

DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED  
FEDERAL-AID HIGHWAY**

**COUNTY HIGHWAY 10 (MAIN ST.) AT NELSON LAKE ROAD  
INTERSECTION IMPROVEMENT  
SECTION 08-00378-00-CH  
PROJECT No: CMM-9003(141)  
KANE COUNTY DIVISION OF TRANSPORTATION  
KANE COUNTY  
JOB NUMBER: C-91-165-09**

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	08-00378-00-CH	KANE	49	1
		ILLINOIS	CONTRACT NO. 63891	

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	HIGHWAY STANDARDS, DISTRICT DETAILS, & GENERAL NOTES
3-4	SUMMARY OF QUANTITIES
5	TYPICAL SECTIONS
6	SCHEDULE OF QUANTITIES
7	ALIGNMENTS, TIES, AND BENCHMARKS
8	REMOVAL PLAN
9-10	PLAN & PROFILE
11	DETOUR ROUTE LAYOUT
12	SUGGESTED STAGES OF CONSTRUCTION
13-14	MAINTENANCE OF TRAFFIC
15	TEMPORARY EROSION CONTROL
16-17	DRAINAGE PLAN & PROFILE
18-19	PLAT OF HIGHWAYS
20	INTERSECTION PLAN
21	PAVEMENT MARKING PLAN
22	SIGNAGE PLAN
23	LANDSCAPE PLAN
24-26	BORING LOG DETAILS
27-37	IDOT DISTRICT ONE DETAILS
38-39	KANE COUNTY DETAILS
40-49	CROSS SECTIONS



**DESIGN DESIGNATION**  
DHV (23) ARTERIAL 4.25 (HMA-20)

PROJECT IS LOCATED  
IN UNINCORPORATED  
BATAVIA

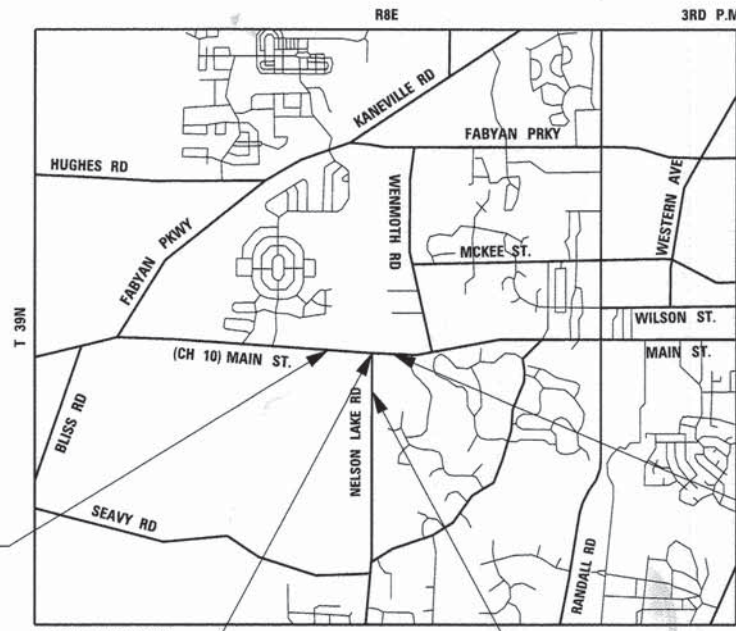
**POSTED SPEED LIMIT**  
MAIN STREET: 45 MPH  
NELSON LAKE ROAD: 40 MPH

**ADT**  
MAIN STREET: 13,000  
NELSON LAKE ROAD: 7,000



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

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



PROJECT BEGINS  
STA. 664 + 28.62  
MAIN STREET

PROJECT ENDS  
STA. 675 + 68.86  
MAIN STREET

CENTERLINE INTERSECTION  
STA. 669 + 05.70, MAIN STREET =  
STA. 99 + 99.96, NELSON LAKE RD

LOCATION MAP  
SCALE: N.T.S.

PROJECT BEGINS  
STA. 96 + 51  
NELSON LAKE RD

GROSS LENGTH = 1140 FT. = 0.216 MILE  
NET LENGTH = 1140 FT. = 0.216 MILE



**SE3**  
SE3, LLC  
3041 WOODCREEK DRIVE, SUITE 211  
DOWNERS GROVE, IL 60515  
PHONE: (630) 641-9900

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

APPROVED DECEMBER 12 20 14  
*[Signature]*  
KANE COUNTY DIVISION OF TRANSPORTATION

PASSED JANUARY 2 20 15  
*[Signature]*  
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASED FOR BID  
BASED ON LIMITED  
REVIEW JANUARY 2, 2015  
*[Signature]*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**

PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLE, P.E. 847-705-4406 SCHAUMBURG, IL

CONTRACT NO. 63891

## HIGHWAY DETAILS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS (8 SHEETS)
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS (2 SHEETS)
- 442201-03 CLASS C AND D PATCHES
- 542001-04 CONCRETE END SECTIONS FOR PIPE CULVERTS 15" THRU 84" DIA. (3 SHEETS)
- 542301-03 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 602001-02 CATCH BASIN TYPE A
- 602301-04 INLET - TYPE A
- 602306-03 INLET - TYPE B
- 602401-03 MANHOLE TYPE A
- 602601-03 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 604001-04 FRAME AND LIDS TYPE 1
- 604036-03 GRATE TYPE 8
- 604051-04 FRAME AND GRATE TYPE 11
- 606001-06 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER (2 SHEETS)
- 606006-02 OUTLETS FOR CONCRETE CURB AND GUTTER TYPE B-6.24 (B-15.60)
- 666001-01 RIGHT OF WAY MARKERS
- 701001-02 OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY
- 701006-05 OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
- 701011-04 OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701201-04 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701326-04 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS >= 45 MPH
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701901-04 TRAFFIC CONTROL DEVICES (3 SHEETS)
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-04 SIGN PANEL ERECTION DETAILS
- 728001-01 TELESCOPING STEEL SIGN SUPPORT
- 729001-01 APPLICATIONS OF TYPES A & B POSTS (FOR SIGNS & MARKERS)
- 780001-05 TYPICAL PAVEMENT MARKINGS (2 SHEETS)
- 781001-03 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

## DISTRICT DETAILS

- BD-01 DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >15'(4.5m)
- BD-02 DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB <15'(4.5m)
- BD-03 OUTLET FOR CONCRETE CURB AND GUTTER
- BD-22 PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
- BD-32 BUTT JOINT AND HMA DETAILS
- BD-51 BENCHING DETAIL FOR EMBANKMENT WIDENING
- TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
- TC-11 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
- TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKERS
- TC-16 PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
- TC-22 ARTERIAL ROAD INFORMATION SIGN

## COUNTY DETAILS

- KC781001-04 RECESSED REFLECTIVE PAVEMENT MARKERS (2 SHEETS)

## GENERAL NOTES

1. THE LOCATIONS AND ELEVATIONS OF THE VARIOUS UNDERGROUND UTILITIES AS SHOWN ON THE DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL USE SPECIAL CARE WHEN COORDINATING CONSTRUCTION OPERATIONS NEAR THEM AND IS RESPONSIBLE FOR ANY DAMAGE THAT MAY BE CAUSED.
2. 48 HOURS PRIOR TO THE START OF ANY EXCAVATION, THE CONTRACTOR SHALL CALL J.U.L.I.E. AND KANE COUNTY (630-584-1170) FOR VERIFICATION OF ANY UTILITY LOCATIONS IN THE FIELD.
3. THE CONTRACTOR SHALL COORDINATE WITH ALL ABOVE AND UNDERGROUND UTILITY COMPANIES IF UTILITIES NEED TO BE RELOCATED.
4. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS UNTIL THE OWNER, AN AUTHORIZED AGENT, OR LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DISRUPTED BY THEIR OPERATIONS.
5. BARRICADES: ALL UNBALLASTED TYPE I AND TYPE II BARRICADES SHALL HAVE A MINIMUM OF TWO (2) SANDBAGS ON THE BOTTOM RAIL. A TYPE III BARRICADE SHALL REQUIRE A MINIMUM OF FOUR (4) SANDBAGS.
6. THE CONTRACTOR SHALL ENSURE THAT POSITIVE DRAINAGE IS MAINTAINED AT ALL TIMES DURING AND AFTER THE CONSTRUCTION OF THE PROPOSED COMBINATION CONCRETE CURB AND GUTTER. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE APPLICABLE TYPE OF COMBINATION CONCRETE CURB AND GUTTER.
7. THE CONTRACTOR SHALL TAKE CARE TO PROTECT EXISTING PLANT MATERIAL AND LANDSCAPING AT LOCATIONS NOT SHOWN ON THE PLANS TO BE REMOVED AND AS DIRECTED BY THE ENGINEER. LANDSCAPING TO BE PROTECTED THAT IS DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED IN KIND AND AT THEIR EXPENSE. CLEARING OF BRUSH, BUSHES AND TREES WITH A DIAMETER LESS THAN 6" WILL NOT BE PAID FOR SEPARATELY PER SECTION 202 OF THE STANDARD SPECIFICATIONS. WHERE SPECIFIED ON THE PLANS, OR DIRECTED BY THE ENGINEER, TRIMMING OF VEGETATION TO THE RIGHT-OF-WAY LINE WILL BE CONSIDERED TO BE CLEARING AND NOT MEASURED FOR PAYMENT.
8. ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND KANE COUNTY DIVISION OF TRANSPORTATION.
9. THE FRAMES AND LIDS OF EXISTING UTILITY OR DRAINAGE STRUCTURES WITHIN THE LIMITS OF THIS IMPROVEMENT PROJECT THAT ARE NOT NOTED ON THE PLANS FOR REPLACEMENT OR RECONSTRUCTION SHALL BE ADJUSTED TO MATCH THE PROPOSED ROADWAY GRADES. THE FRAMES AND LIDS OF PRIVATE UTILITY STRUCTURES SHALL BE ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL COORDINATE WITH PRIVATE UTILITY OWNERS TO HAVE THE ADJUSTMENTS PERFORMED.
10. TREE PRUNING AND TREE TRUCK PROTECTION HAVE BEEN PROVIDED FOR LOCATIONS WHERE EXISTING TREES MAY BE IMPACTED BY CONSTRUCTION ACTIVITY. THE ACTUAL NEED SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER. TREE TRUCK PROTECTION AND TREE PRUNING SHALL BE DONE ACCORDING TO THE REQUIREMENTS OF ARTICLE 201.05 AND 201.06 OF THE STANDARD SPECIFICATIONS, RESPECTIVELY. TREE TRUCK PROTECTION AND TREE PRUNING SHALL BE MEASURED AND PAID FOR ACCORDING TO SECTION 201 OF THE STANDARD SPECIFICATIONS. THESE QUANTITIES WILL BE DEDUCTED IF THE WORK IS NOT DEEMED NECESSARY AND NO EXTRA COMPENSATION SHALL BE DUE TO THE CONTRACTOR.
11. PAVEMENT PATCHING (ITEM 44201765) HAS BEEN PROVIDED FOR THE REPAIR OF LOCALIZED PAVEMENT FAILURES. THE ACTUAL NEED FOR PAVEMENT PATCHING WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSIDERATION BY THE ENGINEER. IF PAVEMENT PATCHING IS NOT REQUIRED, THEN THE QUANTITY WILL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE THE CONTRACTOR.
12. PATCHING OF THE EXISTING PAVMENT, WHERE REQUIRED SHALL BE COMPLETED PRIOR TO THE PLACEMENT OF LEVELING BINDER.
13. A QUANTITY OF 150 CU YD OF AGGREGATE SUBGRADE IMPROVEMENT HAS BEEN PROVIDED FOR SOILS THAT TEND TO BE UNSTABLE WHEN WET. THE ACTUAL AMOUNT AND LOCATION OF UNDERCUT WILL BE DETERMINED BY THE ENGINEER IN THE FIELD. THE CONTRACTOR SHALL ONLY BE COMPENSATED FOR THE QUANTITY OF AGGREGATE SUBGRADE IMPROVEMENT THAT IS INSTALLED.
14. LAYOUT AND STAKING FOR ALL CONSTRUCTION OPERATIONS SHALL BE PROVIDED BY THE CONTRACTOR.
15. THE CONTRACTOR'S OPERATIONS AND TEMPORARY STORAGE ACTIVITIES SHALL BE LIMITED TO THE WORK AREA AND/OR CONSTRUCTION LIMITS. ANY ADDITIONAL STAGING AREAS ADJACENT TO THE PROJECT ARE SUBJECT TO PRIOR APPROVAL BY THE ENGINEER. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR COMPLIANCE WITH THE ABOVE REQUIREMENTS.
16. TOPSOIL SHALL BE FERTILE, FRIABLE, NATURAL LOAM, SURFACE SOIL, REASONABLY FREE OF SUBSOIL, CLAY LUMPS, BRUSH WEEDS, AND OTHER LITTER AND FREE OF ROOT STUMPS, STONES AND OTHER MATERIAL HARMFUL TO PLANT GROWTH.
17. ALL SUBSURFACE DRAINS AND/OR FIELD TILES ENCOUNTERED IN THE ROADWAY EXCAVATION SHALL BE REMOVED AND CONSIDERED TO BE INCLUDED IN THE COST OF EARTH EXCAVATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CAPPING THE EXISTING SUBSURFACE DRAINS OR CONNECTING TO THE PROPOSED DITCHES AT THE LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE OWNER. THIS WORK SHALL NOT BE MEASURED SEPARATELY FOR PAYMENT, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
18. THE PROPOSED DRAINAGE STRUCTURES AND PIPES SHALL BE PROTECTED IMMEDIATELY AFTER THEY ARE CONSTRUCTED UNTIL THE SURFACES THAT DRAIN TO THEM ARE FULLY PAVED OR VEGETATED.
19. WHERE THE LIMITS OF CONSTRUCTION HAVE NOT BEEN SHOWN ON THE PLANS, THE RIGHT-OF-WAY SHALL BE CONSIDERED THE CONSTRUCTION LIMIT.
20. ALL SIGN RELOCATIONS AND PROPOSED SIGNS SHALL BE PLACED IN THE LOCATIONS INDICATED ON THE DRAWINGS. ALL SIGNS SHALL BE INSTALLED ACCORDING TO THE MUTCD AND THE STANDARD SPECIFICATIONS.
21. LEVELING BINDER (MACHINE METHOD) HAS BEEN PROVIDED FOR CROSS SLOPE CORRECTION FOLLOWING THE MILLING OF THE SURFACE COURSE. ACTUAL USE OF THE LEVELING BINDER SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER. THE CONTRACTOR SHALL ONLY BE COMPENSATED FOR ACTUAL QUANTITIES OF LEVELING BINDER (MACHINE METHOD) USED.

22. RAP WILL NOT BE ALLOWED FOR USE AS AN AGGREGATE FOR SHOULDER STONE.
23. SUBBASE GRANULAR MATERIAL CAN BE CA-6 GRADATION OF CRUSH STONE, CRUSHED GRAVEL, ASPHALT (RAP), CONCRETE OR BITUMINOUS.
24. ALL CAPS SHALL BE IDENTIFIED AS "COUNTY OF KANE" WITH SURVEYORS REGISTRATION NUMBER SUCH AS "PLS 1234".
25. ALL MONUMENTATION SHALL BE ESTABLISHED UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL LAND SURVEYOR.
26. TOP OF GRATE ELEVATIONS FOR DRAINAGE STRUCTURES LOCATED WITHIN THE CURB AND GUTTERS ARE AT THE FLOWLINE OF THE GUTTER, OTHERWISE, TOP OF GRATE ELEVATIONS ARE TO THE CENTER OF THE FRAME OR GATE.
27. STORM SEWER SHALL BE BACKFILLED IN ACCORDANCE WITH ARTICLE 550.07 METHOD 1 ONLY.
28. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS, CROSSROAD PIPES, OR DRAINAGE STRUCTURES DUE TO CONSTRUCTION OPERATIONS SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT.
29. THE REMOVAL OF EXISTING ENTRANCE CULVERTS SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
30. THE CONTRACTOR SHALL PROTECT EXISTING AND NEW UTILITIES. WHEN REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL BRACE AND SUPPORT THE UTILITIES PROPERLY IN ORDER TO PREVENT SETTLEMENT, DISPLACEMENT, OR DAMAGE TO THE UTILITIES. THE PROTECTION OF THE UTILITIES AS SPECIFIED HEREIN WILL NOT BE PAID FOR SEPARATELY, BUT THE COST THEREOF SHALL BE CONSIDERED AS INCIDENTAL TO THE CONTRACT.
31. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE RESPECTIVE UTILITIES AND THE COUNTY.
32. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING FACILITIES SO THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS.
33. FERTILIZER NUTRIENTS SHALL BE APPLIED AT THE FOLLOWING RATES PER ACRE:  
 NITROGEN FERTILIZER NUTRIENT - 90 LBS./ACRE  
 PHOSPHORUS FERTILIZER NUTRIENT - 90 LBS./ACRE  
 POTASSIUM FERTILIZER NUTRIENT - 90 LBS./ACRE
34. COST OF REMOVING, RELOCATING, SAFE STORAGE, AND RESTORATION OF DECORATIVE ROCKS ON RESIDENTIAL ACCESS ON NELSON LAKE ROAD SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
35. BELOW ARE CONTACT DETAILS FOR VARIOUS UTILITIES THAT WILL BE IMPACTED BY THE PROJECT.
 

AGENCY	CONTACT PERSON	TELEPHONE NO.
ATT	JIM EVERETT	770-750-6181
COMCAST	TED WYMAN	630-600-6349
COMED	JOE STACHO	630-424-5704
NICOR	CONSTANCE LANE	630-388-3830
36. REMOVAL OF EXISTING REFLECTIVE PAVEMENT MARKERS SHALL NOT BE MEASURED SEPARATELY FOR PAYMENT BUT SHALL BE INCLUDED IN THE COST OF PAVEMENT REMOVAL.

### COMMITMENTS

1. CONSTRUCTION CREWS WILL BE INSTRUCTED TO STOP IF ANY TURTLE IS ENCOUNTERED ON-SITE. IF BLANDING'S TURTLES ARE FOUND, THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND THE FOREST PRESERVE DISTRICT OF KANE COUNTY WILL BE NOTIFIED AND TAKE PROPER ACTION.
2. EXCLUSIONARY FENCING WILL BE IN PLACE THROUGHOUT THE ENTIRE PROJECT DURATION. CONTRACTOR WILL BE INSTRUCTED TO MAKE REGULAR INSPECTIONS OF THE FENCING.

	USER NAME = SJohnson	DESIGNED - RK	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>HIGHWAY STANDARDS, DISTRICT DETAILS,</b> <b>&amp; GENERAL NOTES</b>				CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.00 FT / in.	CHECKED - RK	REVISED -		10	08-00378-00-CH	KANE	49	2				
	PLOT DATE = 1/15/2015	DATE - 12-15-2014	REVISED -		CONTRACT NO. 63891								
					SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.	[ILLINOIS] FED. AID PROJECT		

SUMMARY OF QUANTITIES

SP	CODE NUMBER	ITEM	UNIT	TOTAL QTY	ROADWAY 0004
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	12	12
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	21	21
	20101000	TEMPORARY FENCE	FOOT	50	50
	20101100	TREE TRUNK PROTECTION	EACH	3	3
	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	2	2
	20200100	EARTH EXCAVATION	CU YD	2,165	2,165
	20800150	TRENCH BACKFILL	CU YD	126	126
X	21101625	TOPSOIL FURNISH AND PLACE, 6"	SO YD	4,156	4,156
	21301060	EXPLORATION TRENCH 60" DEPTH	FOOT	100	100
	21400100	GRADING AND SHAPING DITCHES	FOOT	500	500
X	25000210	SEEDING, CLASS 2A	ACRE	0.75	0.75
X	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	77	77
X	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	77	77
X	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	77	77
X	25100125	MULCH, METHOD 3	ACRE	1.00	1.00
X	25100630	EROSION CONTROL BLANKET	SO YD	3,630	3,630
X	25200110	SODDING, SALT TOLERANT	SO YD	702	702
X	25200200	SUPPLEMENTAL WATERING	UNIT	11	11
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	86	86
	28000305	TEMPORARY DITCH CHECKS	FOOT	280	280
	28000400	PERIMETER EROSION BARRIER	FOOT	1,600	1,600
	28000500	INLET AND PIPE PROTECTION	EACH	3	3
	28000510	INLET FILTERS	EACH	2	2
	28001100	TEMPORARY EROSION CONTROL BLANKET	SO YD	4,156	4,156
	28100105	STONE RIPRAP, CLASS A3	SO YD	19	19
	28200200	FILTER FABRIC	SO YD	19	19
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	840	840
	31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SO YD	185	185
	35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	1,295	1,295

SP	CODE NUMBER	ITEM	UNIT	TOTAL QTY	ROADWAY 0004
	35501320	HOT-MIX ASPHALT BASE COURSE, 9"	SO YD	705	705
	35800100	PREPARATION OF BASE	SO YD	3,332	3,332
	40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	20	20
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	3,150	3,150
	40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	150	150
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	29	29
	40600990	TEMPORARY RAMP	SO YD	37	37
	40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	4	4
	40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	330	330
	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	660	660
	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	60	60
	44000100	PAVEMENT REMOVAL	SO YD	1,061	1,061
	44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SO YD	3,332	3,332
	44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	140	140
	44002206	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 1 1/2"	SO YD	22	22
	44201765	CLASS D PATCHES, TYPE II, 10 INCH	SO YD	290	290
	44201769	CLASS D PATCHES, TYPE III, 10 INCH	SO YD	22	22
	44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	1,200	1,200
	48101600	AGGREGATE SHOULDERS, TYPE B 8"	SO YD	1,600	1,600
	50105220	PIPE CULVERT REMOVAL	FOOT	66	66
	542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	63	63
	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1	1
	54261415	CONCRETE END SECTION, STANDARD 542001, 15", 1:4	EACH	2	2
	54261424	CONCRETE END SECTION, STANDARD 542001, 24", 1:4	EACH	2	2
	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	176	176
	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	349	349
	60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1	1
	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3

- SPECIAL PROVISION
- X SPECIALTY ITEMS
- CONSTRUCTION TYPE CODE 0042

FILE NAME = P:\A22-200-001\_KDOT Main et Nelson Lake P2\Design\CADD\Sheets\83-KDOT-MAIN\NL-shr-500.dgn

Default



USER NAME = SJohnson  
 PLOT SCALE = 100.00 FT / IN.  
 PLOT DATE = 12/12/2014

DESIGNED -  
 DRAWN - DHO  
 CHECKED - RK  
 DATE - 12-15-2014

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	08-00378-00-CH	KANE	49	3


CONTRACT NO. 63891  
 ILLINOIS FED. AID PROJECT

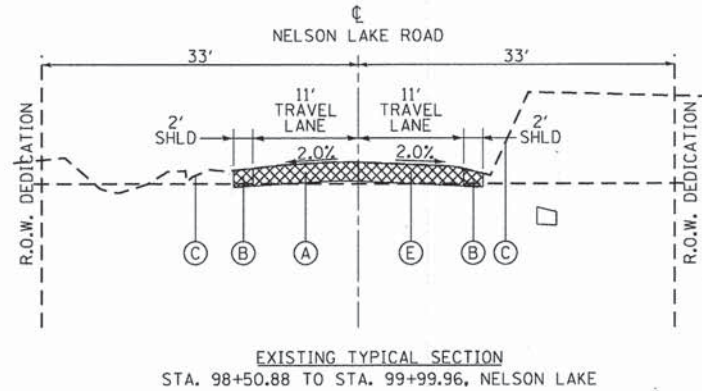
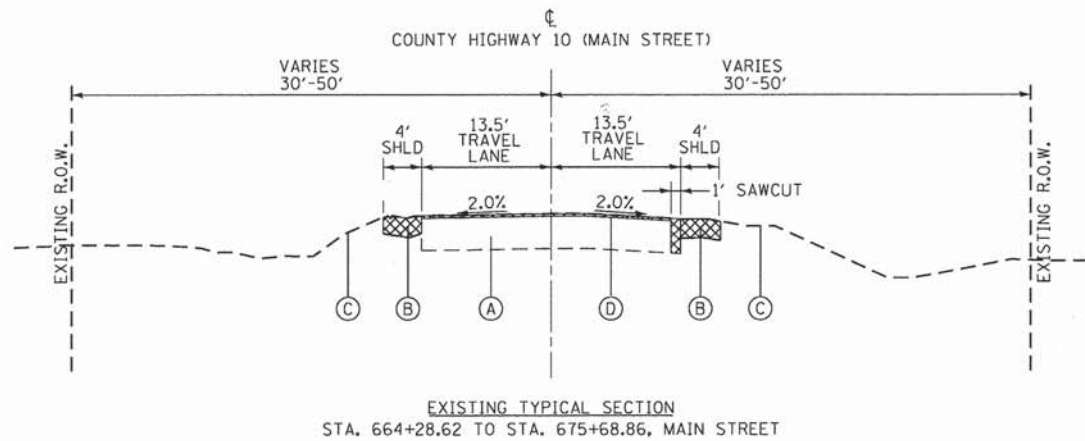
SUMMARY OF QUANTITIES

SP	CODE NUMBER	ITEM	UNIT	TOTAL QTY	ROADWAY 0004
	60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	1
	60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	1	1
	60600095	CLASS SI CONCRETE (OUTLET)	CU YD	3.5	3.5
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	400	400
	60608562	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12	FOOT	83	83
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	28	28
	70106800	CHANGEABLE MESSAGE SIGN	CAL MO	12	12
	70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	9,940	9,940
	70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	24	24
X	70300510	PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS	SO FT	146	146
X	70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	1,600	1,600
X	70300570	PAVEMENT MARKING TAPE, TYPE III 24"	FOOT	45	45
	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	3,360	3,360
	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	16	16
	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	2
X *	78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	146	146
X *	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	5,100	5,100
X *	78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	225	225
X *	78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	90	90
X *	78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	45	45
	78300100	PAVEMENT MARKING REMOVAL	SO FT	900	900
*	Z0004530	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"	SO YD	185	185
*	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
*	Z0019600	DUST CONTROL WATERING	UNIT	10	10
X *	Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	52	52
	C2C01124	SHRUB, BUXUS KOREANA X SEMPERVIRENS GREEN VELVET (GREEN VELVET BOXWOOD), 2' HEIGHT, CONTAINER	EACH	2	2
X	K0012970	PERENNIAL PLANTS, BULB TYPE	UNIT	8	8
X	K0026850	PERENNIAL PLANT CARE	SO YD	20	20

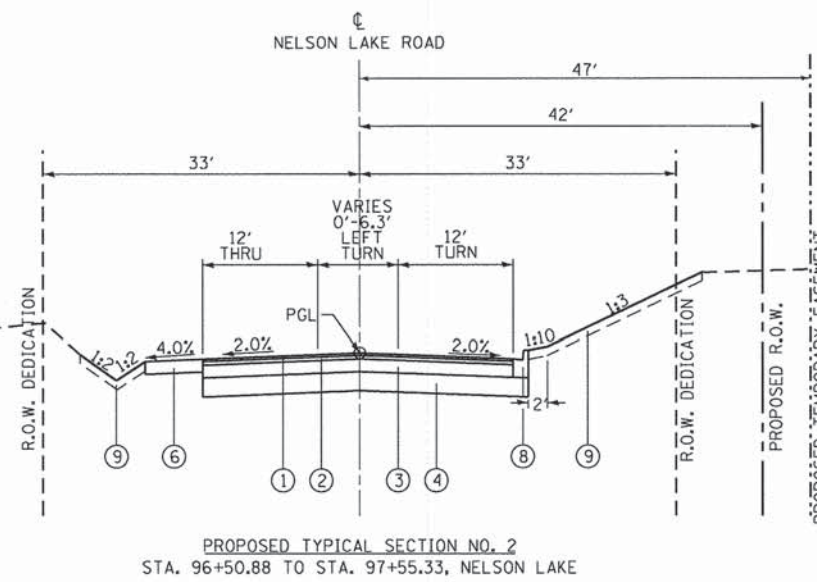
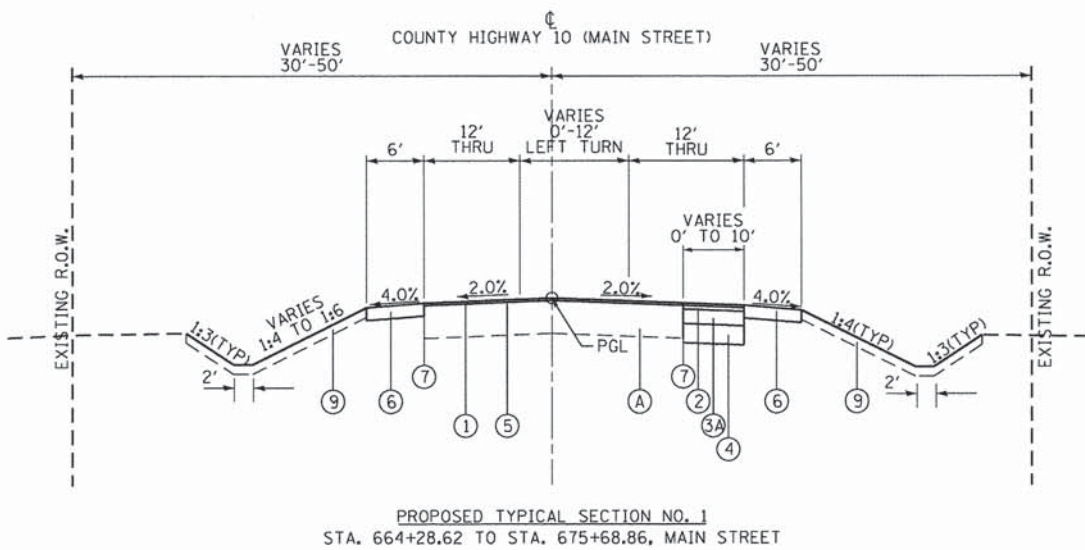
SP	CODE NUMBER	ITEM	UNIT	TOTAL QTY	ROADWAY 0004
*	X0322936	REMOVE EXISTING FLARED END SECTION	EACH	2	2
*	X2020410	EARTH EXCAVATION (SPECIAL)	CU YD	750	750
*	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	1	1
*	X7010216	TRAFFIC CONTROL AND PROTECTION, (ARTERIALS)	L SUM	1	1
X *	X7810300	RECESSED REFLECTIVE PAVEMENT MARKER	EACH	68	68

- \* SPECIAL PROVISION
- X SPECIALTY ITEMS
- \* CONSTRUCTION TYPE CODE 0042

 SES, LLC 3041 WOODCREEK DR, SUITE 211 DOWNERS GROVE, IL 60515	USER NAME = SJohnson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.00 FT / in.	DRAWN - DHO	REVISED -			10	08-00378-00-CH	KANE	49	4
	PLOT DATE = 12/29/2014	CHECKED - RK	REVISED -			CONTRACT NO. 63891				
				SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT				



- EXISTING TYPICAL SECTION LEGEND**
- (A) HOT-MIX ASPHALT PAVEMENT
  - (B) AGGREGATE SHOULDER
  - (C) TURF AREA
  - (D) HOT-MIX ASPHALT SURFACE REMOVAL, 1.5"
  - (E) PAVEMENT REMOVAL



- PROPOSED TYPICAL SECTION LEGEND**
- (1) 1.5" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
  - (2) 2.25" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
  - (3) HOT-MIX ASPHALT BASE COURSE, 8"
  - (4) HOT-MIX ASPHALT BASE COURSE, 9"
  - (5) AGGREGATE SUBGRADE IMPROVEMENT, 12"
  - (6) 3/4" MIN. LEVELING BINDER (MACHINE METHOD), N70
  - (7) AGGREGATE SHOULDERS, TYPE B 8"
  - (8) STRIP REFLECTIVE CRACK CONTROL TREATMENT
  - (9) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
  - (10) TOPSOIL FURNISH AND PLACE, 6"
  - (11) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12

REMOVAL ITEMS

- NOTES FOR TYPICAL SECTION**
- SEE BORING LOGS AND GEOTECHNICAL REPORT FOR EXISTING PAVEMENT THICKNESSES
  - THE BITUMINOUS MATERIALS (PRIME COAT) QUANTITIES HAVE BEEN DETERMINED USING A RATE OF 0.08 GAL/ SQ. YD. BETWEEN ADJACENT HMA LAYERS AND 0.25 GAL/ SQ. YD. BETWEEN THE SUBBASE AND BASE SOURCES.

**STRUCTURAL PAVEMENT DESIGN INFORMATION - MAIN STREET**

STRUCTURAL TRAFFIC: YEAR 2023  
 PV = 98.63% (WEST) SU = 0.81% (WEST) MU = 0.56% (WEST)  
 PV = 98.38% (EAST) SU = 1.28% (EAST) MU = 0.34% (EAST)

ROAD/STREET CLASSIFICATION: CLASS II  
 P = 97.99% S = 1.66% M = 0.35%

TRAFFIC FACTOR: ACTUAL TF = 4.25  
 MINIMUM TF = N/A

BINDER = PG 64-22 SURFACE = PG 64-22

SUBGRADE SUPPORT RATING:  
 IBR = 3.0

**STRUCTURAL PAVEMENT DESIGN INFORMATION - NELSON LAKE ROAD**

STRUCTURAL TRAFFIC: YEAR 2023  
 PV = 99.76% SU = 0.11% MU = 0.13%

ROAD/STREET CLASSIFICATION: CLASS II  
 P = 99.66% S = 0.19% M = 0.15%

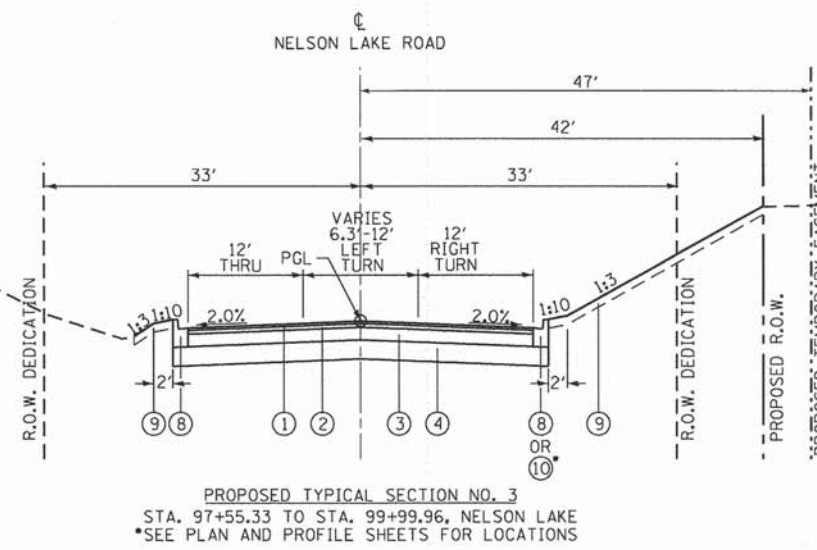
TRAFFIC FACTOR: ACTUAL TF = 2.29  
 MINIMUM TF = N/A

BINDER = PG 64-22 SURFACE = PG 64-22

SUBGRADE SUPPORT RATING:  
 IBR = 3.0

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS
<b>PAVEMENT RESURFACING/WIDENING/RECONSTRUCTION</b>	
<b>MAIN STREET</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70; 1.5"	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 2.25"	4% @ 70 Gyr.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm); 9"	4% @ 70 Gyr.
LEVELING BINDER (MACHINE METHOD), N70 (IL-9.5 mm); 3/4" MIN.	4% @ 70 Gyr.
<b>NELSON LAKE ROAD</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70; 1.5"	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 2.25"	4% @ 70 Gyr.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm); 8"	4% @ 70 Gyr.
<b>DRIVEWAYS</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; 2"	4% @ 50 Gyr.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm); 6"	4% @ 50 Gyr.
<b>PATCHING</b>	
CLASS D PATCHES (HMA BINDER IL-19 mm), TYPE II, 10"	4% @ 70 Gyr.
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	4% @ 70 Gyr.
<b>OTHER</b>	
INCIDENTAL HOT-MIX ASPHALT SURFACING	4% @ 50 Gyr.

- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES 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 "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR HMA FULL DEPTH "AC TYPE" SEE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.



