

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
360	08-00377-00-CH	KANE	40	1
ILLINOIS CONTRACT NO. 63744				



LOCATION OF SECTION INDICATED THUS: - -

P.E. SEAL
H.W. LOCHNER, INC.
225 W. WASHINGTON ST., 12TH FLOOR
CHICAGO, IL 60606
(312) 372-3011 FAX: (312) 372-5974

Michael G. Zorn
SIGNED 5/28/14
DATE

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AUTHORITY OF
THE STATE OF
ILLINOIS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED S-29 2014

KANE COUNTY ENGINEER

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PASSED S-30/NOV 3 2014

DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW June 2 2014

DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

01-30-15 LETTING ITEM 020

DESIGN DESIGNATION
KIRK ROAD = OTHER PRINCIPAL ARTERIAL
DOUGLAS ROAD = LOCAL ROAD
TRAFFIC VOLUME = 2030 (2008)
ADT 38,000 (32,500) SOUTH ON KIRK ROAD
ADT 37,000 (31,100) NORTH ON KIRK ROAD
ADT 3,000 (2,100) WEST ON DOUGLAS ROAD
POSTED SPEED LIMIT =
45 MPH NORTH ON KIRK ROAD
45 MPH SOUTH ON KIRK ROAD
30 MPH WEST ON DOUGLAS ROAD

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

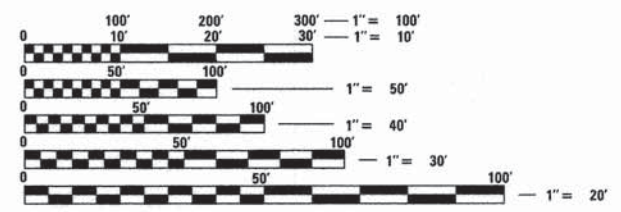
**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

FAP 360 (CH 77-KIRK ROAD) AT DOUGLAS ROAD
INTERSECTION IMPROVEMENT
SECTION 08-00377-00-CH
PROJECT CMM-9003(137)
KANE COUNTY
C-91-164-09

END PROJECT
STA 108+14.14



THIS PROJECT IS LOCATED
IN THE VILLAGE OF BATAVIA



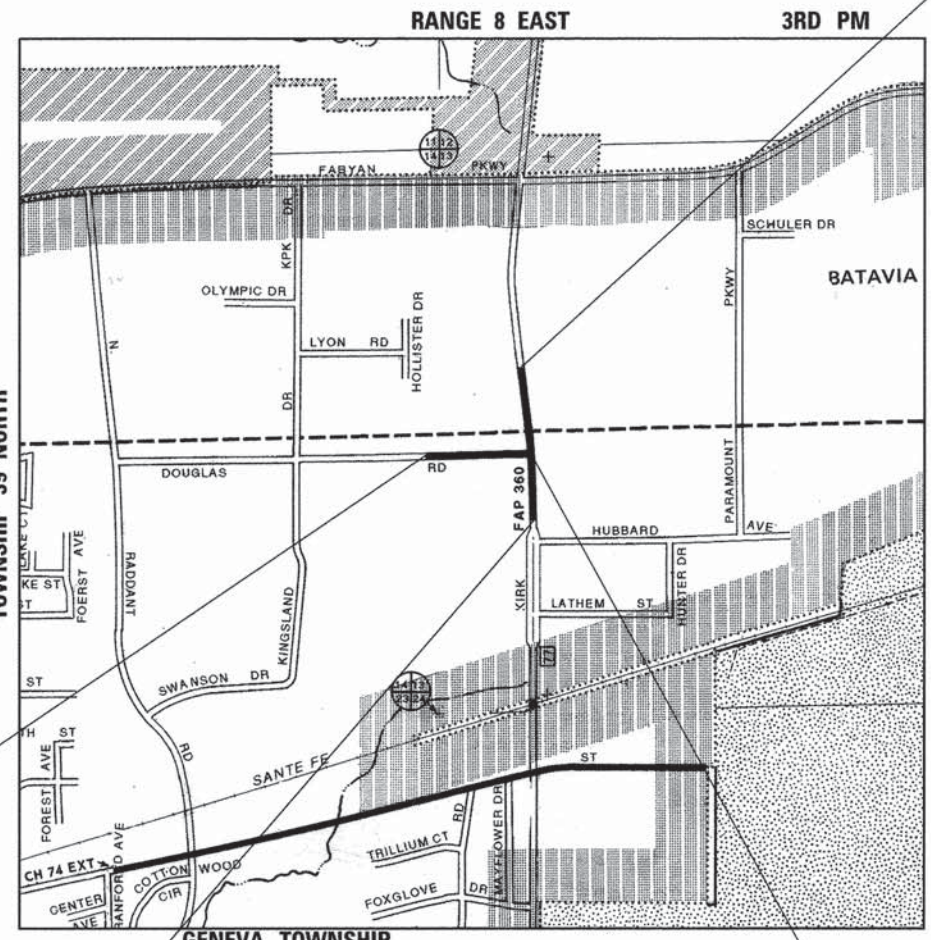
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT LIMITS
STA 45+29.30

BEGIN PROJECT
STA 93+57.00

Q INTERSECTION
STA 50+00.00



LOCATION MAP
SCALE 1" = 900 FEET

GROSS LENGTH = 1457.14 FEET (0.276 MILE)
NET LENGTH = 1457.14 FEET (0.276 MILE)

FEDERAL AID PROGRAM ENGINEER: FAWAD AQUEEL, P.E. 847-705-4021 SCHAUMBURG, IL

CONTRACT NO. 63744

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

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LIST OF IDOT HIGHWAY STANDARDS

NUMBER	DESCRIPTION
000001-06	STANDARD SYMBOLS ABBREVIATIONS & PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-08	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-02	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424026-01	ENTRANCE/ALLEY PEDESTRIAN CROSSING
442201-03	CLASS C AND D PATCHES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
601001-04	SUB-SURFACE DRAINS
602001-02	CATCH BASIN TYPE A
602011-02	CATCH BASIN TYPE C
602301-04	INLET TYPE A
602306-03	INLET TYPE B
602401-03	MANHOLE TYPE A
602406-06	MANHOLE TYPE A 6' DIAMETER
602601-03	FLAT SLAB TOP, PRECAST REINFORCED CONCRETE
602701-02	MANHOLE STEPS
604011-05	FRAME AND GRATE TYPE 3V
604091-03	FRAME AND GRATE TYPE 24
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, SHORT TIME MOVING OPERATIONS, DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W PAVEMENT WIDENING FOR SPEEDS >= 45 MPH
701426-07	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS >= 45 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701606-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-09	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-04	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
720021-02	SIGN PANELS, EXTRUDED ALUMINUM TYPE
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS, PLANS, AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, AND THE LATEST EDITION OF THE FOLLOWING STATE OF ILLINOIS SPECIFICATIONS: "THE STANDARD SPECIFICATIONS FOR THE ROAD AND BRIDGE CONSTRUCTION" (REFERRED TO AS THE STANDARD SPECIFICATIONS), THE SUPPLEMENTAL STANDARD SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR TRAFFIC CONTROL ITEMS.
- THE LOCATIONS OF UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE ENGINEER DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR SHALL HAVE THE RESPECTIVE UTILITY COMPANIES FIELD LOCATE ALL THEIR FACILITIES PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL ALSO VERIFY THE DEPTHS OF THE EXISTING UTILITIES IF NECESSARY. ANY RELOCATION OR LOWERING OF THE UTILITIES SHALL BE COORDINATED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES INCLUDING THOSE THAT MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE OWNERS, HIS/HER AGENTS OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
- EXISTING ASPHALT SIDEWALK TO REMAIN IN PLACE SHALL BE SAW CUT FULL DEPTH TO PROVIDE A NEAT VERTICAL FACE BETWEEN THE PROPOSED AND EXISTING AND SHALL BE INCLUDED IN THE PRICE OF SIDEWALK PAY ITEMS.
- DURING CONSTRUCTION, THE CONTRACTOR SHALL INSURE POSITIVE SITE DRAINAGE AT THE CONCLUSION OF EACH DAY. ANY LOOSE MATERIAL DEPOSITED ON THE FLOW LINE OF GUTTERS, DRAINAGE STRUCTURES, DITCHES, ETC. SUCH THAT THE NATURAL FLOW LINE OF THE WATER IS OBSTRUCTED, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY BY THE RESPONSIBLE PARTY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS. THIS WORK SHALL BE INCLUDED IN THE COST OF MOBILIZATION.
- SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.
- ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR SHOWN ON THE PLANS SHALL BE REMOVED. ANY DAMAGE TO EXISTING TREES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- TEMPORARY ROADWAY AND SIDEWALK CLOSURES WILL BE PERMITTED ONLY WITH THE ENGINEER'S APPROVAL. REQUESTS FOR CLOSURES MUST BE SUBMITTED TO THE ENGINEER AT LEAST 72 HOURS BEFORE THE CLOSURE. TRAFFIC AND PEDESTRIAN CONTROL SHALL BE IN ACCORDANCE WITH IDOT STANDARDS.
- THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL SAFETY REGULATIONS AS WELL AS THOSE SPECIFIED IN THE CONTRACT PLANS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL COMPLETE CLEAN UP AND RESTORATION OF THE ENTIRE PROJECT AREA AND APPROVED BY THE ENGINEER WITHIN 14 DAYS OF CONTRACT COMPLETION DATE.
- EXISTING CONDITIONS WERE OBTAINED FROM THE BEST AVAILABLE INFORMATION. INFORMATION SHOWN IS NOT GUARANTEED ALL-INCLUSIVE OR CORRECT. THE CONTRACTOR IS TO VERIFY THE EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
- UPON COMPLETION OF THE PROJECT AND ACCEPTANCE BY THE ENGINEER, THE CONTRACTOR WILL SUBMIT ONE SET OF AS-BUILT DRAWINGS TO THE ENGINEER AS INCLUDED IN THE COST OF MOBILIZATION.
- THE REMOVAL OF ALL EXISTING TRAFFIC SIGNS DESIGNATED ON THE PLANS AS WELL AS THE INSTALLATION OF ALL PROPOSED SIGNS SHALL BE PERFORMED BY KDOT. RAY JOHNSON (630) 406-7356. THE CONTRACTOR SHALL CONTACT THE ENGINEER AND KDOT A MINIMUM OF 48 HOURS PRIOR TO THE DESIRED DATE FOR THE REMOVAL/INSTALLATION OF ALL SIGNS.
- THE CONTRACTOR SHALL ENSURE THAT MAILBOXES ALONG THE ROUTE ARE NOT DAMAGED DUE TO CONSTRUCTION ACTIVITIES. MAILBOXES THAT ARE DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES SHALL BE REPLACED IN KIND AT NO EXPENSE TO THE OWNER.
- TEN (10) FEET TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER ITEMS OF WORK TO EXISTING CURBS AND GUTTERS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
- THE OFFSETS TO DRAINAGE STRUCTURES ARE TO THE EDGE OF PAVEMENT. THE RIM ELEVATIONS FOR DRAINAGE STRUCTURES LOCATED WITHIN CURB AND GUTTER ARE AT THE EDGE OF PAVEMENT. THE RIM ELEVATIONS & OFFSETS FOR DRAINAGE STRUCTURES LOCATED OUTSIDE THE CURB AND GUTTER ARE TO THE CENTER OF STRUCTURE.
- A NOMINAL QUANTITY OF 20.4 TONS FOR MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS IS ADDED TO THE SUMMARY OF QUANTITIES AS A PERCENTAGE OF THE LEVELING BINDER COURSE.

LIST OF IDOT DISTRICT 1 DETAIL SHEETS

NUMBER	DESCRIPTION
BD-01	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND CURB OR EDGE GREATER THAN OR EQUAL TO 15' (4.5m)
BD-07	STORM SEWER CONNECTION TO EXISTING SEWER
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-32	BUTT JOINT AND HMA TAPER
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDEROADS, INTERSECTIONS, AND DRIVEWAYS
TC-11	RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-16	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-26	DRIVEWAY ENTRANCE SIGNING

FILE NAME =	USER NAME = .USER.	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	INDEX OF SHEETS AND GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
T:\5167-KirkDouglasPhase2\Civil\Dgn\010	eral\5167 Index Sh1.dgn	DRAWN -	REVISED -			360	08-00377-00-CH	KANE	40	2	
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 63744					
	PLOT DATE = 18/17/2014	DATE -	REVISED -			SCALE: N.T.S.	SHEET NO.	OF	SHEETS	STA.	TO STA.

SUMMARY OF QUANTITIES

SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
					ROADWAY 0004	SAFETY 0021	LANDSCPING 0031	TRAINEES 0042
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	228			228	
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	47			47	
	20101000	TEMPORARY FENCE	FOOT	217	217			
	20200100	EARTH EXCAVATION	CU YD	1,380	1,380			
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	25	25			
	20700220	POROUS GRANULAR EMBANKMENT	CU YD	103	103			
	20800150	TRENCH BACKFILL	CU YD	33	33			
	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	330	330			
	• 25000210	SEEDING, CLASS 2A	ACRE	0.5			0.5	
	• 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	46			46	
	• 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	46			46	
	• 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	46			46	
	• 25100115	MULCH, METHOD 2	ACRE	0.5			0.5	
	• 25100630	EROSION CONTROL BLANKET	SQ YD	2,448			2,448	
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	153	153			
	28000400	PERIMETER EROSION BARRIER	FOOT	1,994	1,994			
	28000510	INLET FILTERS	EACH	19	19			
	30300106	AGGREGATE SUBGRADE IMPROVEMENT 6"	SQ YD	857	857			
	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	1,832	1,832			
	35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	133	133			
	35600712	HOT-MIX ASPHALT BASE COURSE WIDENING, 9"	SQ YD	1,707	1,707			
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	10,481	10,481			
	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	24	24			
	40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	477	477			
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	75	75			

• - SPECIALTY ITEM
 Δ - 100% LOCAL COST

SUMMARY OF QUANTITIES

SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
					ROADWAY 0004	SAFETY 0021	LANDSCPING 0031	TRAININGS 0042
	40603090	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	215	215			
	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	15	15			
	40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	1,279	1,279			
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	3,536		3,536		
	42400800	DETECTABLE WARNINGS	SQ FT	89		89		
	44000100	PAVEMENT REMOVAL	SQ YD	402	402			
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	118	118			
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	3,185	3,185			
	44000600	SIDEWALK REMOVAL	SQ FT	3,658	3,658			
	44003100	MEDIAN REMOVAL	SQ FT	796	796			
	44201337	CLASS C PATCHES, TYPE I, 9 INCH	SQ YD	28	28			
	44213200	SAW CUTS	FOOT	807	807			
	44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	2,233	2,233			
	50104400	CONCRETE HEADWALL REMOVAL	EACH	1	1			
	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	2	2			
	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	128	128			
	550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	40	40			
	550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	32	32			
	55100500	STORM SEWER REMOVAL 12"	FOOT	32	32			
	55100700	STORM SEWER REMOVAL 15"	FOOT	38	38			
	• 56400500	FIRE HYDRANTS TO BE REMOVED	EACH	1	1			
	• 56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	1	1			
	60107600	PIPE UNDERDRAINS 4"	FOOT	127	127			
	60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	10	10			
	60200310	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 3V FRAME AND GRATE	EACH	1	1			

• - SPECIALTY ITEM
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SUMMARY OF QUANTITIES

