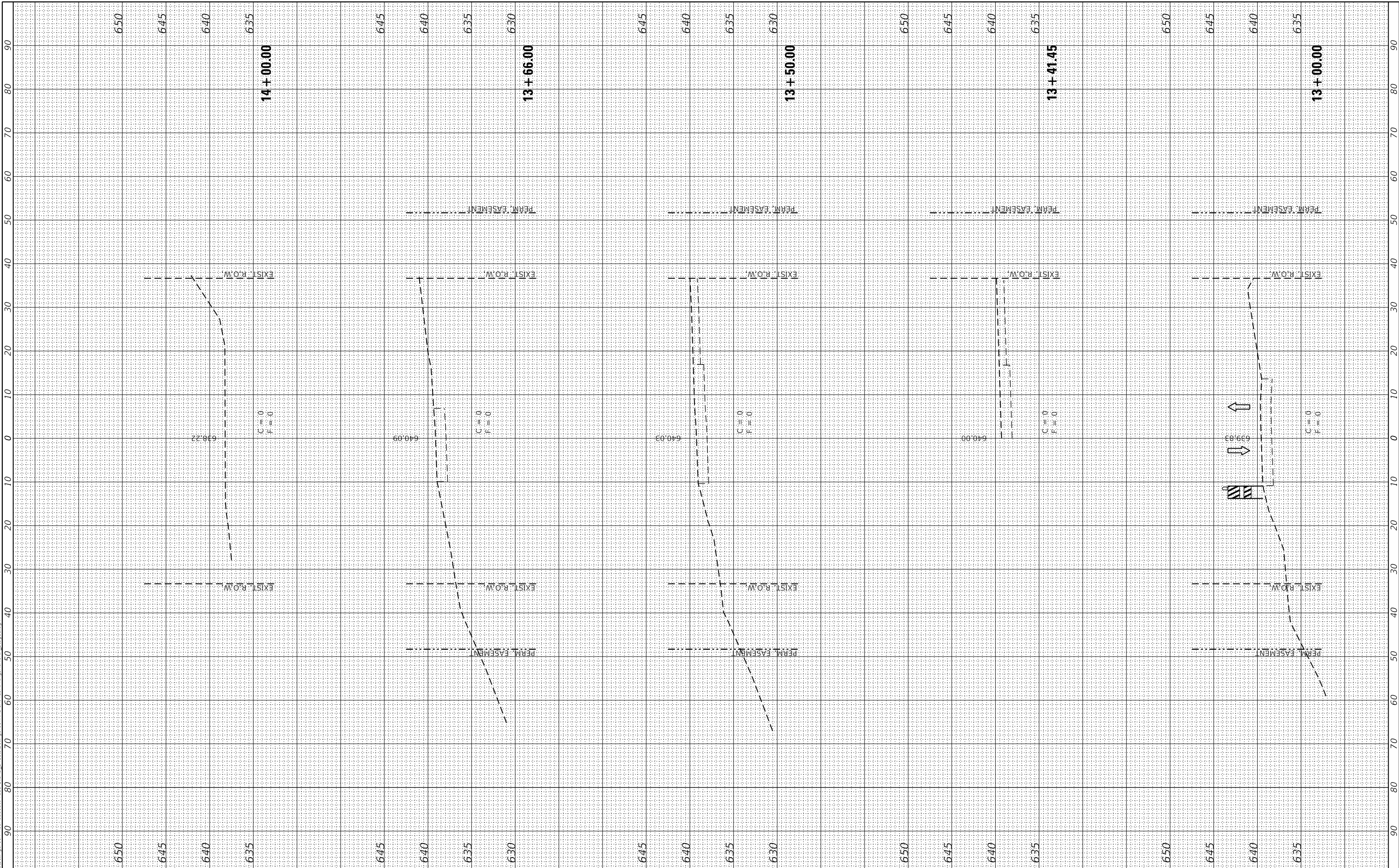
**KINGS ROAD NORTH  
 STAGE 1 CROSS SECTIONS**  
 SCALE: 20.0000 ' / in SHEET OF SHEETS STA. 11+00.00 TO STA. 12+57.52

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	98
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE
NOTE BOOK NO.	PLOTTED AREAS CHECKED		
TEMPLATE NO.	AREAS CHECKED		
AREAS CHECKED			

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE
NOTE BOOK NO.	PLOTTED AREAS CHECKED		
TEMPLATE NO.	AREAS CHECKED		
AREAS CHECKED			

MODEL: \$MODELNAME\$  
 FILE NAME: P:\011\Bolingbrook Roundabout\Phase 2\CAD\_Sheets\Bolingbrook\14-00558-KingsRoad\14-00558-Stage1.dgn



**The Upchurch Group**  
 architects engineers surveyors  
 Professional Design Firm Corporation  
 123 North 15th Street  
 Manassas, VA 20108  
 Phone: 703.255.3177  
 License No. 184-003401  
 e-mail: upchurchgroup@upchurchgroup.com