	USER NAME = SJohnson	DESIGNED - DO	REVISED -
	PLOT SCALE = 20.00 FT / in.	DRAWN - DO	REVISED -
	PLOT DATE = 12/29/2014	CHECKED - RK	REVISED -
		DATE - 12-15-2014	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING & PROPOSED TYPICAL SECTIONS**

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

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	08-00378-00-CH	KANE	49	5
CONTRACT NO. 63891				

FILE NAME = P:\2012\08\01\_KDOT\_Main\_of\_Nelson\_Lake\_P2\_Design\C600\Sheets\08-KDOT-MAIN\11-11-14\11-11-14.dgn  
 Default

EARTHWORK SCHEDULE

Sta. No.	End Area (SY)		Sum of End Area (SY)		Distance (ft)	Section Volumes (CY)	
	Cut	Fill	Cut	Fill		Cut	Fill
<b>MAIN STREET</b>							
664+00	0.00	0.00					
			0.66	0.06	28.62	3.15	0.29
664+28.62	0.66	0.06					
			1.25	0.77	21.38	4.45	2.74
664+50	0.59	0.71					
			1.13	1.28	50.00	9.42	10.67
665+00	0.54	0.57					
			1.08	1.07	50.00	9.00	8.92
665+50	0.54	0.50					
			1.33	0.87	50.00	11.08	7.25
666+00	0.79	0.37					
			1.77	1.05	50.00	14.75	8.75
666+50	0.98	0.68					
			1.97	2.25	50.00	16.42	18.75
667+00	0.99	1.57					
			2.42	3.12	50.00	20.17	26.00
667+50	1.43	1.55					
			2.93	3.62	50.00	24.42	30.17
668+00	1.50	2.07					
			3.81	3.54	50.00	31.75	29.50
668+50	2.31	1.47					
			3.68	1.47	50.00	30.67	12.25
669+00	1.37	0.00					
			5.79	0.54	50.00	48.25	4.50
669+50	4.42	0.54					
			9.61	2.05	50.00	80.08	17.08
670+00	5.19	1.51					
			9.67	3.82	50.00	80.58	31.83
670+50	4.48	2.31					
			7.15	5.29	50.00	59.58	44.08
671+00	2.67	2.98					
			4.71	7.97	50.00	39.25	66.42
671+50	2.04	4.99					
			3.86	9.3	50.00	32.17	77.50
672+00	1.82	4.31					
			3.6	7.65	50.00	30.00	63.75
672+50	1.78	3.34					
			3.31	6.11	50.00	27.58	50.92
673+00	1.53	2.77					
			2.72	4.05	50.00	22.67	33.75
673+50	1.19	1.28					
			2.02	1.83	50.00	16.83	15.25
674+00	0.83	0.55					
			1.61	0.68	50.00	13.42	5.67
674+50	0.78	0.13					
			1.71	0.31	50.00	14.25	2.58
675+00	0.93	0.18					
			1.82	0.46	50.00	15.17	3.83
675+50	0.89	0.28					
			1.74	0.4	18.86	5.47	1.26
675+68.86	0.85	0.12					
			0.85	0.12	31.14	4.41	0.62
676+00	0.00	0.00					
<b>NELSON LAKE ROAD</b>							
96+00	0.00	0.00					
			3.21	0.22	50.88	27.22	1.87
96+50.88	3.21	0.22					
			9.93	0.31	49.12	81.29	2.54
97+00	6.72	0.09					
			21.73	0.09	50.00	181.08	0.75
97+50	15.01	0.00					
			41.39	0	50.00	344.92	0.00
98+00	26.38	0.00					
			46.87	0.04	50.00	390.58	0.33
98+50	20.49	0.04					
			33.04	0.04	50.00	275.33	0.33
99+00	12.55	0.00					
			24.04	0.02	50.00	200.33	0.17
99+50	11.49	0.02					
Total Section Volumes						2,166	580
Shrinkage Factor						--	1.15
Adjusted Volume						2,166	667
Rounded Per BDE Figure 64-1.A						2,165	665

ITEM 20200100 EARTH EXCAVATION	ITEM X2020410 EARTH EXCAVATION (SPECIAL)
2,165 CY	750 CY

- NOTES:
1. ASSUMED EXISTING PAVEMENT THICKNESS OF 12" ALONG MAIN STREET AND NELSON LAKE ROAD.
  2. ASSUMED 6" OF THE EXISTING GROUND OUTSIDE THE PAVEMENT SHALL BE REMOVED AND DISPOSED OF AS ITEM X2020410 (EARTH EXCAVATION, SPECIAL).
  3. SHRINKAGE FACTOR OF 15% UTILIZED IN EARTHWORK SCHEDULE.
  4. QUANTITIES FOR ITEM 20200100 (EARTH EXCAVATION) COMPUTED MANUALLY VIA AVERAGE END AREA METHOD.

FILE NAME = P:\02\_208\_001\_001\_KDOT Main at Nelson Lake P2\Design\CADD\Sheets\06-KDOT-MAINL-ah-rt-schedule.dgn  
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SES, LLC  
3041 WOODCREEK DR. SUITE 211  
DOWNERS GROVE, IL 60515

USER NAME = SJohnson	DESIGNED - DO	REVISED -
DRAWN - DO	CHECKED - RK	REVISED -
PLOT SCALE = 100.00 FT / 1 in.	DATE - 12-15-2014	REVISED -
PLOT DATE = 12/12/2014		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

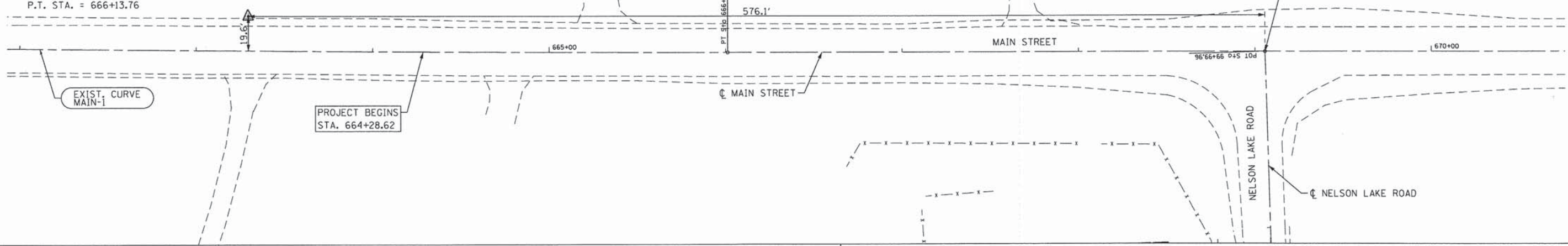
**SCHEDULE OF QUANTITIES**

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

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	08-00378-00-CH	KANE	49	6
CONTRACT NO. 63891				
ILLINOIS FED. AID PROJECT				

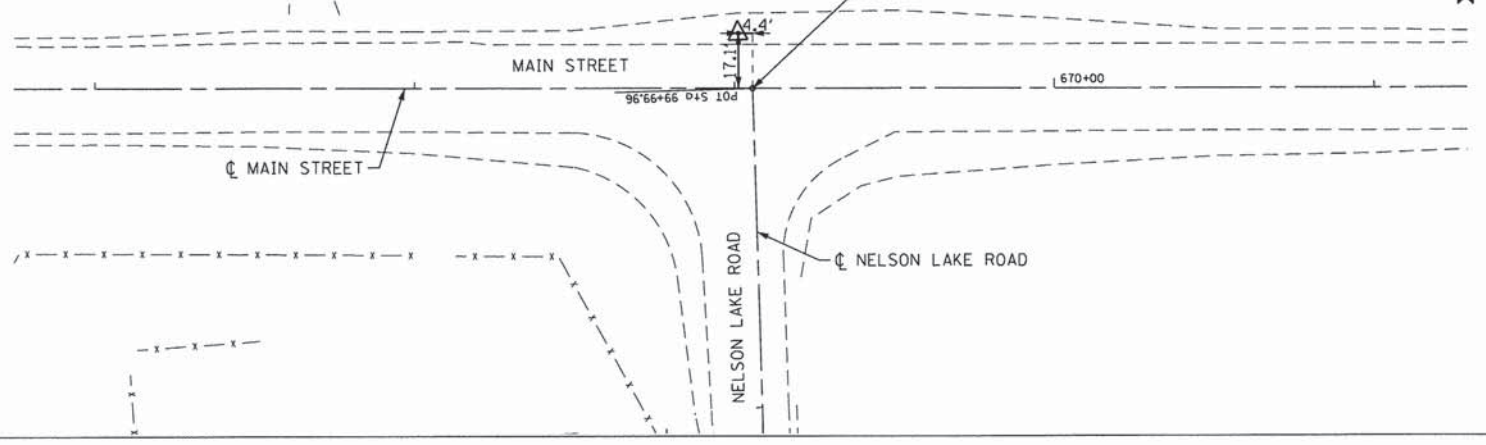
EXIST. CURVE MAIN-1  
 PI STA. = 660+31.80  
 $\Delta = 1^\circ 47' 30''$  (LT)  
 $D = 0^\circ 09' 14''$   
 $R = 37,221.85'$   
 $T = 582.05'$   
 $L = 1,164.00'$   
 $E = 4.55'$   
 P.C. STA. = 654+49.75  
 P.T. STA. = 666+13.76

CP 500  
 12" SPIKE  
 NORTHING: 1886327.83  
 EASTING: 973822.22  
 ELEVATION: 721.11



CP 501  
 12" SPIKE  
 NORTHING: 1886304.67  
 EASTING: 974393.44  
 ELEVATION: 725.10

INTERSECTION  
 STA. 669+05.70, MAIN STREET =  
 STA. 99+99.96, NELSON LAKE ROAD



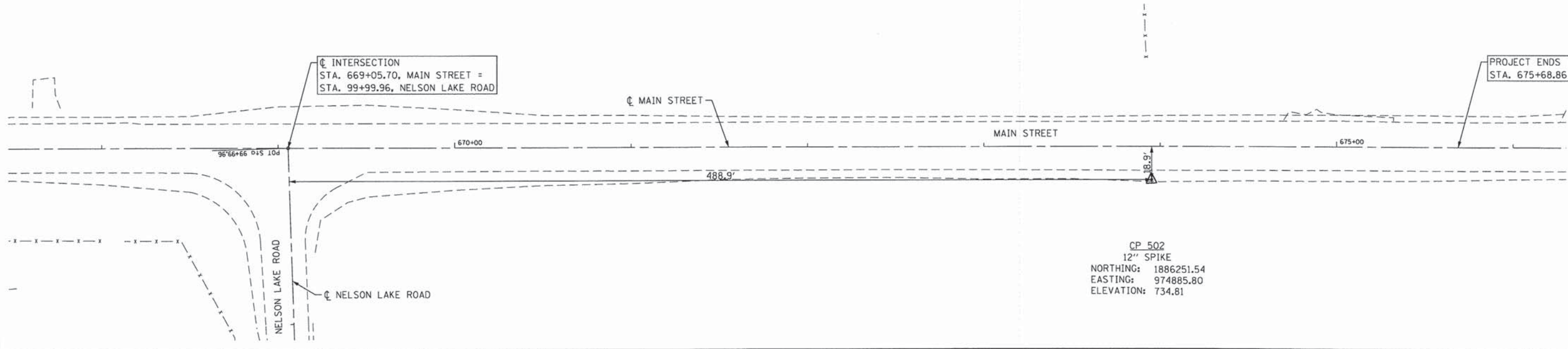
**BENCHMARK LOCATIONS**

KANE COUNTY #2-64A  
 (NGVD 29 DATUM)

CHISLED SQUARE ON CONCRETE BASE OF TELEPHONE CABLE BOX  
 ELEVATION = 724.33

INTERSECTION  
 STA. 669+05.70, MAIN STREET =  
 STA. 99+99.96, NELSON LAKE ROAD

PROJECT ENDS  
 STA. 675+68.86



CP 502  
 12" SPIKE  
 NORTHING: 1886251.54  
 EASTING: 974885.80  
 ELEVATION: 734.81

FILE NAME = P:\2012\208\_0801\_KDOT\_Main at Nelson Lake P2\Design\CADD\Sheets\87-KDOT-MAIN-1-sht-controlpoint.dgn

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**SES** SES, LLC  
 3041 WOODCREEK DR, SUITE 211  
 DORNERS GROVE, IL 60515

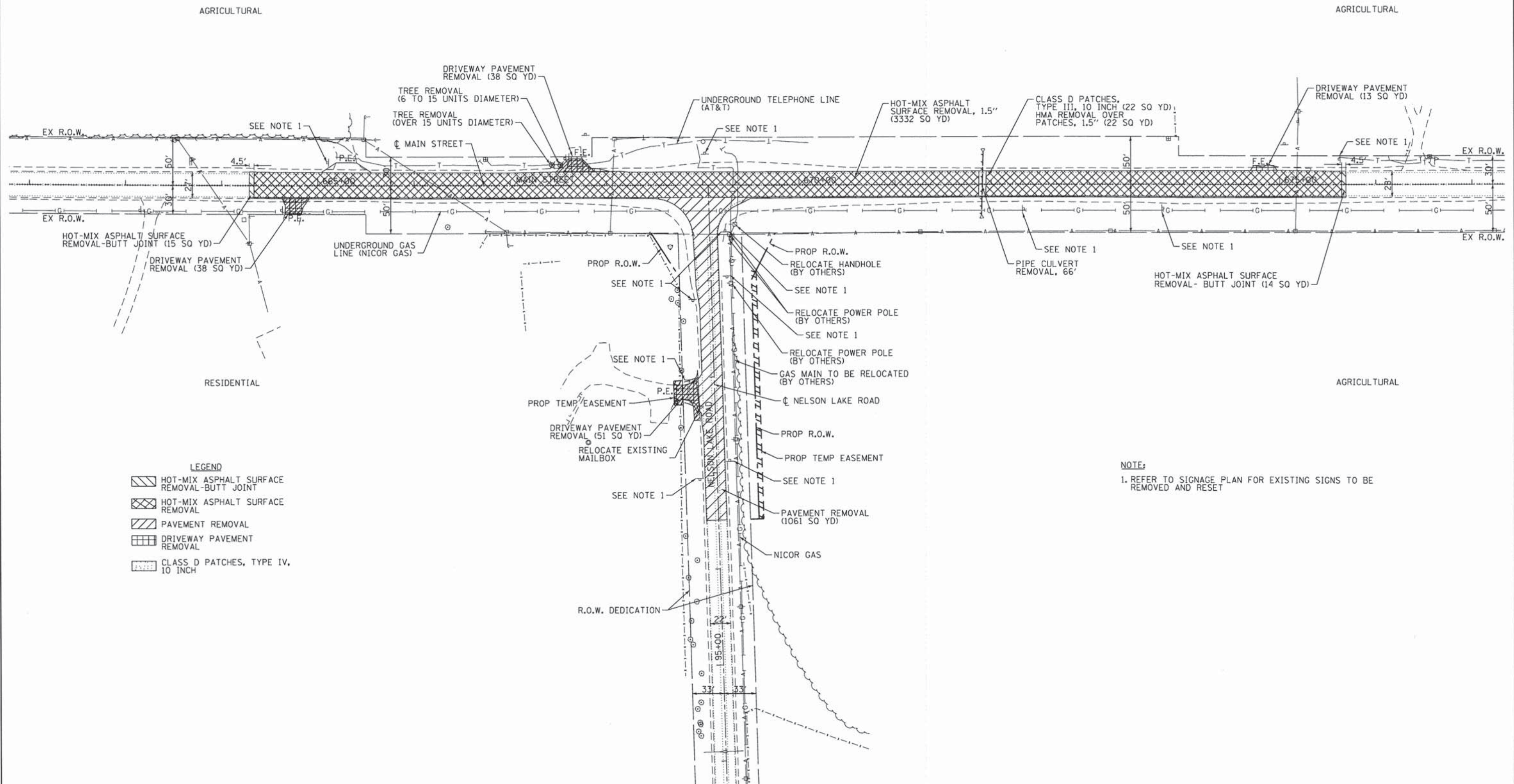
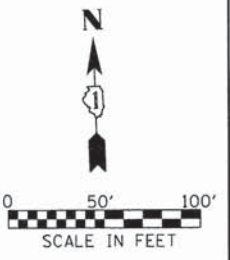
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PLOT SCALE = 60.00 FT / in.	DRAWN - DO	REVISED -
PLOT DATE = 12/12/2014	CHECKED - RK	REVISED -
	DATE - 12-15-2014	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENTS, TIES, & BENCHMARKS**

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

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	08-00378-00-CH	KANE	49	7
CONTRACT NO. 63891				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
  - HOT-MIX ASPHALT SURFACE REMOVAL
  - PAVEMENT REMOVAL
  - DRIVEWAY PAVEMENT REMOVAL
  - CLASS D PATCHES, TYPE IV, 10 INCH

**NOTE:**  
 1. REFER TO SIGNAGE PLAN FOR EXISTING SIGNS TO BE REMOVED AND RESET

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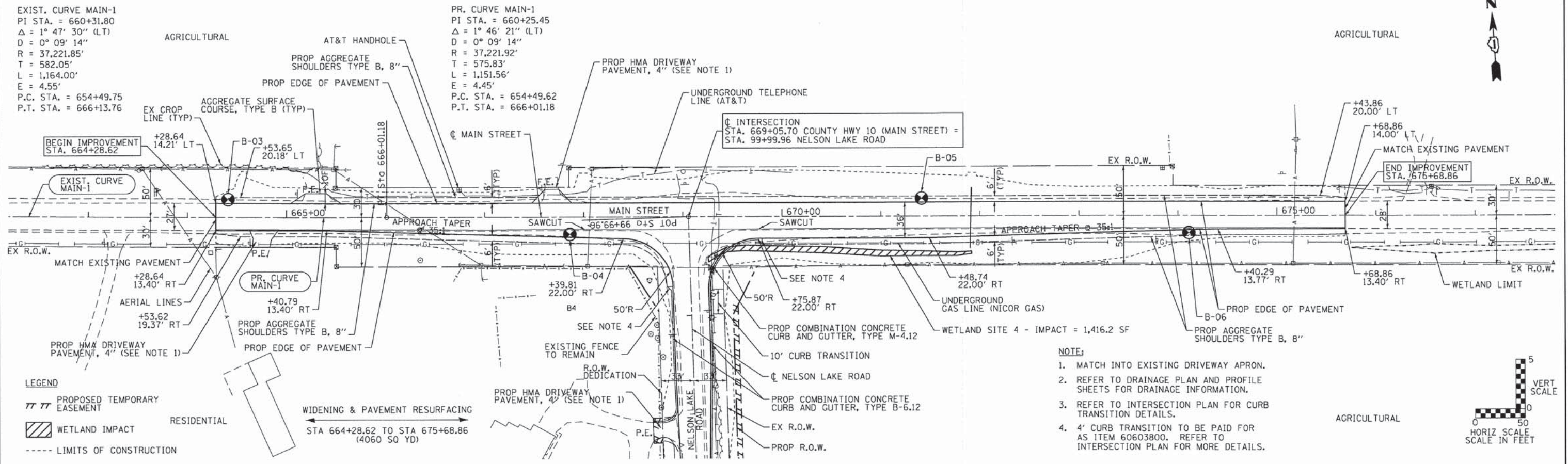
	USER NAME = SJohnson	DESIGNED - DO	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLAN</b>	CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.00' / 1" =	CHECKED - RK	REVISED -			10	08-00378-00-CH	KANE	49	8
	PLOT DATE = 12/12/2014	DATE - 12-15-2014	REVISED -			CONTRACT NO. 63891				
					SCALE: 1"=50'		SHEET 1 OF 1 SHEETS		STA. TO STA.	
ILLINOIS FED. AID PROJECT										



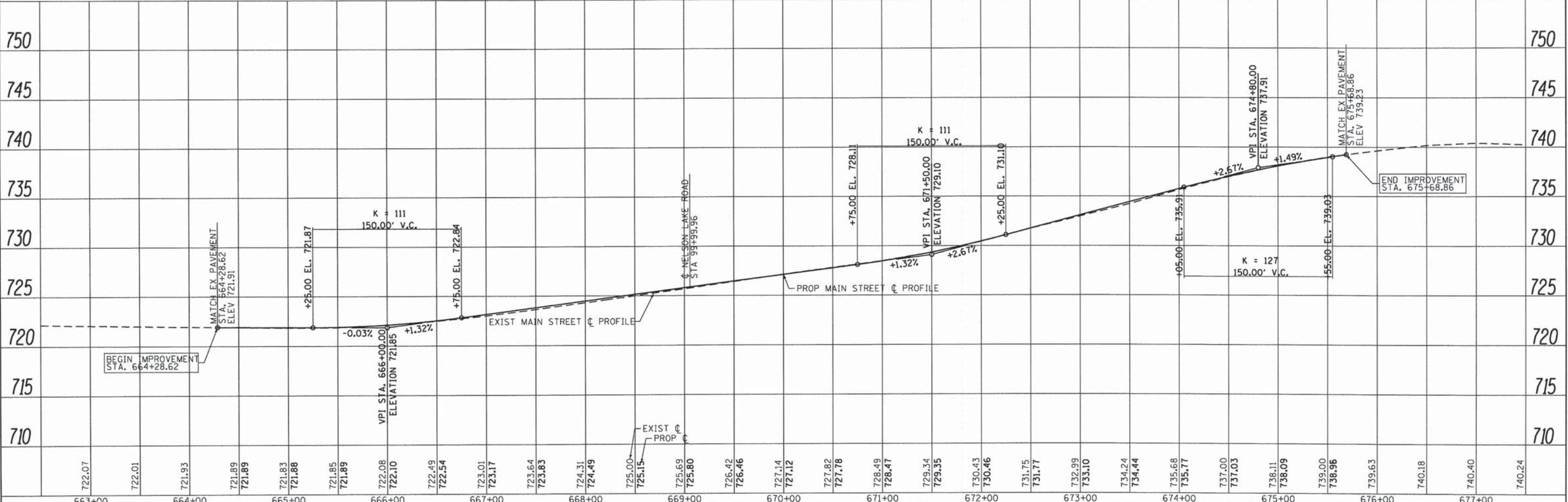
DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	NOTED
	NO. OF WAY CHECKED
	PAID FILE NAME

DATE	
BY	
PROFILE	SURVEYED
	GRADES CHECKED
	STRUCTURE NOTATIONS CHECKED

FILE NAME: P:\02-208-001-KDOT Main at Nelson Lake P2\Design\CADD\Sheet\VP-KDOT-MAIN.MXD  
 PLOT DATE: 12/12/2014



- NOTE:**
- MATCH INTO EXISTING DRIVEWAY APRON.
  - REFER TO DRAINAGE PLAN AND PROFILE SHEETS FOR DRAINAGE INFORMATION.
  - REFER TO INTERSECTION PLAN FOR CURB TRANSITION DETAILS.
  - 4' CURB TRANSITION TO BE PAID FOR AS ITEM 60603800. REFER TO INTERSECTION PLAN FOR MORE DETAILS.



663+00	664+00	665+00	666+00	667+00	668+00	669+00	670+00	671+00	672+00	673+00	674+00	675+00	676+00	677+00																																						
722.07	722.01	721.93	721.89	721.89	721.83	721.88	721.85	721.89	722.08	722.10	722.49	722.54	723.01	723.17	723.64	723.83	724.31	724.49	725.00	725.15	725.69	725.80	726.42	726.46	727.14	727.12	727.82	727.78	728.49	728.47	729.34	729.35	730.43	730.46	731.75	731.77	732.99	733.10	734.24	734.44	735.68	735.77	737.00	737.03	738.11	738.09	739.00	738.96	739.63	740.18	740.40	740.24

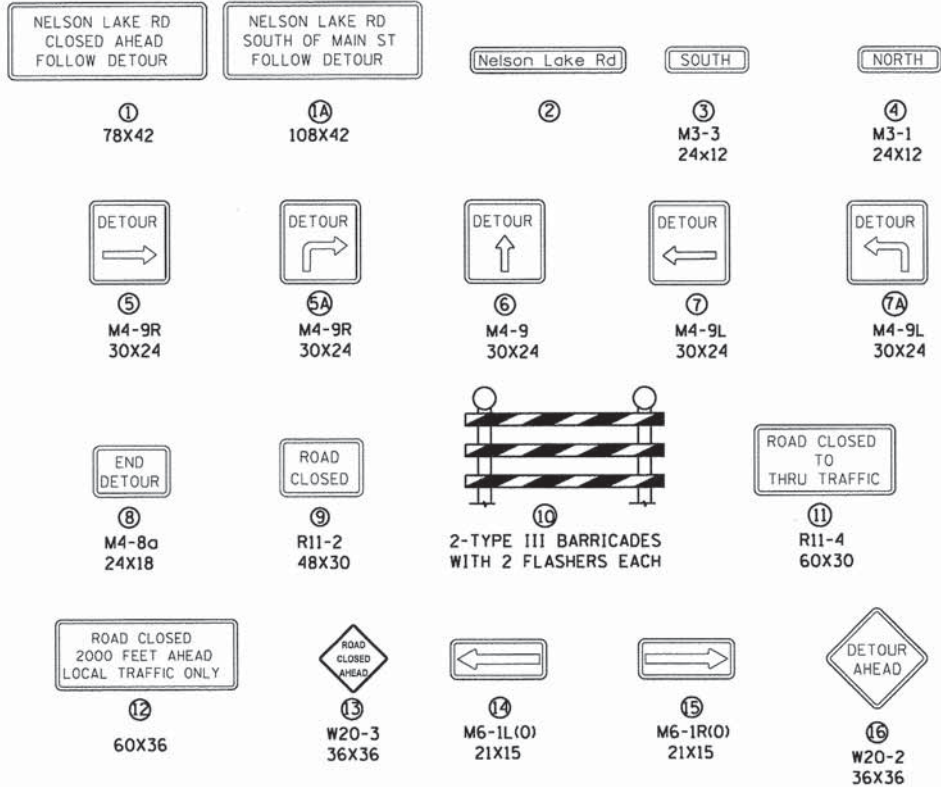
USER NAME = SJohnson	DESIGNED - DO	REVISED -
DRAWN - DO	CHECKED - RK	REVISED -
DATE - 12-15-2014		REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 10 (MAIN STREET)  
PLAN & PROFILE  
SCALE: H: 1"=50'  
V: 1"=5'  
SHEET 1 OF 1 SHEETS STA. 664+28.62 TO STA. 675+68.86

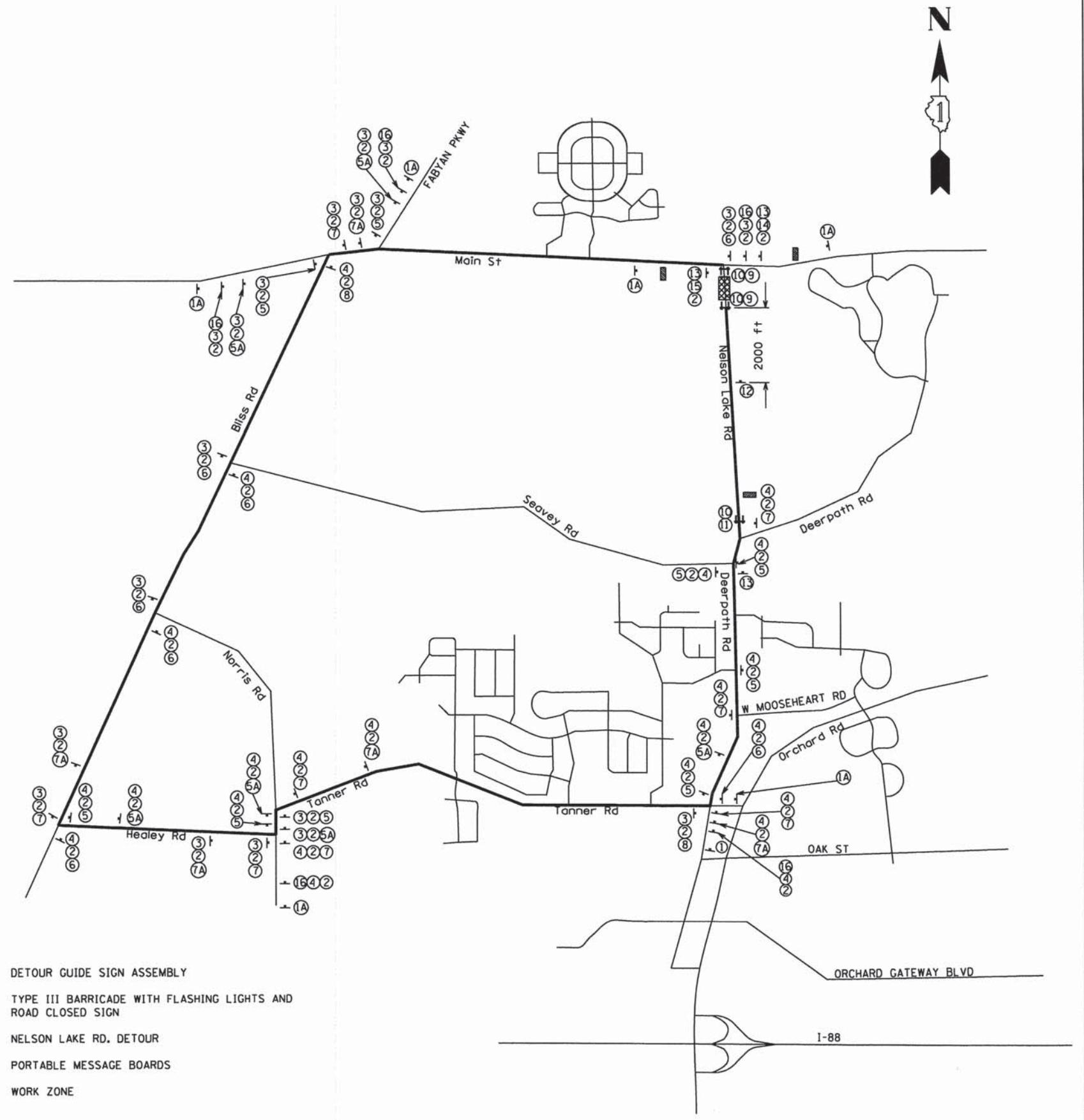
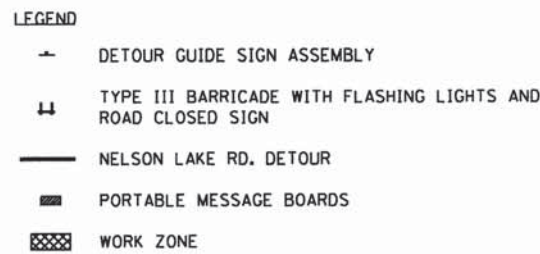
CH 10	SECTION 08-00378-00-CH	COUNTY KANE	TOTAL SHEETS 49	SHEET NO. 09
CONTRACT NO. 63891				
ILLINOIS FED. AID PROJECT				





**DETOUR NOTES:**

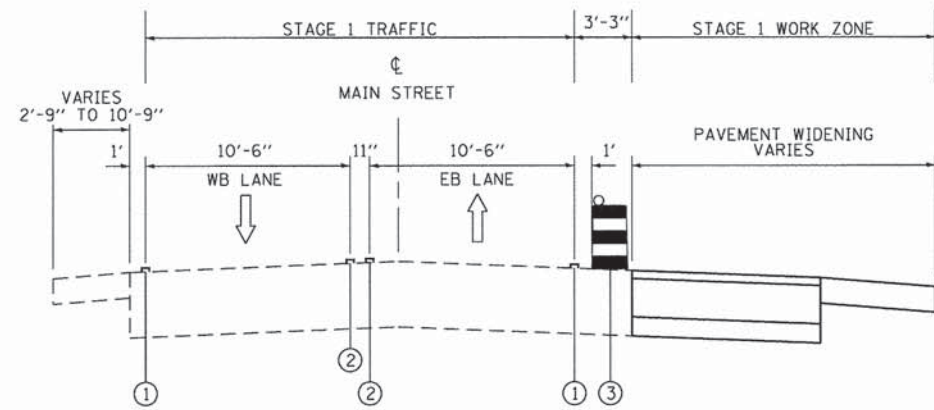
1. KDOT TRAFFIC TEL. NO 630-584-1170 MUST BE NOTIFIED 72 HOURS PRIOR TO CLOSING NELSON LAKE RD. AND IMMEDIATELY AFTER THE ROADS HAVE BEEN REOPENED.
2. THE CONTRACTOR MUST FURNISH, INSTALL, MAINTAIN AND REMOVE ALL TEMPORARY SIGN SUPPORTS. AFTER REMOVING THE SUPPORTS, THE CONTRACTOR MUST FILL HOLES (IF ANY) AND RESTORE THE GROUND TO ITS ORIGINAL CONDITION AND ELEVATION. THE COST OF PLACING GRAVEL, SOD OR SEED MUST BE INCLUDED IN THE UNIT BID PRICE FOR "TRAFFIC CONTROL & PROTECTION, (SPECIAL).
3. ALL SIGNS, SUPPORTS AND POSITIONING MUST BE IN ACCORDANCE WITH THE 2009 EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION AND THE ILLINOIS SUPPLEMENT.
4. SIGNING SHALL BE PLACED AT LOCATIONS THAT WILL BE COMPATIBLE WITH EXISTING SIGNING.
5. ALL EXISTING SIGNS OR OTHER DETOUR SIGNS THAT CONFLICT WITH THE DETOUR MUST BE COVERED.
6. CHANGEABLE MESSAGE SIGNS WILL BE USED TO ALERT MOTORISTS OF CLOSURES A MINIMUM OF TWO WEEKS PRIOR TO IMPLEMENTATION, IN FILED AND APPROVED BY THE ENGINEER AND COORDINATED WITH KDOT TRAFFIC MANAGER.



NOT TO SCALE

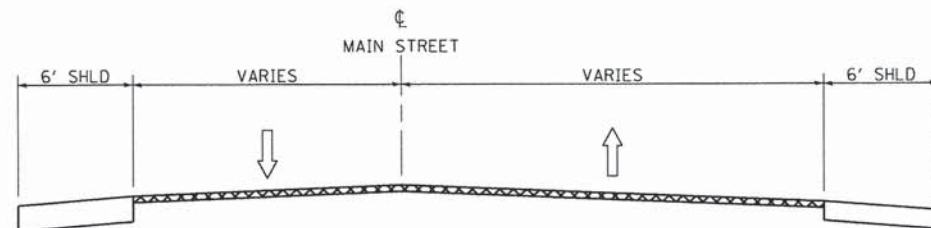
SEB, LLC 3041 WOODCREEK DR, SUITE 211 DOWNERS GROVE, IL 60515	USER NAME = SJohnson	DESIGNED - DO	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>DETOUR ROUTE LAYOUT</b>		CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
	PLOT SCALE = 3000.0000' / 1" =	DRAWN - DO	REVISED -		SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.	10	08-00378-00-CH	KANE	49	11
	PLOT DATE = 12/12/2014	CHECKED - RK	REVISED -		DATE	ILLINOIS FED. AID PROJECT		CONTRACT NO. 63891							

### STAGE 1



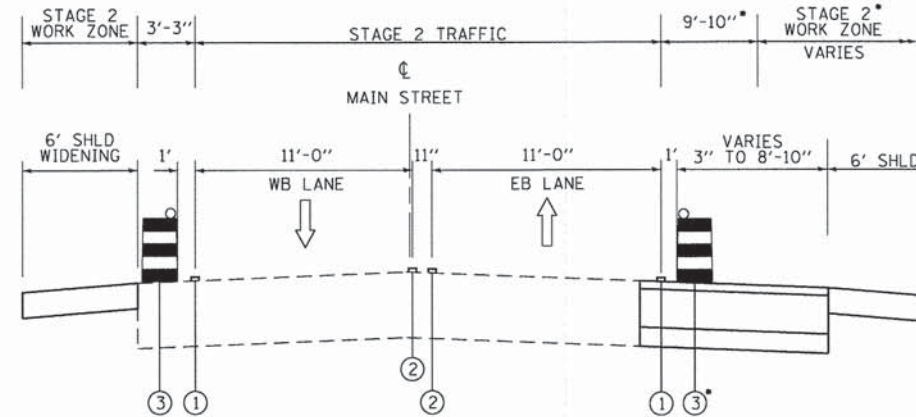
DURING STAGE 1, THE WESTBOUND AND EASTBOUND TRAFFIC LANE WIDTH SHALL BE REDUCED TO 10.5 FEET WHERE NECESSARY. THE CONTRACTOR WILL BE ABLE TO EXCAVATE AND PLACE SUBBASE, BASE, AND BINDER COURSES FOR THE PAVEMENT WIDENING AND GRADE THE PARKWAYS AS REQUIRED. THIS WORK STAGE SHALL COINCIDE WITH STAGE 1 OF THE NELSON LAKE MOT STAGE. AFTER WIDENING HAS BEEN COMPLETED THE CONTRACTOR SHALL CLOSE THE EB AND WB LANES AS APPROVED BY THE ENGINEER TO GRIND THE EXISTING PAVEMENT AND PATCH TO THE REQUIRED DEPTH AS NECESSARY. THE REQUIRED GRINDING WILL BE ACHIEVED BY HMA SURFACE REMOVAL. ADDITIONALLY, THE CONTRACTOR WILL BE ABLE TO REMOVE THE EXISTING AND INSTALL THE NEW PIPE CULVERT AT MAIN STREET. THIS WORK SHALL BE COMPLETED ON CONSECUTIVE DAYS AND PATCHED AS SOON AS POSSIBLE AFTER INSTALLATION OF THE NEW PIPE CULVERT. DURING DAY TIME OPERATIONS FLAGGERS SHALL BE USED TO CONTROL TRAFFIC IN LOCATIONS WHERE THE TRAFFIC WIDTH IS LESS THAN 20 FEET AT ANY TIME. THE CONTRACTOR SHALL ENSURE THAT TWO LANES SHALL BE PROVIDED AT ALL TIMES AT NIGHT.  
HIGHWAY STANDARDS: 701001-02, 701006-05, 701011-04, 701201-04, 701301-04, 701501-06, 701901-04

### STAGE 3



DURING STAGE 3, THE FINAL SURFACE COURSE WILL BE PLACED DURING DAYTIME FLAGGING OPERATIONS. DURING DAY TIME OPERATIONS FLAGGERS SHALL BE USED TO CONTROL TRAFFIC IN LOCATIONS WHERE THE TRAFFIC WIDTH IS LESS THAN 20 FEET AT ANY TIME. THE CONTRACTOR SHALL ENSURE THAT TWO LANES SHALL BE PROVIDED AT ALL TIMES AT NIGHT. THIS WORK SHALL COINCIDE WITH THE PLACEMENT OF THE SURFACE COURSE ON NELSON LAKE ROAD.  
HIGHWAY STANDARDS: 701201-04, 701301-04, 701901-04

### STAGE 2



\*INSTALLATION OF DRUMS ALONG EB MAIN STREET RIGHT SHOULDER BEGINS AT STA. 666+38.81, CONTINUES THROUGH START OF WORK ZONE AT STA. 668+53.84, AND CONCLUDES AT STA. 669+07.00.  
DURING STAGE 2, BOTH EASTBOUND AND WESTBOUND LANES SHALL REMAIN OPEN TO TRAFFIC, BUT WILL BE SHIFTED AS NECESSARY TO THE SOUTH ONTO THE NEWLY CONSTRUCTED WIDENING. THE CONTRACTOR WILL BE ABLE TO EXCAVATE TO REPLACE THE SHOULDERS AND GRADE THE PARKWAY AS REQUIRED. THIS WORK SHALL COINCIDE WITH STAGE 2 OF THE NELSON LAKE MOT STAGE.  
HIGHWAY STANDARDS: 701001-02, 701006-05, 701011-04, 701201-04, 701301-04, 701501-06, 701901-04

### GENERAL NOTES

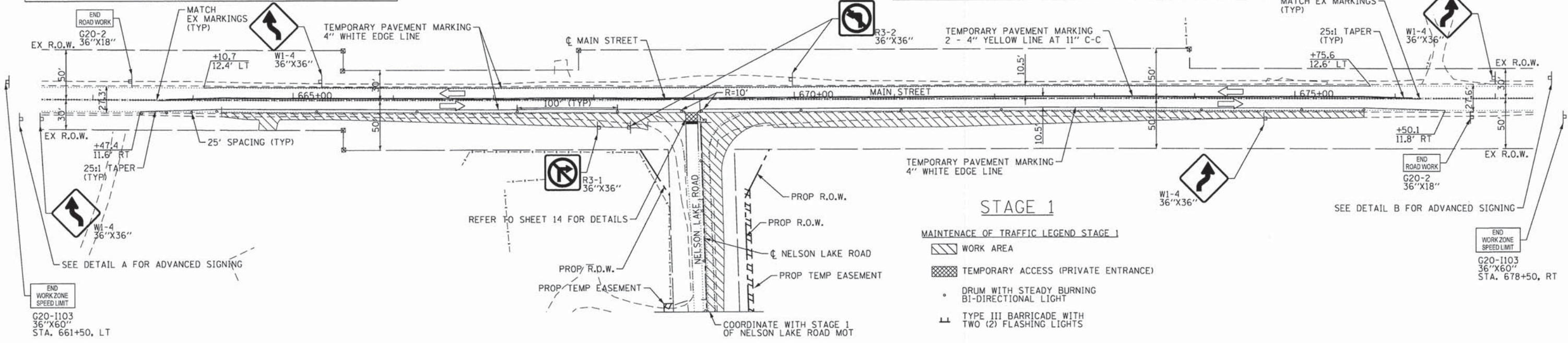
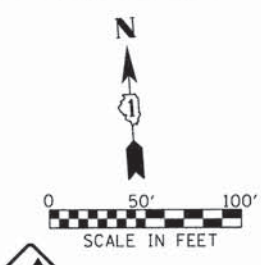
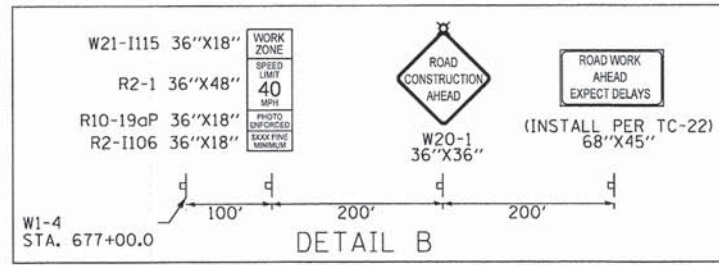
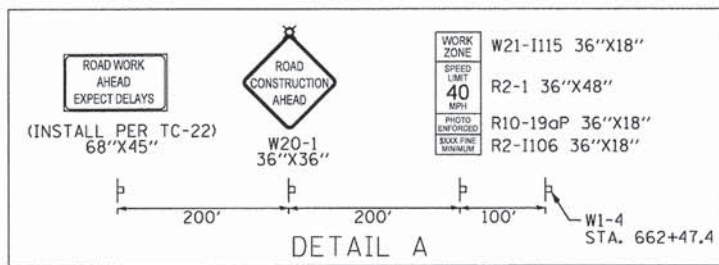
- ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES.
- THE MAXIMUM ALLOWABLE LANE DROP DIFFERENTIAL ALLOWED WILL BE 2".
- DRIVEWAY ACCESS MUST BE MAINTAINED DURING CONSTRUCTION TEMPORARY PAVEMENT QUANTITY IS INCLUDED TO RE-ESTABLISH CROSS TRAFFIC FOLLOWING THE GRINDING OPERATION. TEMPORARY RAMPS AND A SUITABLE DRIVING SURFACE SHALL BE PROVIDED FOR CROSS TRAFFIC IMMEDIATELY FOLLOWING GRINDING ACROSS A DRIVEWAY.
- THE CONTRACTOR WILL BE REQUIRED TO SUBMIT DETAILED WORK SCHEDULES FOR EACH LOCATION ALONG THE PROJECT CORRIDOR. THE SCHEDULES SHALL BE APPROVED BY KDOT AND THE ENGINEER PRIOR TO THE CONTRACTOR STARTING WORK IN ANY AREA.
- WEEKLY PROGRESS MEETINGS SHALL BE HELD BY THE CONTRACTOR TO UPDATE THE ENGINEER.
- THE CONTRACTOR SHALL PROVIDE THE RESIDENT AT THE SW QUADRANT OF MAIN STREET AND NELSON LAKE ROAD A MINIMUM OF TWO (2) WEEKS NOTICE PRIOR TO MAINTENANCE OF TRAFFIC SWITCHES OR TEMPORARY LANE CLOSURES. THE CONTRACTOR MUST PROVIDE THE RESIDENT ACCESS TO THEIR HOME AS WELL AS EMERGENCY SERVICES THROUGH ACCESS AT ALL TIMES.
- THE CONTRACTOR SHALL ADHERE TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION DROP-OFF POLICY AS SPECIFIED IN CHAPTER 55-2.04 AND FIGURES 55-2.A AND 55-2.B OF THE BUREAU OF DESIGN AND ENVIRONMENT MANUAL, SEPTEMBER 2010.