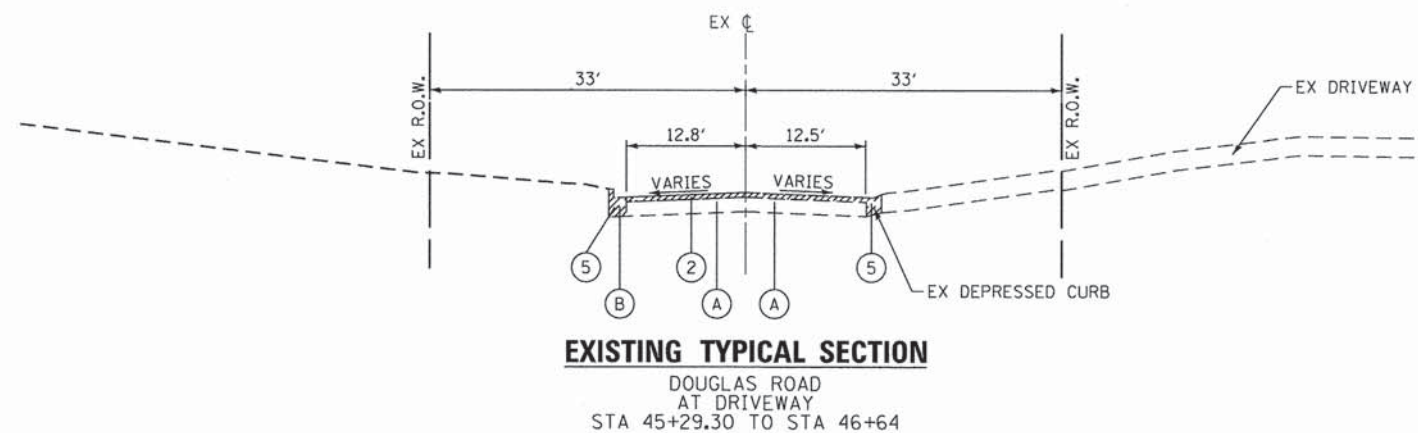
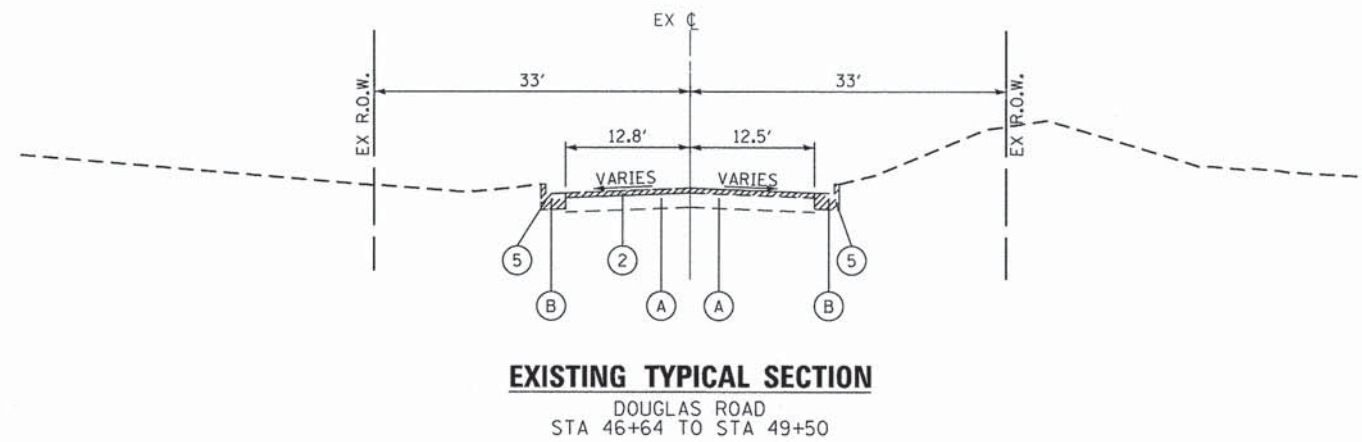
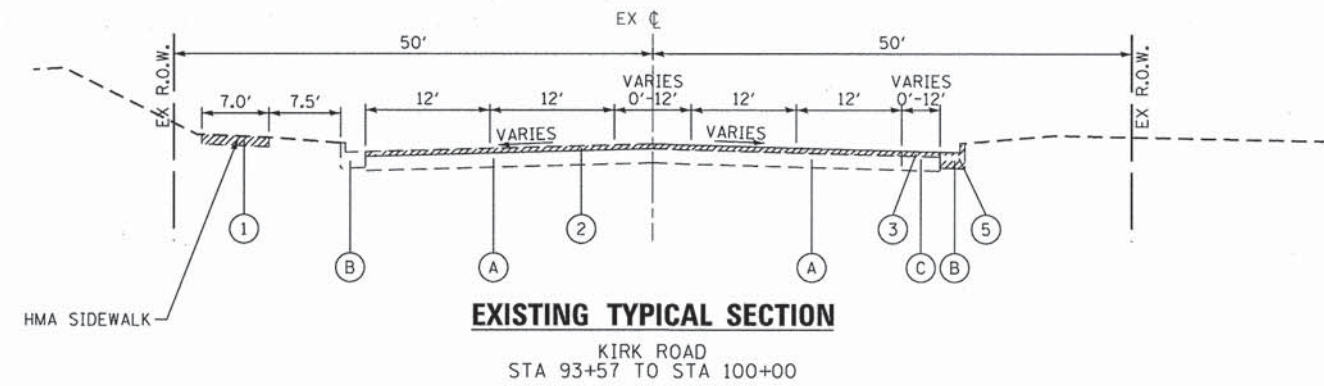
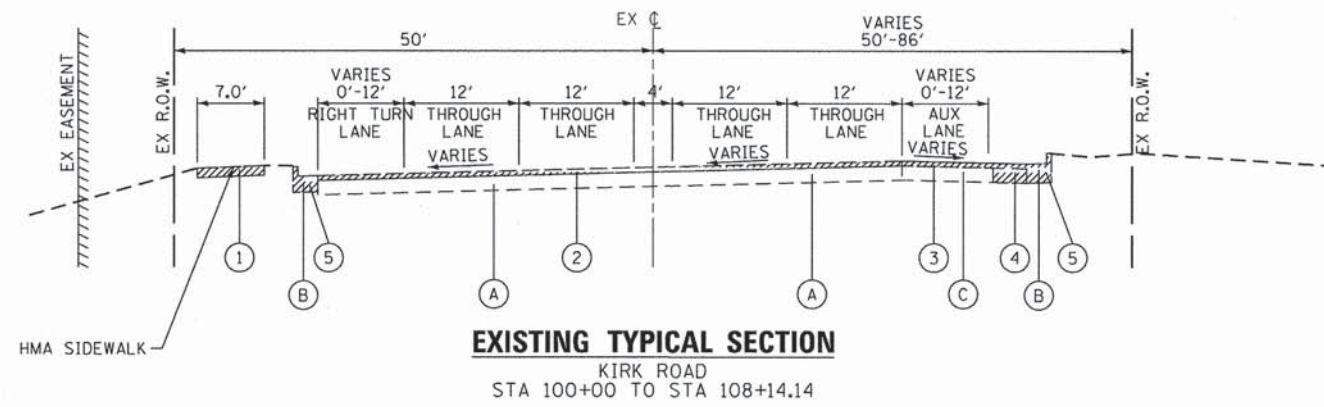
SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
					ROADWAY 0004	SAFETY 0021	LANDSCPING 0031	TRAINEES 0042
	60207115	CATCH BASINS, TYPE C, TYPE 3V FRAME AND GRATE	EACH	2	2			
	60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	3	3			
	60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1			
	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1			
	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2			
	60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	2	2			
	60250200	CATCH BASINS TO BE ADJUSTED	EACH	2	2			
	60255500	MANHOLES TO BE ADJUSTED	EACH	4	4			
	60260100	INLETS TO BE ADJUSTED	EACH	1	1			
	60265900	VALVE VAULTS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1			
	60500050	REMOVING CATCH BASINS	EACH	6	6			
	60500060	REMOVING INLETS	EACH	2	2			
	60500080	REMOVING CATCH BASINS TO MAINTAIN FLOW	EACH	2	2			
	60600605	CONCRETE CURB, TYPE B	FOOT	57	57			
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1,895	1,895			
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1,101	1,101			
	• 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	600	600			
	• 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1			
	• 66900530	SOIL DISPOSAL ANALYSIS	EACH	4	4			
	67100100	MOBILIZATION	L SUM	1	1			
	70106800	CHANGEABLE MESSAGE SIGN	CAL MO	9	9			
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	2,417	2,417			
	70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	73	73			
	70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	13,487	13,487			
	70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	356	356			

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SUMMARY OF QUANTITIES

SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
					ROADWAY 0004	SAFETY 0021	LANDSCPING 0031	TRAINEES 0042
	70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	18	18			
	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	5,588	5,588			
*	78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	328		328		
*	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	9,114		9,114		
*	78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	1,589		1,589		
*	78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	445		445		
*	78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	71		71		
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	229		229		
	78300100	PAVEMENT MARKING REMOVAL	SQ FT	2,679		2,679		
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	172		172		
*	A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	6			6	
*	A2005020	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	2			2	
*	A2006316	TREE, PRUNUS SEROTINA (BLACK CHERRY), 2" CALIPER, BALLED AND BURLAPPED	EACH	4			4	
*	A2006420	TREE, QUERCUS ALBA (WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	8			8	
*	A2007820	TREE, TILIA AMERICANA (AMERICAN LINDEN/ BASSWOOD), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3			3	
	X4400100	PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)	SQ YD	733	733			
	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	10,536	10,536			
Δ	X5537900	STORM SEWERS TO BE CLEANED 15"	FOOT	318	318			
	X6020074	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	EACH	2	2			
	X6020075	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	EACH	1	1			
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1			
	Z0004030	FOLDED/FORMED PVC PIPELINER, 15 INCH	FOOT	318	318			
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1			
	Z0076600	TRAINEES	HOUR	500				500
	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500				500

* - SPECIALTY ITEM
 Δ - 100% LOCAL COST



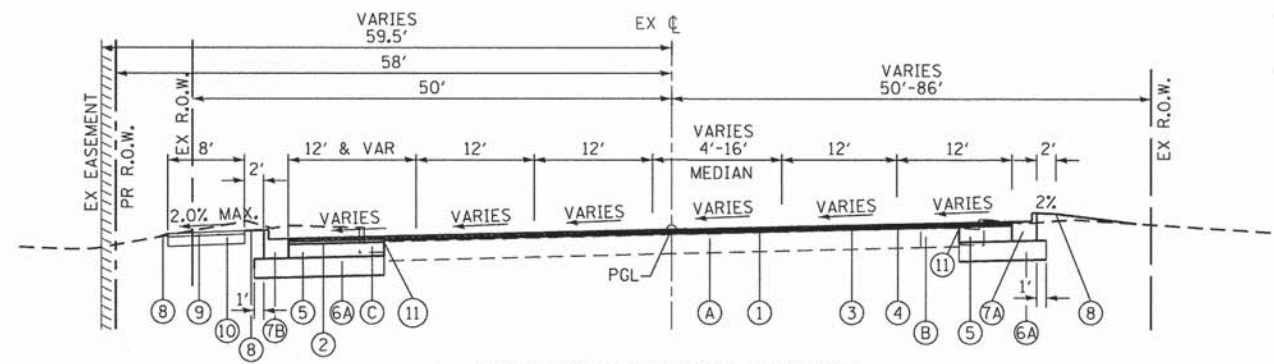
EXISTING LEGEND:

- Ⓐ 12" HMA PAVEMENT
- Ⓑ B-6.12 CONCRETE CURB & GUTTER
- Ⓒ PCC PAVEMENT

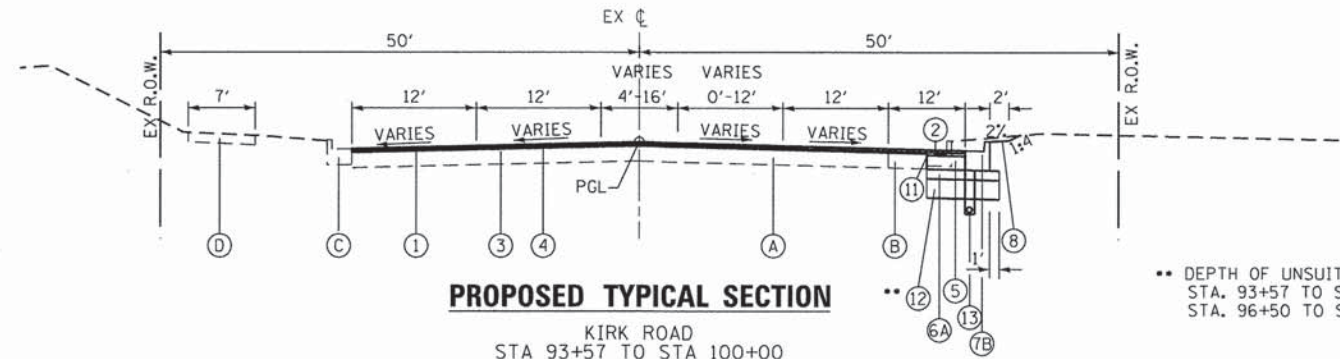
REMOVALS

- ① SIDEWALK REMOVAL
- ② HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ③ PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)
- ④ PAVEMENT REMOVAL
- ⑤ CURB AND GUTTER REMOVAL

FILE NAME = Tr\5167-KirkDouglasPhase2\Civil\0gn\03Tg	USER NAME = .USER. Secs\ExistingTypical.dgn	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	EXISTING TYPICAL SECTIONS KIRK ROAD AND DOUGLAS ROAD				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	PLOT SCALE = 20,000' / in.	DRAWN -	REVISED -		SCALE: N/A	SHEET NO.	OF	SHEETS	STA.	TO STA.	360	08-00377-00-CH	KANE	40	7
	PLOT DATE = 5/28/2014	CHECKED -	REVISED -						CONTRACT NO. 63744						
		DATE -	REVISED -						ILLINOIS FED. AID PROJECT						

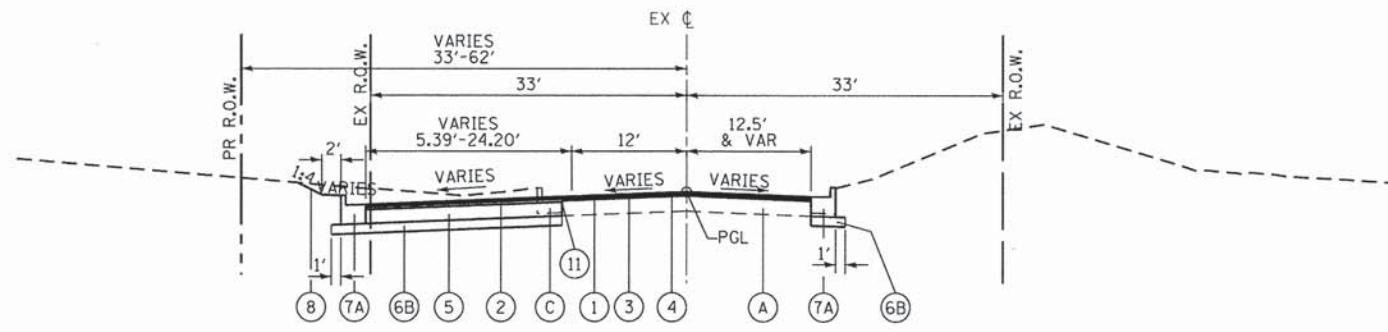


PROPOSED TYPICAL SECTION
KIRK ROAD
STA 100+00 TO STA 108+14.14

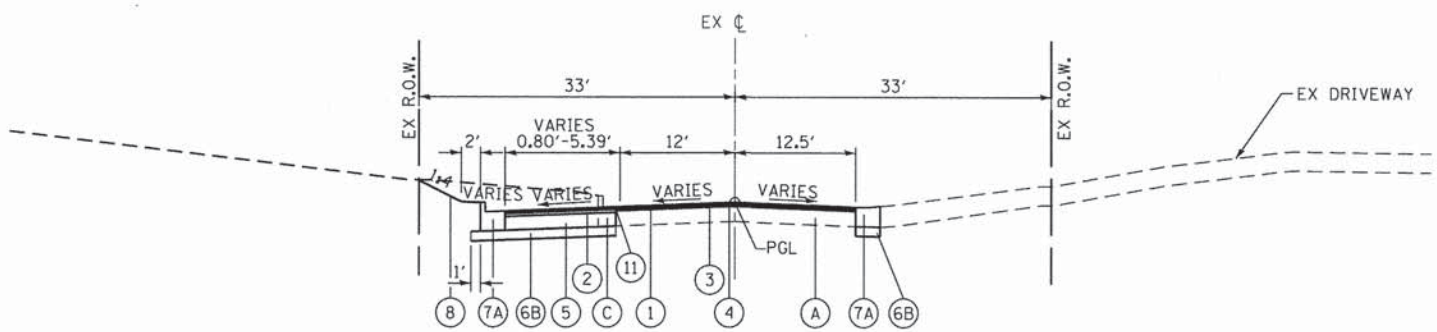


PROPOSED TYPICAL SECTION
KIRK ROAD
STA 93+57 TO STA 100+00

** DEPTH OF UNSUITABLE MATERIAL REMOVAL
STA. 93+57 TO STA. 96+50, EL 753.40
STA. 96+50 TO STA. 98+50, EL 757.80



PROPOSED TYPICAL SECTION
DOUGLAS ROAD
STA 46+64 TO STA 49+13.99



PROPOSED TYPICAL SECTION
DOUGLAS ROAD
AT DRIVEWAY
STA 45+29.30 TO STA 46+64

LEGEND:

EXISTING CONDITION

- (A) HMA PAVEMENT
- (B) PCC PAVEMENT
- (C) CURB AND GUTTER
- (D) HMA SIDEWALK

PROPOSED CONDITION

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4 "
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 2 1/4 "
- (3) LEVELING BINDER (MACHINE METHOD), N70, 3/4" MINIMUM (NOTE 1)
- (4) BITUMINOUS MATERIALS (PRIME COAT)
- (5) HOT-MIX ASPHALT BASE COURSE WIDENING, 9"
- (6A) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (6B) AGGREGATE SUBGRADE IMPROVEMENT, 6"
- (7A) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (7B) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (8) SEEDING CLASS 2A, EROSION CONTROL BLANKET, FERTILIZER NUTRIENTS, TOPSOIL EXCAVATION AND PLACEMENT
- (9) PCC SIDEWALK, 5 INCH
- (10) AGGREGATE FILL (INCLUDED IN PCC SIDEWALK, 5 INCH)
- (11) STRIP REFLECTIVE CRACK CONTROL TREATMENT
- (12) POROUS GRANULAR EMBANKMENT
- (13) PIPE UNDERDRAIN, 4" (NOTE 2)

NOTES:

1. WITHIN THE RESURFACING AREA, MILLING IS REQUIRED TO A DEPTH NEEDED TO ACCOMMODATE THE 1 3/4" SURFACE COURSE AND 3/4" LEVELING BINDER COURSE.

WHEN THE DIFFERENCE BETWEEN THE PROPOSED PGL AND THE EXISTING PROFILE IS GREATER THAN 2 1/2", THE THICKNESS OF LEVELING BINDER SHALL BE THAT DIFFERENCE LESS THE 1 3/4" SURFACE COURSE.
2. INSTALL PIPE UNDERDRAIN 4" AT UNDERCUT LOCATIONS AS SHOWN ON THE DRAINAGE PLANS. PIPE UNDERDRAIN 4" SHALL BE OUTLETTED USING PIPE UNDERDRAIN 4" (SPECIAL) AT LOCATIONS SHOWN ON PLANS AND IN ACCORDANCE WITH IDOT HIGHWAY STD 601001.
3. ALL EXCAVATED MATERIAL ALONG KIRK ROAD THAT CANNOT BE USED AS EMBANKMENT SHALL BE CONSIDERED NON-SPECIAL WASTE DISPOSAL.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
PAVEMENT	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90; 1 3/4"	4% @ 90 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90; 2 1/4"	4% @ 90 Gyr.
LEVELING BINDER, N70; 3/4" MIN	4% @ 70 Gyr.
HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19 mm); 9" (3 LIFTS)	4% @ 90 Gyr.
DRIVEWAY	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 2"	4% @ 50 Gyr.
HOT-MIX ASPHALT BASE COURSE; MIX "D", N50; (IL-19 mm); 8" (3 LIFTS)	4% @ 50 Gyr.

NOTE:
THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND THE "AC TYPE" FOR NON-POLYMERIZED HMA MIXES SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
FOR "PERCENT RAP" SEE SPECIAL PROVISIONS.

REMOVAL SCHEDULE

LOCATION	TREE REMOVAL 6-15	TREE REMOVAL OVER 15	PAVEMENT REMOVAL	HMA SURFACE REMOVAL, VARIABLE DEPTH	PCC SURFACE REMOVAL (VARIABLE DEPTH)	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL	MEDIAN REMOVAL	PAVEMENT MARKING REMOVAL	SAWCUTS
STATION TO STATION	UNIT	UNIT	SQ YD	SQ YD	SQ YD	FOOT	SO FT	SO FT	SO FT	FOOT
KIRK ROAD										
93+57 TO 100+00			261	3972	426	832	158	796	1356	362
100+00 TO 108+14.14			35	5328	307	1419	3500		1323	296
DOUGLAS ROAD										
45+29.30 TO 50+00	228	47	6	1236		934				176
TOTALS	228	47	402	10536	733	3185	3658	796	2679	807

EROSION CONTROL AND SEEDING SCHEDULE

LOCATION	SEEDING CL 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2	EROSION CONTROL BLANKET	PERIMETER EROSION BARRIER	TEMPORARY EROSION SEEDING	INLET FILTERS
STATION TO STATION	AC	POUND	POUND	POUND	AC	SO YD	FOOT	POUND	EACH
KIRK ROAD									
93+57 TO 100+00	0.2	14	14	14	0.2	770	695	48	7
100+00 TO 108+14.14	0.2	18	18	18	0.2	954	1299	60	9
DOUGLAS ROAD									
45+29.30 TO 50+00	0.1	14	14	14	0.1	724		45	3
TOTALS	0.5	46	46	46	0.5	2448	1994	153	19

• FOR TEMPORARY STABILIZATION AS DIRECTED BY THE ENGINEER

PAVEMENT ITEM SCHEDULE

LOCATION	HMA BASE COURSE WIDENING, 9"	HMA BC, IL-19.0, N90	POLYMERIZED HMA SC, MIX "F", N90	AGGREGATE SUBGRADE IMPROVEMENT 6"	AGGREGATE SUBGRADE IMPROVEMENT 12"	LEVELING BINDER (MACHINE METHOD), N70	BITUMINOUS MATERIALS (PRIME COAT)	STRIP REFLECTIVE CRACK CONTROL TREATMENT
STATION TO STATION	SQ YD	TON	TON	SO YD	SO YD	TON	POUND	FOOT
KIRK ROAD								
93+57 TO 100+00	216	27.3	448.5		519	184	2642	449
100+00 TO 108+14.14	891	112.2	647.9		1312	240	5380	1261
DOUGLAS ROAD								
45+29.30 TO 50+00	600	75.6	182.8	857		53	2459	523
TOTALS	1707	215.1	1279.2	857	1832	477	10481	2233

DRIVEWAY ITEM SCHEDULE

LOCATION	HMA SC, MIX "D", N50	HMA BASE CSE, 8"	DRIVEWAY PAVEMENT REMOVAL
STATION TO STATION	TON	SO YD	SO YD
KIRK ROAD			
93+57 TO 100+00			
100+00 TO 108+14.14	15	133	118
DOUGLAS ROAD			
45+29.30 TO 50+00			
TOTALS	15	133	118

PAVEMENT MARKING SCHEDULE

LOCATION	MODIFIED URETHANE PAVEMENT MARKING					LTR & SYM	RAISED REFLECTIVE PAVEMENT MARKERS
	4"	6"	12"	24"			
STATION TO STATION	FOOT	FOOT	FOOT	FOOT	SO FT	SO FT	EACH
KIRK ROAD							
93+57 TO 100+00	3700	359	132	37	73		89
100+00 TO 108+14.14	3968	871	272		109		114
DOUGLAS ROAD							
45+29.30 TO 50+00	1446	351	41	34	36		26
TOTALS	9114	1589	445	71	328		229

ROADSIDE ITEM SCHEDULE

LOCATION	PCC SIDEWALK 5 INCH	CONCRETE CURB, TYPE B	COMB CC&G, B-6.12	COMB CC&G, B-6.24
STATION TO STATION	SO FT	FOOT	FOOT	FOOT
KIRK ROAD				
93+57 TO 100+00	193		125	673
100+00 TO 108+14.14	343	57	876	428
DOUGLAS ROAD				
45+29.30 TO 50+00			894	
TOTALS	3536	57	1895	1101

MAINTENANCE OF TRAFFIC SCHEDULE

LOCATION	SHORT TERM PAVEMENT MARKING	TEMP PAVEMENT MARKING LETTER AND SYMBOLS	TEMP PAVEMENT MARKING-LINE 4"	TEMP PAVEMENT MARKING-LINE 6"	TEMP PAVEMENT MARKING-LINE 24"
STATION TO STATION	FOOT	SO FT	FOOT	FOOT	FOOT
STAGE 1	365	36	6141	190	18
STAGE 2	564	37	7347	167	
STAGE 3	564				
PRE-PERMANENT	924				
TOTALS	2417	73	13487	356	18

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION	UNSUITABLE MATERIAL	EXCAVATION TO BE USED FOR EMBANKMENT ADJUSTED FOR SHRINKAGE *	EMBANKMENT	EARTH BALANCE WASTE (+) SHORTAGE (-)	NON-SPECIAL WASTE DISPOSAL= ALL WASTE + UNSUITABLE MATERIAL (KIRK ROAD ONLY)	POROUS GRANULAR EMBANKMENT	TOPSOIL EXCAVATION AND PLACEMENT
STATION	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
Douglas Road								
45+29.30								
46+00.00	11.3	0.0	9.6	4.3	5.3	0.0	0.0	4.0
47+00.00	31.2	0.0	26.5	10.8	15.7	0.0	0.0	11.1
48+00.00	67.7	0.0	57.5	11.8	45.8	0.0	0.0	16.8
49+00.00	128.7	0.0	109.4	9.4	100.0	0.0	0.0	25.2
49+60.00	99.9	0.0	84.9	5.6	79.4	0.0	0.0	19.0
Kirk Road								
93+50.00								
93+57.00	0.4	0.0	0.3	0.2	0.1	0.2	0.0	0.2
94+00.00	9.0	3.7	4.5	2.2	2.4	6.1	0.0	2.0
95+00.00	50.7	43.9	5.8	4.5	1.3	45.2	10.2	8.3
96+00.00	111.5	111.5	0.0	4.3	-4.3	107.2	51.5	13.8
97+00.00	84.0	77.0	5.9	2.1	3.8	80.8	41.3	9.2
98+00.00	17.7	10.4	6.2	1.9	4.3	14.6	0.0	3.2
99+00.00	17.0	9.3	6.6	3.9	2.7	12.0	0.0	3.7
100+00.00	18.4	0.0	15.7	25.9	-10.3	-10.3	0.0	1.7
101+00.00	39.6	0.0	33.7	27.9	5.8	5.8	0.0	3.5
102+00.00	112.5	0.0	95.6	9.1	86.6	86.6	0.0	16.0
103+00.00	184.2	0.0	156.5	26.6	130.0	130.0	0.0	37.0
104+00.00	151.8	0.0	129.0	46.3	82.7	82.7	0.0	43.0
105+00.00	102.5	0.0	87.1	50.1	37.0	37.0	0.0	36.7
106+00.00	70.8	0.0	60.2	48.5	11.7	11.7	0.0	30.9
107+00.00	36.2	0.0	30.8	39.9	-9.1	-9.1	0.0	23.5
108+00.00	27.5	0.0	23.4	23.2	0.1	0.1	0.0	16.9
108+14.14	2.9	0.0	2.5	2.4	0.1	0.1	0.0	1.7
108+20.00	0.6	0.0	0.5	0.6	-0.1	-0.1	0.0	0.3
TOTAL	1376.1	255.8	952.3	361.4	590.9	600.6	103	327.8
ADJUSTED **	1380					600		330

- * ADJUSTED WITH SHRINKAGE FACTOR OF 15%
- ** ADJUSTED FOR ROUNDING

ALL EXCAVATED MATERIAL ALONG KIRK ROAD THAT CANNOT BE USED AS EMBANKMENT SHALL BE CONSIDERED "NON-SPECIAL WASTE DISPOSAL".

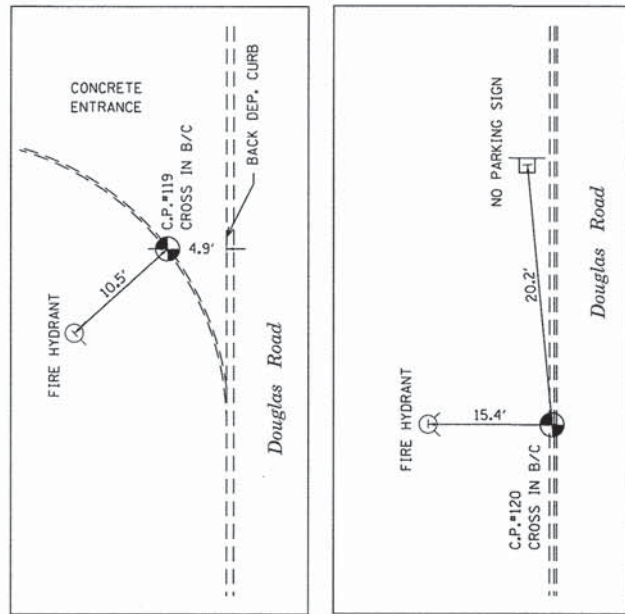
UNSUITABLE MATERIAL INCLUDES EXCAVATION OF MATERIALS TO THE DEPTH AND WIDTH AS NOTED IN THE TYPICAL SECTIONS AND AS DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION DUE TO POOR SUBGRADE CONDITIONS. THE UNSUITABLE MATERIAL AREAS IDENTIFIED ON THE TYPICAL SECTIONS ARE WITHIN THE AREA OF "NON-SPECIAL WASTE DISPOSAL" AND SHALL BE HANDLED AND DISPOSED OF AS DESCRIBED IN THE CONTRACT SPECIAL PROVISION FOR REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES.

A NOMINAL QUANTITY OF 25 CU YD FOR REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL IS INCLUDED FOR USE AS DIRECTED BY THE ENGINEER FOR USE IN AREAS NOT CONSIDERED AS "NON-SPECIAL WASTE DISPOSAL".

POROUS GRANULAR EMBANKMENT SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE AT LOCATIONS OF SUBGRADE TREATMENT RECOMMENDATIONS AS SHOWN ON THE TYPICAL SECTIONS AND WILL BE PAID FOR AS 'POROUS GRANULAR EMBANKMENT'. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES SHALL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION. ALL POTENTIALLY UNSTABLE SOIL SHALL BE TESTED AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE STANDARD SPECIFICATIONS AND THE GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL (SSM).