USER NAME = Sta10  
 TUG PROJECT NO. 3115011-01  
 PLOT SCALE = 20.0000 ' / in.  
 PLOT DATE = 2/12/2019

DESIGNED - SJF  
 DRAWN - SAE  
 CHECKED - SJF  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**KINGS ROAD NORTH  
 STAGE 1 CROSS SECTIONS**

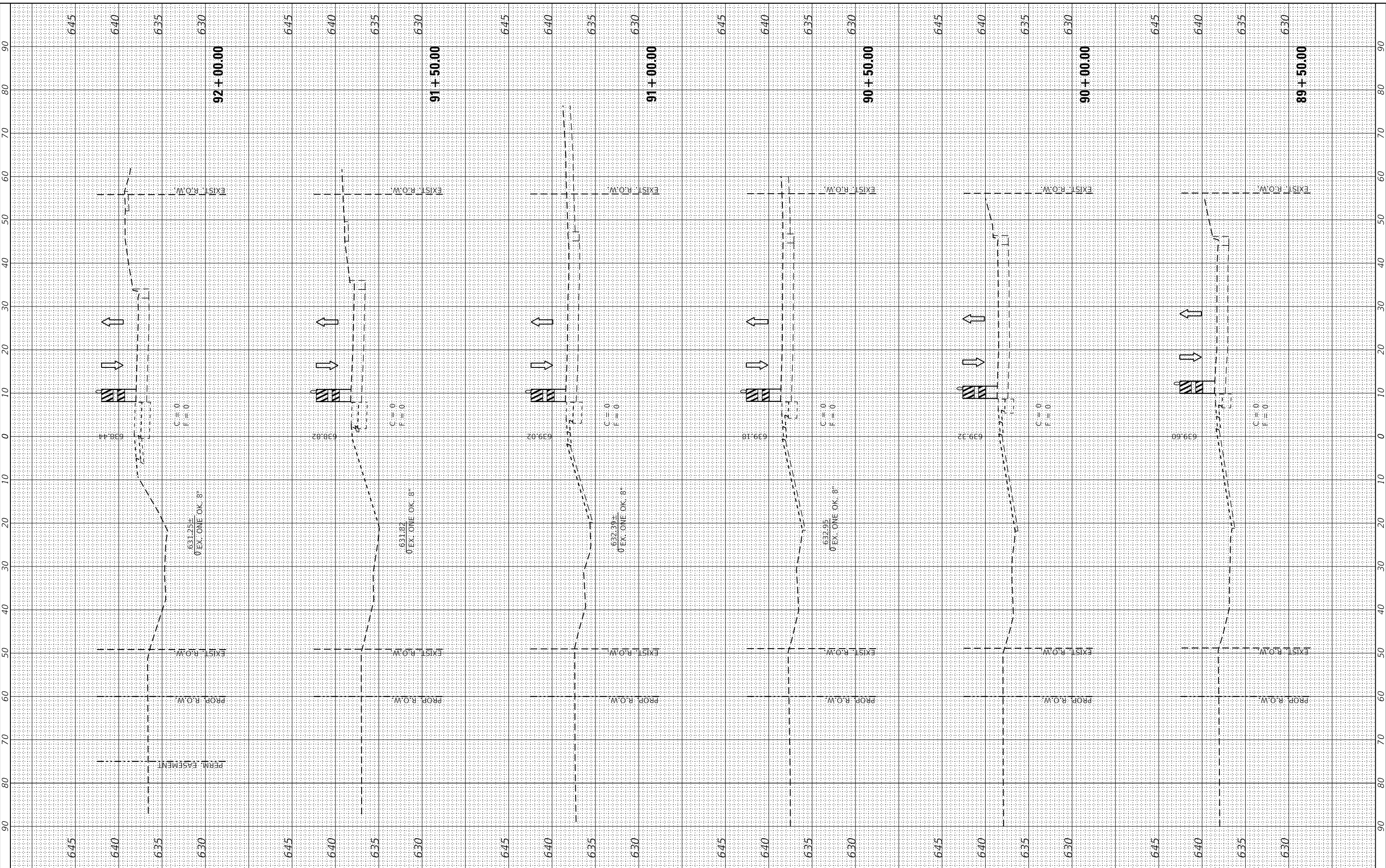
SCALE: 20.0000 ' / in. SHEET OF SHEETS STA. 13+00.00 TO STA. 14+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	99
CONTRACT NO. 61F64				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE
NOTE BOOK NO.	PLOTTED AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE
NOTE BOOK NO.	PLOTTED AREAS CHECKED		

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USER NAME = Sta10  
 TUG PROJECT NO. 3115011-01  
 PLOT SCALE = 20.0000" / in.  
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DESIGNED - SJF  
 DRAWN - SAE  
 CHECKED - SJF  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**RODEO DRIVE ROUNDABOUT AT KINGS ROAD  
 VILLAGE OF BOLINGBROOK, WILL COUNTY, ILLINOIS**

**RODEO DRIVE  
 STAGE 2A CROSS SECTIONS**  
 SCALE: 20.0000" / in. SHEET OF SHEETS STA. 89+50.00 TO STA. 92+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3767	14-00058-00-CH	WILL	154	100
CONTRACT NO. 61F64				
ILLINOIS		FED. AID PROJECT		