#### SUGGESTED STAGES OF CONSTRUCTION LEGEND

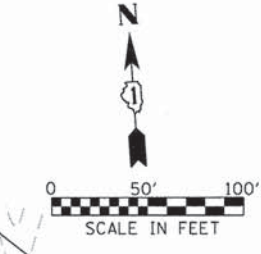
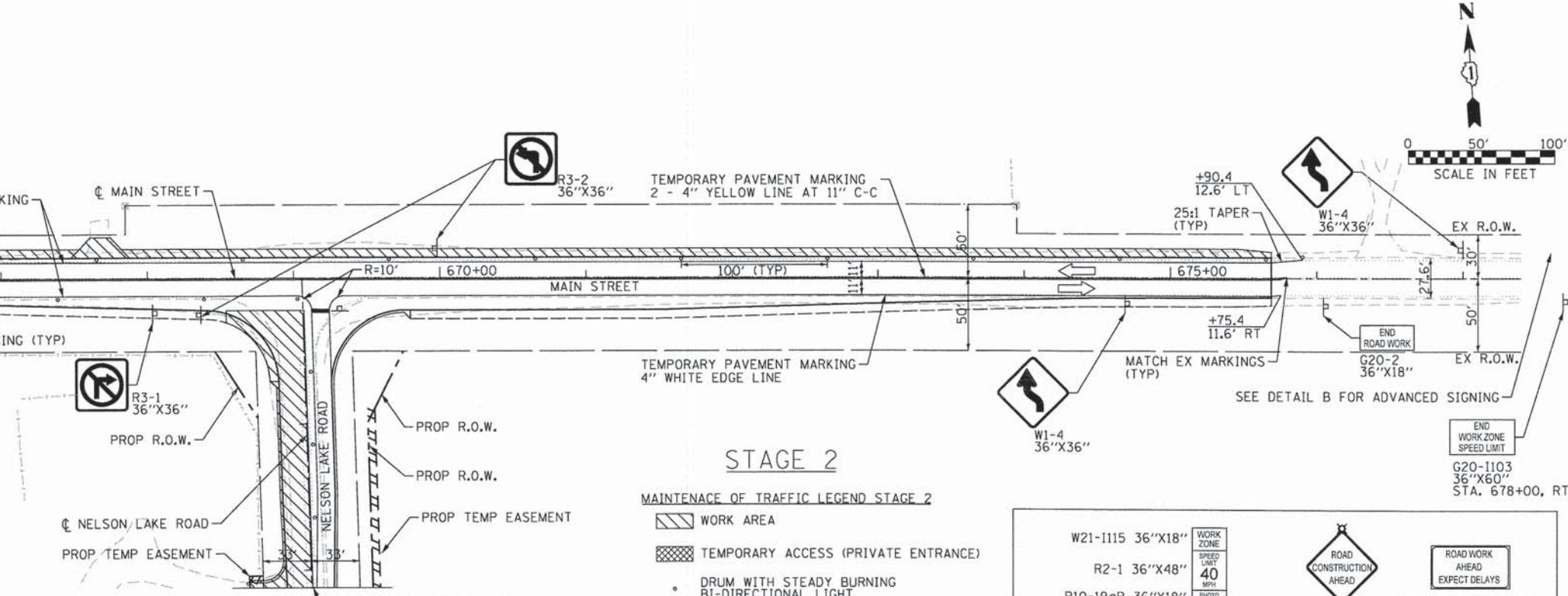
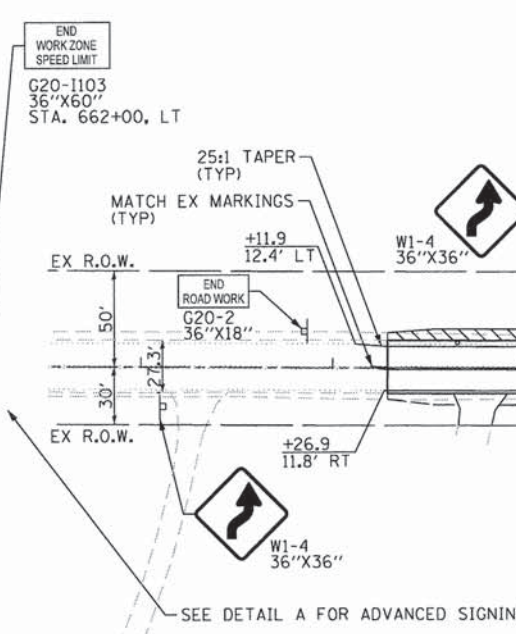
- ① TEMPORARY PAVEMENT MARKING - 4" WHITE EDGE LINE
- ② TEMPORARY PAVEMENT MARKING - 4" YELLOW LINE
- ③ DRUM WITH STEADY BURNING BI-DIRECTIONAL LIGHT

USER NAME = SJohnson	DESIGNED -	REVISED -
DRAWN - DO	REVISOR -	REVISION -
CHECKED - RK	DATE - 12-15-2014	REVISION -
PLLOT SCALE = 100.00 FT / 1in.		
PLLOT DATE = 12/12/2014		

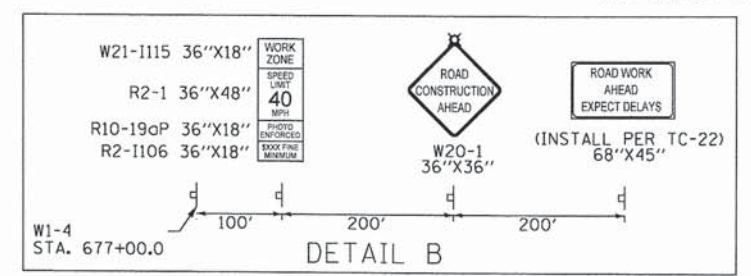
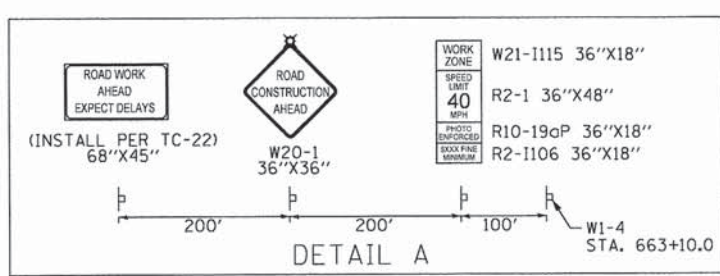
CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	08-00378-00-CH	KANE	49	12
CONTRACT NO. 63891				
ILLINOIS FED. AID PROJECT				



- STAGE 1**
- MAINTENANCE OF TRAFFIC LEGEND STAGE 1**
- WORK AREA
  - TEMPORARY ACCESS (PRIVATE ENTRANCE)
  - DRUM WITH STEADY BURNING BI-DIRECTIONAL LIGHT
  - TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS

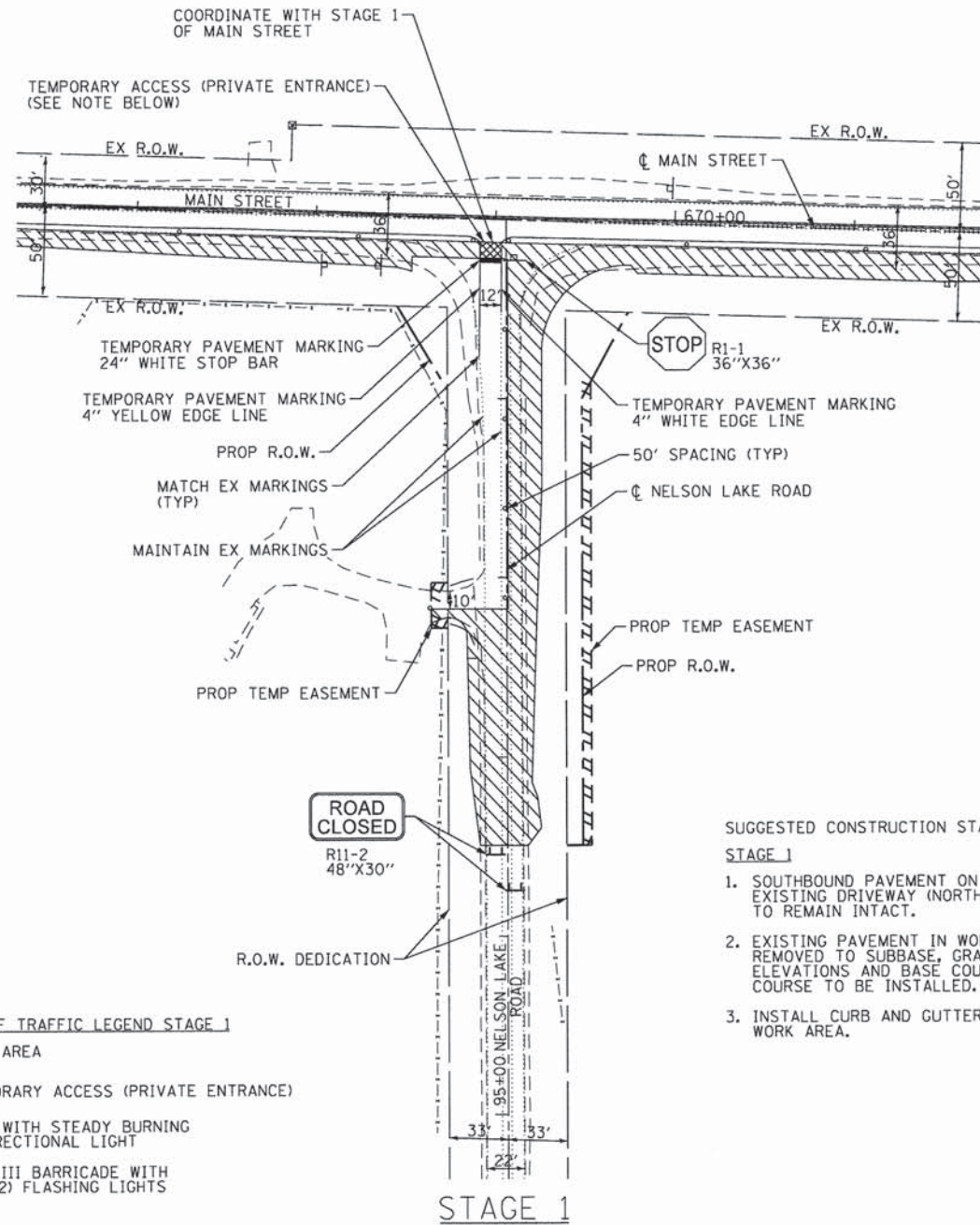
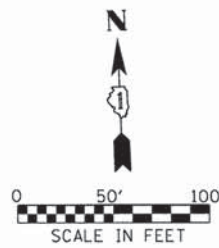


- STAGE 2**
- MAINTENANCE OF TRAFFIC LEGEND STAGE 2**
- WORK AREA
  - TEMPORARY ACCESS (PRIVATE ENTRANCE)
  - DRUM WITH STEADY BURNING BI-DIRECTIONAL LIGHT
  - TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS



	USER NAME = S.Johnson	DESIGNED - MG	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>COUNTY HIGHWAY 10 (MAIN STREET)</b> <b>MAINTENANCE OF TRAFFIC</b>		CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.00 FT / in.	DRAWN - DO	REVISED -				10	08-00378-00-CH	KANE	49	13
	PLOT DATE = 12/12/2014	CHECKED - RK	REVISED -				CONTRACT NO. 63891				
DATE - 12-15-2014			REVISED -	SCALE: 1"=50'		SHEET 1 OF 2 SHEETS		STA.	TO STA.		ILLINOIS FED. AID PROJECT

FILE NAME = P:\Design\CADD\Sheets\13-KDOT-MaintenanceofTraffic.dgn  
 P:\02-288-001-KDOT Main at Nelson Lake P2\CADD\Sheets\13-KDOT-MaintenanceofTraffic.dgn  
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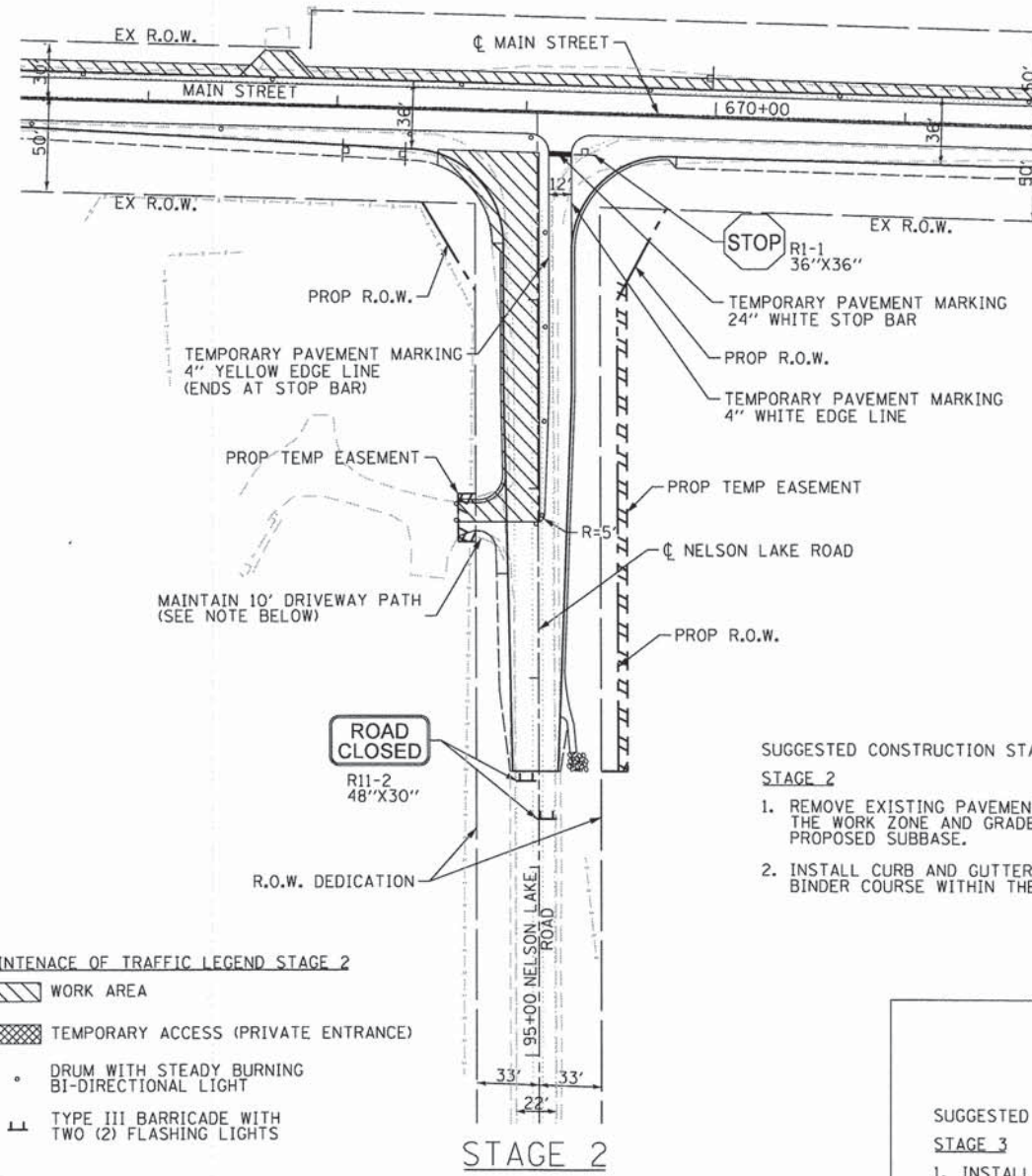
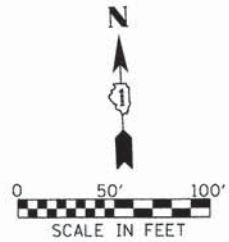


- SUGGESTED CONSTRUCTION STAGING**  
**STAGE 1**
1. SOUTHBOUND PAVEMENT ON NORTH SIDE OF EXISTING DRIVEWAY (NORTH OF STA. 97+82) TO REMAIN INTACT.
  2. EXISTING PAVEMENT IN WORK AREA TO BE REMOVED TO SUBBASE, GRADED PER FINAL ELEVATIONS AND BASE COURSE AND BINDER COURSE TO BE INSTALLED.
  3. INSTALL CURB AND GUTTER WITHIN THE WORK AREA.

- MAINTENANCE OF TRAFFIC LEGEND STAGE 1**
- WORK AREA
  - TEMPORARY ACCESS (PRIVATE ENTRANCE)
  - DRUM WITH STEADY BURNING BI-DIRECTIONAL LIGHT
  - TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS

**NOTE:**

1. CONTRACTOR SHALL INSTALL AND MAINTAIN 12' WIDE TEMPORARY ACCESS (PRIVATE ENTRANCE) FOR THE DURATION OF STAGE 1 MOT. CONTRACTOR TO COORDINATE WITH KDOT AND ADJACENT RESIDENT DURING REMOVAL OR MODIFICATION OF RAMP AS NEEDED TO COMPLETE PAVING OR ANY OTHER ACTIVITIES THAT MAY LIMIT VEHICULAR ACCESS BETWEEN NELSON LAKE ROAD AND MAIN STREET.



- SUGGESTED CONSTRUCTION STAGING**  
**STAGE 2**
1. REMOVE EXISTING PAVEMENT WITHIN THE WORK ZONE AND GRADE TO PROPOSED SUBBASE.
  2. INSTALL CURB AND GUTTER, BASE COURSE, AND BINDER COURSE WITHIN THE WORK ZONE.

- MAINTENANCE OF TRAFFIC LEGEND STAGE 2**
- WORK AREA
  - TEMPORARY ACCESS (PRIVATE ENTRANCE)
  - DRUM WITH STEADY BURNING BI-DIRECTIONAL LIGHT
  - TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS

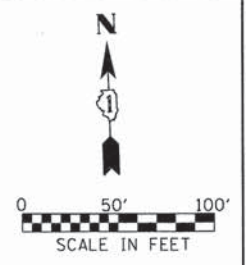
**NOTE:**

1. CONTRACTOR SHALL ADD ADDITIONAL STONE ON SOUTH SIDE OF DRIVEWAY AT STA. 97+82 TO MAINTAIN 10' WIDE PATH FOR THE DURATION OF STAGE 2 MOT. ADDITIONAL STONE SHALL BE CA-6 OR EQUIVALENT COMPACTED TO A MINIMUM DRY DENSITY OF 90 PERCENT OF THE STANDARD LABORATORY DENSITY. CONTRACTOR TO COORDINATE WITH KDOT AND ADJACENT RESIDENT DURING REMOVAL OR MODIFICATION OF PATH AS NEEDED TO COMPLETE PAVING OR ANY OTHER ACTIVITIES THAT MAY LIMIT VEHICULAR ACCESS THROUGH DRIVEWAY. THIS WORK WILL NOT BE MEASURED FOR PAYMENT SEPERATELY BUT SHALL BE INCLUDED IN THE COST OF THE VARIOUS MAINTENANCE OF TRAFFIC PAY ITEMS.

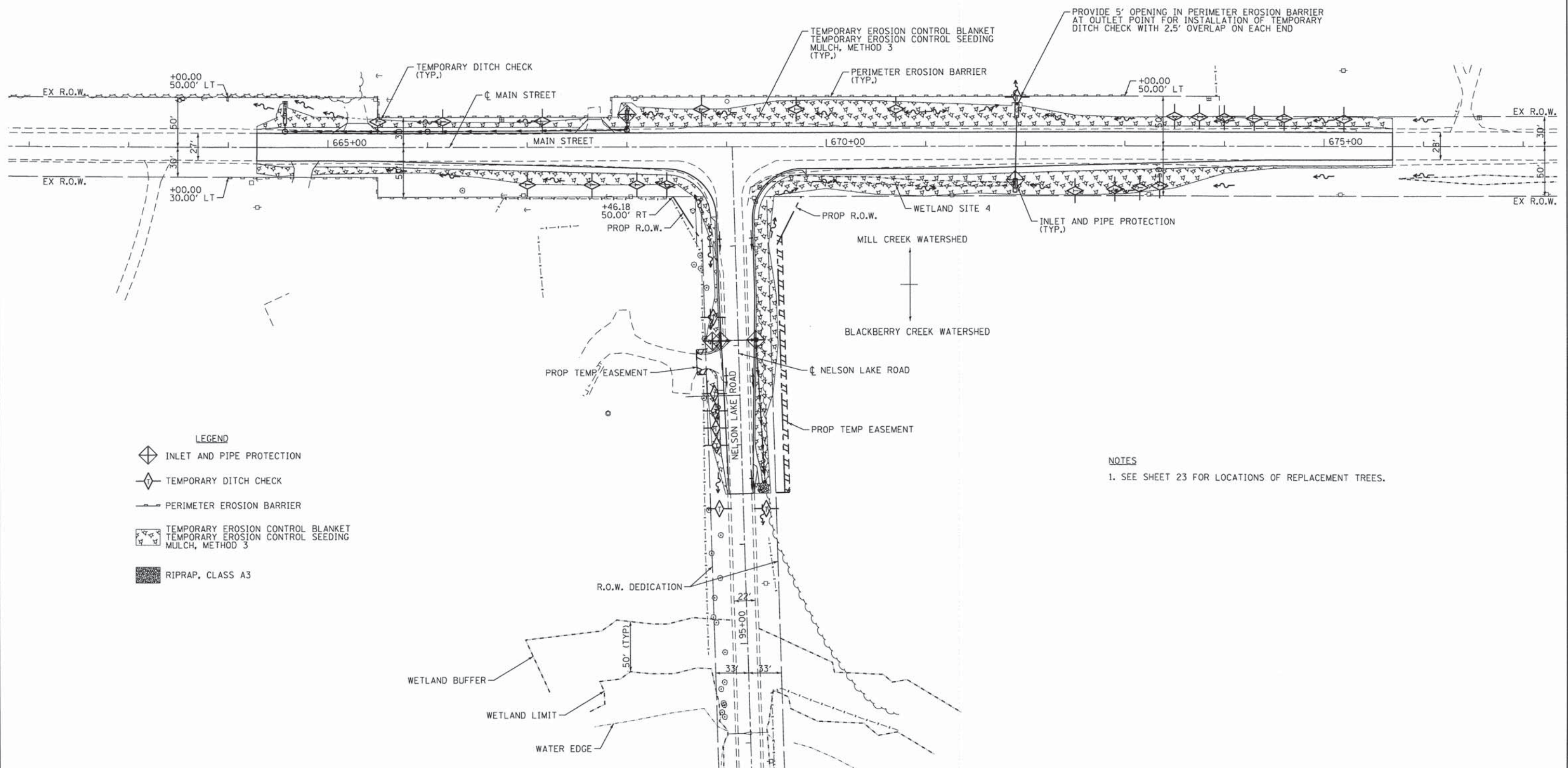
- STAGE 3**
- SUGGESTED CONSTRUCTION STAGING**  
**STAGE 3**
1. INSTALL SURFACE COURSE UNDER DAYTIME OPERATIONS.
  2. MAINTAIN ACCESS AT ALL TIMES FOR DRIVEWAY.

	USER NAME = SJohnson	DESIGNED - MG	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>NELSON LAKE ROAD</b> <b>MAINTENANCE OF TRAFFIC</b>	CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.00 FT / 1in.	DRAWN - DO	REVISED -			10	08-00378-00-CH	KANE	49	14
	PLOT DATE = 12/12/2014	CHECKED - RK	REVISED -			CONTRACT NO. 63891				
	DATE - 12-15-2014	REVISED -		SCALE: 1"=50'	SHEET 2 OF 2 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

FILE NAME = P:\2012\2012\_08\_08\_001\_KDOT\_Main et Nelson Lake P2\Design\CADD\Sheets\14-KDOT-MAIN\14-Nelson-maintenanceoftraffic.dgn  
 Default



BLACKBERRY CREEK WATERSHED ← → MILL CREEK WATERSHED



- LEGEND**
- INLET AND PIPE PROTECTION
  - TEMPORARY DITCH CHECK
  - PERIMETER EROSION BARRIER
  - TEMPORARY EROSION CONTROL BLANKET  
TEMPORARY EROSION CONTROL SEEDING  
MULCH, METHOD 3
  - RIPRAP, CLASS A3

**NOTES**  
1. SEE SHEET 23 FOR LOCATIONS OF REPLACEMENT TREES.

FILE NAME: P:\02\_208\_081\_KDOT\_Main at Nelson Lake P2\Design\CADD\Sheets\15-KDOT-MAIN-eh-erosion control.dgn

<b>SE3</b>	SE3, LLC 3041 WOODCREEK DR, SUITE 211 DOWNERS GROVE, IL 60515	USER NAME = SJohnson	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TEMPORARY EROSION CONTROL PLAN</b>			CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		PLOT SCALE = 100.00' / 1" =	CHECKED -	REVISED -		SCALE: 1" = 50'	SHEET 1	OF 1 SHEETS	STA.	TO STA.	10	08-00378-00-CH	KANE
	PLOT DATE = 12/12/2014	DATE -	REVISED -		CONTRACT NO. 63891								
ILLINOIS FED. AID PROJECT													

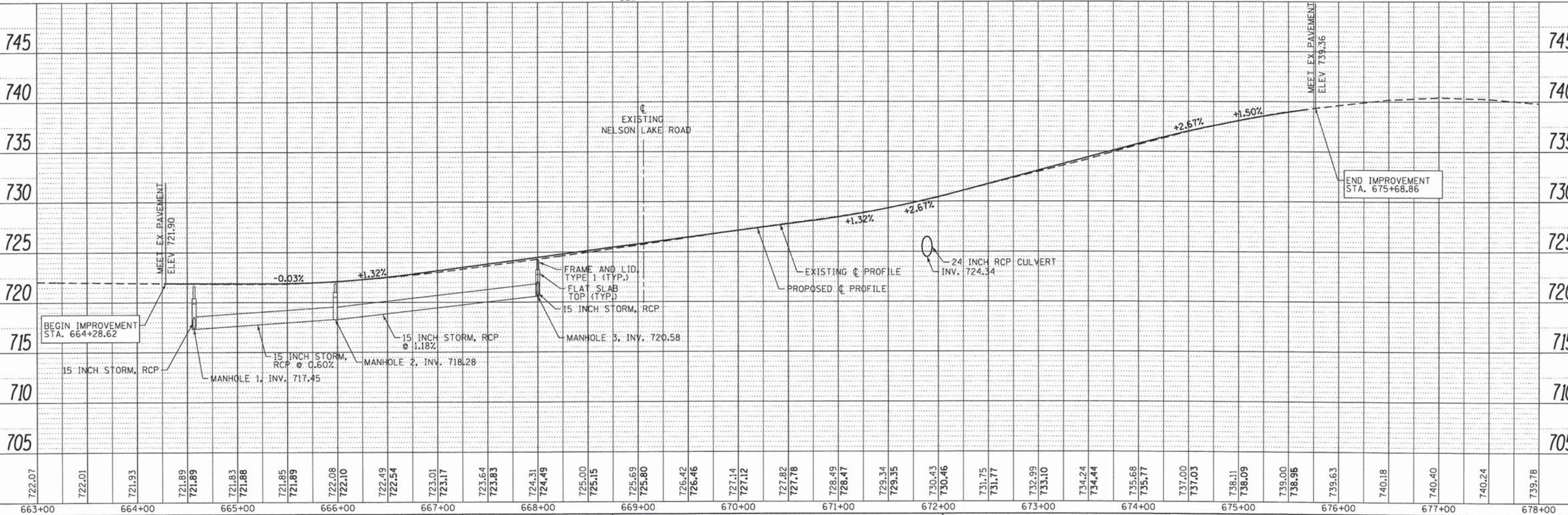
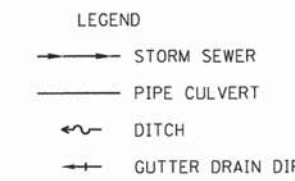
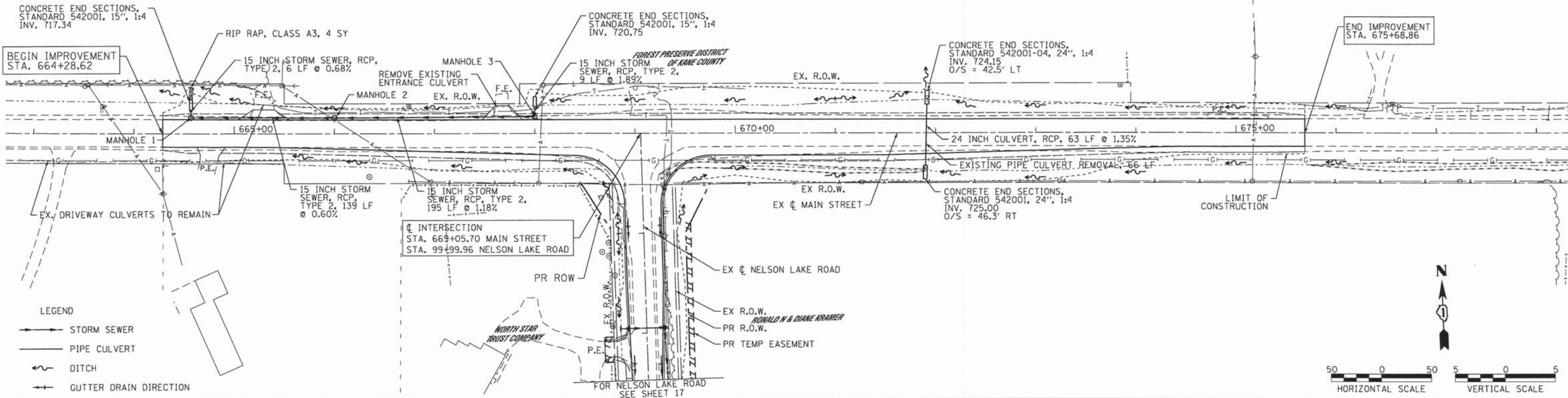
DATE	
BY	
PLAN	
SURVEYED	
ALIGNED	
CHECKED	
PT. OF WAY	
NO. OF	
ROAD	
FILE	
NO.	

DATE	
BY	
PROFILE	
GRADES	
CHECKED	
NO. OF	
STRUCTURE	
NOTATIONS	
CHD	

FILE NAME = P:\2022\08\01\_KDOT Main at Nelson Lake P2\Design\CADD\Sheets\16\_KDOT-MAIN  
 USER NAME = SJohnson  
 DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE - 12/12/2014

**STRUCTURE TABLE**

MANHOLE 1: 4 FOOT DIA., TYPE A FRAME AND GRATE TYPE "1", CLOSED LID STA. 664+57, 16.00' LT RIM: 721.54 INV: 717.45 (E) INV: 717.45 (N)	MANHOLE 2: 4 FOOT DIA., TYPE A FRAME AND GRATE TYPE "1", CLOSED LID STA. 666+00, 16.00' LT RIM: 721.70 INV: 718.28 (E) INV: 718.28 (W)	MANHOLE 3: 4 FOOT DIA., TYPE A FRAME AND GRATE TYPE "1", CLOSED LID STA. 668+00, 16.00' LT RIM: 724.13 INV: 720.58 (N) INV: 720.58 (W)
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663+00	664+00	665+00	666+00	667+00	668+00	669+00	670+00	671+00	672+00	673+00	674+00	675+00	676+00	677+00	678+00																																						
722.07	722.01	721.93	721.89	721.89	721.83	721.88	721.85	721.89	722.08	722.10	722.49	722.54	723.01	723.17	723.64	723.83	724.31	724.49	725.00	725.15	725.69	725.80	726.42	726.46	727.14	727.12	727.82	727.78	728.49	728.47	729.34	729.35	730.43	730.46	731.75	731.77	732.99	733.10	734.24	734.44	735.68	735.77	737.00	737.03	738.11	738.09	739.00	738.96	739.63	740.18	740.40	740.24	739.78

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**MAIN STREET - DRAINAGE PLAN & PROFILE**



USER NAME = SJohnson	DESIGNED -	REVISED -
PLOT SCALE = 100.00 FT / in.	DRAWN -	REVISED -
PLOT DATE = 12/12/2014	CHECKED -	REVISED -
	DATE -	REVISED -

SCALE: 1"=50' SHEET 1 OF 2 SHEETS STA. 664+28.62 TO STA. 675+68.86

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	08-00378-00-CH	KANE	49	16
			CONTRACT NO. 63891	
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	NO. OF WAY CHECKED	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
	NOTED	
	NO. OF WAY CHECKED	
	STRUCTURE NOTATION CHK'D	
	NO.	