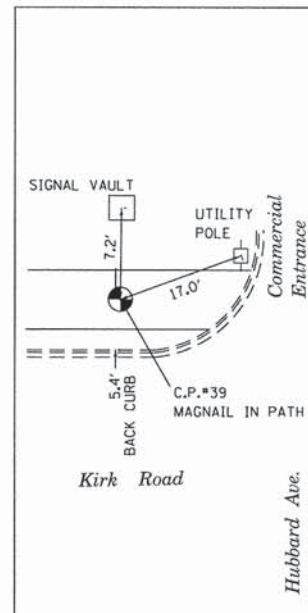
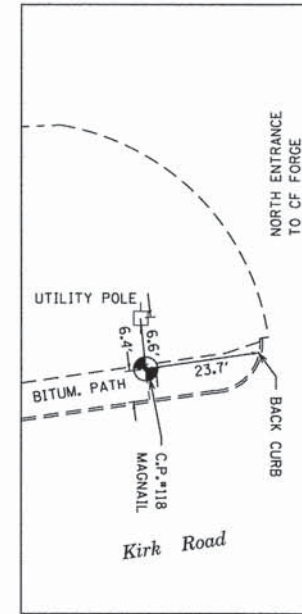
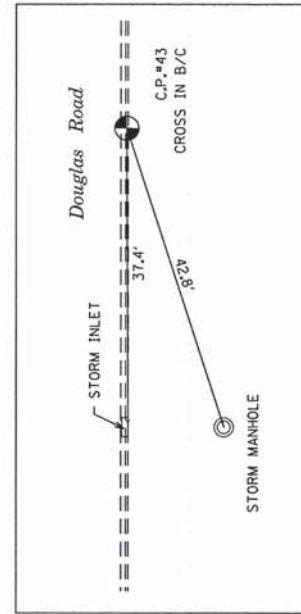
EXISTING TOPSOIL DEPTH IS ESTIMATED TO BE 4". PROPOSED TOPSOIL SHALL BE MINIMUM THICKNESS OF 4" UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

FILE NAME =	USER NAME = .USER_	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	SCHEDULE OF QUANTITIES SHEET 2	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
T:\5167-KirkDouglasPhase2\Civil\0gn\0200	ntsties\5167_SCHED OF QUANTITIES 2.dgn	DRAWN -	REVISED -			360	08-00377-00-CH	KANE	40	10	
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 63744					
	PLOT DATE = 5/30/2014	DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.



CONTROL POINT #120
CUT CROSS
STA. 40+23.43, 13.92' RT
NORTH 1892252.95
EAST 998102.41
ELEVATION = 783.26

CONTROL POINT #43
CUT CROSS
STA. 33+86.00, 13.64' LT
NORTH 1892273.64
EAST 997464.72
ELEVATION = 773.68



CONTROL POINT #39
MAGNAIL
STA. 91+09.00, 42.47' LT
NORTH 1891386.00
EAST 999045.77
ELEVATION = 751.46

BEGIN PROJECT
STA. 93+57.00

PROJECT LIMITS
STA. 45+29.30

CONTROL POINT #119
CUT CROSS
STA. 46+73.54, 19.07' RT
NORTH 1892254.81
EAST 998752.53
ELEVATION = 768.20

PROP. CURVE KIRK1
PI STA. = 102+20.80
 $\Delta = 7^\circ 49' 00''$ (LT)
D = $2^\circ 00' 00''$
R = 2,864.93'
T = 195.73'
L = 390.85'
E = 6.68'
P.C. STA = 100+25.07
P.T. STA = 104+15.92



CONTROL POINT #118
MAGNAIL
STA. 105+09.94, 43.69' LT
NORTH 1892778.41
EAST 998990.76
ELEVATION = 780.32

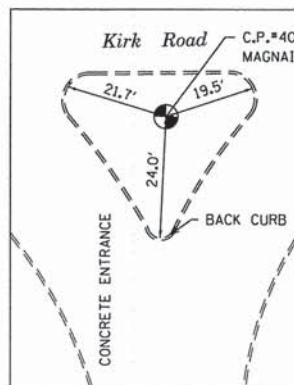
COORDINATE TABLE

POINT	NORTHING	EASTING
KIRK ROAD		
POT STA 90+00	1891277.46	999089.39
POT STA 100+00	1892277.40	999078.77
P.C. STA 100+25.07	1892302.47	999078.51
P.I. STA 102+20.80	1892498.19	999076.43
P.T. STA 104+15.92	1892691.81	999047.75
POT STA 108+78.28	1893149.18	999980.01
DOUGLAS ROAD		
POT STA 35+00	1892261.23	997578.86
POT STA 50+00	1892277.40	999078.77

PROJECT CONTROL:
ILLINOIS STATE PLANE COORDINATE SYSTEM
USING NORTH AMERICAN DATUM (NAD83) WITH
ILLINOIS EAST ZONE 1201

BENCHMARKS

- BM#1 SOUTHEAST TAG BOLT ON FIRE HYDRANT AT THE SOUTHWEST CORNER OF KIRK ROAD & DOUGLAS ROAD. ELEVATION = 765.56
- BM#2 SOUTHEAST TAG BOLT ON 5TH FIRE HYDRANT WEST OF KIRK ROAD ON THE SOUTH SIDE OF DOUGLAS ROAD. ELEVATION = 779.62
- BM#3 SOUTHWEST TAG BOLT ON FIRE HYDRANT AT THE SOUTHEAST CORNER OF THE BATAVIA WATER TOWER SITE. ELEVATION = 784.21
- BM#4 NORTHWEST TAG BOLT ON FIRE HYDRANT AT THE NORTHEAST CORNER OF KIRK ROAD & HUBBARD AVENUE. ELEVATION = 752.45



END PROJECT
STA. 108+14.14

CONTROL POINT #40
MAGNAIL
STA. 99+92.69, 50.14' R
NORTH 1892270.63
EAST 999128.99
ELEVATION = 764.97

FILE NAME = T:\5167-KirkDouglasPhase2\Civil\Dgn\B441.dgn
USER NAME = .USER_

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

KANE COUNTY
DIVISION OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1" = 100' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
360	08-00377-00-CH	KANE	40	11
CONTRACT NO. 63744				
ILLINOIS FED. AID PROJECT				

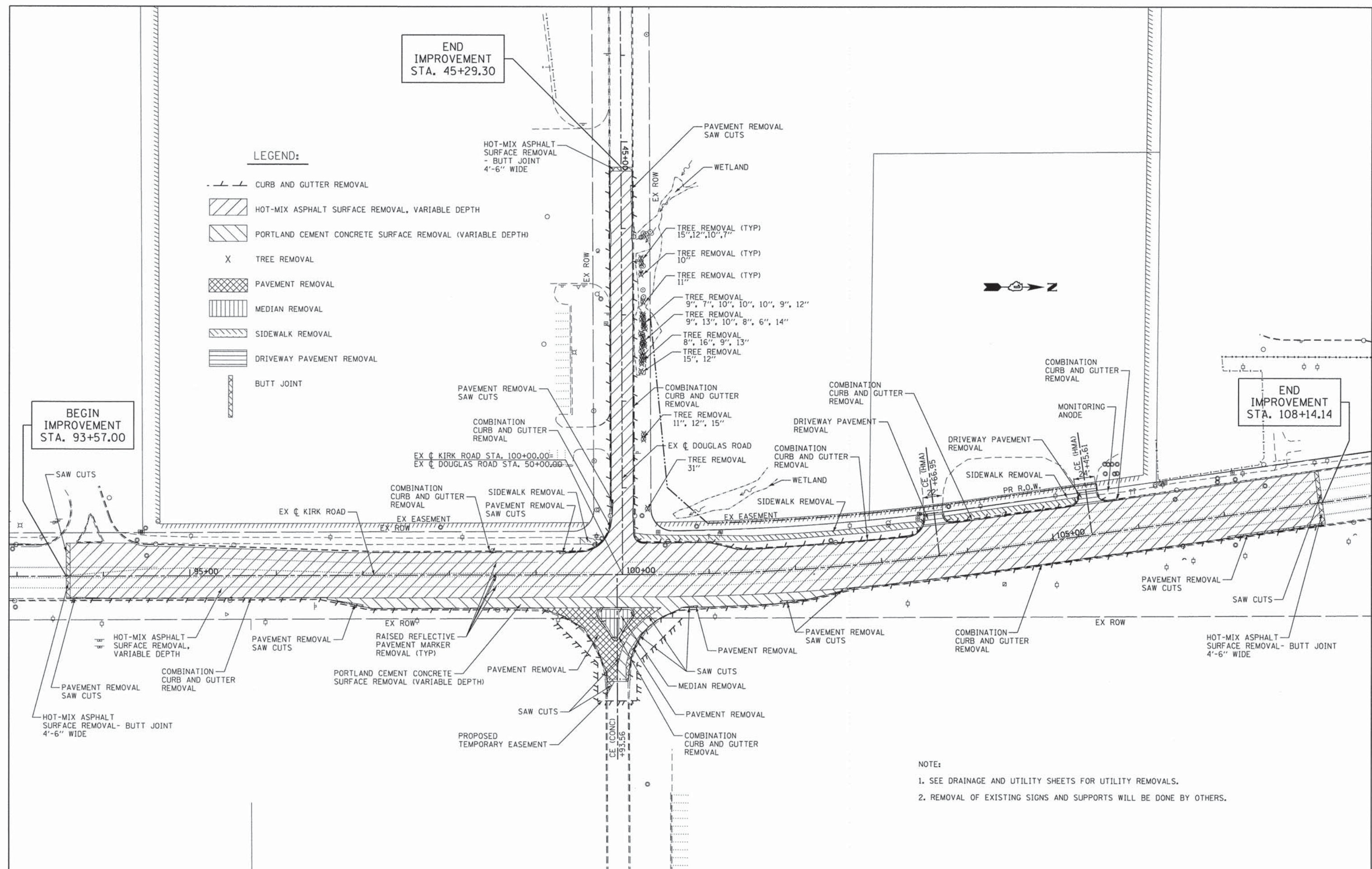
END
IMPROVEMENT
STA. 45+29.30

LEGEND:

- CURB AND GUTTER REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)
- TREE REMOVAL
- PAVEMENT REMOVAL
- MEDIAN REMOVAL
- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- BUTT JOINT

BEGIN
IMPROVEMENT
STA. 93+57.00

END
IMPROVEMENT
STA. 108+14.14



- NOTE:
- SEE DRAINAGE AND UTILITY SHEETS FOR UTILITY REMOVALS.
 - REMOVAL OF EXISTING SIGNS AND SUPPORTS WILL BE DONE BY OTHERS.

FILE NAME = T:\5167-KirkDouglasPhase2\Civil\Dgn\86P1	USER NAME = .USER_	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	REMOVAL PLAN KIRK ROAD AND DOUGLAS ROAD			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	Prof\Remove1.dgn	DRAWN -	REVISED -		360	08-00377-00-CH	KANE	40	12			
	PLDT SCALE = 100.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 63744				
	PLDT DATE = 5/29/2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

CUSTOM PLASTICS INC.
PIN

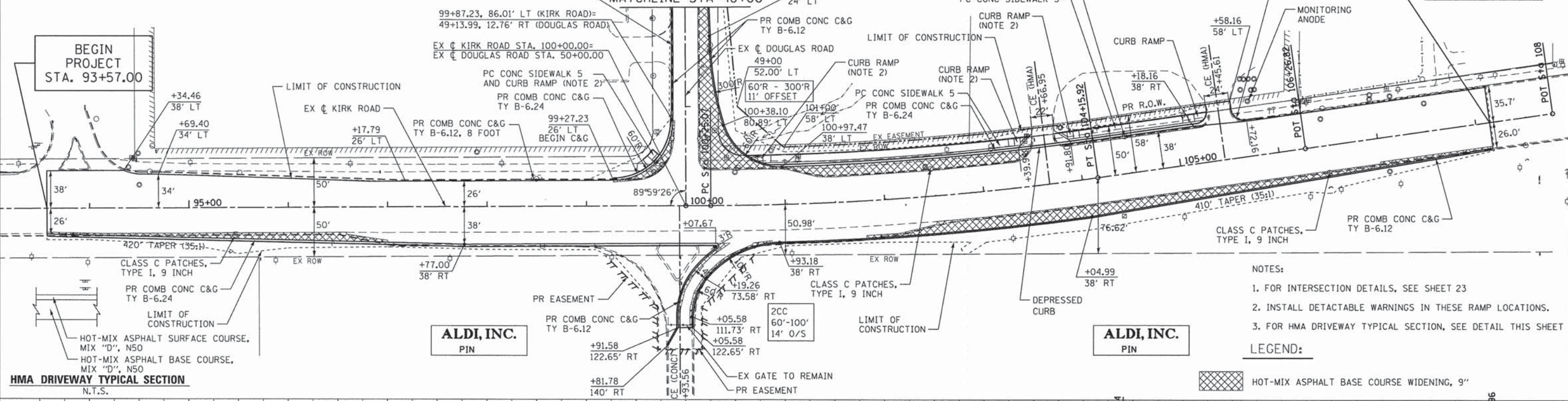
JBMK REAL ESTATE
PIN

C&F FORGE COMPANY
PIN

END PROJECT
STA. 108+14.14

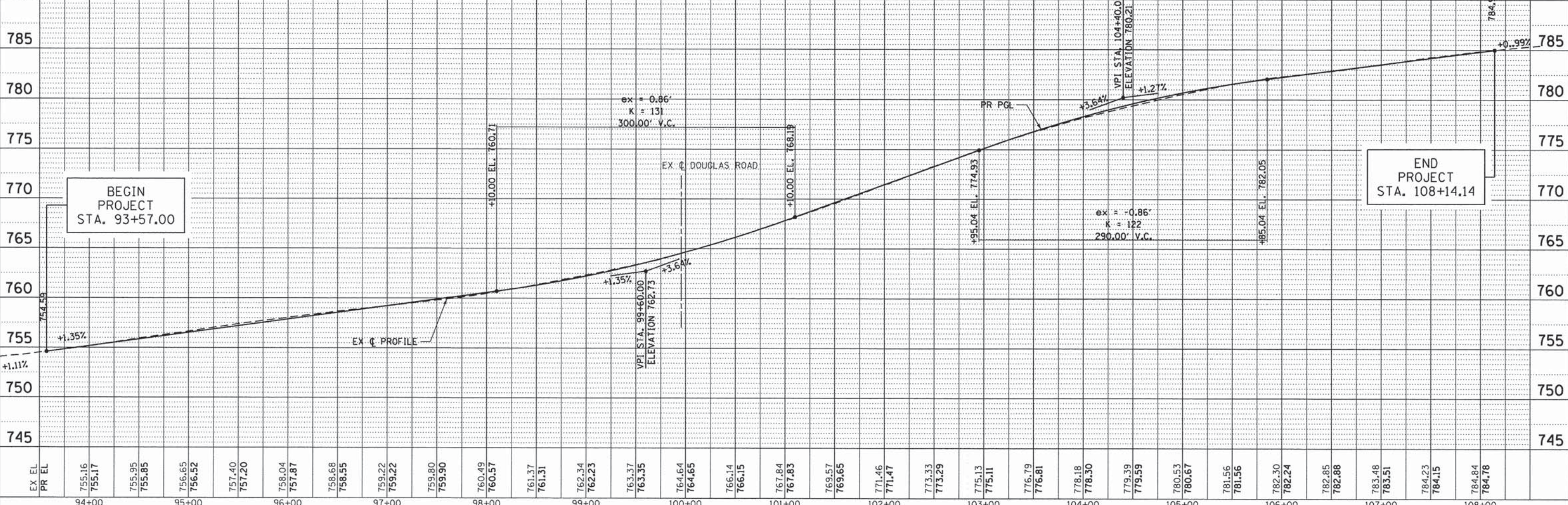
BEGIN PROJECT
STA. 93+57.00

SEE SHEET 16
DOUGLAS ROAD
MATCHLINE STA 48+00



- NOTES:
- 1. FOR INTERSECTION DETAILS, SEE SHEET 23
 - 2. INSTALL DETECTABLE WARNINGS IN THESE RAMP LOCATIONS.
 - 3. FOR HMA DRIVEWAY TYPICAL SECTION, SEE DETAIL THIS SHEET
- LEGEND:
- HOT-MIX ASPHALT BASE COURSE WIDENING, 9"

HMA DRIVEWAY TYPICAL SECTION
N.T.S.



EX EL	PR EL	94+00	95+00	96+00	97+00	98+00	99+00	100+00	101+00	102+00	103+00	104+00	105+00	106+00	107+00	108+00																																											
754.75	755.16	755.17	755.95	755.85	756.65	756.52	757.40	757.20	758.04	757.87	758.68	758.55	759.22	759.22	759.80	759.90	760.49	760.57	761.37	761.31	762.34	762.23	763.37	763.35	764.64	764.65	766.14	766.15	767.84	767.83	769.57	769.65	771.46	771.47	773.33	773.29	775.13	775.11	776.79	776.81	778.18	778.30	779.39	779.59	780.53	780.67	781.56	781.56	782.30	782.24	782.85	782.88	783.48	783.51	784.23	784.15	784.84	784.78	785

FILE NAME = T:\5167-KirkDouglasPhase2\Civil\Dgn\86Plan... USER NAME = .USER. DESIGNED - REVISED -
DRAWN - REVISED -
PLOT SCALE = 100.0000' / in. CHECKED - REVISED -
PLOT DATE = 5/28/2014 DATE - REVISED -

KANE COUNTY
DIVISION OF TRANSPORTATION

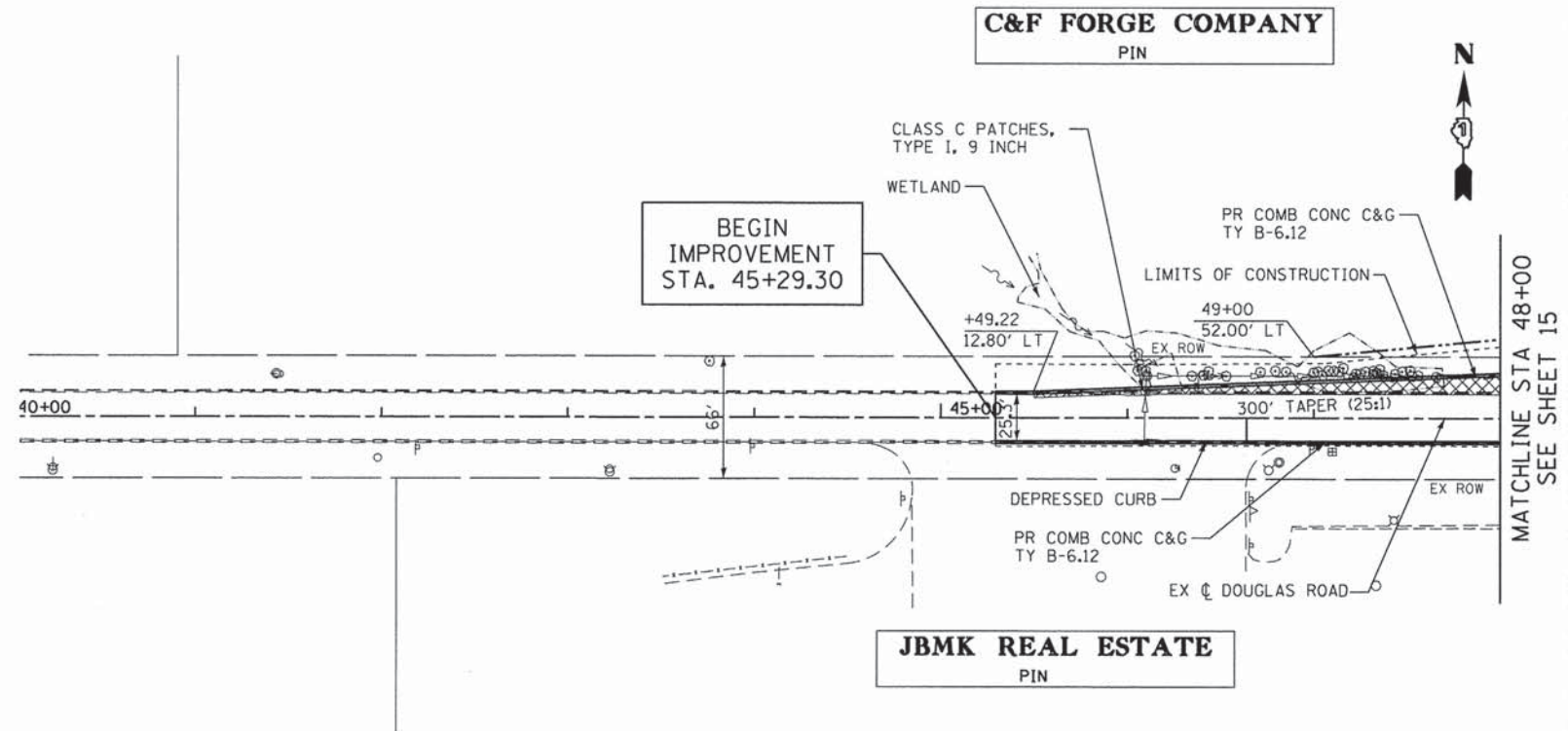
PROPOSED PLAN AND PROFILE
KIRK ROAD

SCALE: 1/8" = 50' (H)
1/8" = 80' (V)

F.A.P. RTE. 360 SECTION 08-00377-00-CH COUNTY KANE TOTAL SHEETS 40 SHEET NO. 13 CONTRACT NO. 63744 ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	DATE
	ALIGNED	
	CHECKED	
	BY	
	NOTE BOOK	
	NO.	
	ADD FILE NAME	

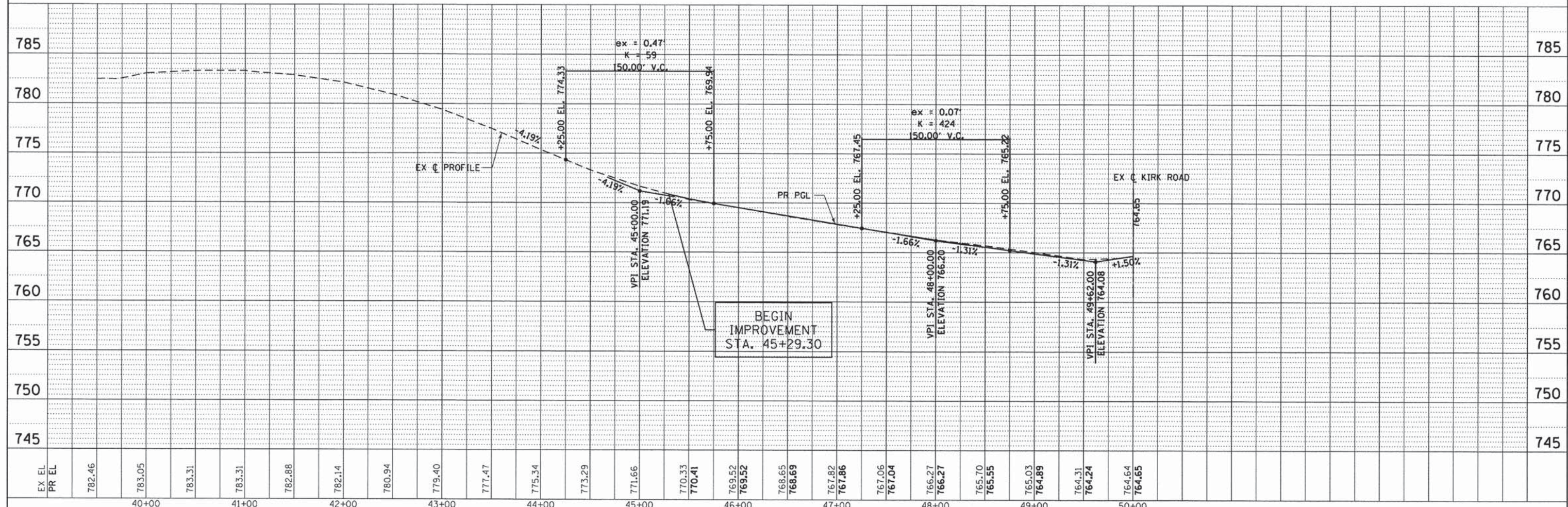
PROFILE	SURVEYED	DATE
	GRADES	
	CHECKED	
	BY	
	NOTE BOOK	
	NO.	
	STRUCTURE	
	NOTATING	
	CHKD	



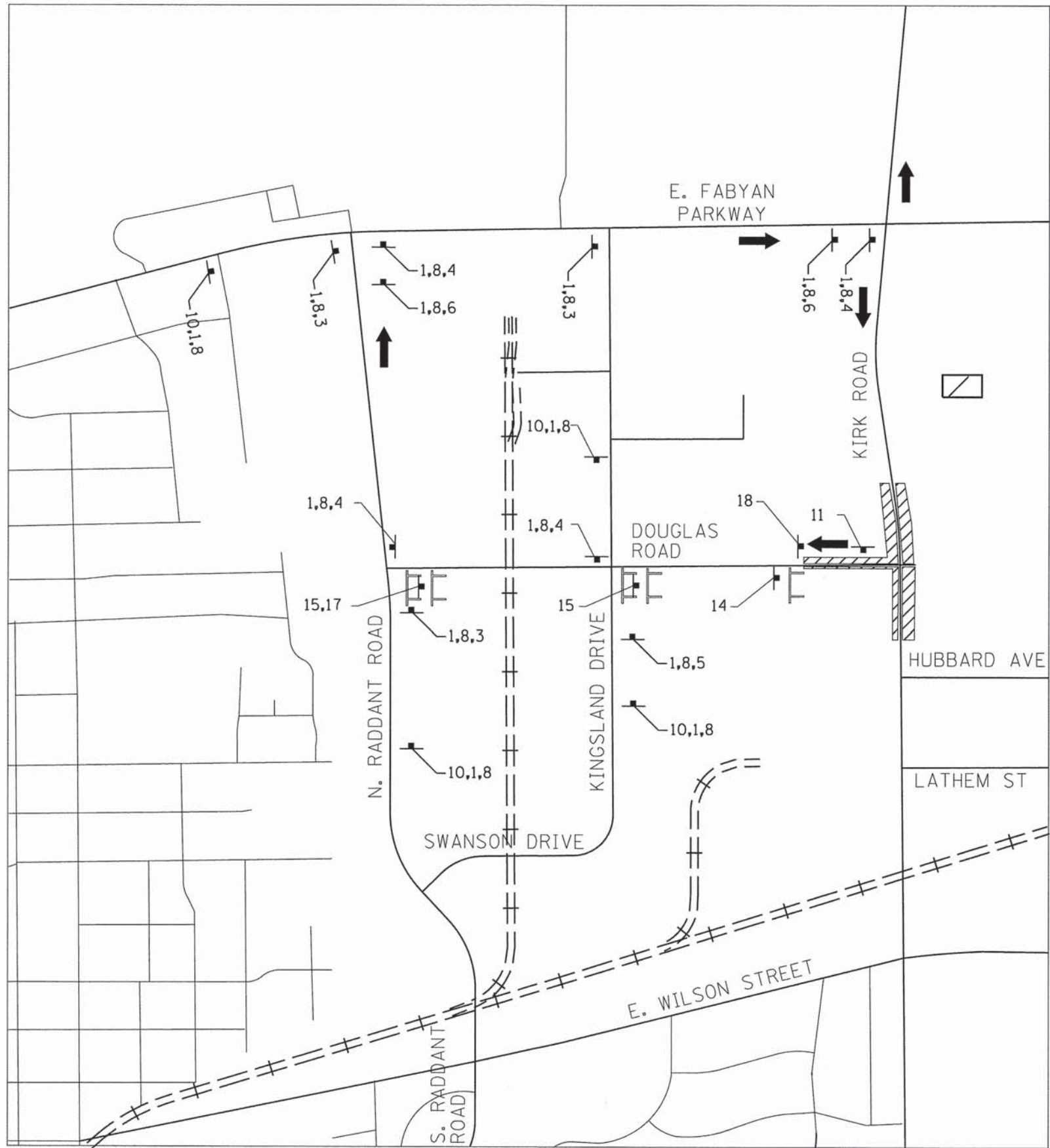
NOTES:
1. FOR INTERSECTION DETAILS, SEE SHEET 23

LEGEND:

HOT-MIX ASPHALT BASE COURSE WIDENING, 9'



FILE NAME =	USER NAME = .USER_	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	PROPOSED PLAN AND PROFILE DOUGLAS ROAD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
T:\5167-KirkDouglasPhase2\Civil\06P1enProf\P&P02.dgn	PLDT SCALE = 100.0000' / in.	DRAWN -	REVISED -			360	08-00377-00-CH	KANE	40	14	
PLDT DATE = 5/28/2014	DATE -	CHECKED -	REVISED -			CONTRACT NO. 63744					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



KEY NO.	SIGN
1	EAST M3-1(0) 16"x12"
2	WEST M3-3(0) 16"x12"
3	DETOUR M4-9 30"x16"
4	DETOUR M4-9R 30"x16"
5	DETOUR M4-9L 30"x16"
6	DETOUR M4-9R a 30"x16"
7	DETOUR M4-9L a 30"x16"
8	Douglas Road W17-1100(0) VAR x 6"

KEY NO.	SIGN
9	ROAD CLOSED AHEAD W20-3 48"x48"
10	DETOUR AHEAD W20-2 48"x48"
11	END DETOUR M4-8a 24"x 18"
12	R3-1 30"x30"
13	R3-2 30"x30"
14	ROAD CLOSED R11-2 48"x 30"
15	ROAD CLOSED TO THRU TRAFFIC R11-4 60"x30"
16	DETOUR M4-10R 48"x18"
17	DETOUR M4-10L 48"x18"
18	DO NOT ENTER R5-1 30"x 30"

LEGEND

- WORK AREA
- 10 KEY NO.
- CONSTRUCTION SIGNS
- TYPE III BARRICADES WITH FLASHING LIGHTS
- DIRECTION OF DETOURED TRAFFIC

FILE NAME =	USER NAME = .USER_	DESIGNED -	REVISED -
T:\5167-KirkDouglasPhase2\Civil\0gn\055taging\5167DetourPlan.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**KANE COUNTY
DIVISION OF TRANSPORTATION**

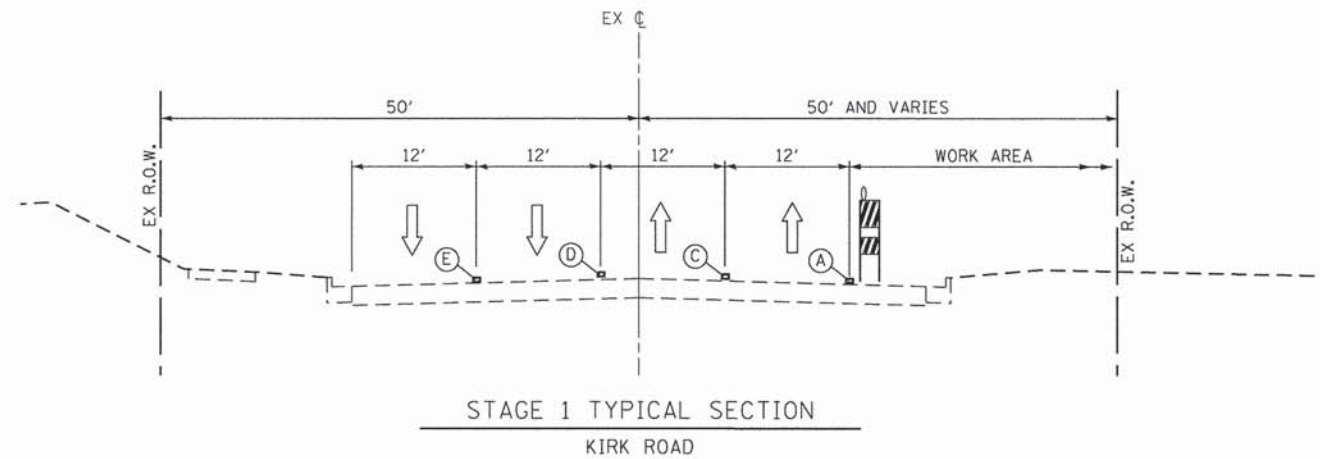
DETOUR PLAN - DOUGLAS ROAD			
SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
360	08-00377-00-CH	KANE	40	15
CONTRACT NO. 63744				
ILLINOIS FED. AID PROJECT				