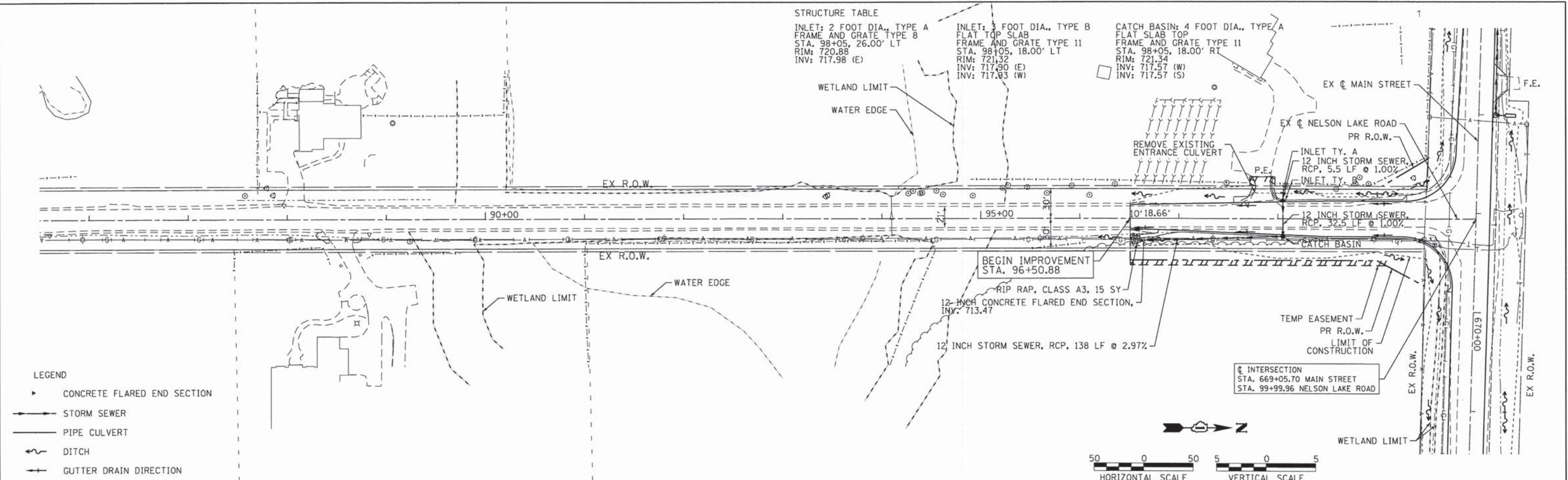
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**STRUCTURE TABLE**

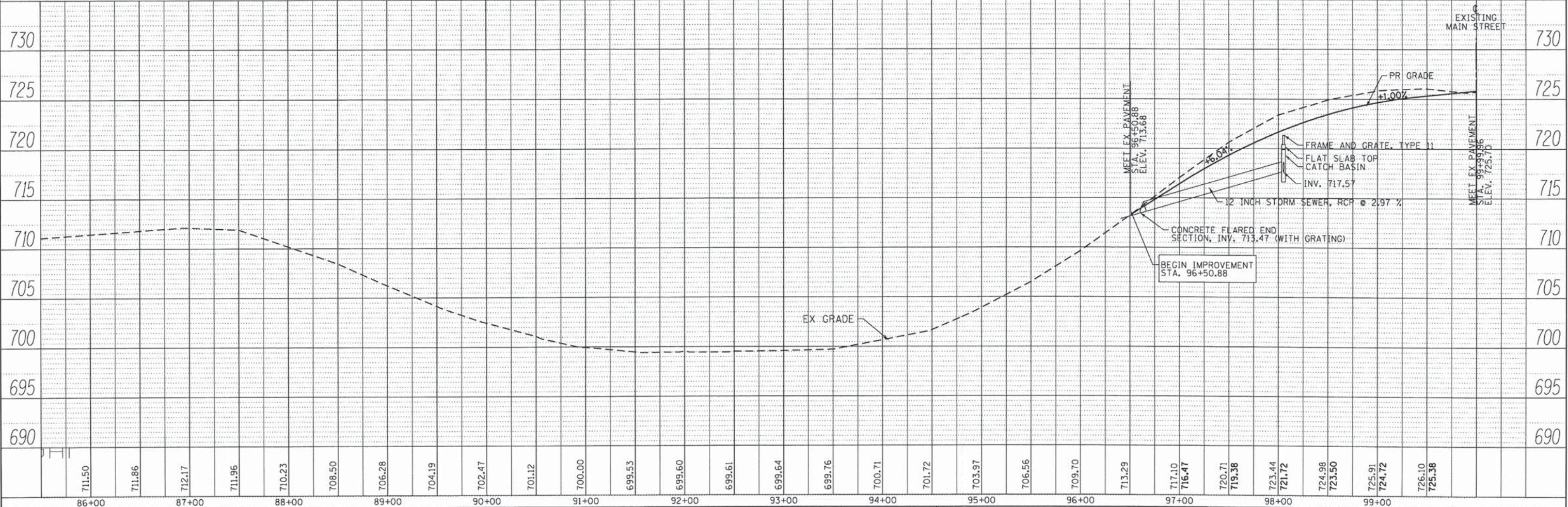
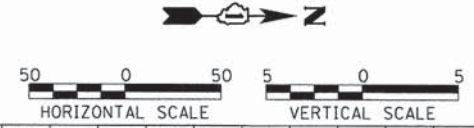
INLET: 2 FOOT DIA., TYPE A  
 FLAT TOP SLAB  
 FRAME AND GRATE TYPE 8  
 STA. 98+05, 26.00' LT  
 RIM: 720.88  
 INV: 717.98 (E)

INLET: 3 FOOT DIA., TYPE B  
 FLAT TOP SLAB  
 FRAME AND GRATE TYPE 11  
 STA. 98+05, 18.00' LT  
 RIM: 721.32  
 INV: 717.90 (E)  
 INV: 717.93 (W)

CATCH BASIN: 4 FOOT DIA., TYPE A  
 FLAT SLAB TOP  
 FRAME AND GRATE TYPE 11  
 STA. 98+05, 18.00' RT  
 RIM: 721.34  
 INV: 717.57 (W)  
 INV: 717.57 (S)



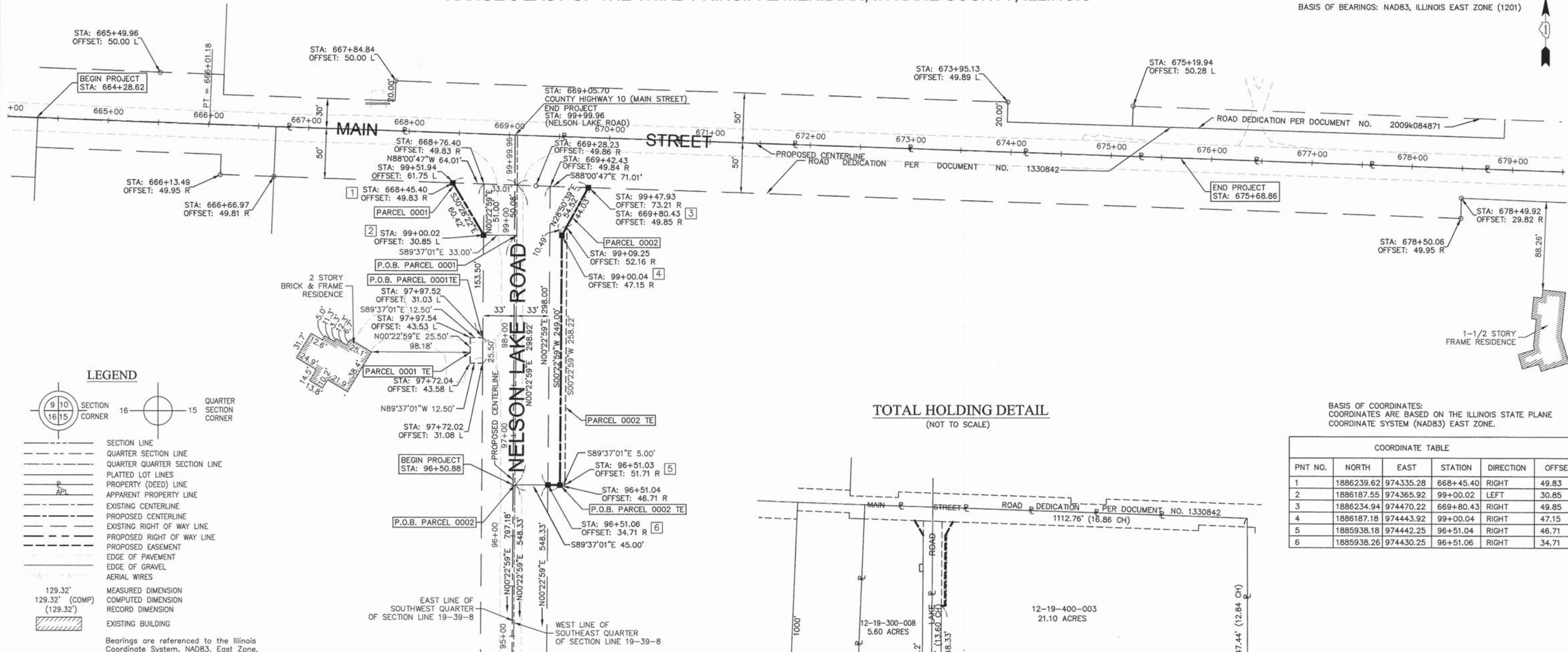
- LEGEND**
- ▶ CONCRETE FLARED END SECTION
  - STORM SEWER
  - PIPE CULVERT
  - DITCH
  - GUTTER DRAIN DIRECTION



SE3, LLC 3041 WOODCREEK DR, SUITE 211 DOWNERS GROVE, IL 60515	USER NAME = SJohnson	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>NELSON LAKE ROAD - DRAINAGE PLAN &amp; PROFILE</b> SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. 96+50.88 TO STA. 99+99.96	CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.00 FT / 1"	DRAWN -	REVISED -			10	08-00378-00-CH	KANE	49	17
PLOT DATE = 12/12/2014	CHECKED -	REVISED -		CONTRACT NO. 63891 ILLINOIS FED. AID PROJECT						
DATE -	REVISED -									

PART OF THE SOUTHEAST AND SOUTHWEST QUARTER OF SECTION 19, TOWNSHIP 39 NORTH,  
RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN KANE COUNTY, ILLINOIS

BASIS OF BEARINGS: NAD83, ILLINOIS EAST ZONE (1201)



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- EDGE OF PAVEMENT
- EDGE OF GRAVEL
- AERIAL WIRES
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DIMENSION
- EXISTING BUILDING

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

CERTIFICATION

STATE OF ILLINOIS )  
COUNTY OF KANE )

THIS IS TO CERTIFY THAT I, DAVID P. FILIPSKI, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 19, TOWNSHIP 39 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, ILLINOIS, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF FROM FIELD WORK PERFORMED AUGUST 5TH, 2013 AND THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.



COMPASS LAND SURVEYING LTD.  
PROFESSIONAL DESIGN FIRM  
LAND SURVEYOR CORPORATION NO. 184-002778  
LICENSE EXPIRES 4/30/2015

IL PROFESSIONAL LAND SURVEYOR NO. 3352  
DATE: 12/12/14  
LICENSE EXPIRES 11/30/14

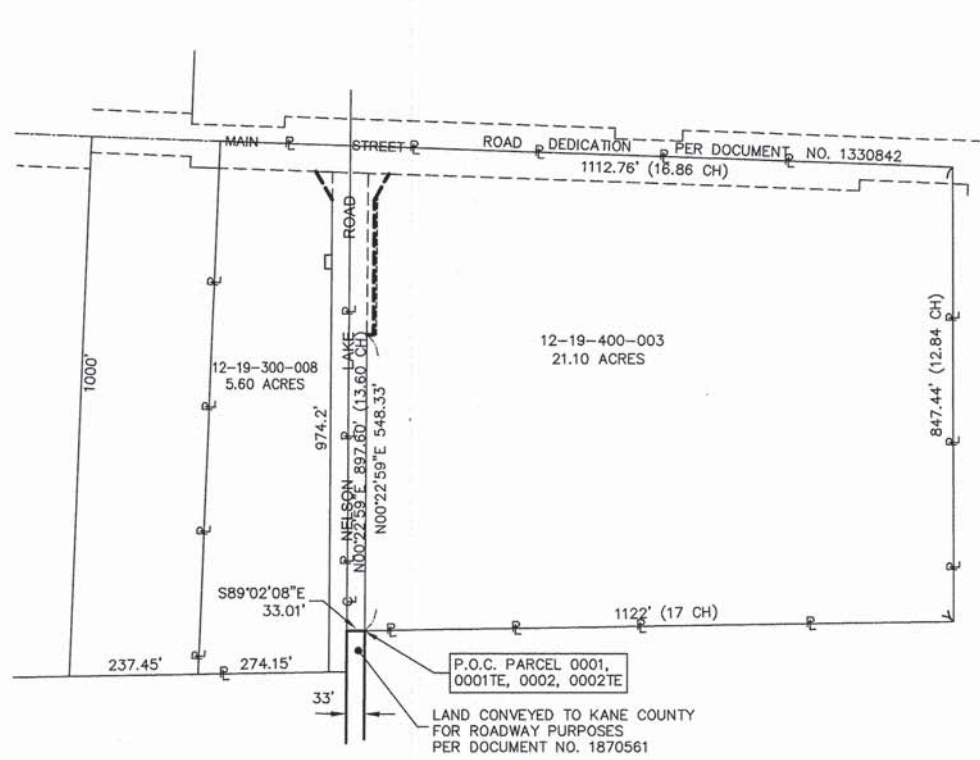
BASIS OF COORDINATES: COORDINATES ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM (NAD83) EAST ZONE.

COORDINATE TABLE					
PNT NO.	NORTH	EAST	STATION	DIRECTION	OFFSET
1	1886239.62	974335.28	668+45.40	RIGHT	49.83
2	1886187.55	974365.92	99+00.02	LEFT	30.85
3	1886234.94	974470.22	669+80.43	RIGHT	49.85
4	1886187.18	974443.92	99+00.04	RIGHT	47.15
5	1885938.18	974442.25	96+51.04	RIGHT	46.71
6	1885938.26	974430.25	96+51.06	RIGHT	34.71

BY	DATE

- UTILITY POLE
- IRON PIPE OR FOUND ROD
- CUT CROSS FOUND OR SET
- "MAG" NAIL SET
- 5 / 8" REBAR SET
- THESE STAKES REFERENCED FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- THESE STAKES, IN CULTIVATED AREAS, REFERENCED FOUND OR SET MONUMENTATION.
- THESE STAKES, IN CULTIVATED AREAS, REFERENCED FOUND OR SET MONUMENTATION.
- BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY, DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

TOTAL HOLDING DETAIL (NOT TO SCALE)



PARCEL NO.	OWNER	TOTAL HOLDING	AREA TAKEN	AREA IN EXISTING R.O.W.	REMAINDER	EASEMENTS		PURPOSE OF EASEMENT	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
						TEMP	PERM			
0001	CHICAGO TITLE LAND TRUST COMPANY TRUST NO. 7134 DATED JANUARY 7, 2000	5.60 AC.	0.056 AC.	0.038 AC.	5.544 AC.	0.007 AC. (319 SQ.FT.)		CONSTRUCTION	12-19-300-008	
0002	RONALD N. KRAMER AND DIANE KRAMER	21.10 AC.	0.323 AC.	0.226 AC.	20.777 AC.	0.029 AC.		CONSTRUCTION	12-19-400-003	



USER NAME	DESIGNED	REVISED
MRA	PER IDOT 1/23/14	PER KANE CO. 5/30/14
DF	PER KANE CO. 6/19/14	
DATE	11/25/13	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	08-00378-00-CH	KANE	49	18

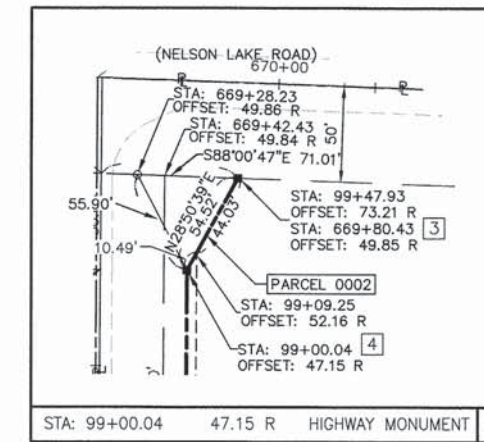
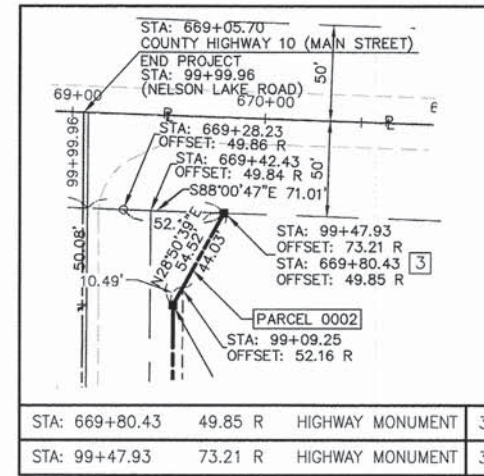
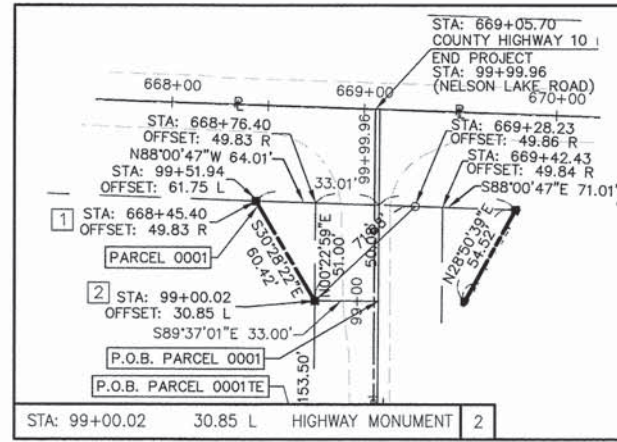
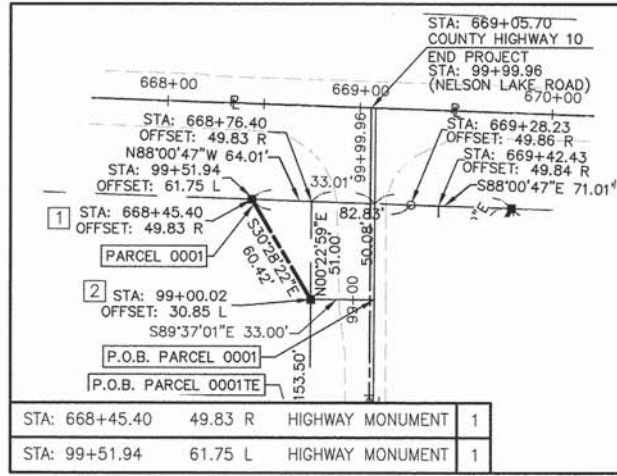
SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. 664+28.62 TO STA. 675+68.86

CONTRACT NO. 63891

R-55-001-97 ILLINOIS FED. AID PROJECT CMM-9003(11/1)

PART OF THE SOUTHEAST AND SOUTHWEST QUARTER OF SECTION 19, TOWNSHIP 39 NORTH,  
RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN KANE COUNTY, ILLINOIS

BASIS OF BEARINGS: NAD83, ILLINOIS EAST ZONE (1201)

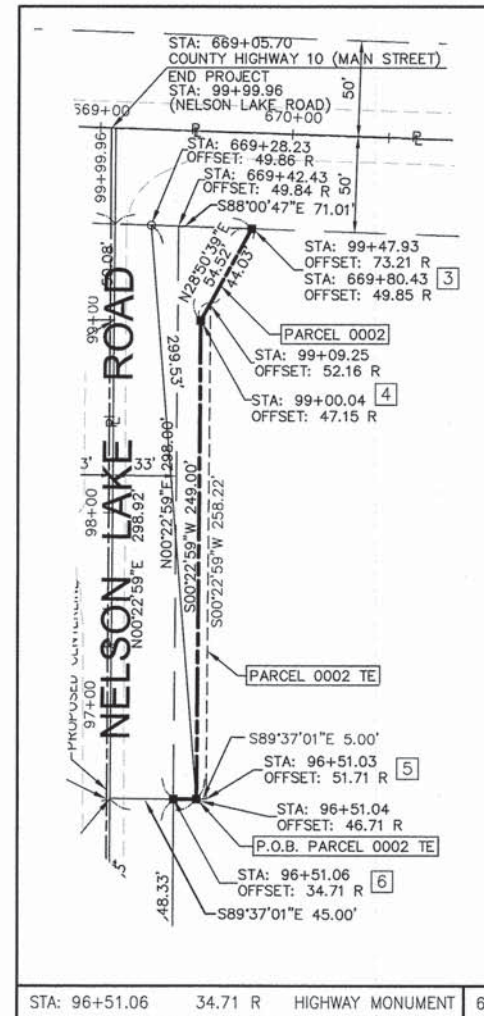
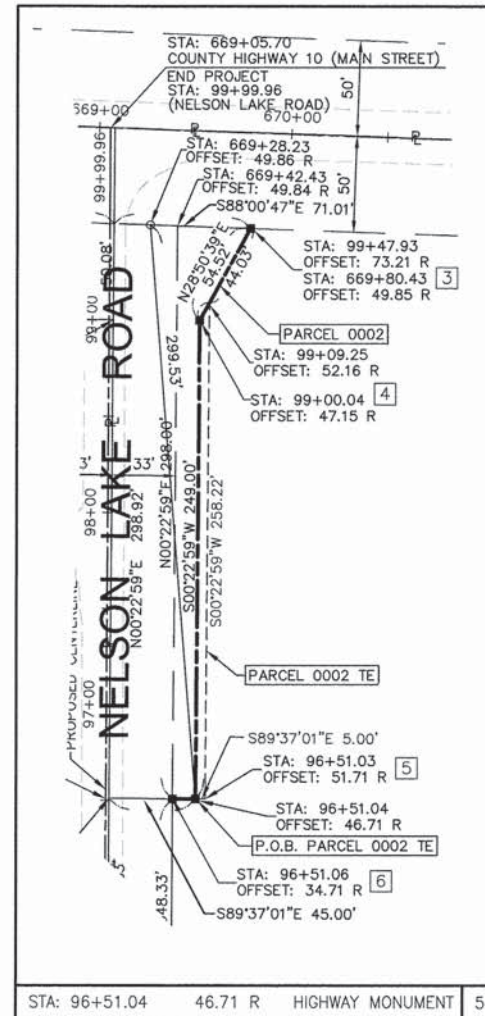


**LEGEND**

129.32' MEASURED DIMENSION  
129.32' (COMP) COMPUTED DIMENSION  
(129.32') RECORD DIMENSION

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- UTILITY POLE
- IRON PIPE OR FOUND ROD
- CUT CROSS FOUND OR SET
- "MAG" NAIL SET
- 5/8" REBAR SET
- T1 THESE STAKES REFERENCED FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2 THESE STAKES, IN CULTIVATED AREAS, REFERENCED FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY, DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET



PARCEL NO.	OWNER	TOTAL HOLDING	AREA TAKEN	AREA IN EXISTING R.O.W.	REMAINDER	EASEMENTS		PURPOSE OF EASEMENT	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
						TEMP	PERM			
0001	CHICAGO TITLE LAND TRUST COMPANY TRUST NO. 7134 DATED JANUARY 7, 2000	5.60 AC.	0.056 AC.	0.038 AC.	5.544 AC.	0.007 AC. (319 SQ.FT.)		CONSTRUCTION	12-19-300-008	
0002	RONALD N. KRAMER AND DIANE KRAMER	21.10 AC.	0.323 AC.	0.226 AC.	20.777 AC.	0.029 AC.		CONSTRUCTION	12-19-400-003	



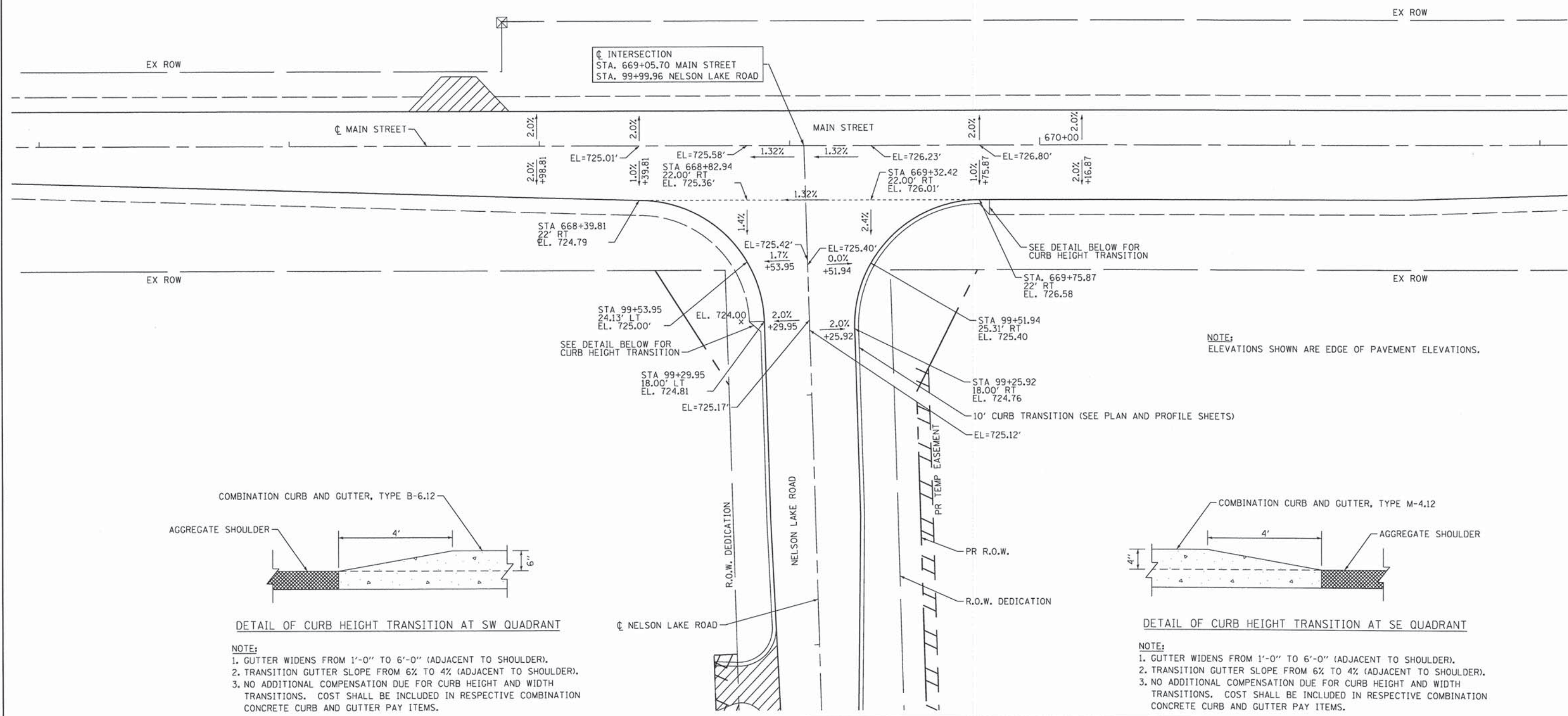
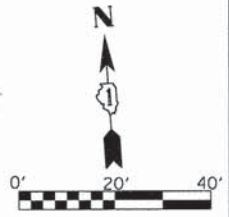
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PLOT SCALE = 50	DRAWN -- MRA	REVISED -- PER KANE CO. 5/30/14
PLOT DATE =	CHECKED -- DF	REVISED -- PER KANE CO. 6/19/14
	DATE -- 11/25/13	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

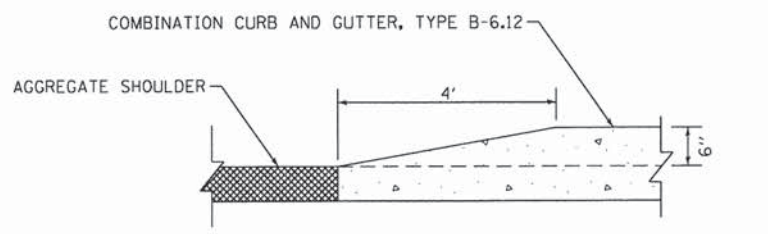
MAIN STREET & NELSON LAKE ROAD

SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. 664+28.62 TO STA. 675+68.86

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	08-00378-00-CH	KANE	49	19
CONTRACT NO. 63891				

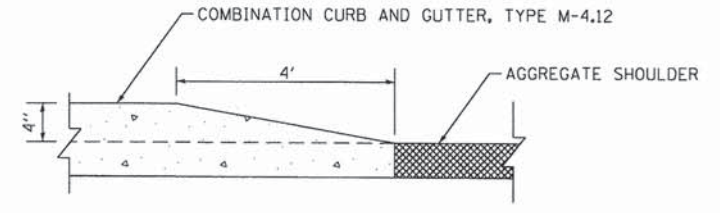


NOTE:  
ELEVATIONS SHOWN ARE EDGE OF PAVEMENT ELEVATIONS.



DETAIL OF CURB HEIGHT TRANSITION AT SW QUADRANT

NOTE:  
1. GUTTER WIDENS FROM 1'-0" TO 6'-0" (ADJACENT TO SHOULDER).  
2. TRANSITION GUTTER SLOPE FROM 6% TO 4% (ADJACENT TO SHOULDER).  
3. NO ADDITIONAL COMPENSATION DUE FOR CURB HEIGHT AND WIDTH TRANSITIONS. COST SHALL BE INCLUDED IN RESPECTIVE COMBINATION CONCRETE CURB AND GUTTER PAY ITEMS.



DETAIL OF CURB HEIGHT TRANSITION AT SE QUADRANT

NOTE:  
1. GUTTER WIDENS FROM 1'-0" TO 6'-0" (ADJACENT TO SHOULDER).  
2. TRANSITION GUTTER SLOPE FROM 6% TO 4% (ADJACENT TO SHOULDER).  
3. NO ADDITIONAL COMPENSATION DUE FOR CURB HEIGHT AND WIDTH TRANSITIONS. COST SHALL BE INCLUDED IN RESPECTIVE COMBINATION CONCRETE CURB AND GUTTER PAY ITEMS.

FILE NAME : P:\02\_208\_001\_0001 Main et Nelson Lake P2\Design\CADD\Sheets\20-KDOT-Main\NL-IntersectionDetail.dgn  
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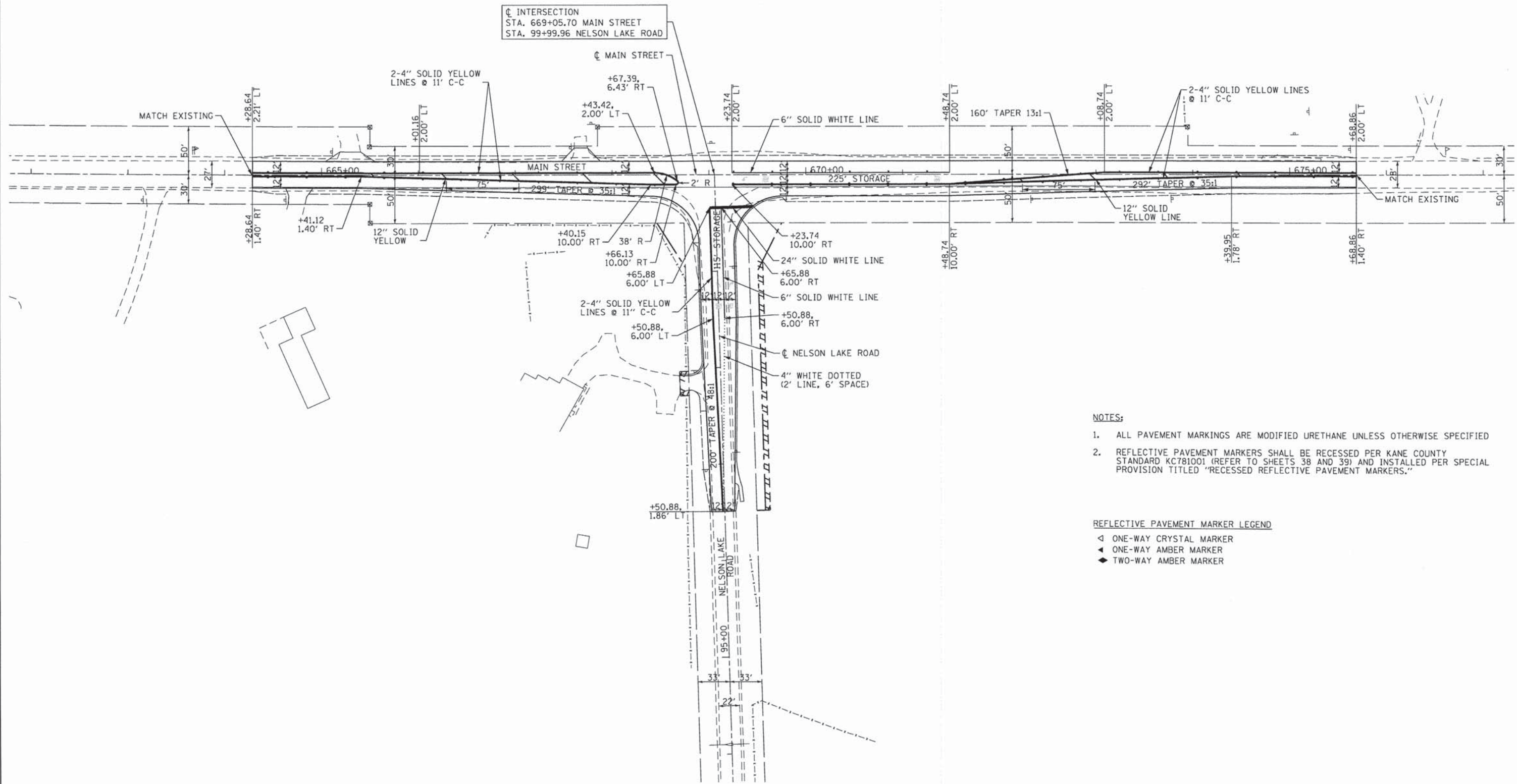
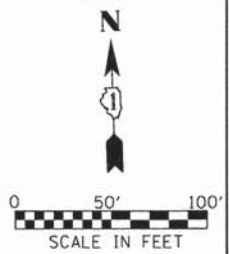
USER NAME = SJohnson	DESIGNED - DO	REVISED -
	DRAWN - DO	REVISED -
PLOT SCALE = 40.00 FT / in.	CHECKED - RK	REVISED -
PLOT DATE = 12/12/2014	DATE - 12-15-2014	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INTERSECTION PLAN

SCALE: 1"=40' SHEET 1 OF 1 SHEETS STA. TO STA.

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	08-00378-00-CH	KANE	49	20
CONTRACT NO. 63891				
[ILLINOIS] FED. AID PROJECT				

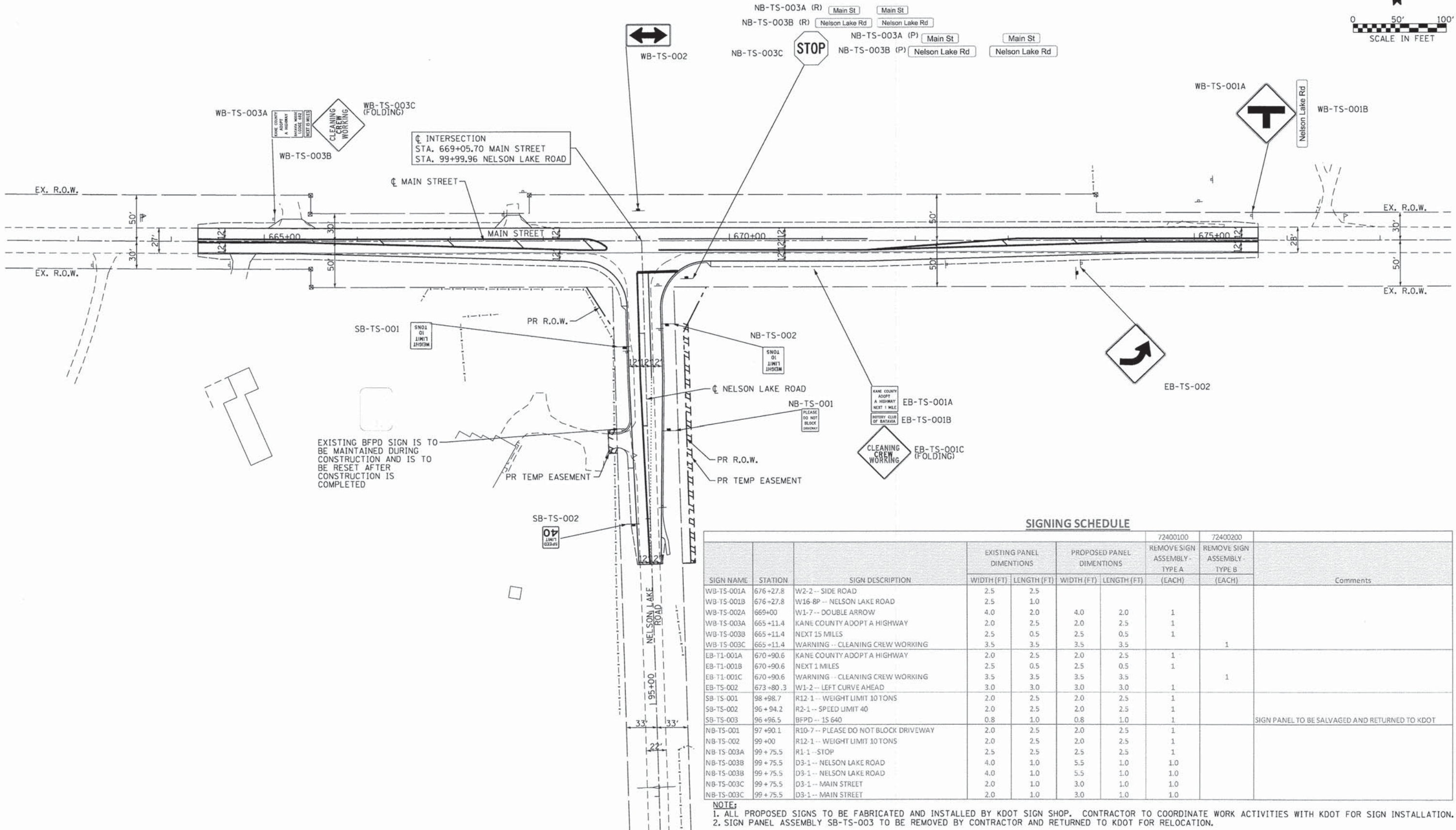
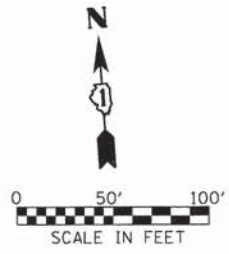


- NOTES:**
1. ALL PAVEMENT MARKINGS ARE MODIFIED URETHANE UNLESS OTHERWISE SPECIFIED
  2. REFLECTIVE PAVEMENT MARKERS SHALL BE RECESSED PER KANE COUNTY STANDARD KC781001 (REFER TO SHEETS 38 AND 39) AND INSTALLED PER SPECIAL PROVISION TITLED "RECESSED REFLECTIVE PAVEMENT MARKERS."