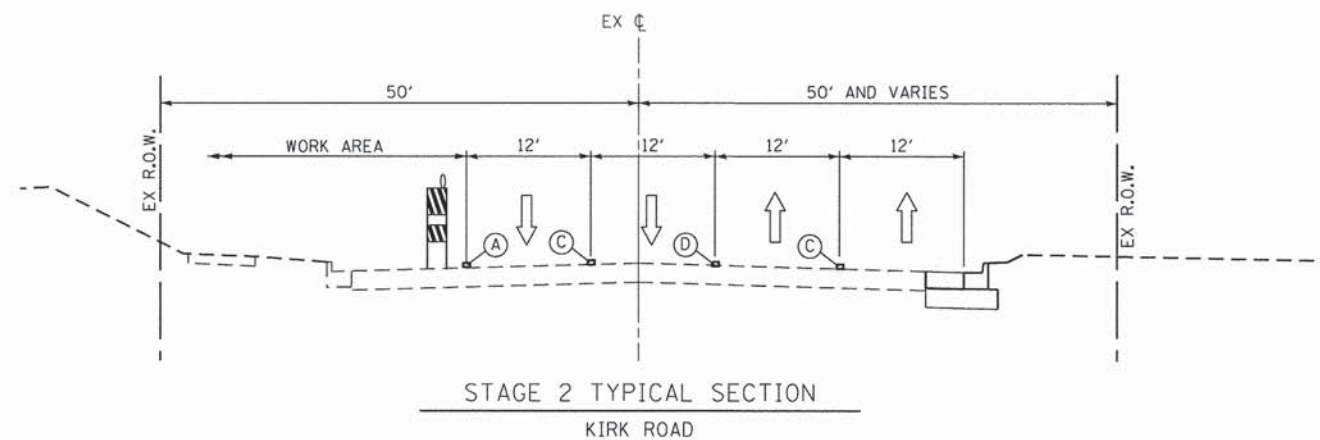
MAINTENANCE OF TRAFFIC GENERAL NOTES:

1. THE CONTRACTOR MUST MAINTAIN ACCESS TO ALL PRIVATE AND FIELD ENTRANCES DURING CONSTRUCTION.
2. IDOT STANDARDS LISTED ON SHEET 2 WILL BE USED FOR THE MAINTENANCE OF TRAFFIC.
3. ALL SIGNING MUST BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE IDOT'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2012. THE DETAILS IN THESE PLANS, AND THE LATEST EDITION OF THE IDOT'S "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
4. THE CONTRACTOR MUST BE RESPONSIBLE FOR ENSURING THAT ALL BARRICADES, SIGNS, LIGHTS AND OTHER TRAFFIC CONTROL DEVICES INSTALLED BY THE CONTRACTOR ARE IN PLACE AND OPERATING 24 HOURS EACH DAY DURING CONSTRUCTION.
5. AS A MINIMUM, ALL AMBER FLASHING LIGHTS THAT ARE REQUIRED MUST MEET THE REQUIREMENTS FOR TYPE A-LOW INTENSITY FLASHING LIGHTS IN ARTICLE 1084.01 OF THE STANDARD SPECIFICATIONS. ALL LIGHTS MUST OPERATE DURING HOURS OF DARKNESS. ONLY LIGHTS THAT HAVE BEEN APPROVED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION WILL BE USED.
6. PORTABLE/CHANGEABLE ELECTRONIC MESSAGE BOARDS SHALL BE USED IN ADVANCE OF THE PROJECT ACCORDING TO IDOT STANDARDS AND SHALL BE IN PLACE A MINIMUM OF 72 HOURS PRIOR TO COMMENCING THE WORK AND REMAIN THROUGHOUT THE ROADWAY CONSTRUCTION WORK.
7. THE KANE COUNTY DIVISION OF TRANSPORTATION MUST BE NOTIFIED A MINIMUM OF SEVEN (7) WORKING DAYS IN ADVANCE OF ANY CONSTRUCTION WITHIN THE COUNTY RIGHT-OF-WAY. CONTACT TOM SZABO AT (630) 208-3139.
8. EXCAVATION AND PAVEMENT WIDENING ON BOTH SIDES OF THE PAVEMENT AT ANY ONE LOCATION AT THE SAME TIME WILL NOT BE PERMITTED PER ARTICLE 701.18 OF THE IDOT SPECIFICATIONS.

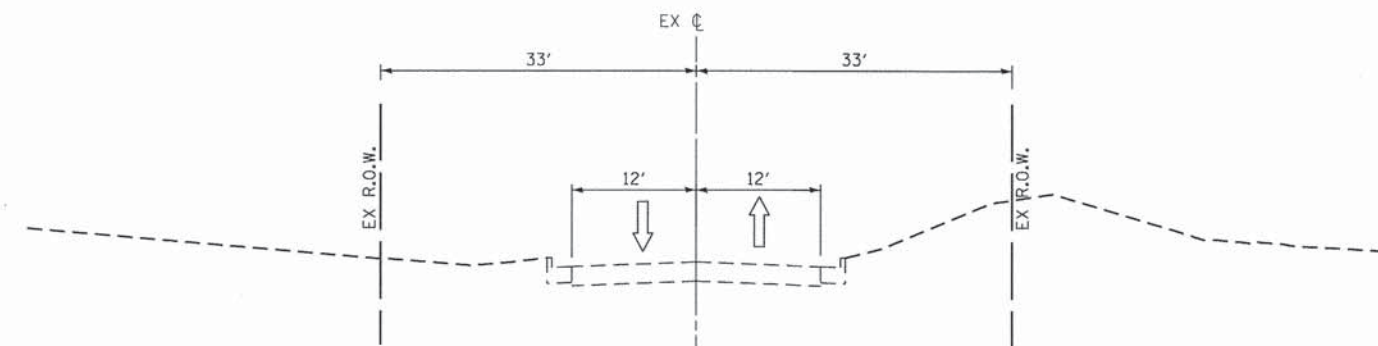
FILE NAME = T:\5167-KirkDouglasPhase2\Civil\Dgn\055	USER NAME = .USER_ gmg\5167StagingGeneralNotes1.dgn	DESIGNED - DRAWN -	REVISED - REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	MAINTENANCE OF TRAFFIC GENERAL NOTES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -		SCALE: N/A	SHEET NO.	OF	SHEETS	STA.	TO STA.	360	08-00377-00-CH	KANE	40	16
	PLOT DATE = 5/28/2014	DATE -	REVISED -		CONTRACT NO. 63744										
ILLINOIS FED. AID PROJECT															



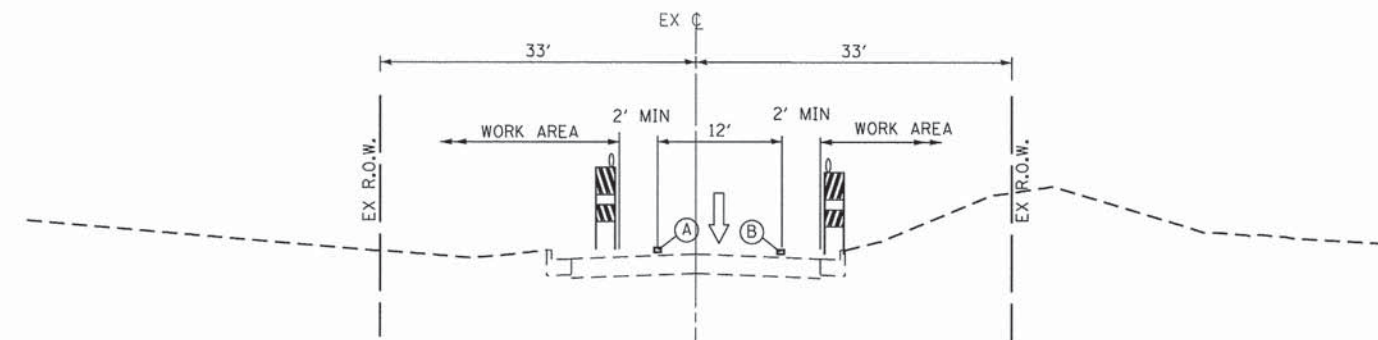
STAGE 1 TYPICAL SECTION
KIRK ROAD



STAGE 2 TYPICAL SECTION
KIRK ROAD



STAGE 1 TYPICAL SECTION
DOUGLAS ROAD



STAGE 2 TYPICAL SECTION
DOUGLAS ROAD

LEGEND:

↑ DIRECTION OF TRAFFIC

▬ TYPE II BARRICADES

- (A) TEMPORARY PAVEMENT MARKING, EDGE LINE, WHITE
- (B) TEMPORARY PAVEMENT MARKING, EDGE LINE, YELLOW
- (C) TEMPORARY PAVEMENT MARKING, LANE LINE, WHITE
- (D) TEMPORARY PAVEMENT MARKING, CENTER LINE, YELLOW
- (E) EXISTING PAVEMENT MARKING

SUGGESTED STAGING:
KIRK ROAD

STAGE 1 CONSTRUCTION: CONSTRUCT ROADWAY WIDENING ON THE EAST SIDE OF KIRK ROAD.
TRAFFIC: THE FOUR LANES OF TRAFFIC WILL BE SHIFTED TO THE WEST SIDE OF KIRK ROAD AS SHOWN ON THE PLANS.

STAGE 2 CONSTRUCTION: CONSTRUCT ROADWAY WIDENING ON THE WEST SIDE OF KIRK ROAD.
TRAFFIC: THE FOUR LANES OF TRAFFIC WILL BE SHIFTED TO THE EAST SIDE OF KIRK ROAD INCLUDING THE WIDENED PORTION OF KIRK ROAD AS SHOWN ON THE PLANS.

STAGE 3 CONSTRUCTION: CONSTRUCT ROADWAY RESURFACING ON KIRK ROAD.
TRAFFIC: FOUR LANES OF TRAFFIC WILL BE OPEN ON KIRK ROAD. NECESSARY LANE CLOSURE WILL BE DONE IN ACCORDANCE WITH IDOT HIGHWAY STANDARD DRAWINGS.

SUGGESTED STAGING:
DOUGLAS ROAD

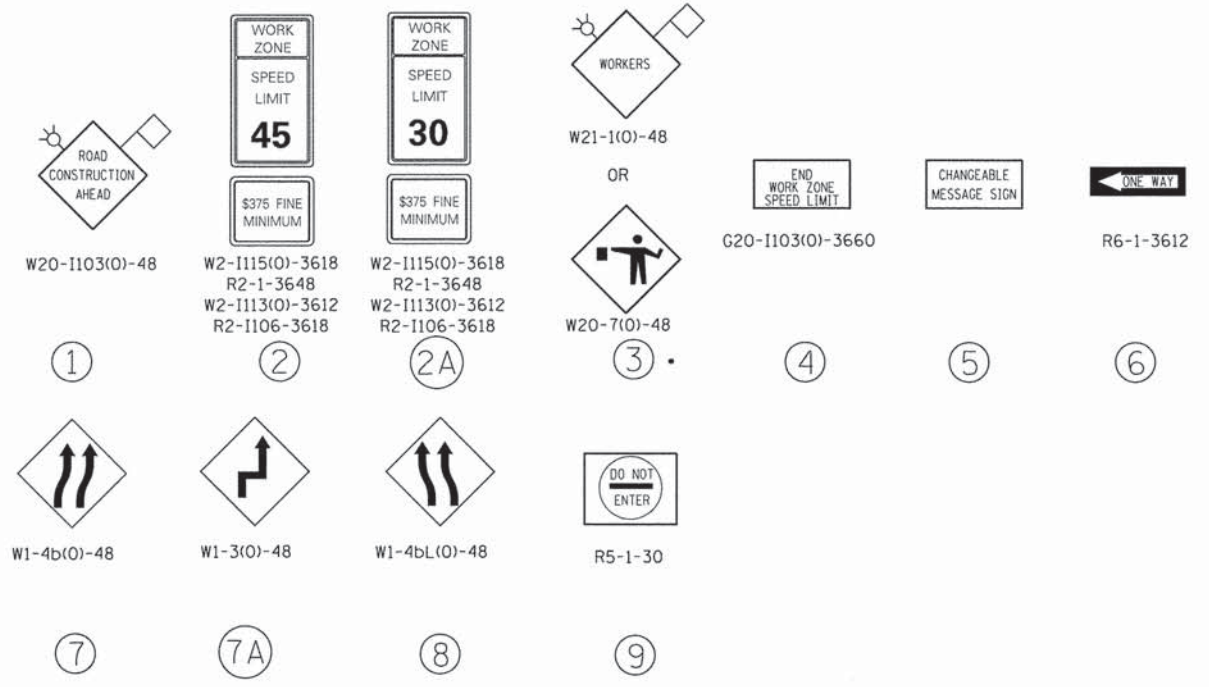
STAGE 1 CONSTRUCTION: NO ROADWAY CONSTRUCTION DURING THIS STAGE.
TRAFFIC: THE TWO LANES OF TRAFFIC WILL BE OPEN TO TRAFFIC.

STAGE 2 CONSTRUCTION: CONSTRUCT ROADWAY WIDENING ON THE BOTH SIDES OF DOUGLAS ROAD, ONE SIDE AT A TIME. NO WORK WILL BE PERMITTED SIMULTANEOUSLY ON BOTH SIDES AT ANY TIME DURING CONSTRUCTION.
TRAFFIC: ONLY THE WESTBOUND TRAFFIC WILL BE OPEN ON DOUGLAS ROAD. EASTBOUND TRAFFIC WILL BE DETOURED USING N. RADDANT ROAD, FABYAN PARKWAY AND KIRK ROAD.

STAGE 3 CONSTRUCTION: CONSTRUCT ROADWAY RESURFACING ON DOUGLAS ROAD.
TRAFFIC: ONLY THE WESTBOUND TRAFFIC WILL BE OPEN ON DOUGLAS ROAD. EASTBOUND TRAFFIC WILL BE DETOURED USING N. RADDANT ROAD, FABYAN PARKWAY AND KIRK ROAD.