- REFLECTIVE PAVEMENT MARKER LEGEND**
- ◁ ONE-WAY CRYSTAL MARKER
  - ◄ ONE-WAY AMBER MARKER
  - ◆ TWO-WAY AMBER MARKER

FILE NAME = P:\02-208-001\_KDOT\_Main at Nelson Lake P2\Design\CADD\Sheets\21-KDOT-HANNL-akt-pmk.dgn  
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	USER NAME = SJohnson	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING PLAN</b>		CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
	PLOT SCALE = 100.00 FT / in.	DRAWN -	REVISED -		SCALE: 1"=50'	SHEET 1	OF 1 SHEETS	STA.	TO STA.	10	08-00378-00-CH	KANE	49	21
	PLOT DATE = 12/12/2014	CHECKED -	REVISED -							CONTRACT NO. 63891				
	DATE -	REVISED -					ILLINOIS FED. AID PROJECT							



EXISTING BFPD SIGN IS TO BE MAINTAINED DURING CONSTRUCTION AND IS TO BE RESET AFTER CONSTRUCTION IS COMPLETED

**SIGNING SCHEDULE**

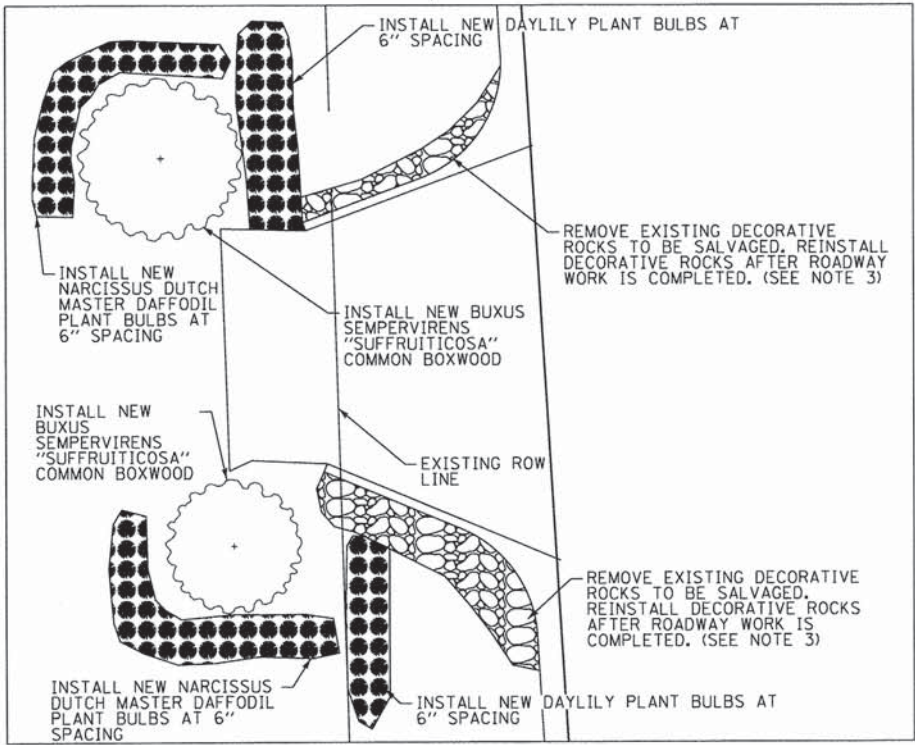
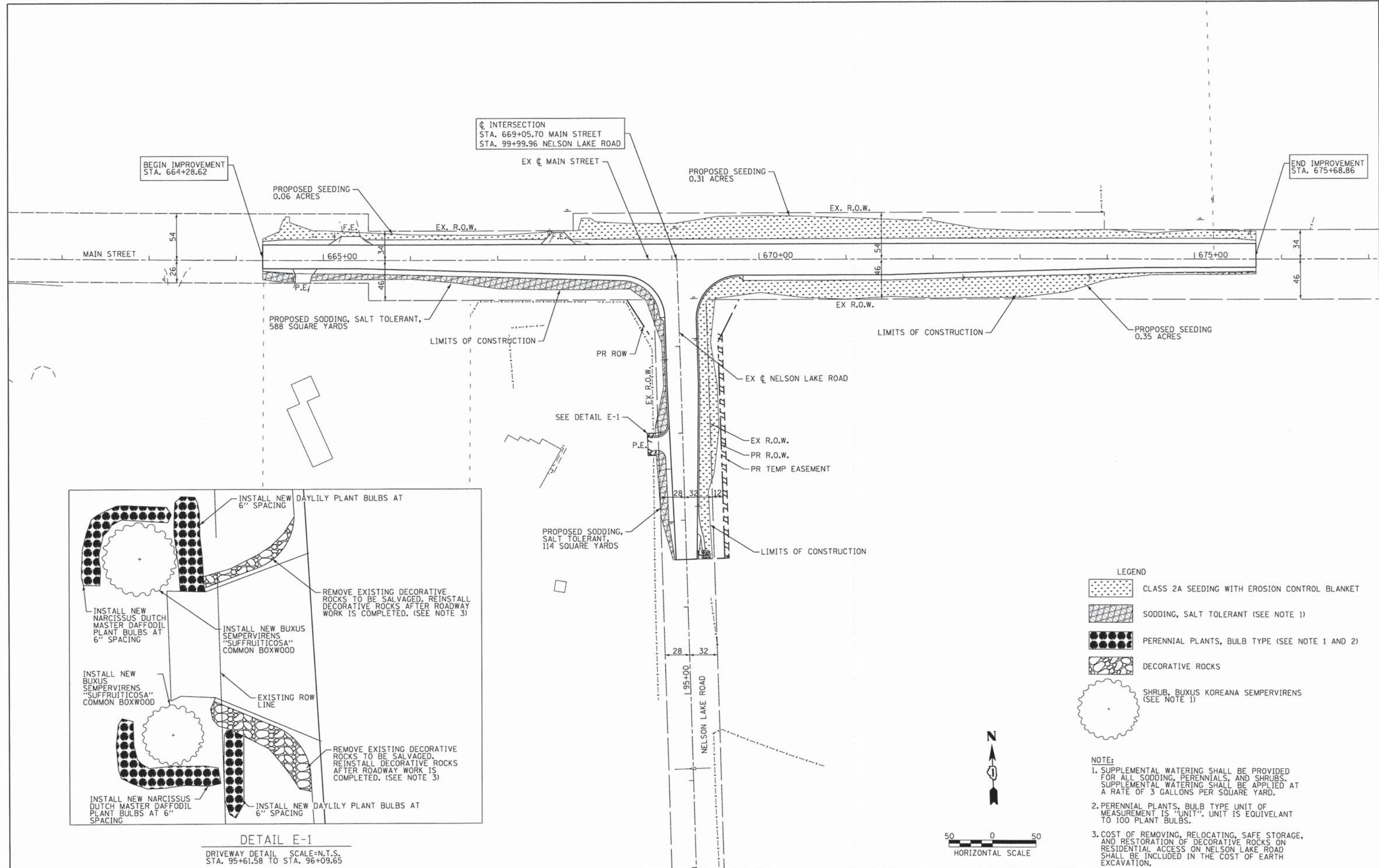
SIGN NAME	STATION	SIGN DESCRIPTION	EXISTING PANEL DIMENSIONS		PROPOSED PANEL DIMENSIONS		72400100 REMOVE SIGN ASSEMBLY - TYPE A		72400200 REMOVE SIGN ASSEMBLY - TYPE B		Comments
			WIDTH (FT)	LENGTH (FT)	WIDTH (FT)	LENGTH (FT)	(EACH)	(EACH)			
WB-TS-001A	676+27.8	W2-2 -- SIDE ROAD	2.5	2.5							
WB-TS-001B	676+27.8	W16-8P -- NELSON LAKE ROAD	2.5	1.0							
WB-TS-002A	669+00	W1-7 -- DOUBLE ARROW	4.0	2.0	4.0	2.0	1				
WB-TS-003A	665+11.4	KANE COUNTY ADOPT A HIGHWAY	2.0	2.5	2.0	2.5	1				
WB-TS-003B	665+11.4	NEXT 15 MILES	2.5	0.5	2.5	0.5	1				
WB-TS-003C	665+11.4	WARNING -- CLEANING CREW WORKING	3.5	3.5	3.5	3.5		1			
EB-TS-001A	670+90.6	KANE COUNTY ADOPT A HIGHWAY	2.0	2.5	2.0	2.5	1				
EB-TS-001B	670+90.6	NEXT 1 MILES	2.5	0.5	2.5	0.5	1				
EB-TS-001C	670+90.6	WARNING -- CLEANING CREW WORKING	3.5	3.5	3.5	3.5		1			
EB-TS-002	673+80.3	W1-2 -- LEFT CURVE AHEAD	3.0	3.0	3.0	3.0	1				
SB-TS-001	98+98.7	R12-1 -- WEIGHT LIMIT 10 TONS	2.0	2.5	2.0	2.5	1				
SB-TS-002	96+94.2	R2-1 -- SPEED LIMIT 40	2.0	2.5	2.0	2.5	1				
SB-TS-003	96+96.5	BFPD -- 1S 640	0.8	1.0	0.8	1.0	1				SIGN PANEL TO BE SALVAGED AND RETURNED TO KDOT
NB-TS-001	97+90.1	R10-7 -- PLEASE DO NOT BLOCK DRIVEWAY	2.0	2.5	2.0	2.5	1				
NB-TS-002	99+00	R12-1 -- WEIGHT LIMIT 10 TONS	2.0	2.5	2.0	2.5	1				
NB-TS-003A	99+75.5	R1-1 -- STOP	2.5	2.5	2.5	2.5	1				
NB-TS-003B	99+75.5	D3-1 -- NELSON LAKE ROAD	4.0	1.0	5.5	1.0	1.0				
NB-TS-003C	99+75.5	D3-1 -- NELSON LAKE ROAD	4.0	1.0	5.5	1.0	1.0				
NB-TS-003C	99+75.5	D3-1 -- MAIN STREET	2.0	1.0	3.0	1.0	1.0				
NB-TS-003C	99+75.5	D3-1 -- MAIN STREET	2.0	1.0	3.0	1.0	1.0				

**NOTE:**  
 1. ALL PROPOSED SIGNS TO BE FABRICATED AND INSTALLED BY KDOT SIGN SHOP. CONTRACTOR TO COORDINATE WORK ACTIVITIES WITH KDOT FOR SIGN INSTALLATION.  
 2. SIGN PANEL ASSEMBLY SB-TS-003 TO BE REMOVED BY CONTRACTOR AND RETURNED TO KDOT FOR RELOCATION.

FILE NAME = P:\22-208-001\_KDOT\_Main at Nelson Lake P2\Design\CADD\Sheets\22-KDOT-MARKING-sht-signage.dgn  
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SES, LLC 3041 WOODCREEK DR, SUITE 211 DOWNERS GROVE, IL 60515	USER NAME = SJohnson	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>SIGNAGE PLAN</b>	CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1/8" = 100.00 FT / IN.	DRAWN -	REVISED -			10	08-00378-00-CH	KANE	49	22
PLOT DATE = 12/29/2014	CHECKED -	REVISED -	REVISED -	SCALE: 1" = 50'		SHEET 1 OF 1 SHEETS		STA. TO STA.		CONTRACT NO. 63891
	DATE -	REVISED -	REVISED -	ILLINOIS FED. AID PROJECT						

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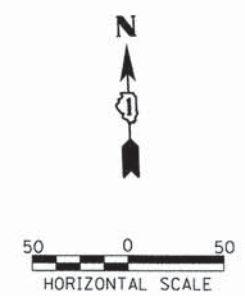


**LEGEND**

- CLASS 2A SEEDING WITH EROSION CONTROL BLANKET
- SODDING, SALT TOLERANT (SEE NOTE 1)
- PERENNIAL PLANTS, BULB TYPE (SEE NOTE 1 AND 2)
- DECORATIVE ROCKS
- SHRUB, BUXUS KOREANA SEMPERVIRENS (SEE NOTE 1)

**NOTE:**

1. SUPPLEMENTAL WATERING SHALL BE PROVIDED FOR ALL SODDING, PERENNIALS, AND SHRUBS. SUPPLEMENTAL WATERING SHALL BE APPLIED AT A RATE OF 3 GALLONS PER SQUARE YARD.
2. PERENNIAL PLANTS, BULB TYPE UNIT OF MEASUREMENT IS "UNIT". UNIT IS EQUIVALENT TO 100 PLANT BULBS.
3. COST OF REMOVING, RELOCATING, SAFE STORAGE, AND RESTORATION OF DECORATIVE ROCKS ON RESIDENTIAL ACCESS ON NELSON LAKE ROAD SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.



	USER NAME = SJohnson	DESIGNED - SDZ	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>LANDSCAPE PLAN</b>	CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLT SCALE = 1/80.00" = 1/8"	CHECKED - JAC	REVISED -			10	08-00378-00-CH	KANE	49	23
	PLT DATE = 12/12/2014	DATE - 12-15-2014	REVISED -			CONTRACT NO. 63891				

SCALE: 1"=50'    SHEET 1 OF 1 SHEETS    STA. 664+28.62 TO STA. 675+68.86    [ILLINOIS] FED. AID PROJECT

FILE NAME = P:\02.288.081\KDOT Menu et Nelson Lake P2\Design\CADD\Sheets\24-KDOT-H41\NK-h41-boringlogs.dgn

Dr Paul

Geo Services, Inc.		SOIL BORING LOG				PAGE 1 of 1	
Geotechnical, Environmental & Civil Engineering 205 Amherst Court, Suite 204 Naperville, Illinois 60565 (630) 359-2828						DATE 6/1/2010	
						LOGGED BY RJ	
						GSI JOB No. 10054	
ROUTE CH 10 & Nelson Lake Rd.		DESCRIPTION Main St. & Nelson Lake Rd. Intersection Improvements CMM-9003(138)					
SECTION 08-00378-00-CH		LOCATION Batavia Township, SEC. 19, TWP. 39 N., RNG. 8 E., 3rd P.M.					
COUNTY Kane		DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Automatic					
STRUCT. NO. --		Surface Water Elev. n/a		D E P T H		M O I S T	
Station --		Stream Bed Elev. n/a		W S		Q U	
BORING NO. B-03		Groundwater Elevation:		T W		S T	
Station: 664+41		First Encounter Dry		H S		Q	
Offset: 18.0' Left		Upon Completion Dry		T W		S T	
Ground Surface Elev. 721.0		After Hrs. --		(ft) (/6") (tsf) (%)		(ft) (/6") (tsf) (%)	
12.0" GRAVEL & STONE-brown (Fill)	AS	NP	4				
	5						
CLAY LOAM-brown & gray-stiff (A-6) Fill	5						
	7	1.5P	21				
SILTY CLAY-black-medium stiff (A-4/A-6) Fill, Wet	3		94				
	3						
	-5	3	0.9B	28			
CLAY LOAM-brown & gray-stiff (A-6) Fill	3		100				
	4						
	6	1.7SB	18				
CLAY-brown & gray-hard (A-6)	5		102				
	5						
	-10	6	6.2B	21			
End Of Boring @ -10.0' Hollow Stem Augers CME Automatic Hammer							
	-15						
	-20						

The Unclassified Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-S Shelby Tube Sample VS-Vane Shear Test  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208) The Unit Dry Weight (pcf) is noted in Italics above moist (2)  
NR-No Recovery

Geo Services, Inc.		SOIL BORING LOG				PAGE 1 of 1	
Geotechnical, Environmental & Civil Engineering 205 Amherst Court, Suite 204 Naperville, Illinois 60565 (630) 359-2828						DATE 6/1/2010	
						LOGGED BY RJ	
						GSI JOB No. 10054	
ROUTE CH 10 & Nelson Lake Rd.		DESCRIPTION Main St. & Nelson Lake Rd. Intersection Improvements CMM-9003(138)					
SECTION 08-00378-00-CH		LOCATION Batavia Township, SEC. 19, TWP. 39 N., RNG. 8 E., 3rd P.M.					
COUNTY Kane		DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Automatic					
STRUCT. NO. --		Surface Water Elev. n/a		D E P T H		M O I S T	
Station --		Stream Bed Elev. n/a		W S		Q U	
BORING NO. B-04		Groundwater Elevation:		T W		S T	
Station: 667+86		First Encounter Dry		H S		Q	
Offset: 17.5' Right		Upon Completion Dry		T W		S T	
Ground Surface Elev. 723.6		After Hrs. --		(ft) (/6") (tsf) (%)		(ft) (/6") (tsf) (%)	
12.0" GRAVEL & STONE-dark brown (Fill)	AS	NP	14				
	7						
LOAM-dark brown-medium dense (A-4) Fill	5						
	5	2.0P	18				
CLAY LOAM-dark brown-stiff (A-6) Fill	4		88				
	4						
	-5	5	1.2B	27			
CLAY LOAM-brown & gray-very stiff to hard (A-6)	3		117				
	4						
	7	3.0B	16				
	10		119				
	13						
	-10	15	4.7B	13			
End Of Boring @ -10.0' Hollow Stem Augers CME Automatic Hammer							
	-15						
	-20						

The Unclassified Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-S Shelby Tube Sample VS-Vane Shear Test  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208) The Unit Dry Weight (pcf) is noted in Italics above moist (2)  
NR-No Recovery

SE3, LLC 3041 WOODCREEK DR., SUITE 211 DOWNERS GROVE, IL 60515	USER NAME = SJohnson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING LOG DETAILS		CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -		10	08-00378-00-CH	KANE	49	24	CONTRACT NO. 63891	ILLINOIS FED. AID PROJECT
	PLOT SCALE = 8.13 FT / in.	CHECKED -	REVISED -		SCALE:	SHEET 1	OF 3	SHEETS	STA.		
	PLOT DATE = 12/12/2014	DATE = 9/2013	REVISED -								



PAGE 1 of 1

**SOIL BORING LOG**

Geo Services, Inc.  
Geotechnical, Environmental & Civil Engineering  
605 Adams Court, Suite 204  
Naperville, Illinois 60565  
(630) 355-2838

DATE 6/1/2010  
LOGGED BY RJ  
GSI JOB No. 10054

ROUTE CH 10 & Nelson Lake Rd. DESCRIPTION Main St. & Nelson Lake Rd. Intersection Improvements CMM-9003(138)  
SECTION 08-00378-00-CH LOCATION Batavia Township, SEC. 19, TWP. 39 N., RNG. B E., 3rd P.M.  
COUNTY Kane DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. --  
Station --  
BORING NO. **B-05**  
Station: 671+41  
Offset: 18.0' Left  
Ground Surface Elev. 728.2

SOIL DESCRIPTION	D E P T H			U N D E R S T			M O I S T U R E	S U R F A C E	E L E V A T I O N
	(ft)	(/6")	(tsf)	(%)	(ft)	(/6")			
18.0" GRAVEL & STONE—brown (Fill)									
		AS	NP	S					
		9							108
		6							
		5	2.7B						22
CLAY LOAM—dark brown—very stiff (A-6) Fill									
		9							113
		5							
		-5	2.0B						16
SILTY CLAY—dark gray to black—medium stiff (A-6) Wet									
		2							87
		3							
		5	0.8B						27
CLAY—brown & gray—medium stiff (A-6) Wet									
		2							95
		3							
		-10	0.5B						28
End Of Boring @ -10.0' Hollow Stem Augers CME Automatic Hammer									
		-15							-35
		-20							-40

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B)—Bulk, (S)—Shear, (P)—Penetration, (S)—Shelby Tube Sample, (V)—Vane Shear Test. The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206). The Unit Dry Weight (pcf) is noted in italics above moist (%). NR—No Recovery.

PAGE 1 of 1

**SOIL BORING LOG**

Geo Services, Inc.  
Geotechnical, Environmental & Civil Engineering  
605 Adams Court, Suite 204  
Naperville, Illinois 60565  
(630) 355-2838

DATE 6/1/2010  
LOGGED BY RJ  
GSI JOB No. 10054

ROUTE CH 10 & Nelson Lake Rd. DESCRIPTION Main St. & Nelson Lake Rd. Intersection Improvements CMM-9003(138)  
SECTION 08-00378-00-CH LOCATION Batavia Township, SEC. 19, TWP. 39 N., RNG. B E., 3rd P.M.  
COUNTY Kane DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. --  
Station --  
BORING NO. **B-06**  
Station: 674+11  
Offset: 17.5' Right  
Ground Surface Elev. 735.8

SOIL DESCRIPTION	D E P T H			U N D E R S T			M O I S T U R E	S U R F A C E	E L E V A T I O N
	(ft)	(/6")	(tsf)	(%)	(ft)	(/6")			
12.0" GRAVEL & STONE—brown (Fill)									
		AS	NP	S					
		7							
		6							
		4	1.5B						17
CLAY LOAM—brown & gray—stiff to hard (A-6) Fill									
		4							113
		6							
		-5	4.4B						17
CLAY—brown & gray—hard (A-6)									
		5							108
		7							
		10	4.2B						19
		19							
		15							
		-10	4.5+P						13
End Of Boring @ -10.0' Hollow Stem Augers CME Automatic Hammer									
		-15							-35
		-20							-40

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B)—Bulk, (S)—Shear, (P)—Penetration, (S)—Shelby Tube Sample, (V)—Vane Shear Test. The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206). The Unit Dry Weight (pcf) is noted in italics above moist (%). NR—No Recovery.

FILE NAME = P:\82-208-081-KDOT Main at Nelson Lake P2\Design\CADD\Sheets\24-KDOT-MAIN\NL-1ht-boring-log.dgn



USER NAME = SJohnson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.13 FT / in.	CHECKED -	REVISED -
PLOT DATE = 12/12/2014	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

BORING LOG DETAILS			
CH	SECTION	COUNTY	TOTAL SHEETS
10	08-00378-00-CH	KANE	49
			25
CONTRACT NO. 63891			
SCALE:	SHEET 2	OF 3 SHEETS	STA. TO STA.

ILLINOIS FED. AID PROJECT			
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PAGE 1 of 1

Geo Services, Inc.  
 Geotechnical, Environmental & Civil Engineering  
 605 Ashurst Court, Suite 204  
 Naperville, Illinois 60563  
 (630) 355-2638

**SOIL BORING LOG**

DATE 6/1/2010  
 LOGGED BY Rj  
 GSI JOB No. 10054

ROUTE CH 10 & Nelson Lake Rd. DESCRIPTION Main St. & Nelson Lake Rd. Intersection Improvements CMM-9003(138)

SECTION 08-00378-00-CH LOCATION Batavia Township, SEC. 19, TWP. 39 N., RNG. 8 E., 3rd P.M.

COUNTY Kane DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Automatic


STRUCT. NO. -  
 Station -

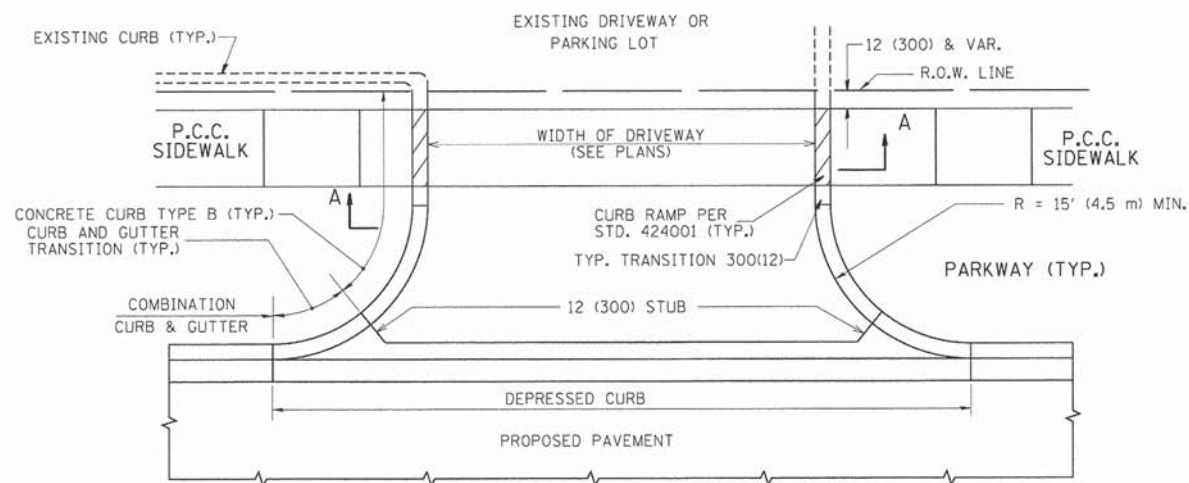
BORING NO. **B-12**  
 Station: 96+55  
 Offset: 12.5' Right  
 Ground Surface Elev. 713.4

	DEPTH H S	BLOW S	UCS Qu	MOIST T	Surface Water Elev.		Stream Bed Elev.		DEPTH H S	BLOW S	UCS Qu	MOIST T
					(ft)	(/6")	(tsf)	(%)				
SAND, GRAVEL & STONE- medium dense (Fill)			AS NP g			n/a	n/a					
	9											
	6											
SILTY CLAY-dark brown- very stiff (A-6) Wet			5 2.25P 27									
	6											
	7											
	9		4.5+P 13									
	-5											
	-25											
CLAY to CLAY LOAM- brown & gray-hard (A-6)												
	9		119									
	11											
	13		5.48 14									
	9		118									
	12											
	-10		4.98 15									
	-30											
End Of Boring @ -10.0' Hollow Stem Augers CME Automatic Hammer												
	-15											
	-35											
	-40											
	-20											

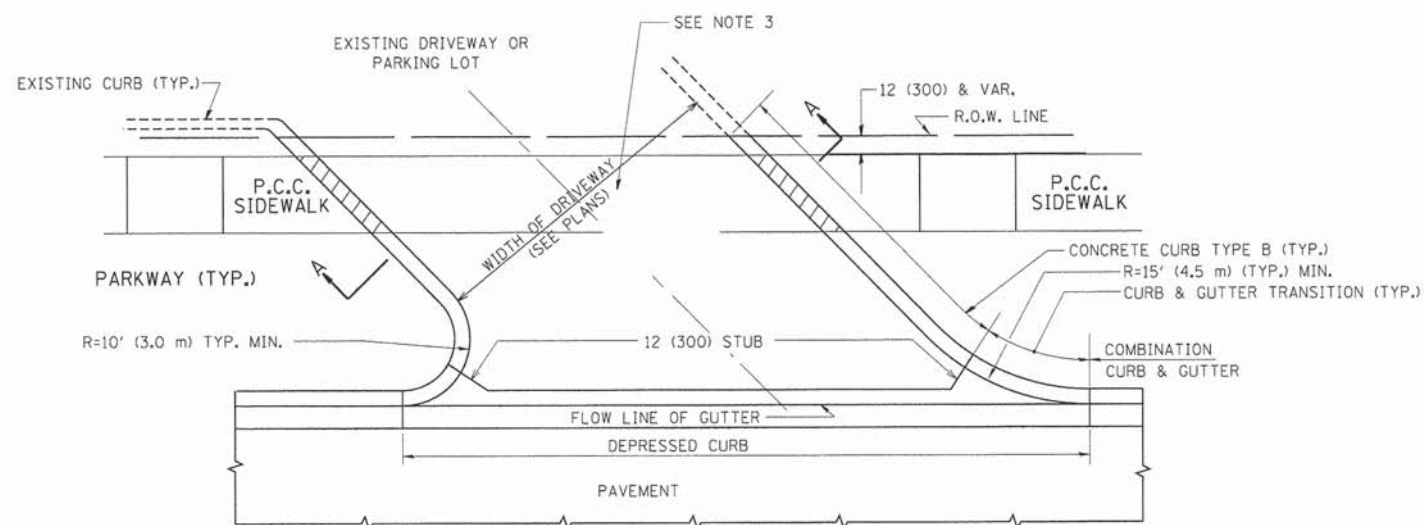
The Unconfined Compressive Strength (UCS) Future Made is indicated by (B-Gauge, S-Rhoor, P-Petrolometer) S1-Shelby Lab Sample YS-Vane Shear Test  
 The SPT (N value) is the sum of the last two blow values in each sampling zone (445-110 1306) The Unit Dry Weight (Gc) is noted in Italics above moist (2)  
 NR-No Recovery

FILE NAME = P:\02-208-081\_KDOT\_Main et Nelson Lake P2\Design\A000\Sheets\24-KDOT-H1\NLS-ahc-boring-log.svdgn  
 Default

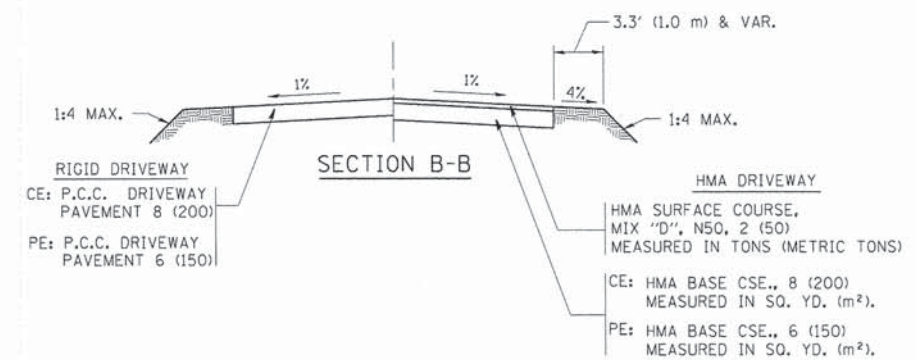
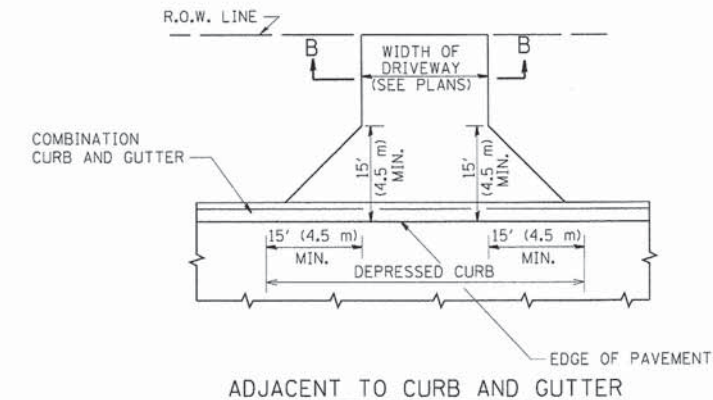
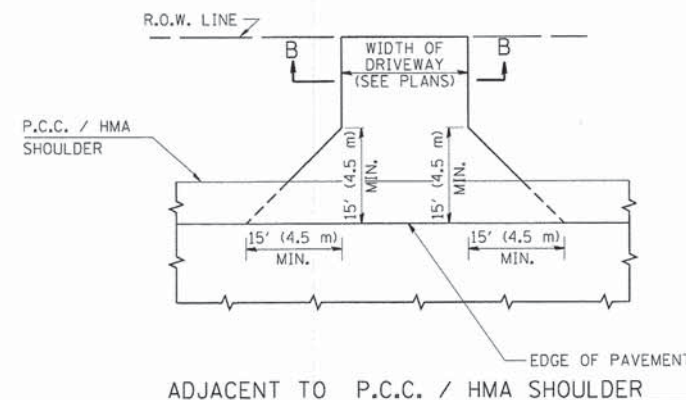
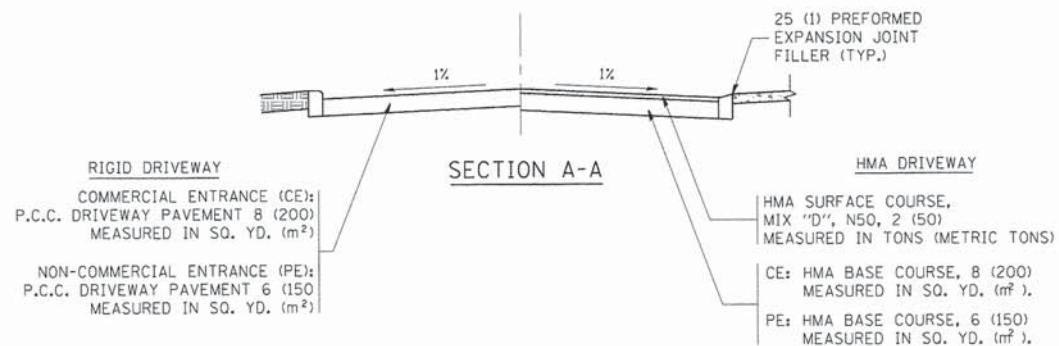
 SE3, LLC 3041 WOODCREEK DR, SUITE 211 DOWNERS GROVE, IL 60515	USER NAME = SJohnson	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>BORING LOG DETAILS</b>	CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 8.13 FT / in.	DRAWN -	REVISED -			10	08-00378-00-CH	KANE	49	26
	PLOT DATE = 12/12/2014	CHECKED -	REVISED -			CONTRACT NO. 63891				
	DATE -	REVISED -		SCALE:	SHEET 3 OF 3 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



WITH CONCRETE CURB, TYPE B



WITH CONCRETE CURB, TYPE 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.

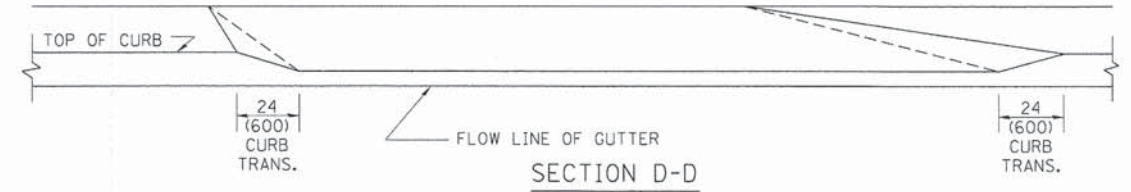
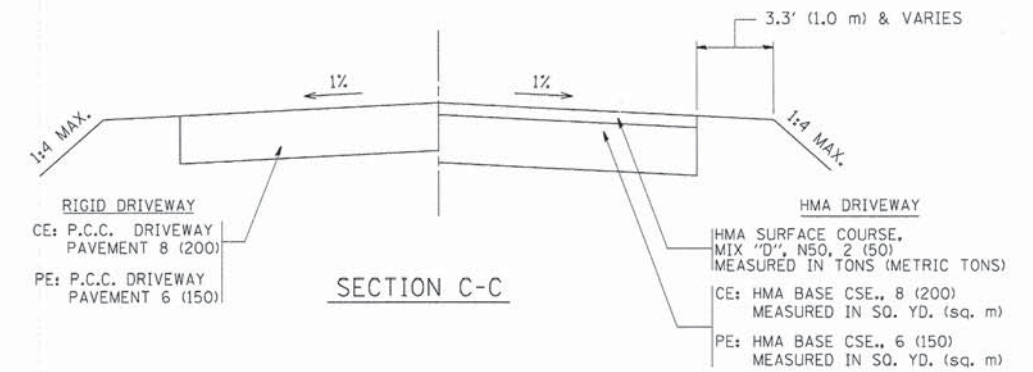
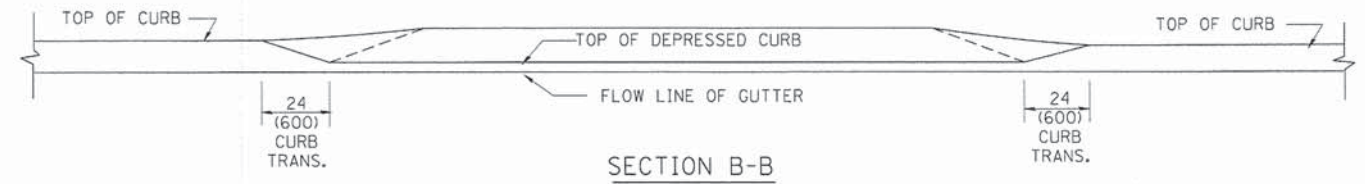
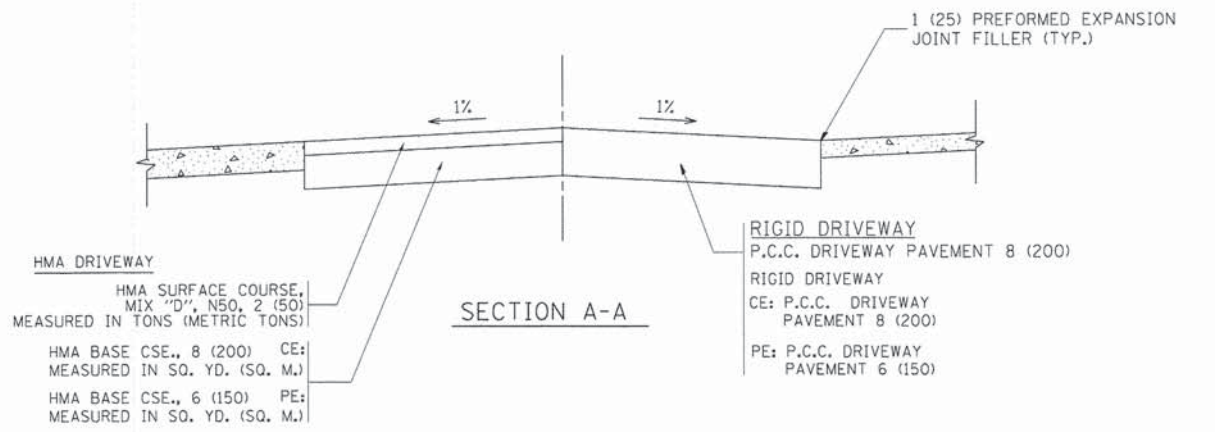
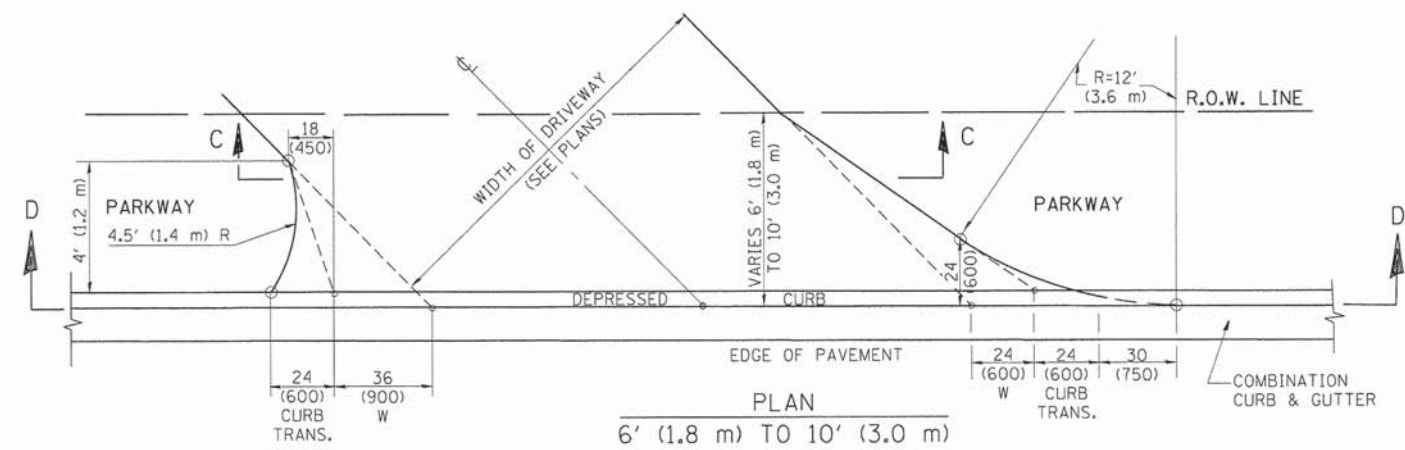
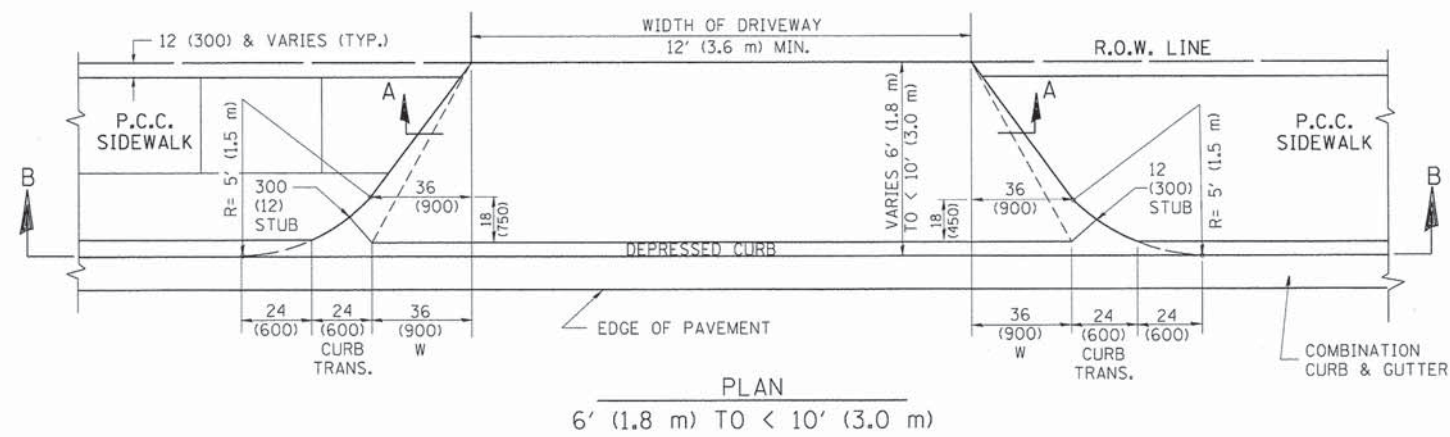
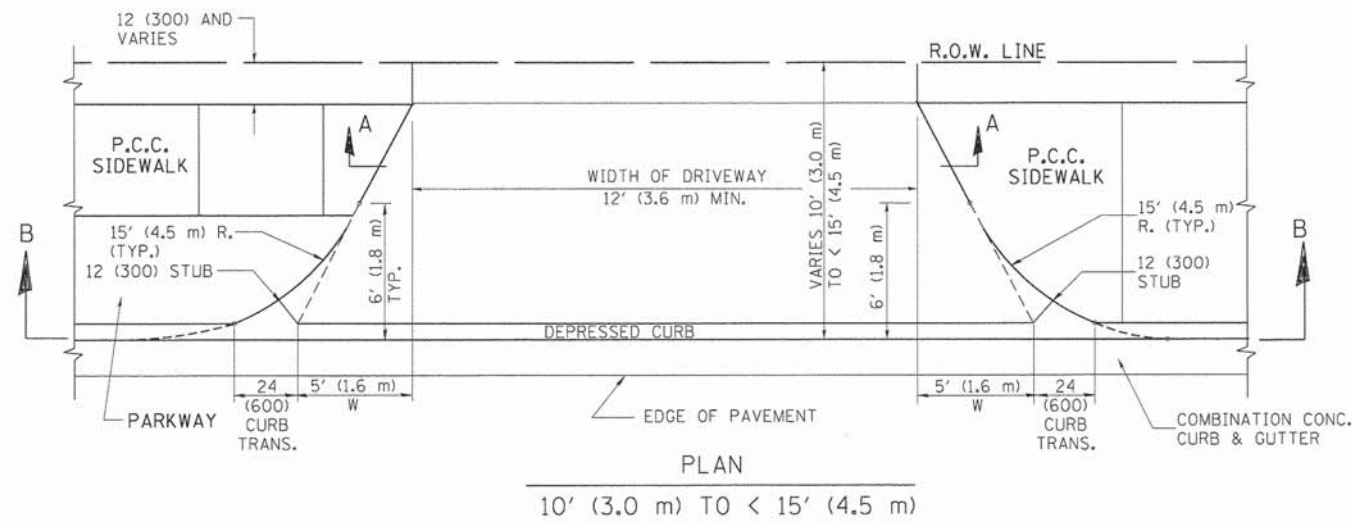
THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

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.

FILE NAME =	USER NAME = lqysa	DESIGNED - R. SHAH	REVISED - P. LoFLUER 04-15-03	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB &amp; EDGE OF SHOULDER &gt;= 15' (4.5 m)</b>		CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pw\work\p\dot\lqysa\d0108315\bd01.dwg		DRAWN -	REVISED - R. BORO 01-01-07		10	08-00378-00-CH	KANE	49	27			
	PLOT SCALE = 50.0000' / 1" =	CHECKED -	REVISED - R. BORO 06-11-08		SCALE: NONE		SHEET NO. 1 OF 1 SHEETS		STA. TO STA.		BD0156-07 (BD-01) CONTRACT NO. 63891	
	PLOT DATE = 4/6/2011	DATE - 11-04-95	REVISED - R. BORO 09-06-11		FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT			



**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 ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF 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.

THE 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.

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

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

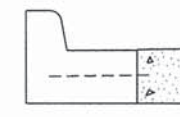
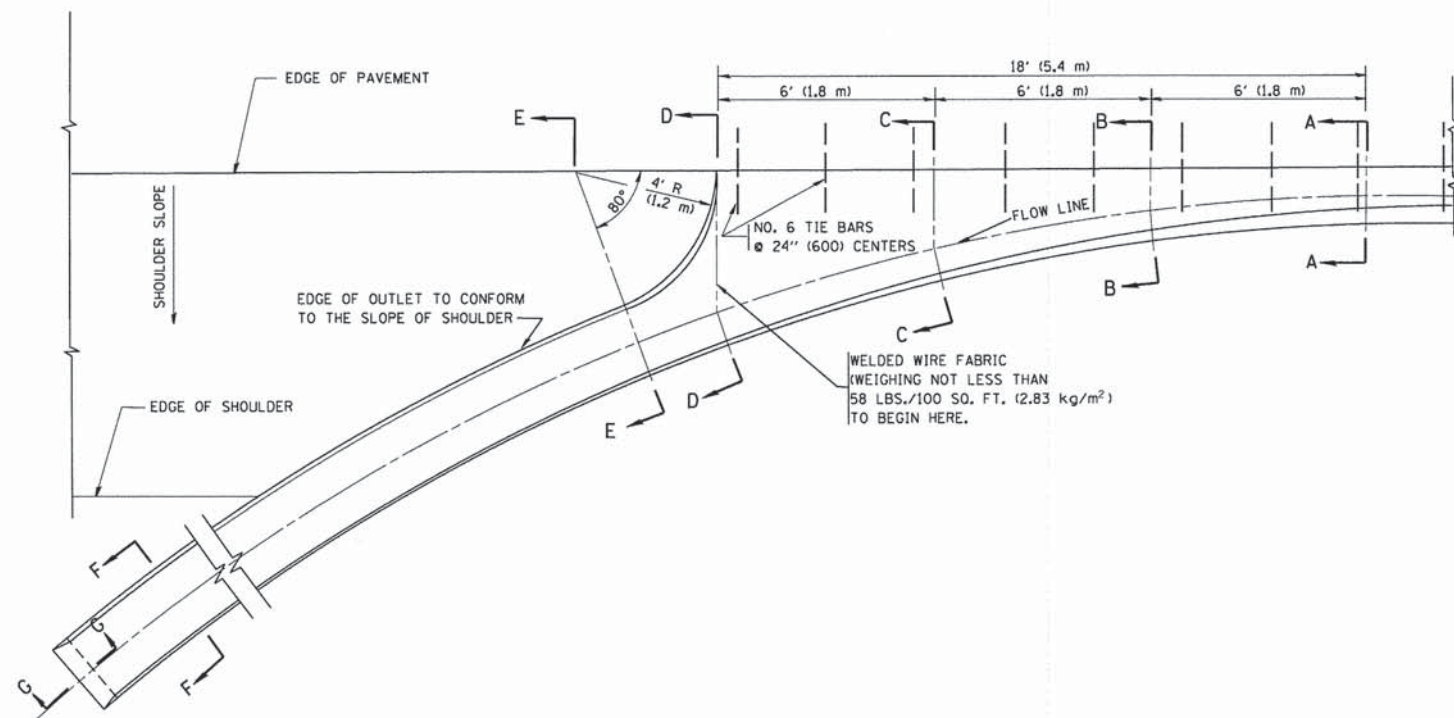
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

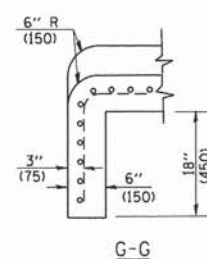
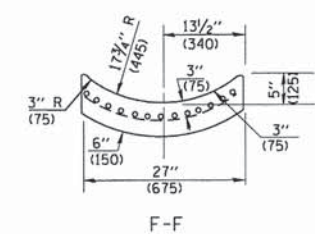
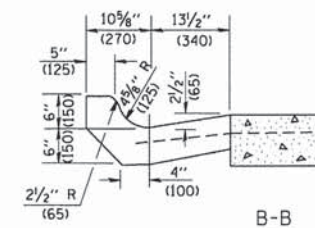
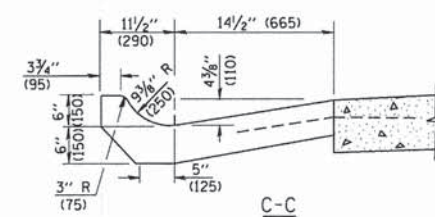
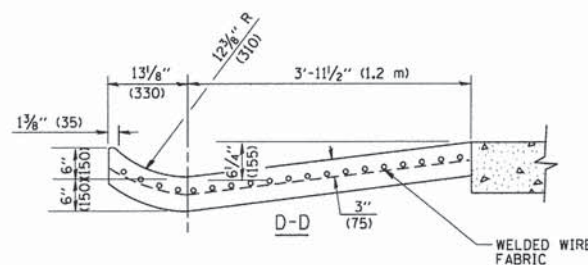
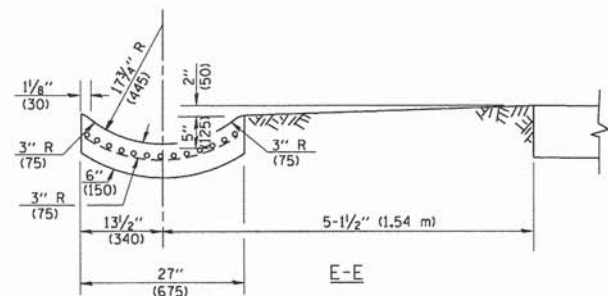
**DRIVEWAY DETAILS  
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)**

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

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	08-00378-00-CH	KANE	49	28
<b>BD400-02 (BD-02)</b>			<b>CONTRACT NO. 63891</b>	
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				



\* DIMENSIONS OF THE CURB & GUTTER AT SECTION A-A ARE SHOWN ON STATE STANDARD 606001. FOR DETAILS OF OUTLET FOR CONCRETE CURB & GUTTER, TYPE B-6.24 (B-15.60) SEE STATE STANDARD 606006.



**GENERAL NOTES**

GUTTER OUTLET SHALL BE TIED TO THE PAVEMENT IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN ON STANDARD 420001.

TIE BARS SHALL BE NO. 20 (NO.6) AT 24" (600) CENTERS UNLESS OTHERWISE SHOWN.

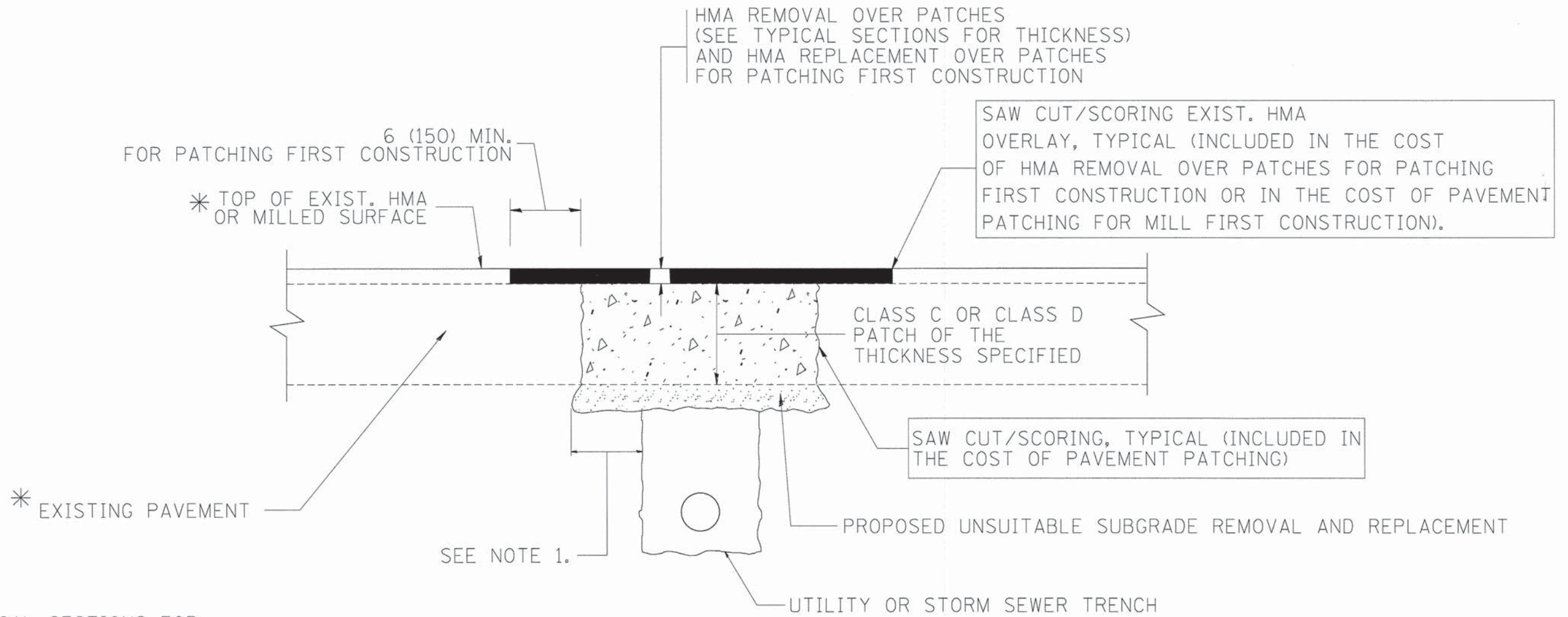
IF THE AVERAGE GRADE OF PAVEMENT FOR THE DISTANCE FROM SECTION A-A TO D-D EXCEEDS 2%, THIS DISTANCE SHALL BE INCREASED 6' (1.8 m) FOR EACH 1% INCREASE IN GRADE.

**QUANTITIES**

FOR SECTION A-A TO E-E AND CURTAIN WALL =  
 1.25 CU. YDS. (0.96 m<sup>3</sup>) CLASS S1 CONCRETE (OUTLET) FOR 9" (225) PAV'T.  
 1.27 CU. YDS. (0.96 m<sup>3</sup>) CLASS S1 CONCRETE (OUTLET) FOR 10" (250) PAV'T.  
 FOR SECTION F-F =  
 0.045 CU. YDS. (0.03 m<sup>3</sup>) CLASS S1 CONCRETE PER FT. (m).

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

FILE NAME = W:\diststd\22x34\bd03.dgn	USER NAME = gaglienobt	DESIGNED - M. DE YONG	REVISED - R. SHAH 09-09-94	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>OUTLET FOR CONCRETE CURB AND GUTTER</b>			CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - R. SHAH 10-25-94		10	08-00378-00-CH	KANE	49	29			
PLOT DATE = 1/4/2008	DATE - 08-04-86	REVISED - E. GOMEZ 12-21-00	REVISED -	SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	<b>BD600-01 (BD-03) CONTRACT NO. 63891</b>				
								FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



\* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

**NOTES:**

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

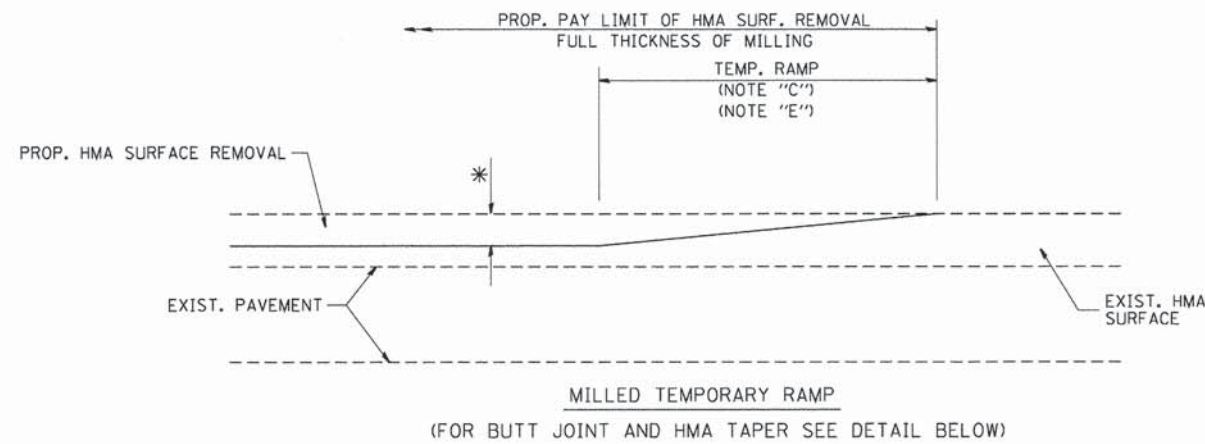
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

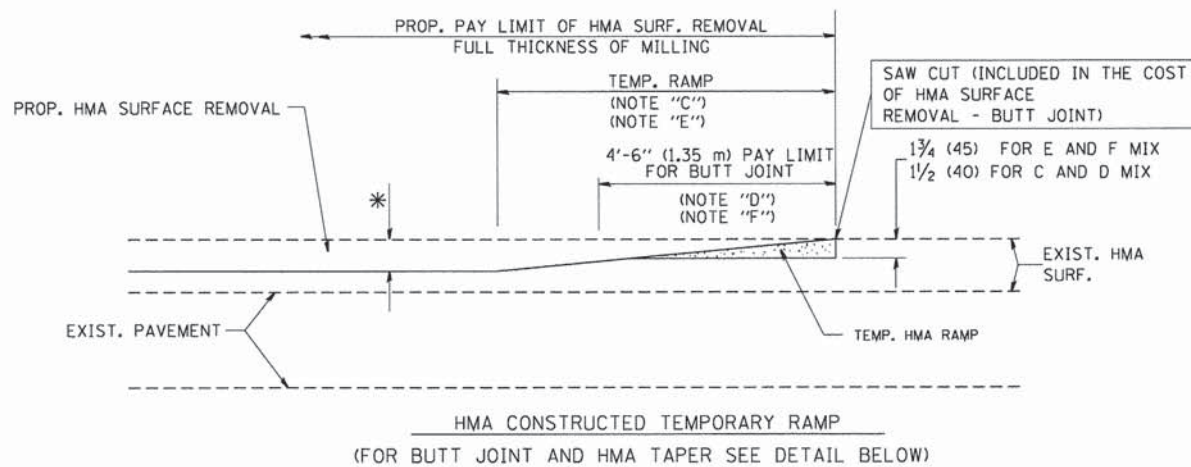
1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

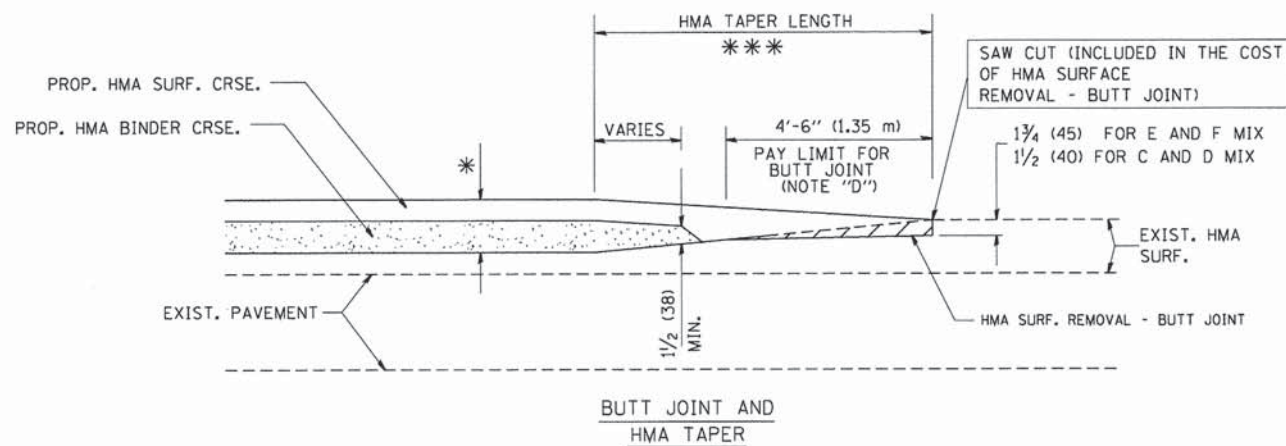
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		DRAWN -	REVISED - R. BORO 01-01-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	10	08-00378-00-CH	KANE	49	30
		PLOT SCALE = 50.000' / IN.	REVISED - R. BORO 09-04-07					<b>BD400-04 (BD-22)</b>		CONTRACT NO. 63891			
		PLOT DATE = 10/27/2008	REVISED - K. ENG 10-27-08		FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT								



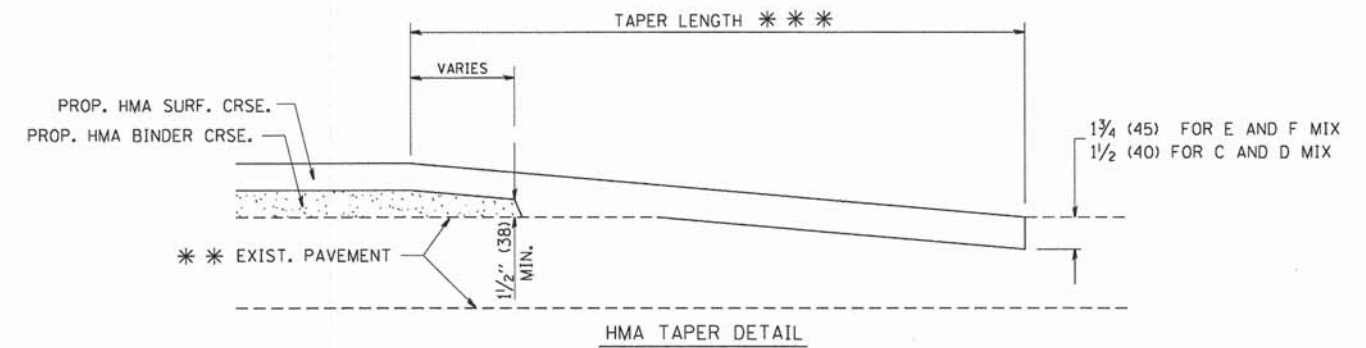
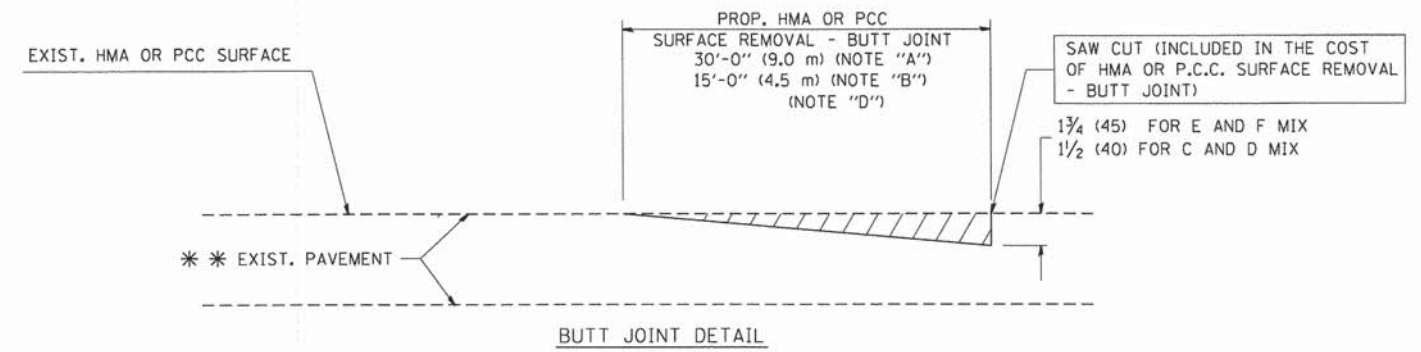
**OPTION 1**



**OPTION 2  
TYPICAL TEMPORARY RAMP**



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



**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".

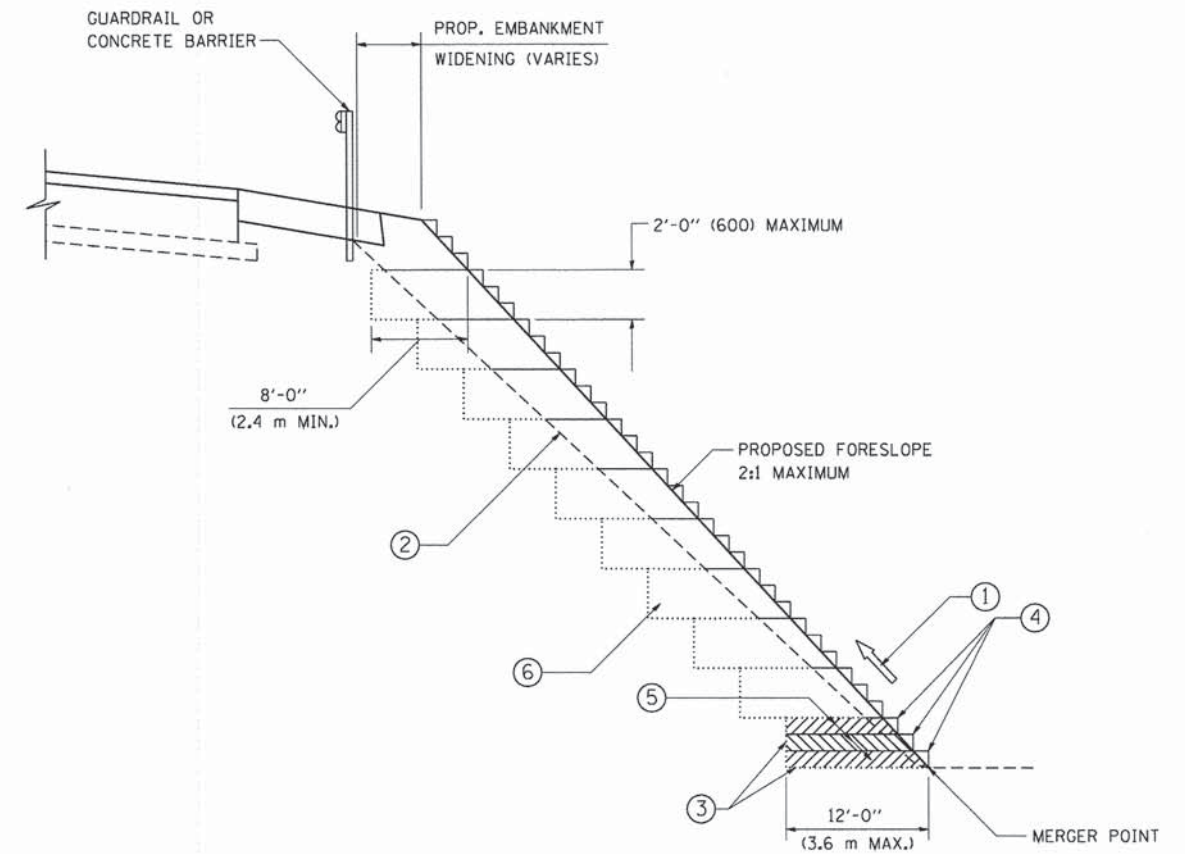
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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	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**

<b>BUTT JOINT AND HMA TAPER DETAILS</b>	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	08-00378-00-CH	KANE	49	31
<b>BD400-05 BD32</b>			<b>CONTRACT NO. 63891</b>	
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				



TYPICAL BENCHING DETAIL  
FOR EMBANKMENT

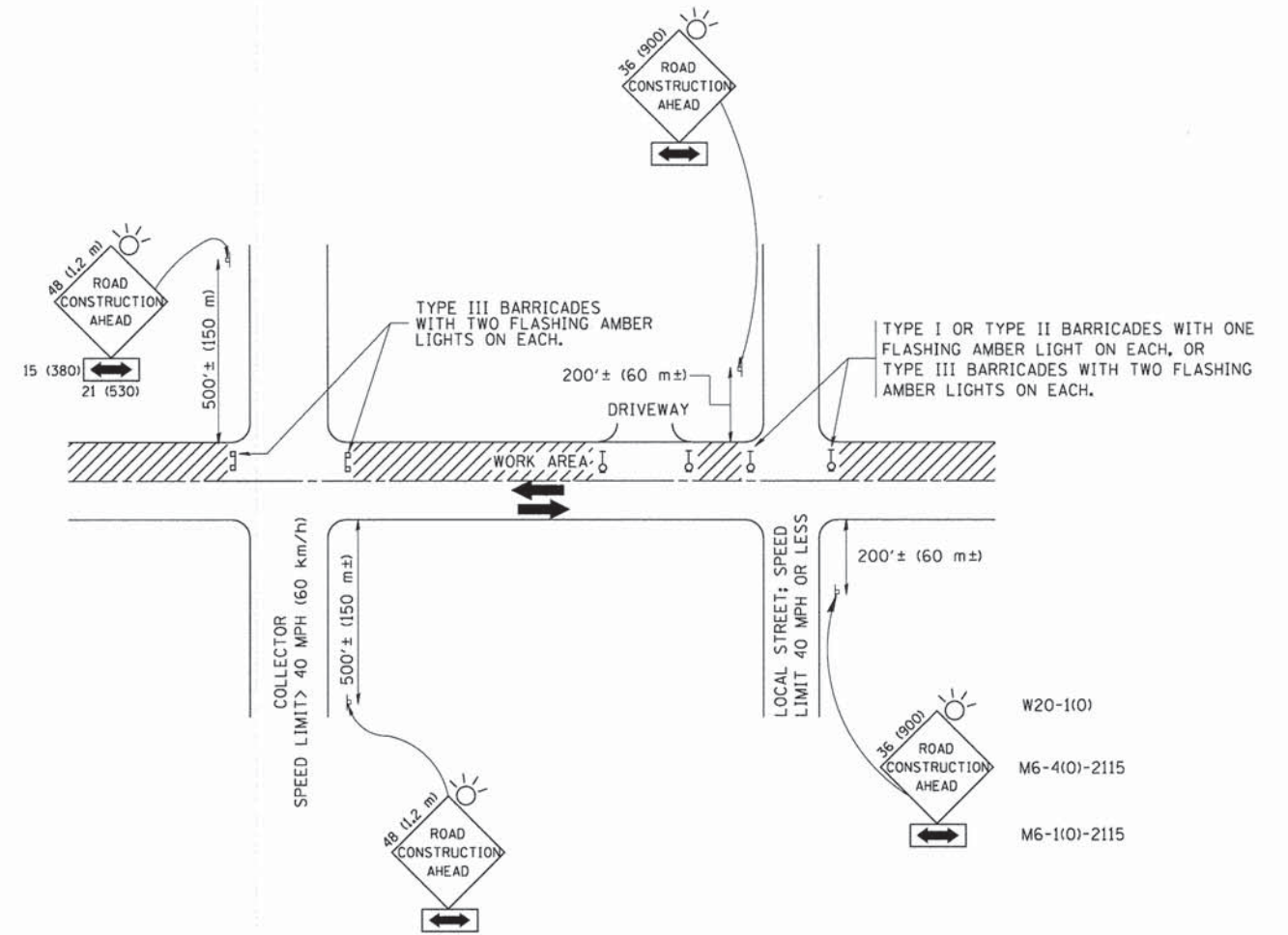
**NOTES:**

- ① CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
- ② EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
- ③ BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
- ④ TRIM TO FINAL SLOPE.
- ⑤ EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.
- ⑥ EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ⑦ SLOPES SHALL BE BENCHED ACCORDING TO THIS DETAIL WHEN THE SLOPE IS STEEPER THAN 4:1 AND THE HEIGHT IS GREATER THAN 5' (1.5 m).

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

FILE NAME = W:\diststd\22x34\bd51.dgn	USER NAME = gaglianobt	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>BENCHING DETAIL FOR EMBANKMENT WIDENING</b>			CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / IN.	DRAWN - CADD	REVISED -		10	08-00378-00-CH	KANE	49	32			
	PLOT DATE = 1/4/2008	CHECKED - S.E.B.	REVISED -		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.			<b>BD-51</b>		CONTRACT NO. 63891		
		DATE - 06-16-04	REVISED -		FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT							





TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
  1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
    - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
    - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
  2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
    - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
    - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
  3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
 

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

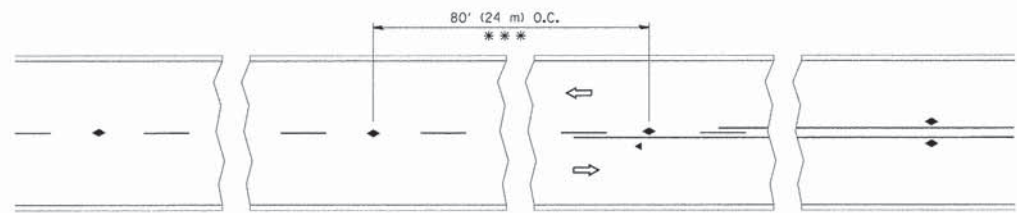
All dimensions are in millimeters (inches) unless otherwise shown.

FILE NAME =	USER NAME = geglionabt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
W:\distatd\22x34\td10.dgn		DRAWN -	REVISED - A. HOUSEH 03-06-96
		CHECKED -	REVISED - A. HOUSEH 10-15-96
		DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

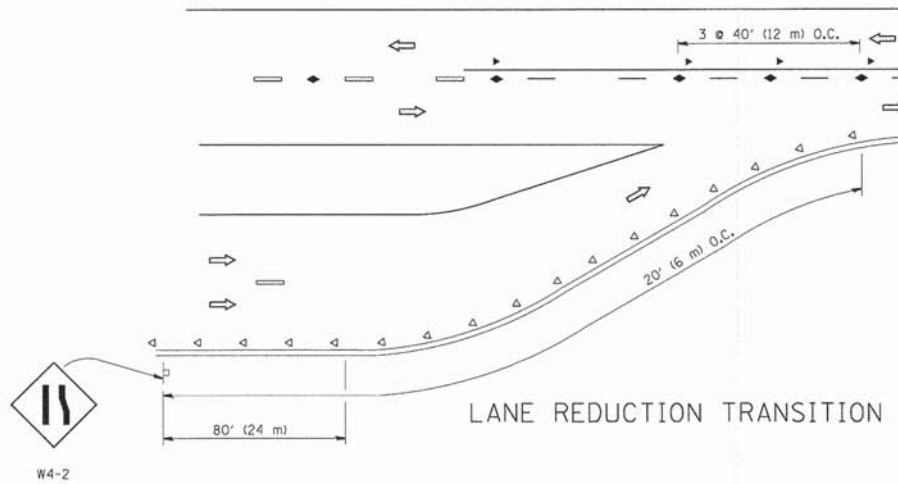
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-10			CONTRACT NO. 63891	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

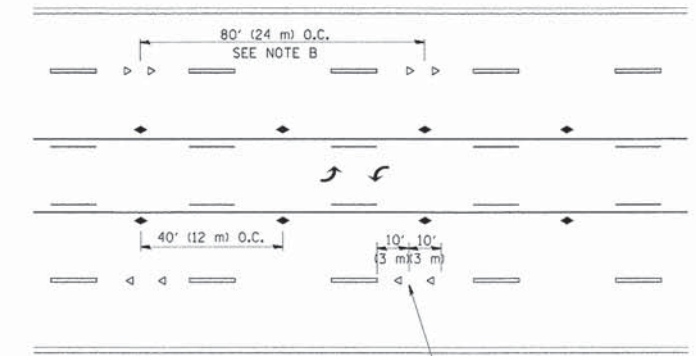


\*\*\* REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

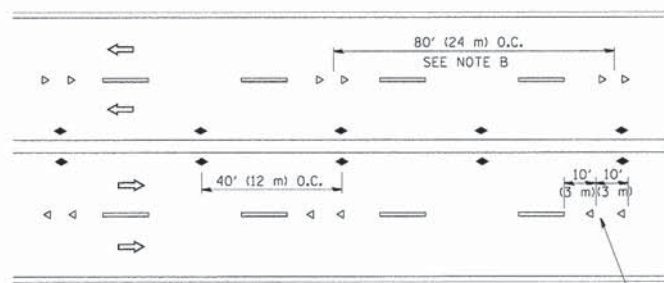
TWO-LANE/TWO-WAY



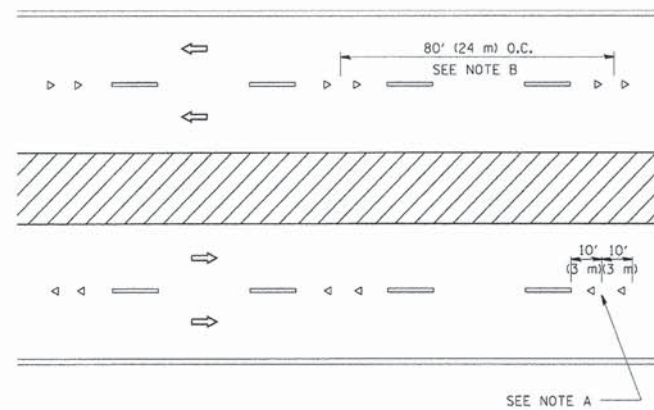
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

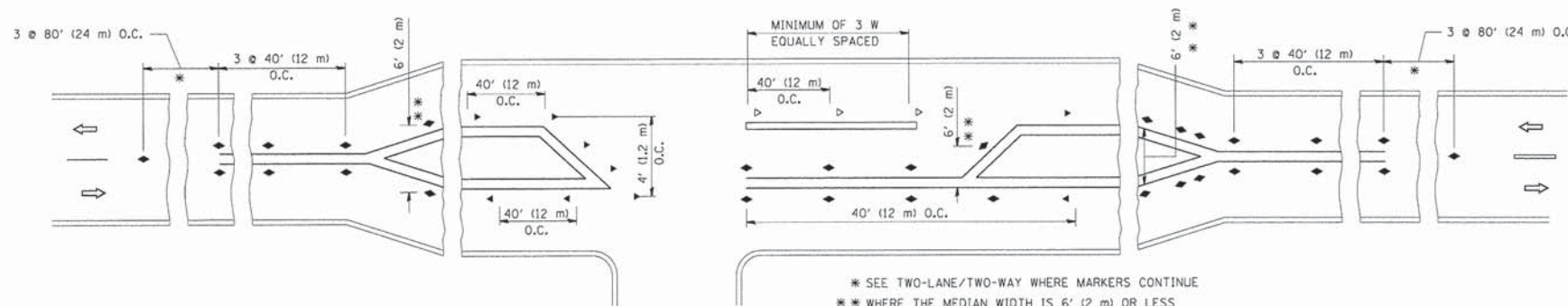
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.