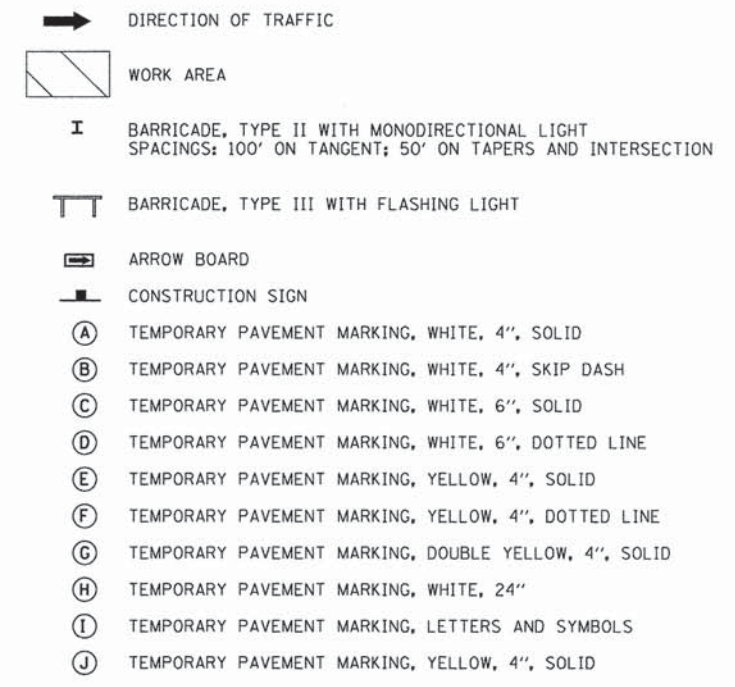
FILE NAME = T:\5167-KirkDouglasPhase2\Civil\Dgn\055	USER NAME = .USER.	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	MAINTENANCE OF TRAFFIC TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLLOT SCALE = 20,0000' / in.	PLLOT DATE = 5/28/2014	DRAWN -	REVISED -					360	08-00377-00-CH	KANE	40	17
		CHECKED -	REVISED -		SCALE: N/A			SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 63744		
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

SIGN LEGEND:

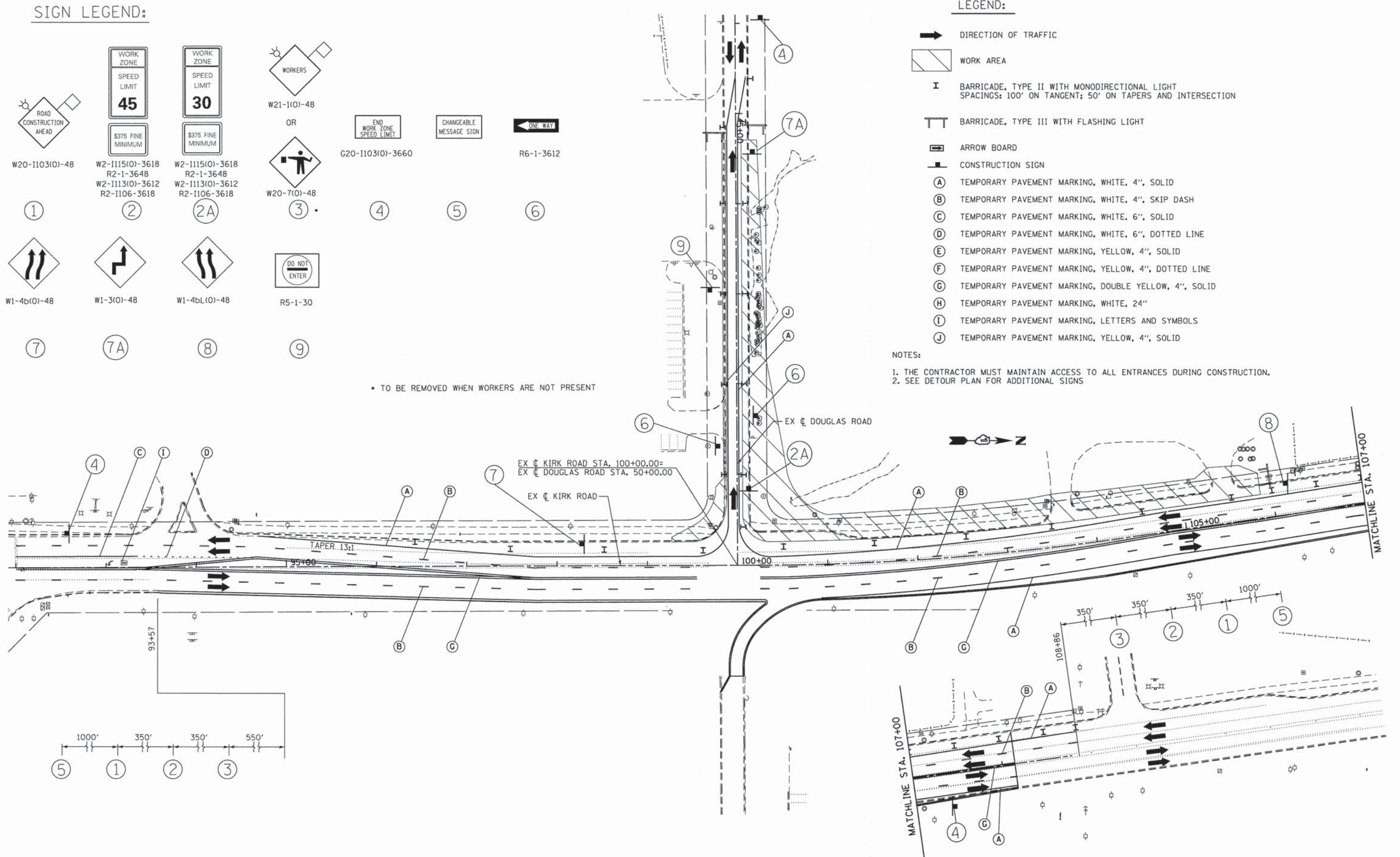


• TO BE REMOVED WHEN WORKERS ARE NOT PRESENT

LEGEND:



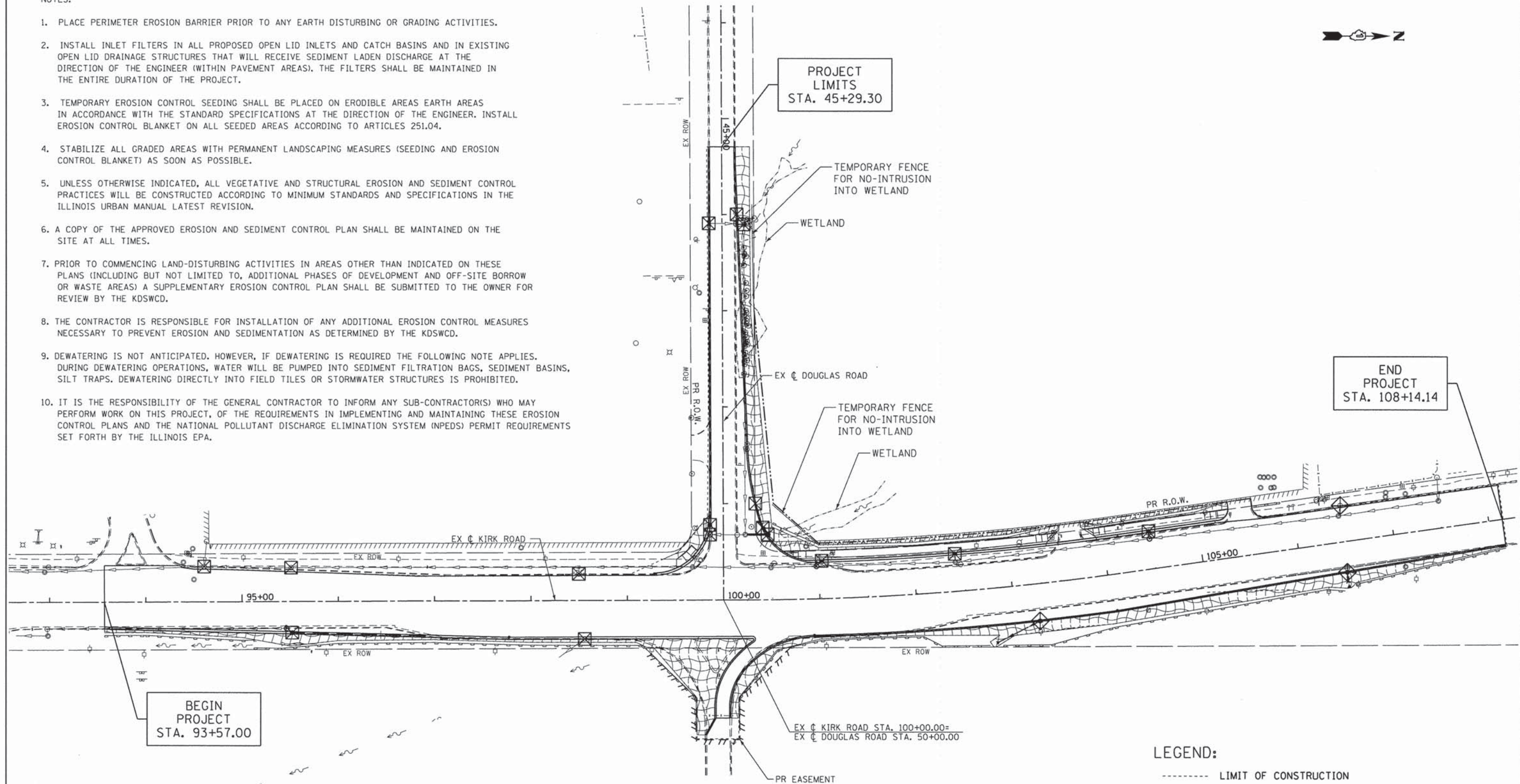
NOTES:
 1. THE CONTRACTOR MUST MAINTAIN ACCESS TO ALL ENTRANCES DURING CONSTRUCTION.
 2. SEE DETOUR PLAN FOR ADDITIONAL SIGNS



FILE NAME = T:\5167-KirkDouglasPhase2\Civil\Dgn\055tagging\5167stage208.dgn	USER NAME = .USER. 5167stage208.dgn	DESIGNED - DRAWN -	REVISED - REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 2		F.A.P. RTE. 360	SECTION 08-00377-00-CH	COUNTY KANE	TOTAL SHEETS 40	SHEET NO. 19	
PLT SCALE = 100.0000' / in.	PLT DATE = 5/29/2014	CHECKED - DATE -	REVISED - REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 63744				
ILLINOIS FED. AID PROJECT												

NOTES:

1. PLACE PERIMETER EROSION BARRIER PRIOR TO ANY EARTH DISTURBING OR GRADING ACTIVITIES.
2. INSTALL INLET FILTERS IN ALL PROPOSED OPEN LID INLETS AND CATCH BASINS AND IN EXISTING OPEN LID DRAINAGE STRUCTURES THAT WILL RECEIVE SEDIMENT LADEN DISCHARGE AT THE DIRECTION OF THE ENGINEER (WITHIN PAVEMENT AREAS). THE FILTERS SHALL BE MAINTAINED IN THE ENTIRE DURATION OF THE PROJECT.
3. TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED ON ERODIBLE AREAS EARTH AREAS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AT THE DIRECTION OF THE ENGINEER. INSTALL EROSION CONTROL BLANKET ON ALL SEEDED AREAS ACCORDING TO ARTICLES 251.04.
4. STABILIZE ALL GRADED AREAS WITH PERMANENT LANDSCAPING MEASURES (SEEDING AND EROSION CONTROL BLANKET) AS SOON AS POSSIBLE.
5. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL LATEST REVISION.
6. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
7. PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO, ADDITIONAL PHASES OF DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS) A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED TO THE OWNER FOR REVIEW BY THE KDSWCD.
8. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE KDSWCD.
9. DEWATERING IS NOT ANTICIPATED. HOWEVER, IF DEWATERING IS REQUIRED THE FOLLOWING NOTE APPLIES. DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO SEDIMENT FILTRATION BAGS, SEDIMENT BASINS, SILT TRAPS. DEWATERING DIRECTLY INTO FIELD TILES OR STORMWATER STRUCTURES IS PROHIBITED.
10. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S) WHO MAY PERFORM WORK ON THIS PROJECT, OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS AND THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS SET FORTH BY THE ILLINOIS EPA.



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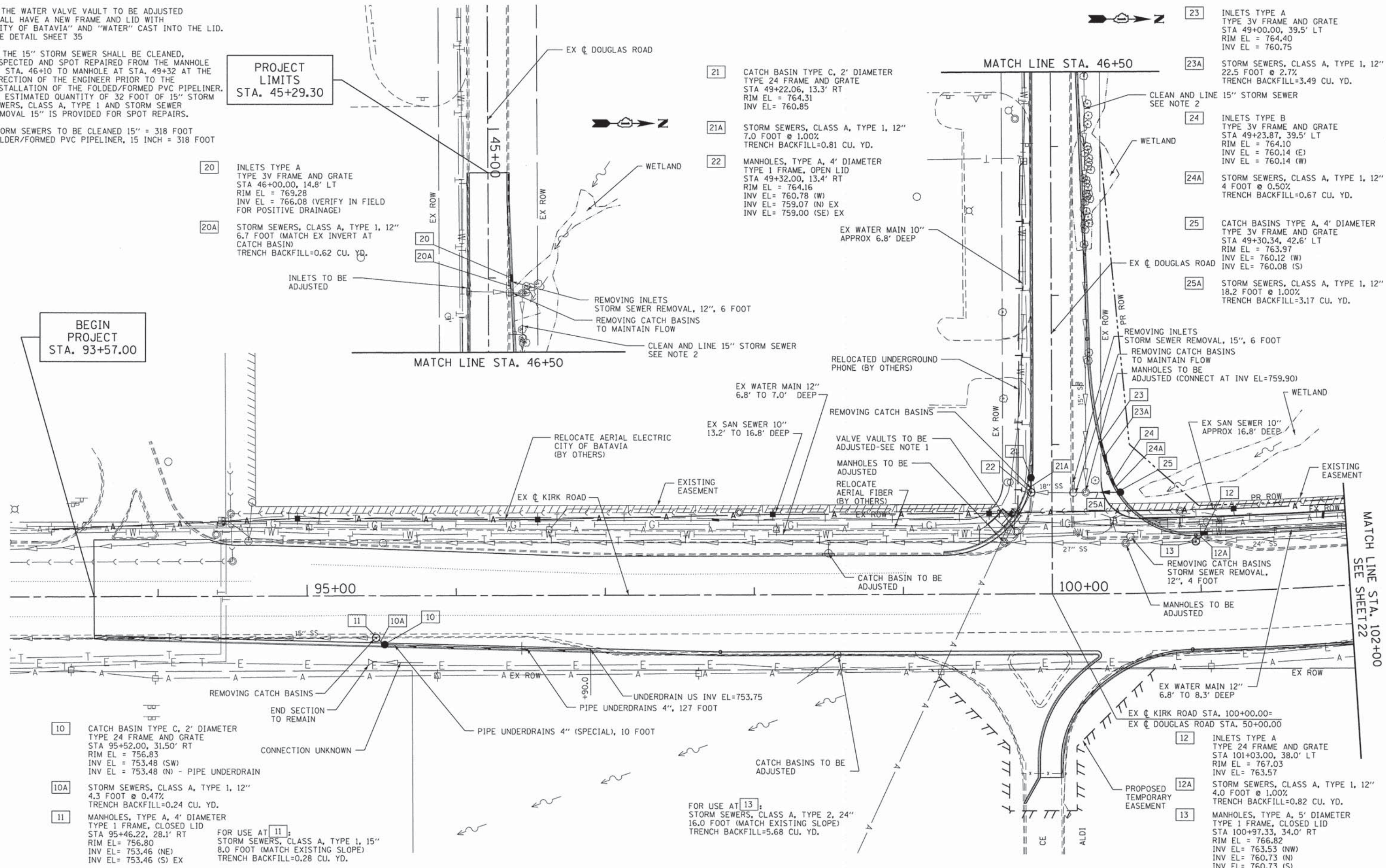
- LIMIT OF CONSTRUCTION
- ===== PERIMETER EROSION BARRIER
- ◆ INLET FILTERS
- ▨ EROSION CONTROL BLANKET & SEEDING
- TEMPORARY FENCE (NO INTRUSION WETLAND)

FILE NAME =	USER NAME = .USER_	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL KIRK ROAD AND DOUGLAS ROAD			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
T:\5167-KirkDouglasPhase2\Civil\Dgn\12ErosionSedimentControl.dgn		DRAWN -	REVISED -					360	08-00377-00-CH	KANE	40	20
PLOT SCALE = 100.0000' / 1"		CHECKED -	REVISED -		CONTRACT NO. 63744			ILLINOIS FED. AID PROJECT				
PLOT DATE = 9/24/2014		DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.					