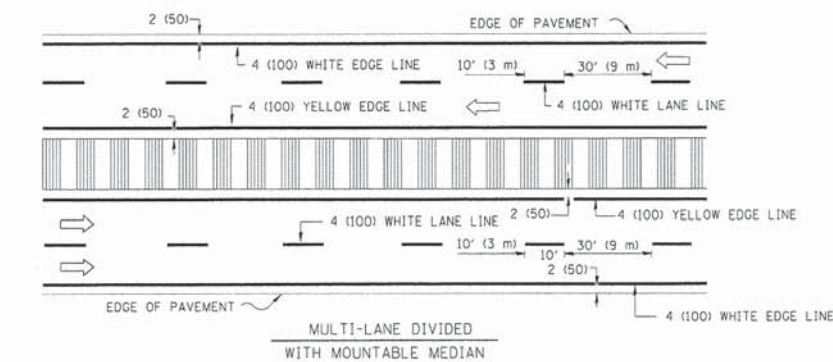
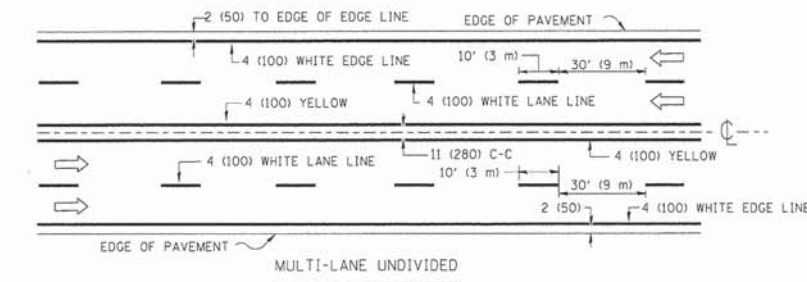
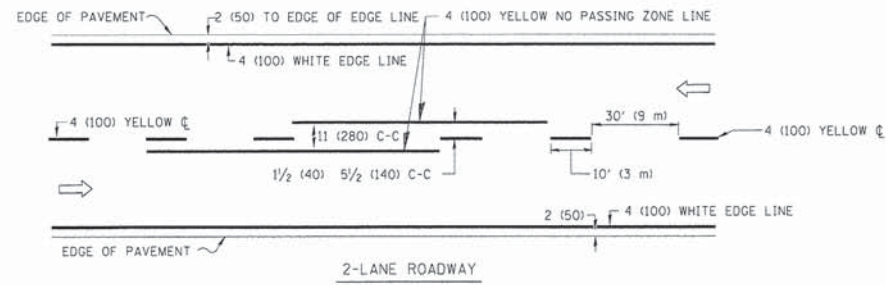


LEFT TURN

\* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE  
 \*\* WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

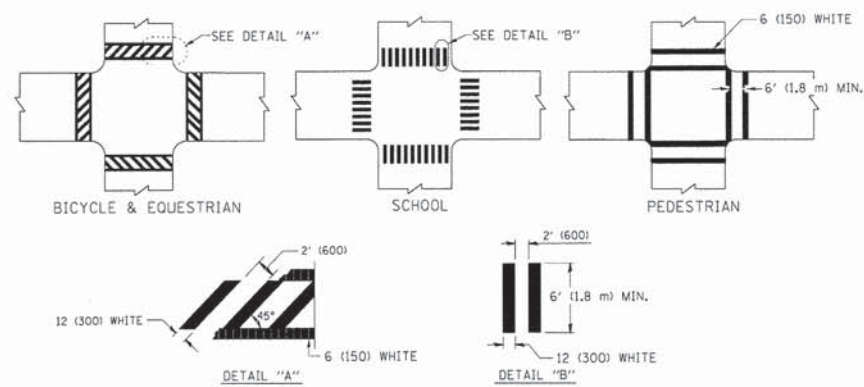
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME = 01\pw_work\p1dot\1eysa\d0108315\te11.dgn	USER NAME = 1eysa	DESIGNED -	REVISED - T. RAMMACHER 09-19-94	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)</b>			CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 50.000' / IN.	DRAWN -	REVISED - T. RAMMACHER 03-12-99		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	10	08-00378-00-CH	KANE	49	34
	PLOT DATE = 3/2/2011	CHECKED -	REVISED - T. RAMMACHER 01-06-00						<b>TC-11</b>		CONTRACT NO. 63891		
		DATE -	REVISED - C. JUCIUS 09-09-09						FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				

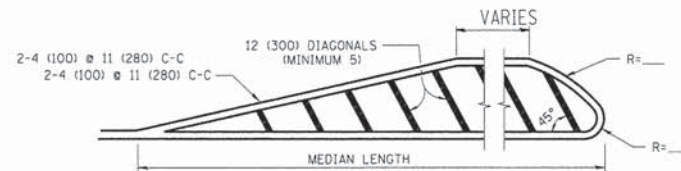
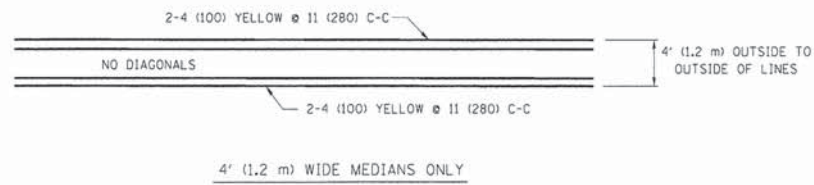


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING



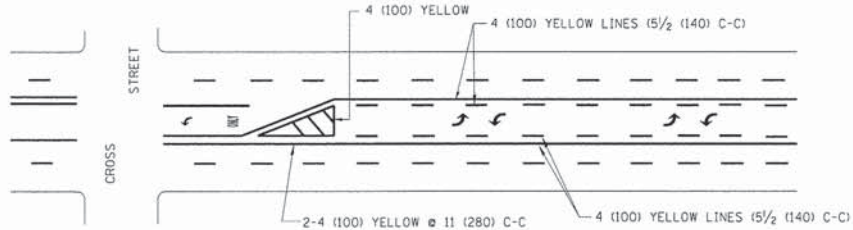
TYPICAL CROSSWALK MARKING



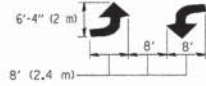
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

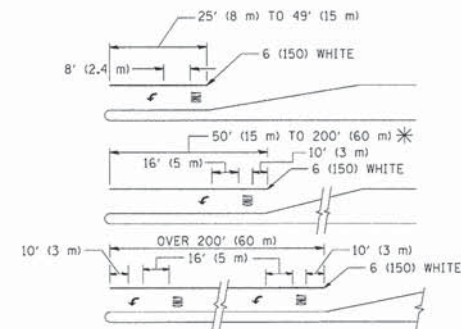


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

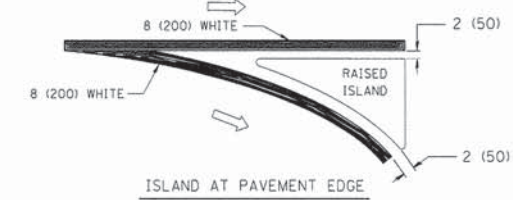
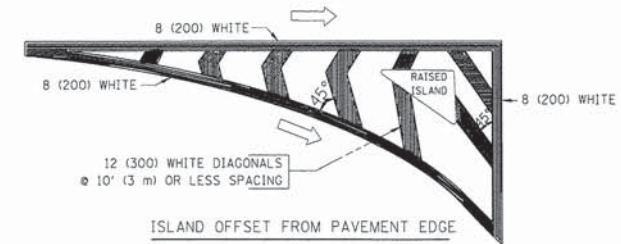


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)

\* 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

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 1/2 (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 MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
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 1/2 (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	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))

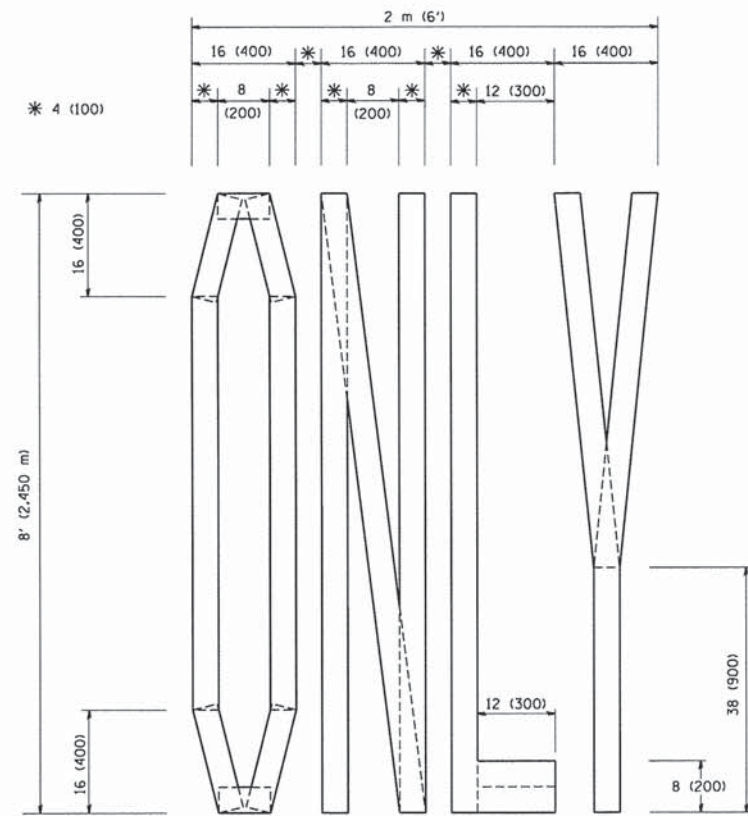
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

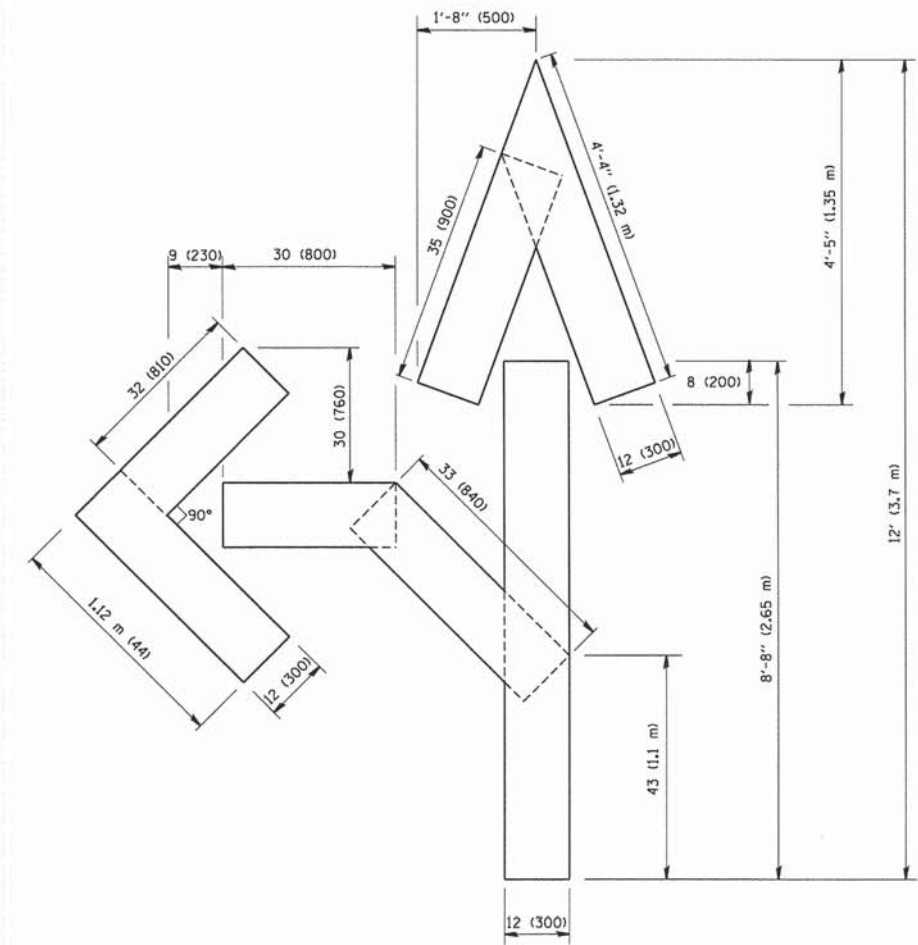
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	PLOT SCALE = 50.000' / 1"	CHECKED -	REVISED -
	PLOT DATE = 9/9/2009	DATE - 03-19-90	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

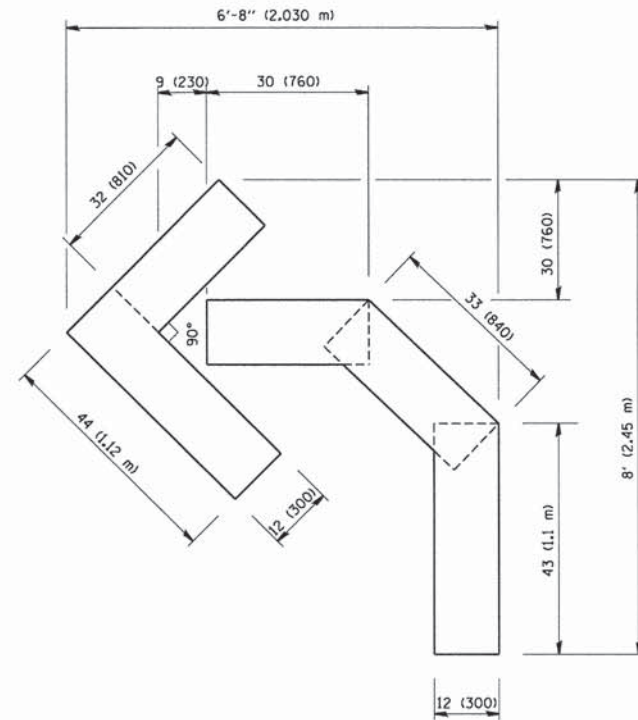
DISTRICT ONE		CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS		10	08-00378-00-CH	KANE	49	35
SCALE: NONE		SHEET NO. 1 OF 1 SHEETS		STA.	TO STA.	
		TC-13		CONTRACT NO. 63891		
		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



QUANTITY  
 4 (100) LINE = 64.1 ft. (19.7 m)  
 21.1 sq. ft. (1.97 sq. m)



QUANTITY  
 4 (100) LINE = 82.5 ft. (25.3 m)  
 27.5 sq. ft. (2.53 sq. m)



QUANTITY  
 4 (100) LINE = 45.5 ft. (13.9 m)  
 15.2 sq. ft. (1.39 sq. m)

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

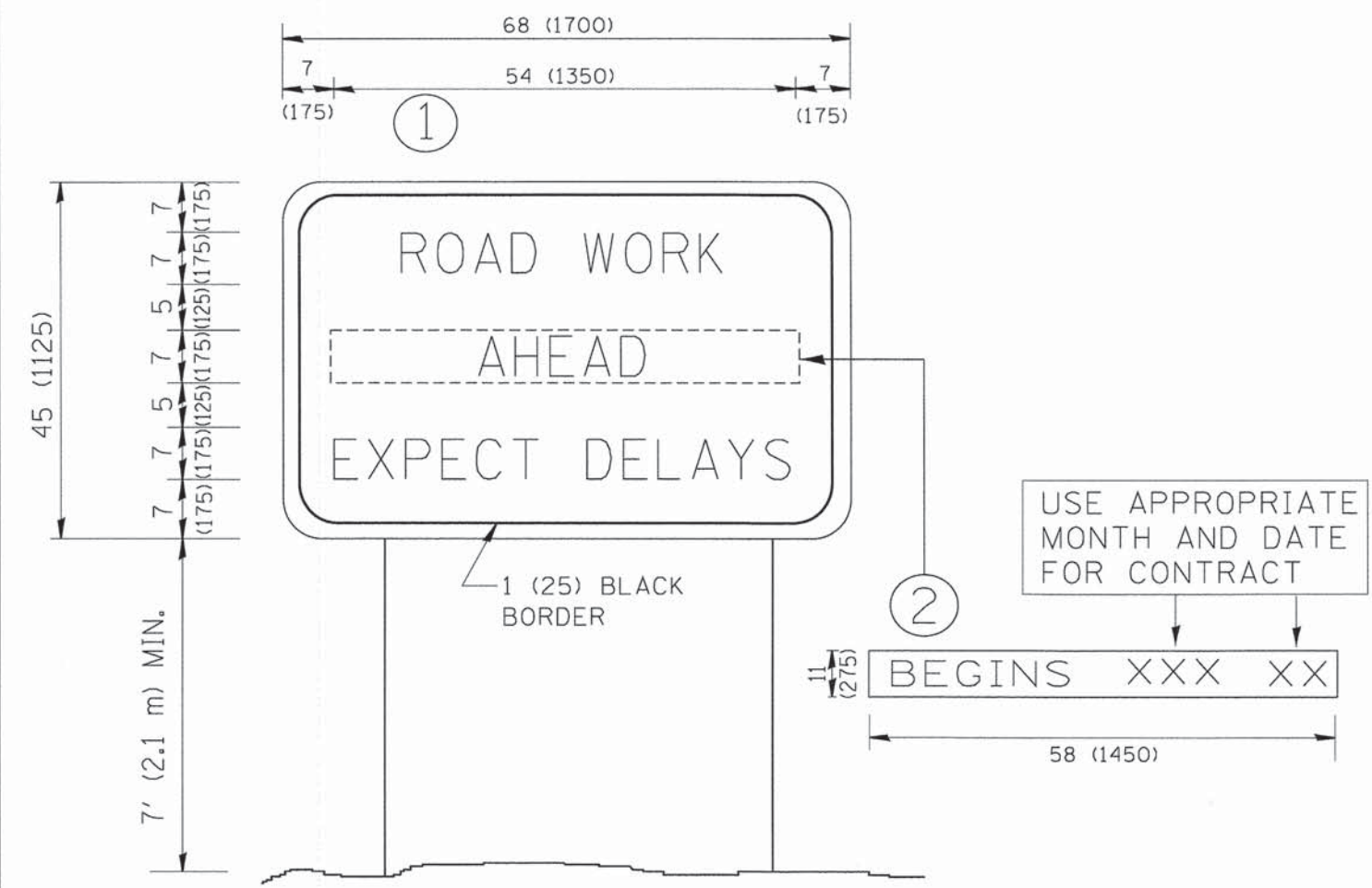
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		DRAWN -	REVISED -T, RAMMACHER 11-04-97
		CHECKED -	REVISED -T, RAMMACHER 03-02-98
		DATE - 09-18-94	REVISED -E, GOMEZ 08-28-00

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING LETTERS AND SYMBOLS  
 FOR TRAFFIC STAGING

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

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	08-00378-00-CH	KANE	49	36
TC-16			CONTRACT NO. 63891	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



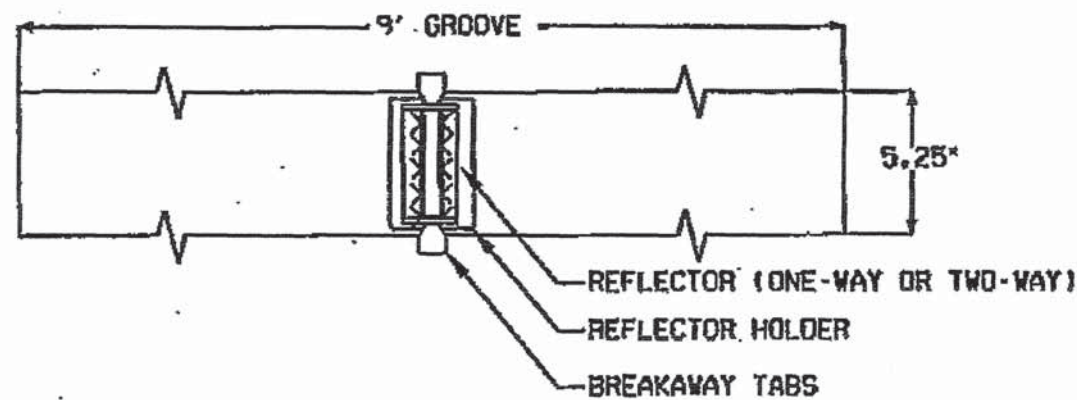
**NOTES:**

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

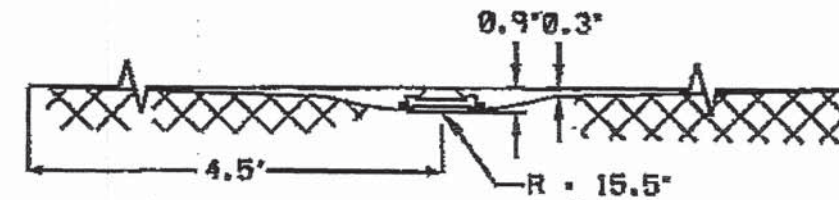
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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		DRAWN -	REVISED - R. MIRS 12-11-97		10	08-00378-00-CH	KANE	49	37			
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99		TC-22			CONTRACT NO. 63891				
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

# TYPICAL RECESSED REFLECTIVE PAVEMENT MARKERS



**PLAN**



**ELEVATION**

**NOTES**

1. SAW CUT TO DIMENSIONS SHOWN
2. SAW CUT AREAS ARE TO BE DRY AND FREE OF MATERIAL THAT ADVERSELY AFFECTS THE ADHESIVE BOND.
3. INSTALL THE REFLECTOR WITH AN APPROVED TWO-COMPONENT EPOXY ADHESIVE. EPOXY SHOULD NOT OBSCURE OR BLOCK THE LENS.
4. REFLECTOR SHALL BE 3M SERIES 190 OR ENGINEERING APPROVED EQUIVALENT.
5. THE REFLECTOR HOLDER SHALL BE MARKERONE SERIES R100 REFLECTOR HOLDER OR ENGINEER APPROVED EQUIVALENT.
6. FOR 1-WAY MARKERS HEADING UPHILL, UPHILL GRIND TAPER MAY BE OMITTED.

PAGE  
**1**  
OF 2

Typical  
Recessed Reflective  
Pavement Markers

Standard KC781001-04

Rev. 11/15/2008

FILE NAME = P:\02-2008-001-KDOT Main et Nelson Lake P2\Design\CADD\Sheets\38-KDOT-MAINL-shr-countydecal.dgn  
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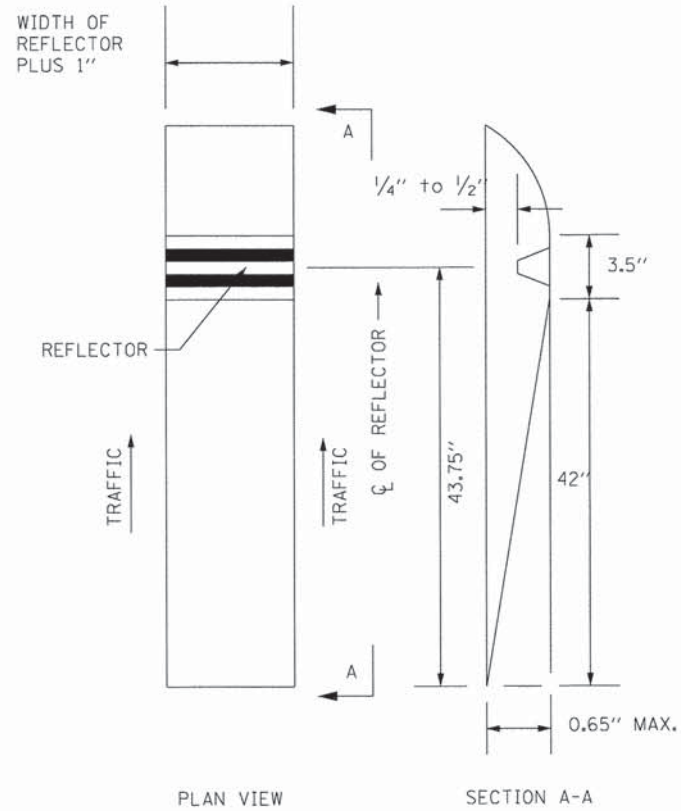


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PLOT DATE = 12/15/2014	CHECKED -	REVISED -
	DATE -	REVISED -

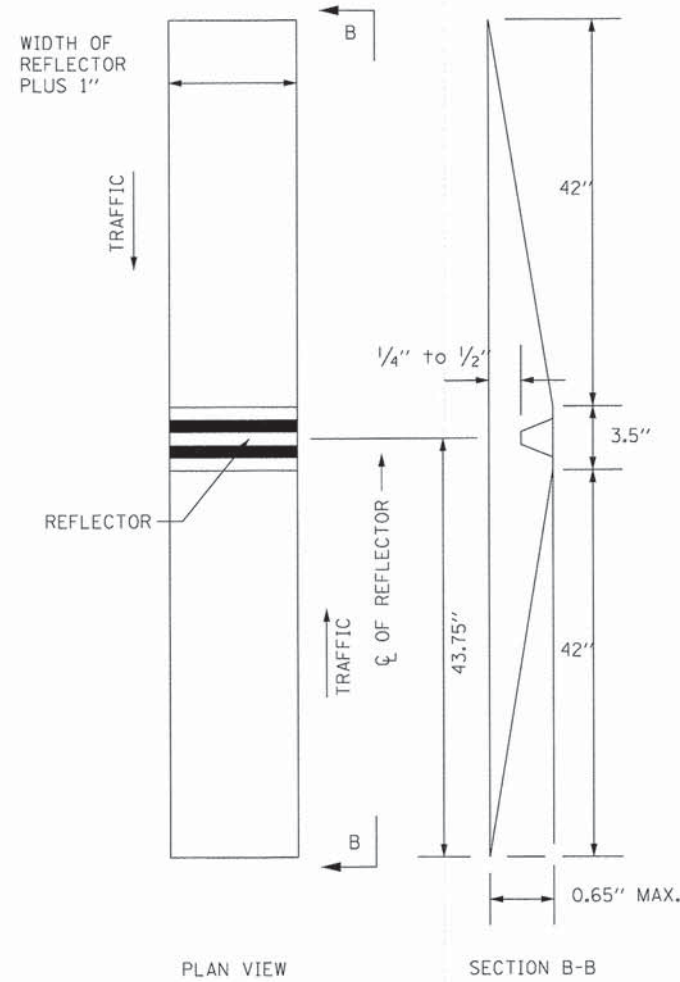
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

KANE COUNTY DETAILS			
RECESSED REFLECTIVE PAVEMENT MARKERS			
SCALE: N/A	SHEET 1	OF 2 SHEETS	STA. TO STA.

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	08-00378-00-CH	KANE	49	38
CONTRACT NO. 63891				
ILLINOIS FED. AID PROJECT				



ONE-WAY RECESSED REFLECTIVE PAVEMENT MARKER



TWO-WAY RECESSED REFLECTIVE PAVEMENT MARKER

INSTALLATION NOTES:

1. SAWCUT TO DIMENSIONS SHOWN.
2. SAWCUT AREAS TO BE DRY AND FREE OF MATERIAL THAT ADVERSELY AFFECTS THE ADHESIVE BOND.
3. INSTALL THE REFLECTOR WITH AN APPROVED TWO-COMPONENT EPOXY ADHESIVE. EPOXY SHOULD NOT OBSCURE OR BLOCK THE LENS.
4. INSTALL TOP OF REFLECTOR  $\frac{1}{2}$ " TO  $\frac{1}{4}$ " BELOW THE PAVEMENT SURFACE.

GENERAL NOTES:

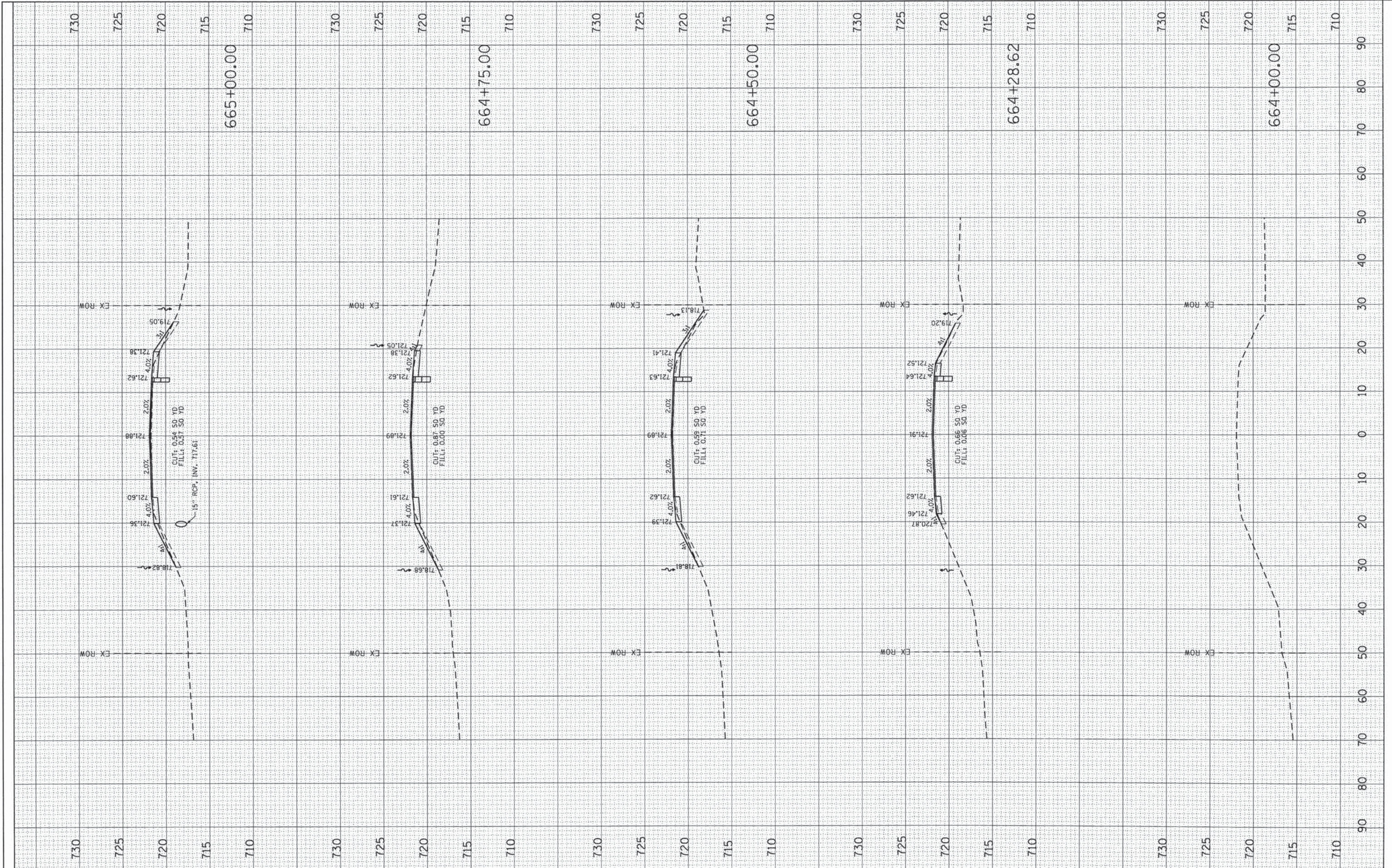
1. INSTALLATION SHALL CONFORM TO THE LATEST VERSION OF DISTRICT ONE DETAIL TC-11 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTENT) FOR MARKER PLACEMENT ONLY.
2. ANY REFERENCE TO RAISED REFLECTIVE PAVEMENT MARKER IN DISTRICT ONE DETAIL TC-11 SHALL BE INTERPRETED TO MEAN RECESSED REFLECTIVE PAVEMENT MARKERS.

FILE NAME : P:\B2\_286.001\_KDOT\_Main at Nelson Lake P2\Design\CADD\Sheets\39-KDOT-MAINL-INT-COUNTYDETAIL.dgn  
 Default

SEB, LLC 3041 WOODCREEK DR, SUITE 211 DOWNERS GROVE, IL 60515	USER NAME = SJahson	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>KANE COUNTY DETAILS</b> <b>RECESSED REFLECTIVE PAVEMENT MARKERS</b>				CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 100.00 FT / in.	DRAWN -	REVISED -		SCALE: N/A	SHEET 2	OF 2 SHEETS	STA.	TO STA.	10	08-00378-00-CH	KANE	49	39
	PLOT DATE = 12/12/2014	CHECKED -	REVISED -						CONTRACT NO. 63891			[ILLINOIS] FED. AID PROJECT		
	DATE -	REVISED -												

ORIGINAL SURVEY	BY	DATE
SURVEYED		
TOPPED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NO.		

FINAL SURVEY	BY	DATE
SURVEYED		
TOPPED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NO.		



USER NAME = S.Johnson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED -	REVISED -
PLOT DATE = 12/12/2014	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>COUNTY HIGHWAY 10 (MAIN STREET) CROSS SECTIONS</b>		
SCALE:	SHEET 1 OF 9 SHEETS	STA. 664+00.00 TO STA. 665+00.00

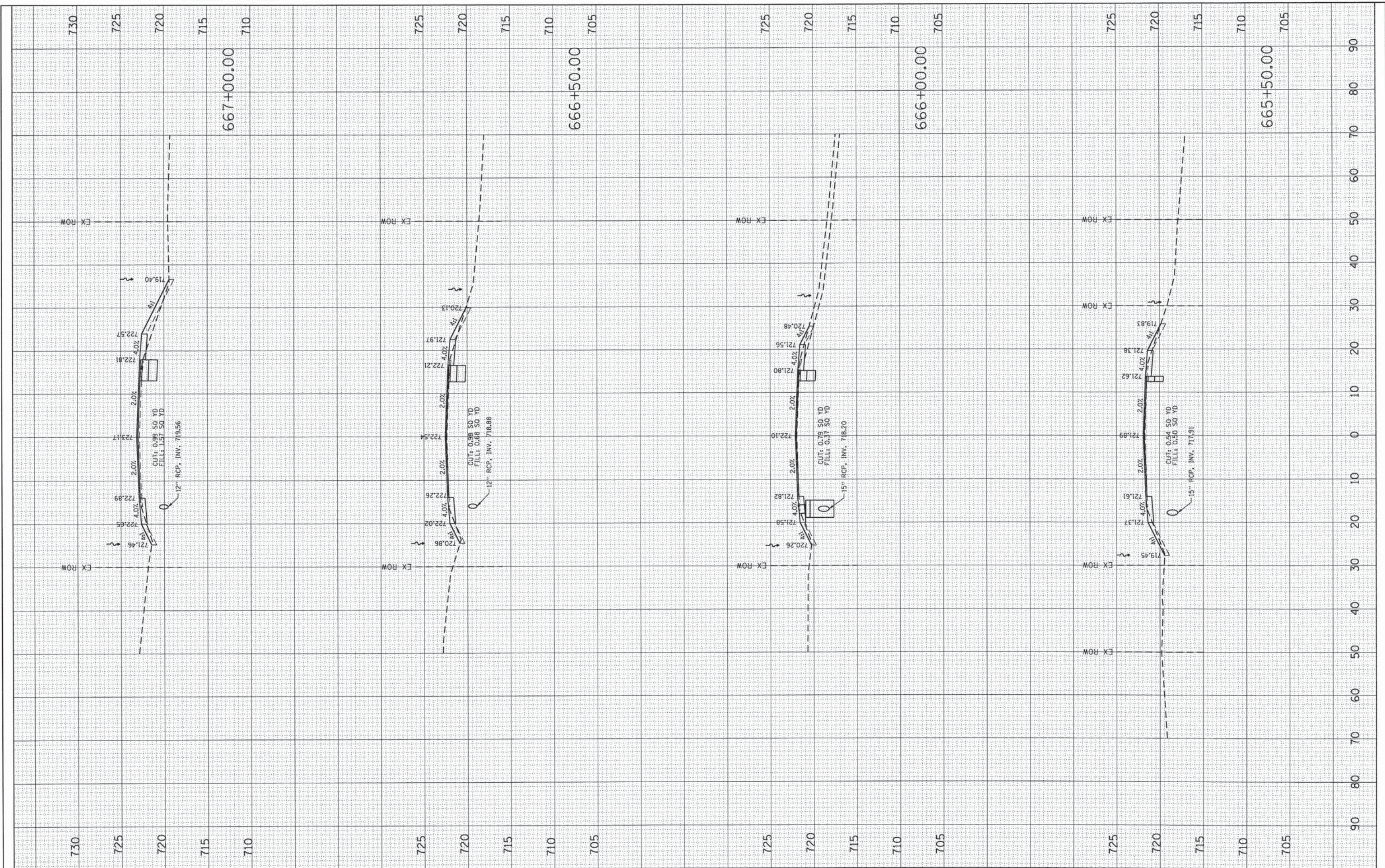
CH 10	SECTION 08-00378-00-CH	COUNTY KANE	TOTAL SHEETS 49	SHEET NO. 40
CONTRACT NO. 63891			ILLINOIS FED. AID PROJECT	



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

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

FILE NAME = F:\02\_288\_001\_KDOT\_Main et Nelson Lake P2\Design\CADD\Sheets\48-KDOT-MAINL-sht-ssd.dgn  
 Default



**SES** SES, LLC  
 5200 MAIN STREET, SUITE 240  
 DORNERS GROVE, IL 60515

USER NAME = SJohnson	DESIGNED -	REVISED -
PLOT SCALE = 20.00' / in.	DRAWN -	REVISED -
PLOT DATE = 12/12/2014	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 10 (MAIN STREET)  
 CROSS SECTIONS**

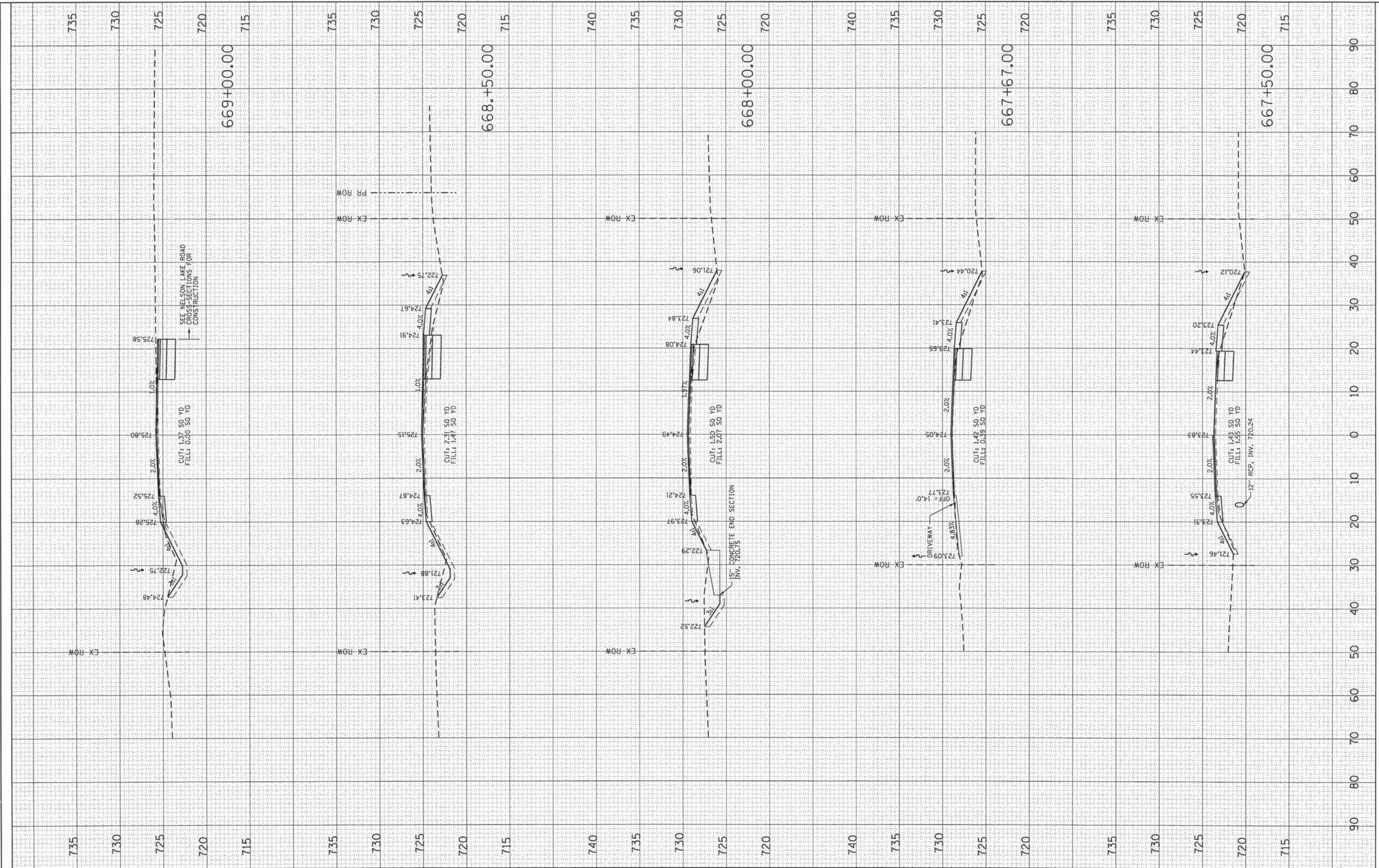
SCALE: SHEET 2 OF 9 SHEETS STA. 665+50.00 TO STA. 667+00.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	08-00378-00-CH	KANE	49	41
CONTRACT NO. 63891			ILLINOIS FED. AID PROJECT	

FILE NAME = P:\92-288-001-KDOT Main at Nelson Lake P2\Design\CADD\Sheets\48-KDOT-MAIN\sh-t-wsc.dgn

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

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



**SE3** SE3, LLC  
5200 MAIN STREET, SUITE 240  
DOWNERS GROVE, IL 60515

USER NAME = SJohnson	DESIGNED -	REVISED -
PLOT SCALE = 20.00' / 1"	DRAWN -	REVISED -
PLOT DATE = 12/29/2014	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 10 (MAIN STREET)  
CROSS SECTIONS**

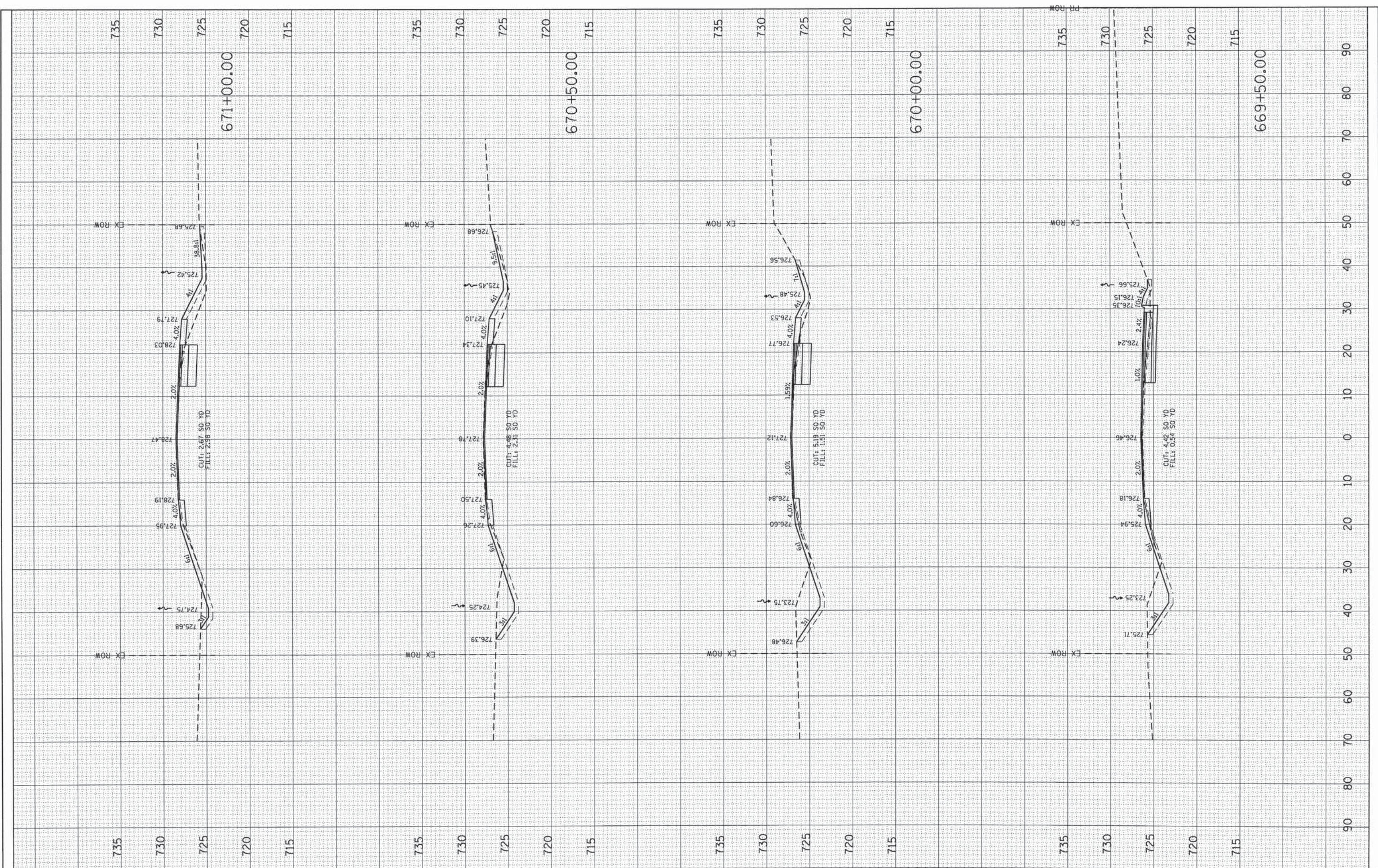
SCALE: SHEET 3 OF 9 SHEETS STA. 667+50.00 TO STA. 669+00.00

CH 10	SECTION 08-00378-00-CH	COUNTY KANE	TOTAL SHEETS 49	SHEET NO. 42
CONTRACT NO. 63891			ILLINOIS FED. AID PROJECT	

FILE NAME = P:\02\_208-001-KDOT Main at Nelson Lake P2\Design\CADD\Sheets\48-KDOT-MAINL-sht-ssd.dgn

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

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



**SE3** SE3, LLC  
5200 MAIN STREET, SUITE 240  
DOWNERS GROVE, IL 60515

USER NAME = SJohnson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED -	REVISED -
PLOT DATE = 12/12/2014	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 10 (MAIN STREET)  
CROSS SECTIONS**

SCALE: SHEET 4 OF 9 SHEETS STA. 669+50.00 TO STA. 671+00.00

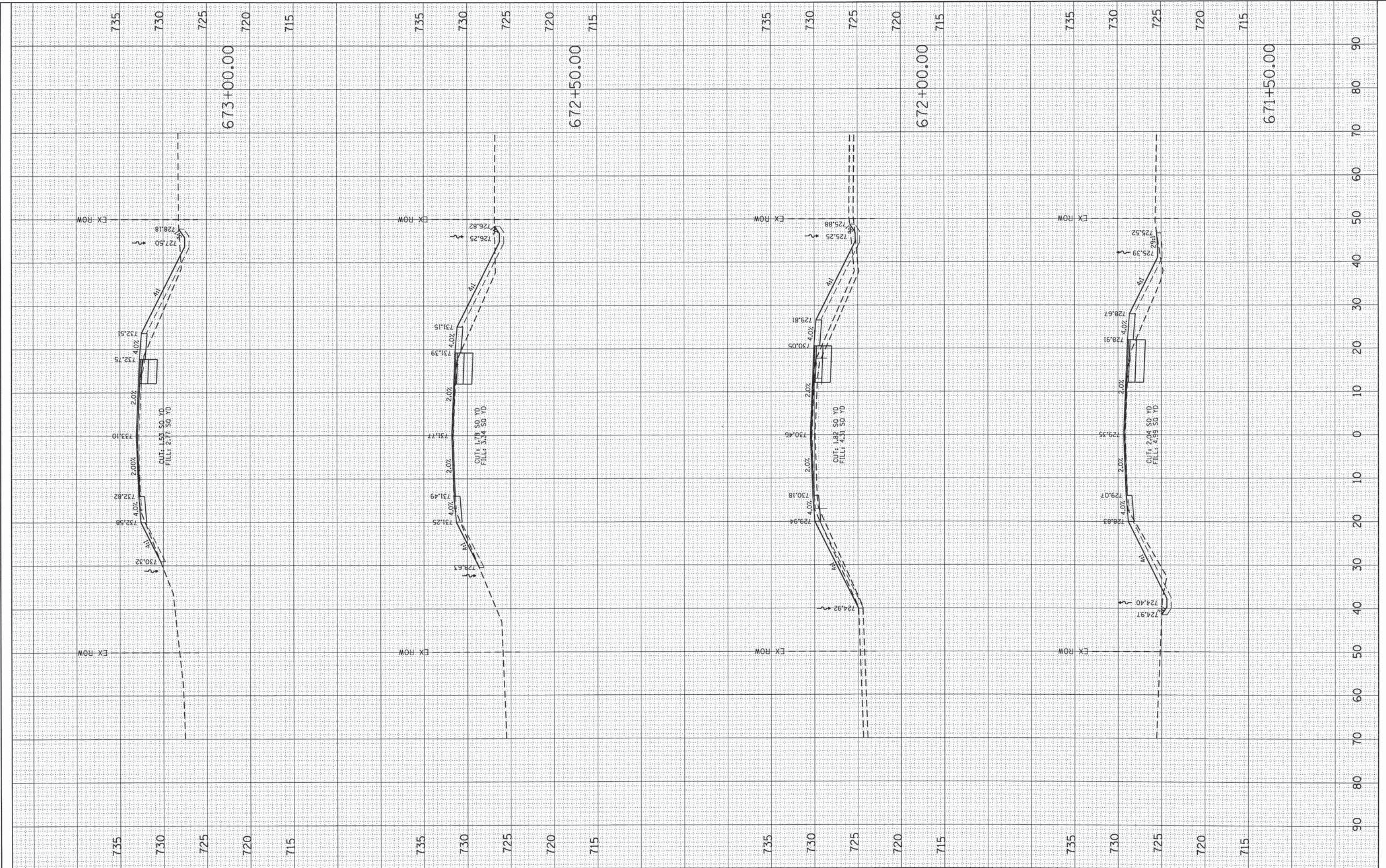
CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	08-00378-00-CH	KANE	49	43
CONTRACT NO. 63891			ILLINOIS FED. AID PROJECT	

ORIGINAL SURVEY	BY	DATE
NOTE BOOK		
AREAS CHECKED		
NO.		

FINAL SURVEY	BY	DATE
NOTE BOOK		
AREAS CHECKED		
NO.		

FILE NAME = F:\22\_208\_081\_KDOT\_Main at Nelson Lake P2\Design\CADD\Sherets\40-KDOT-MAINL-1st-rsc.dgn

Default



**SED** SE3, LLC  
3200 MAIN STREET, SUITE 240  
DORMERS GROVE, IL 60915

USER NAME = SJohnson
DESIGNED -
DRAWN -
CHECKED -
DATE -
PLLOT SCALE = 20.00' / 1" =
PLLOT DATE = 12/12/2014

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

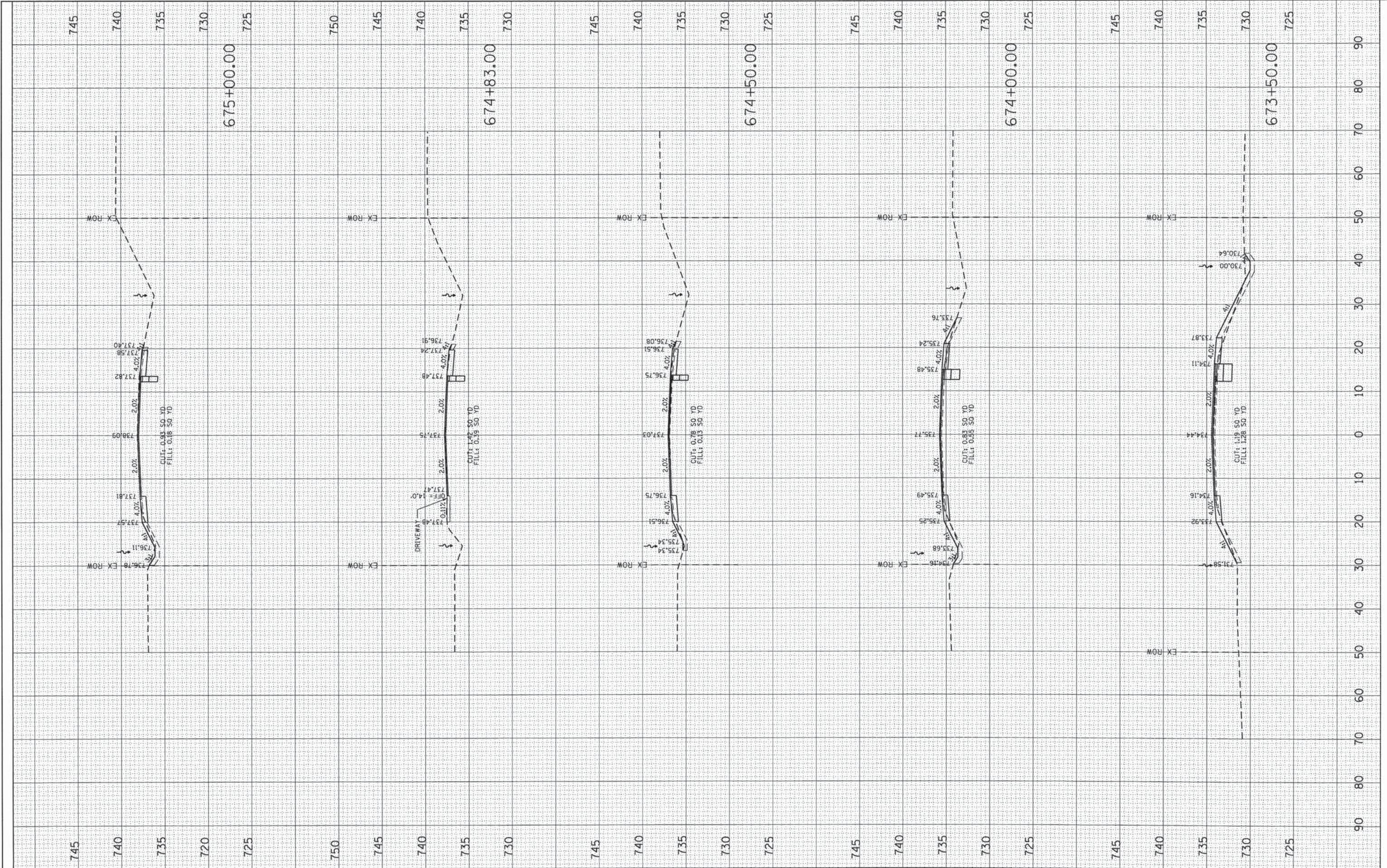
**COUNTY HIGHWAY 10 (MAIN STREET)  
CROSS SECTIONS**

SCALE: SHEET 5 OF 9 SHEETS STA. 671+50.00 TO STA. 673+00.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	08-00378-00-CH	KANE	49	44
CONTRACT NO. 63891			ILLINOIS FED. AID PROJECT	

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

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



**SED** SE3, LLC  
 5200 MAIN STREET, SUITE 240  
 DOWNERS GROVE, IL 60515

USER NAME = SJohnson	DESIGNED -	REVISED -
PLLOT SCALE = 20.00' / 1"	DRAWN -	REVISED -
PLLOT DATE = 12/12/2014	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

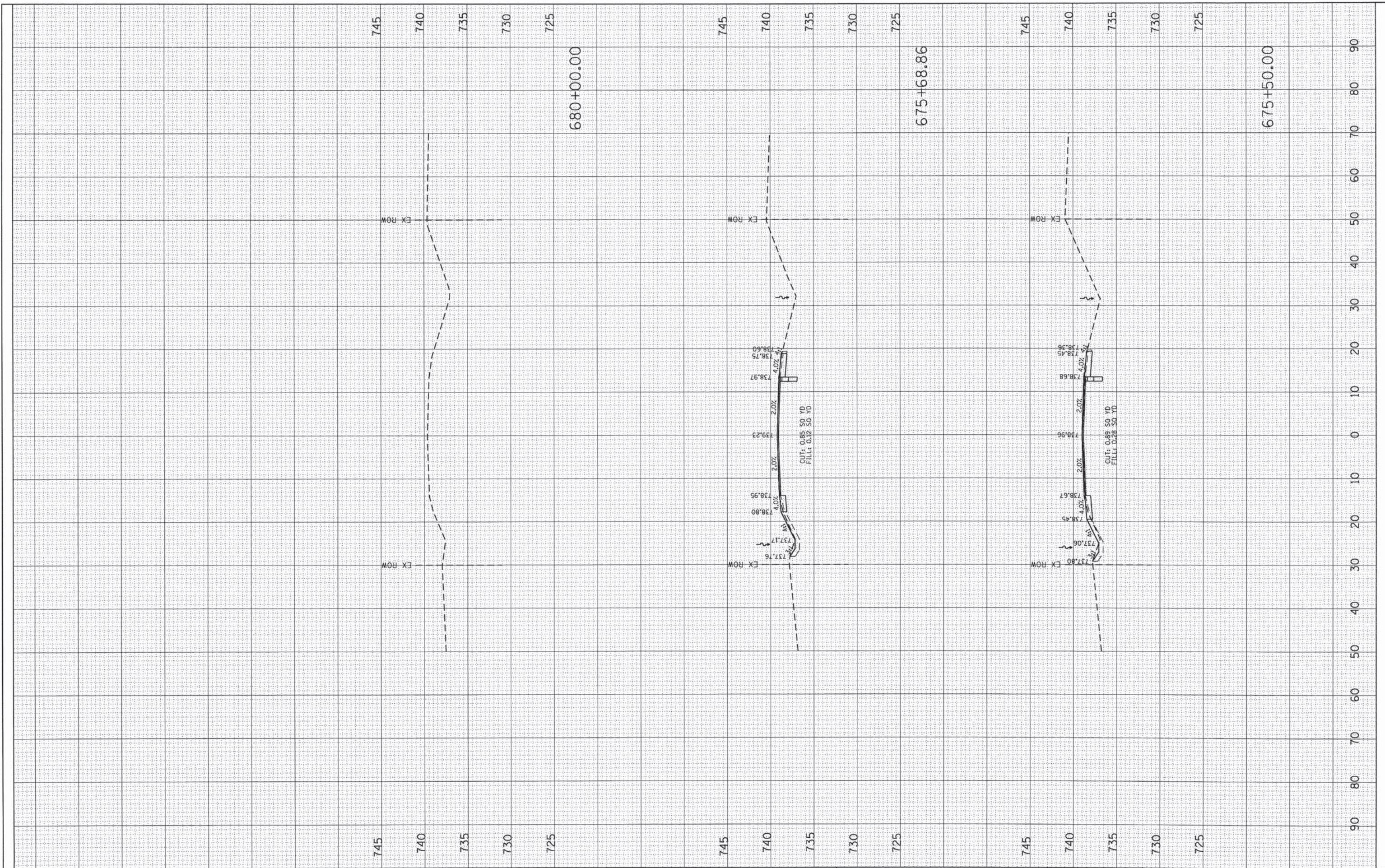
<b>COUNTY HIGHWAY 10 (MAIN STREET) CROSS SECTIONS</b>	
SCALE:	SHEET 6 OF 9 SHEETS STA. 673+50.00 TO STA. 675+00.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	08-00378-00-CH	KANE	49	45
CONTRACT NO. 63891			ILLINOIS FED. AID PROJECT	

FILE NAME = F:\02\_208\_001\_KDOT Main at Nelson Lake P2\_Design\CADD\Sheets\40-KDOT-H61NNL-shr-xsc.dgn  
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ORIGINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
NO.		
AREAS CHECKED		
AREAS		
TEMPLATE		
NO.		

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



**SEA** SE3, LLC  
 5200 MAIN STREET, SUITE 240  
 DOWNERS GROVE, IL 60515

USER NAME = SJohnson
DESIGNED -
DRAWN -
CHECKED -
DATE -
PLLOT SCALE = 20.00' / 1"v
PLLOT DATE = 12/12/2014

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 10 (MAIN STREET)  
 CROSS SECTIONS**

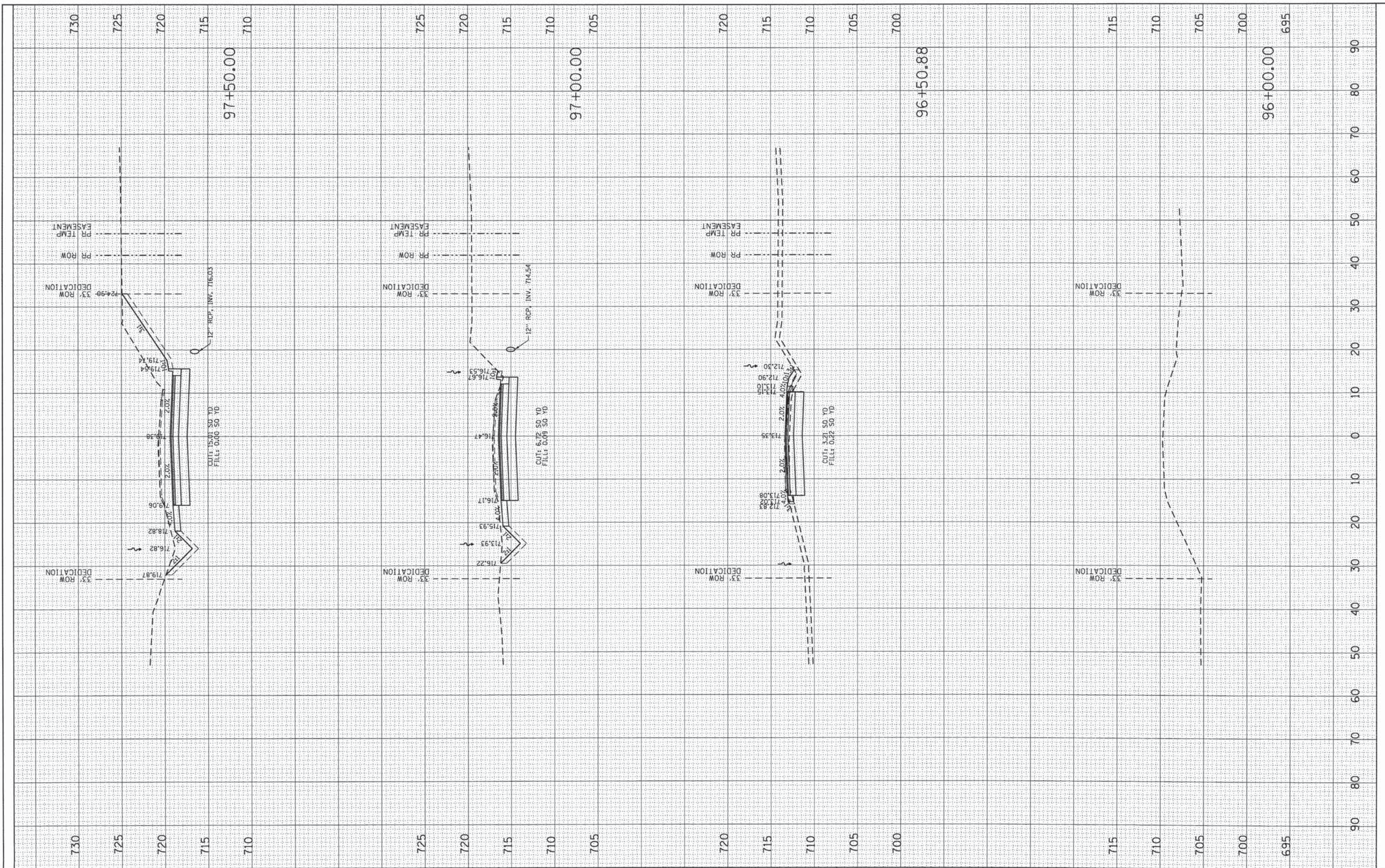
SCALE: SHEET 7 OF 9 SHEETS STA. 676+50.00 TO STA. 680+00.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	08-00378-00-CH	KANE	49	46
CONTRACT NO. 63891			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	DATE
SURVEYED	BY
NOTE BOOK	
NO.	

ORIGINAL SURVEY	DATE
SURVEYED	BY
NOTE BOOK	
NO.	

FILE NAME = F:\22-208-081-KDOT Main at Nelson Lake P2\Design\CADD\Sheets\48-KDOT-M61NNL-3ht-rs0.dgn  
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USER NAME = SJohnson  
 DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -  
 PLOT SCALE = 20.00' / 1" / in.  
 PLOT DATE = 12/12/2014

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

NELSON LAKE ROAD  
 CROSS SECTIONS

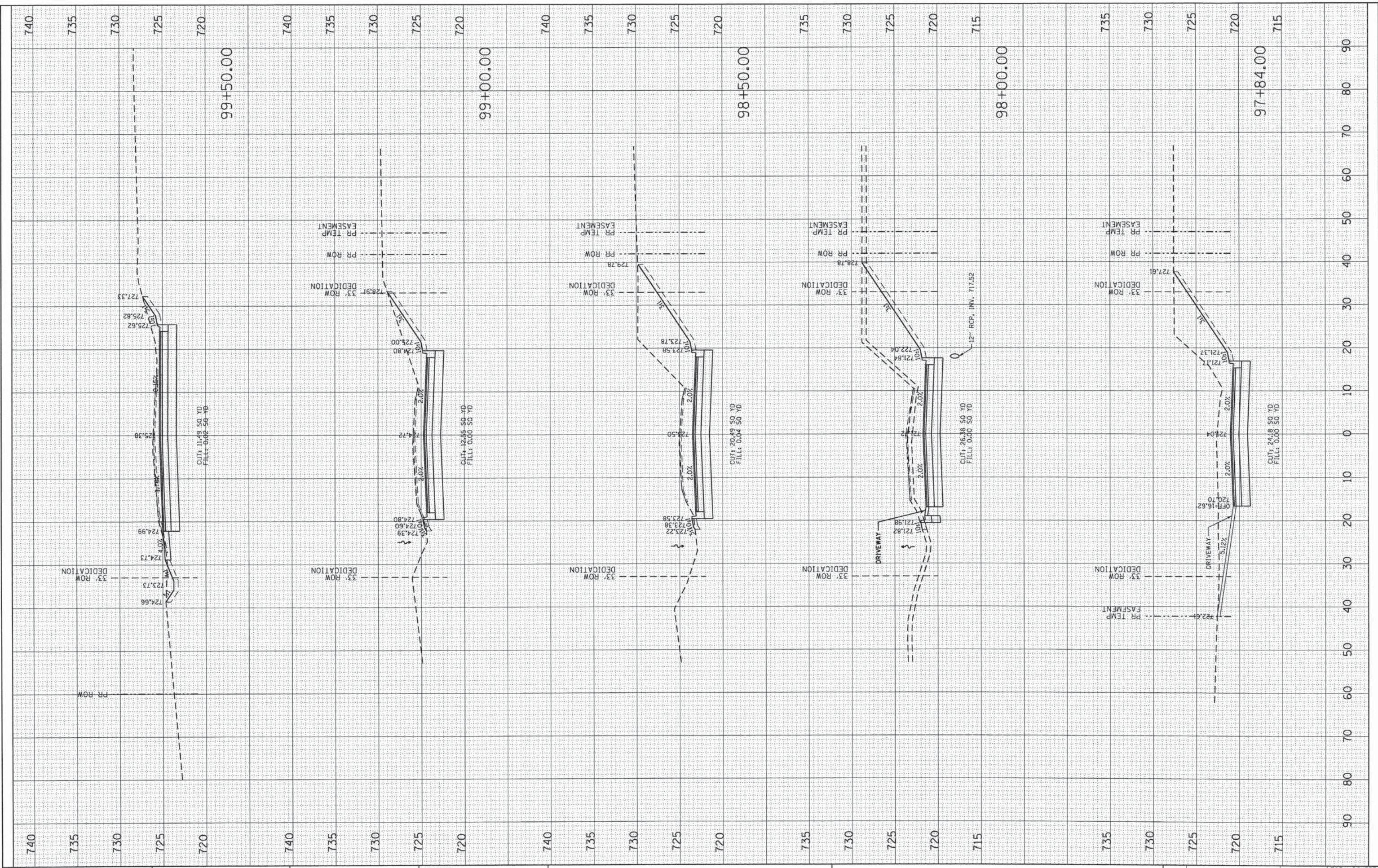
SCALE: SHEET 8 OF 9 SHEETS STA. 96+00.00 TO STA. 97+50.00

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	08-00378-00-CH	KANE	49	47
CONTRACT NO. 63891			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	SUBMITTED	BY	DATE
NOTE BOOK NO.	FLIPPED		
	AREAS		
	CHECKED		

ORIGINAL SURVEY	SUBMITTED	BY	DATE
NOTE BOOK NO.	TEMPLATE		
	AREAS		
	CHECKED		

FILE NAME = P:\02\_208\_001\_KDOT Main et Nelson Lake P2\Design\CADD\Sheets\48-KDOT-MAINL-shit-ssc.dgn  
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**SEC** SEI, LLC  
 5200 MAIN STREET, SUITE 240  
 DOWNERS GROVE, IL 60515

USER NAME = SJohnson  
 DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -  
 PLOT SCALE = 20.00' / in.  
 PLOT DATE = 12/12/2014

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**NELSON LAKE ROAD  
 CROSS SECTIONS**  
 SCALE: SHEET 9 OF 9 SHEETS STA. 98+00.00 TO STA. 99+50.00

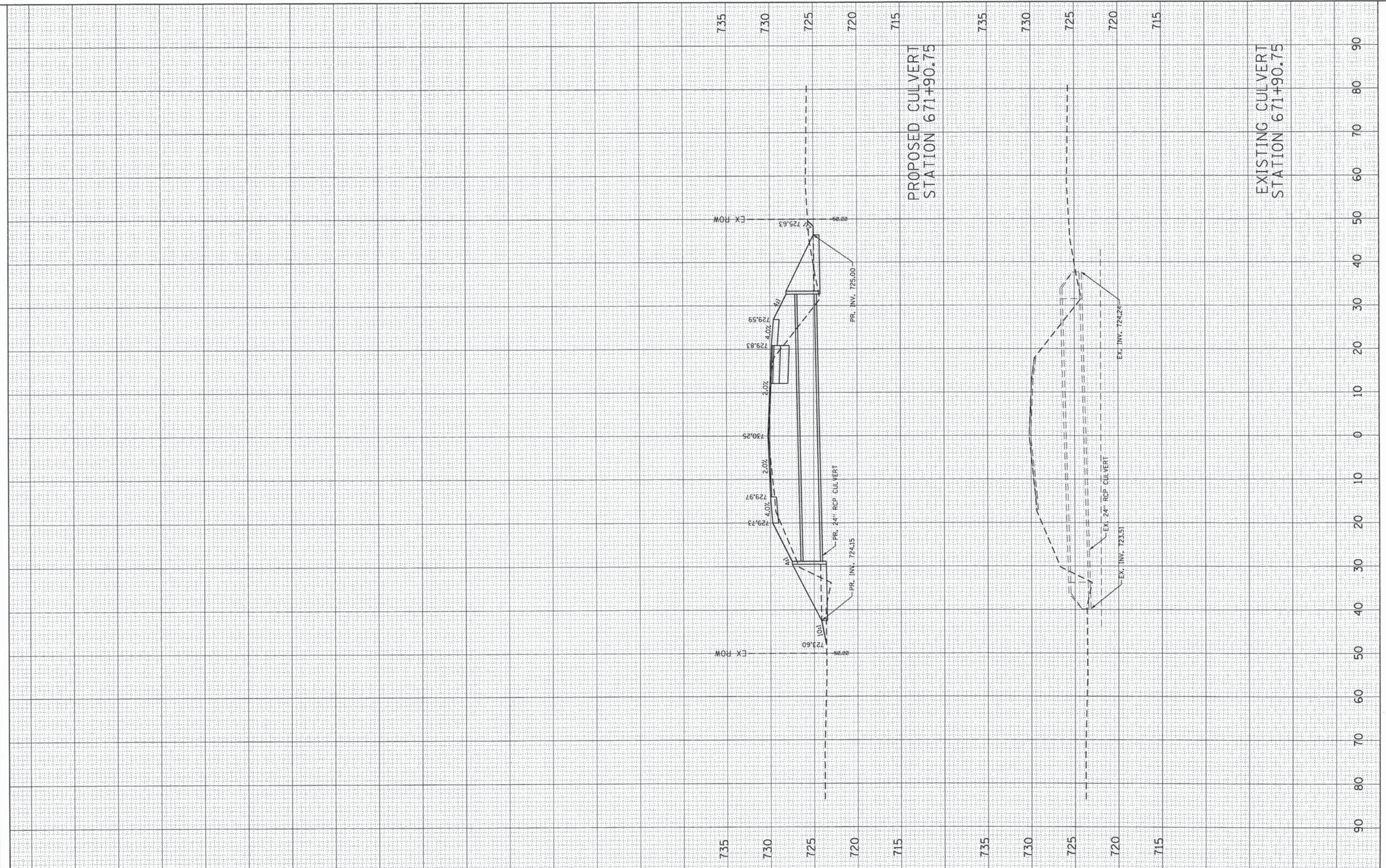
CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	08-00378-00-CH	KANE	49	48
			CONTRACT NO. 63891	
ILLINOIS FED. AID PROJECT				



FILE NAME = PA\02-288-001-KDOT Main at Nelson Lake P2\Design\CADD\Sheets\49-KDOT-MAINL-sh1-xsc.dgn  
 Default

ORIGINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK NO.		
AREAS CHECKED		

FINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK NO.		
AREAS CHECKED		



**SES** SES, LLC  
 5200 MAIN STREET, SUITE 240  
 DOWNERS GROVE, IL 60515

USER NAME = S.Johnson	DESIGNED -	REVISED -
PLOT SCALE = 20.00' / in.	DRAWN -	REVISED -
PLOT DATE = 12/12/2014	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EXISTING & PROPOSED CULVERT  
 STATION 671+90.75**

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

CH 10	SECTION 08-00378-00-CH	COUNTY KANE	TOTAL SHEETS 49	SHEET NO. 49
CONTRACT NO. 63891			ILLINOIS FED. AID PROJECT	