NOTES:

1. THE WATER VALVE VAULT TO BE ADJUSTED SHALL HAVE A NEW FRAME AND LID WITH "CITY OF BATAVIA" AND "WATER" CAST INTO THE LID. SEE DETAIL SHEET 35
2. THE 15" STORM SEWER SHALL BE CLEANED, INSPECTED AND SPOT REPAIRED FROM THE MANHOLE AT STA. 46+10 TO MANHOLE AT STA. 49+32 AT THE DIRECTION OF THE ENGINEER PRIOR TO THE INSTALLATION OF THE FOLDED/FORMED PVC PIPELINER. AN ESTIMATED QUANTITY OF 32 FOOT OF 15" STORM SEWERS, CLASS A, TYPE 1 AND STORM SEWER REMOVAL 15" IS PROVIDED FOR SPOT REPAIRS.

STORM SEWERS TO BE CLEANED 15" = 318 FOOT
 FOLDER/FORMED PVC PIPELINER, 15 INCH = 318 FOOT



PROJECT LIMITS
 STA. 45+29.30

BEGIN PROJECT
 STA. 93+57.00

- 20 INLETS TYPE A
 TYPE 3V FRAME AND GRATE
 STA 46+00.00, 14.8' LT
 RIM EL = 769.28
 INV EL = 766.08 (VERIFY IN FIELD FOR POSITIVE DRAINAGE)
- 20A STORM SEWERS, CLASS A, TYPE 1, 12"
 6.7 FOOT (MATCH EX INVERT AT CATCH BASIN)
 TRENCH BACKFILL=0.62 CU. YD.

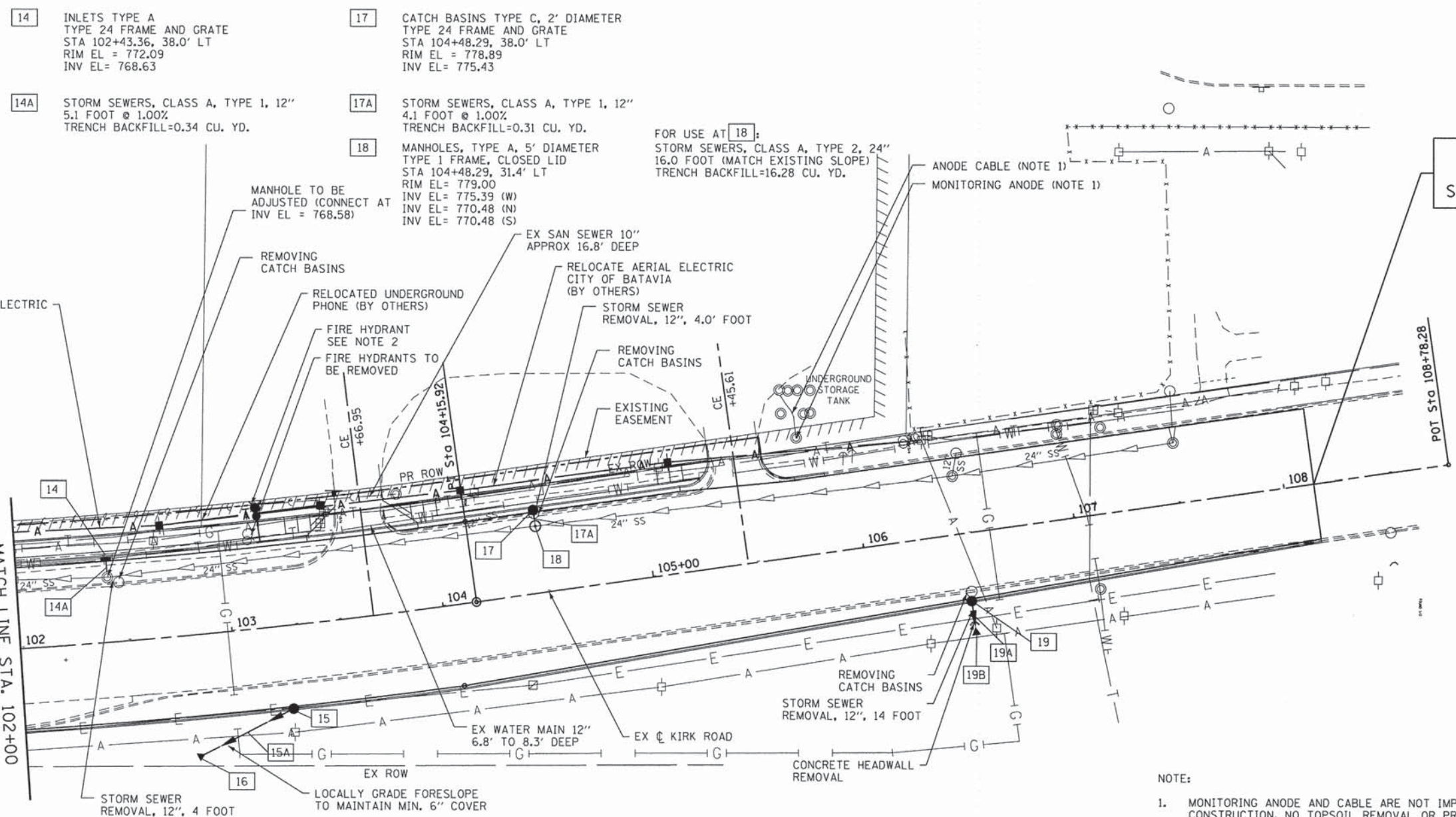
- 21 CATCH BASIN TYPE C, 2' DIAMETER
 TYPE 24 FRAME AND GRATE
 STA 49+22.06, 13.3' RT
 RIM EL = 764.31
 INV EL= 760.85
- 21A STORM SEWERS, CLASS A, TYPE 1, 12"
 7.0 FOOT @ 1.00%
 TRENCH BACKFILL=0.81 CU. YD.
- 22 MANHOLES, TYPE A, 4' DIAMETER
 TYPE 1 FRAME, OPEN LID
 STA 49+32.00, 13.4' RT
 RIM EL = 764.16
 INV EL= 760.78 (W)
 INV EL= 759.07 (N) EX
 INV EL= 759.00 (SE) EX

- 23 INLETS TYPE A
 TYPE 3V FRAME AND GRATE
 STA 49+00.00, 39.5' LT
 RIM EL = 764.40
 INV EL = 760.75
- 23A STORM SEWERS, CLASS A, TYPE 1, 12"
 22.5 FOOT @ 2.7%
 TRENCH BACKFILL=3.49 CU. YD.
- 24 INLETS TYPE B
 TYPE 3V FRAME AND GRATE
 STA 49+23.87, 39.5' LT
 RIM EL = 764.10
 INV EL = 760.14 (E)
 INV EL = 760.14 (W)
- 24A STORM SEWERS, CLASS A, TYPE 1, 12"
 4 FOOT @ 0.50%
 TRENCH BACKFILL=0.67 CU. YD.
- 25 CATCH BASINS TYPE A, 4' DIAMETER
 TYPE 3V FRAME AND GRATE
 STA 49+30.34, 42.6' LT
 RIM EL = 763.97
 INV EL= 760.12 (W)
 INV EL= 760.08 (S)
- 25A STORM SEWERS, CLASS A, TYPE 1, 12"
 18.2 FOOT @ 1.00%
 TRENCH BACKFILL=3.17 CU. YD.

- 10 CATCH BASIN TYPE C, 2' DIAMETER
 TYPE 24 FRAME AND GRATE
 STA 95+52.00, 31.50' RT
 RIM EL = 756.83
 INV EL = 753.48 (SW)
 INV EL = 753.48 (N) - PIPE UNDERDRAIN
- 10A STORM SEWERS, CLASS A, TYPE 1, 12"
 4.3 FOOT @ 0.47%
 TRENCH BACKFILL=0.24 CU. YD.
- 11 MANHOLES, TYPE A, 4' DIAMETER
 TYPE 1 FRAME, CLOSED LID
 STA 95+46.22, 28.1' RT
 RIM EL = 756.80
 INV EL = 753.46 (NE)
 INV EL = 753.46 (S) EX

FOR USE AT 13:
 STORM SEWERS, CLASS A, TYPE 2, 24"
 16.0 FOOT (MATCH EXISTING SLOPE)
 TRENCH BACKFILL=5.68 CU. YD.

FILE NAME =	USER NAME = .USER.	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	PROPOSED DRAINAGE & UTILITIES KIRK ROAD AND DOUGLAS ROAD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
T:\5167-KirkDouglasPhase2\Civil\Dgn\87Dm\Util\VD&UI.dgn	PLOT SCALE = 60,0000' / in.	DRAWN -	REVISED -			360	08-00377-00-CH	KANE	40	21	
PLOT DATE = 5/28/2014	DATE -	CHECKED -	REVISED -			CONTRACT NO. 63744					
						ILLINOIS FED. AID PROJECT					



14 INLETS TYPE A
TYPE 24 FRAME AND GRATE
STA 102+43.36, 38.0' LT
RIM EL = 772.09
INV EL = 768.63

17 CATCH BASINS TYPE C, 2' DIAMETER
TYPE 24 FRAME AND GRATE
STA 104+48.29, 38.0' LT
RIM EL = 778.89
INV EL = 775.43

14A STORM SEWERS, CLASS A, TYPE 1, 12"
5.1 FOOT @ 1.00%
TRENCH BACKFILL=0.34 CU. YD.

17A STORM SEWERS, CLASS A, TYPE 1, 12"
4.1 FOOT @ 1.00%
TRENCH BACKFILL=0.31 CU. YD.

18 MANHOLES, TYPE A, 5' DIAMETER
TYPE 1 FRAME, CLOSED LID
STA 104+48.29, 31.4' LT
RIM EL = 779.00
INV EL = 775.39 (W)
INV EL = 770.48 (N)
INV EL = 770.48 (S)

FOR USE AT 18:
STORM SEWERS, CLASS A, TYPE 2, 24"
16.0 FOOT (MATCH EXISTING SLOPE)
TRENCH BACKFILL=16.28 CU. YD.

END PROJECT
STA. 108+14.14

RELOCATE AERIAL ELECTRIC
CITY OF BATAVIA
(BY OTHERS)

MANHOLE TO BE
ADJUSTED (CONNECT AT
INV EL = 768.58)

REMOVING
CATCH BASINS

RELOCATED UNDERGROUND
PHONE (BY OTHERS)

FIRE HYDRANT
SEE NOTE 2
FIRE HYDRANTS TO
BE REMOVED

EX SAN SEWER 10"
APPROX 16.8' DEEP

RELOCATE AERIAL ELECTRIC
CITY OF BATAVIA
(BY OTHERS)

STORM SEWER
REMOVAL, 12", 4.0' FOOT

REMOVING
CATCH BASINS

EXISTING
EASEMENT

UNDERGROUND
STORAGE
TANK

MATCH LINE STA. 102+00
SEE SHEET 21

POT STA 108+78.28

STORM SEWER
REMOVAL, 12", 4 FOOT

LOCALLY GRADE FORESLOPE
TO MAINTAIN MIN. 6" COVER

15 CATCH BASINS TYPE C, 2' DIAMETER
TYPE 3V FRAME AND GRATE
STA 103+25.00, 38.0' RT
RIM EL = 775.77
INV EL = 772.75

15A STORM SEWERS, CLASS A, TYPE 1, 12"
43.2' FOOT @ 0.50%
TRENCH BACKFILL=0.09 CU. YD.

16 PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 12"
STA 102+78.92, 57.3' RT
DSFL EL = 772.50
(STATION AND OFFSET AT DOWNSTREAM END OF END SECTION)

19 CATCH BASINS TYPE C, 2' DIAMETER
TYPE 3V FRAME AND GRATE
STA 106+47.00, 30.89' RT
RIM EL = 782.23
INV EL = 778.62

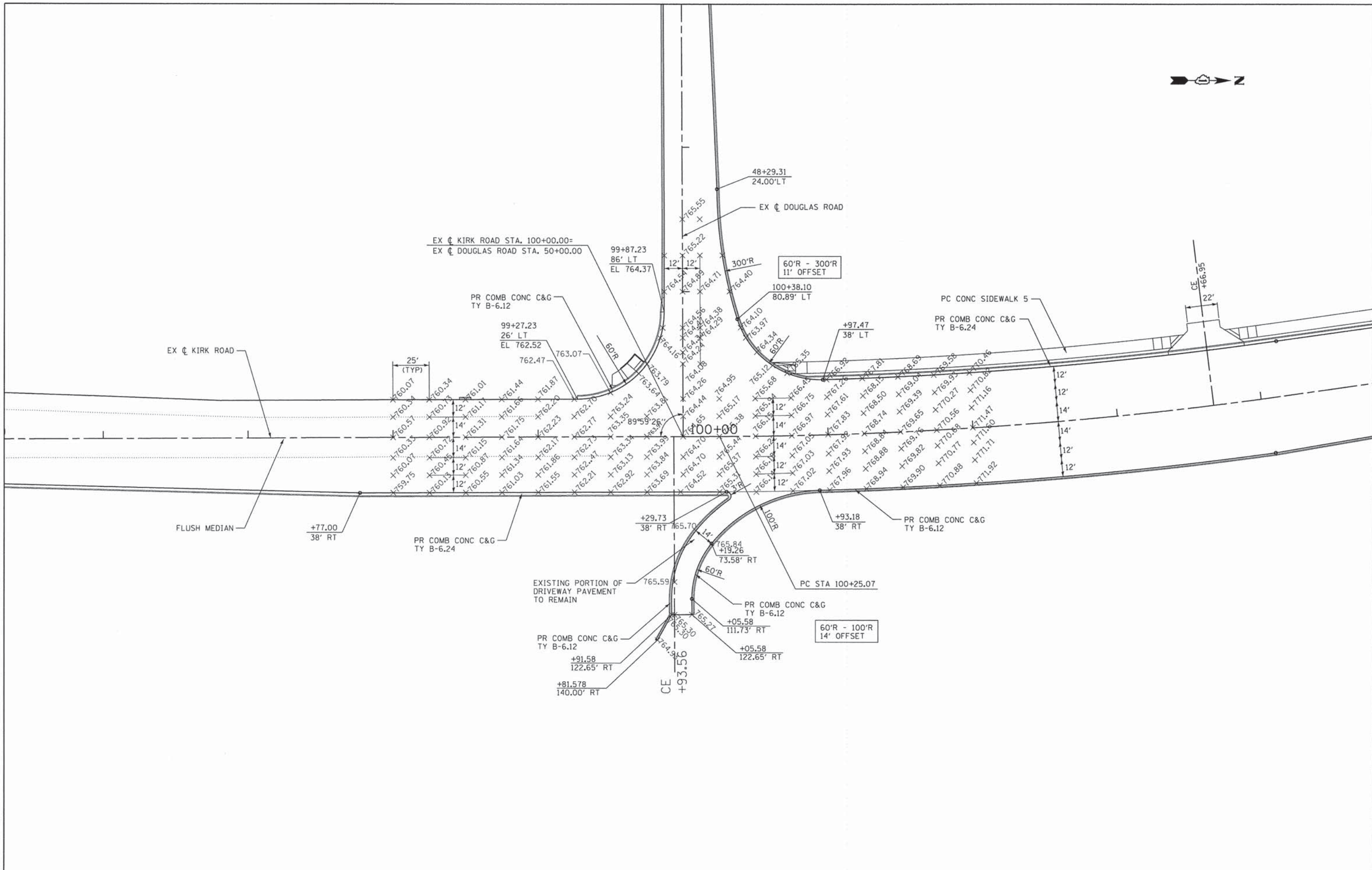
19A STORM SEWERS, CLASS A, TYPE 1, 12"
9.0' FOOT @ 0.50%
TRENCH BACKFILL=0.23 CU. YD.

19B PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 12"
STA 106+47.00, 48.0' RT
DSFL EL = 778.55
(STATION AND OFFSET AT DOWNSTREAM END OF END SECTION)

NOTE:

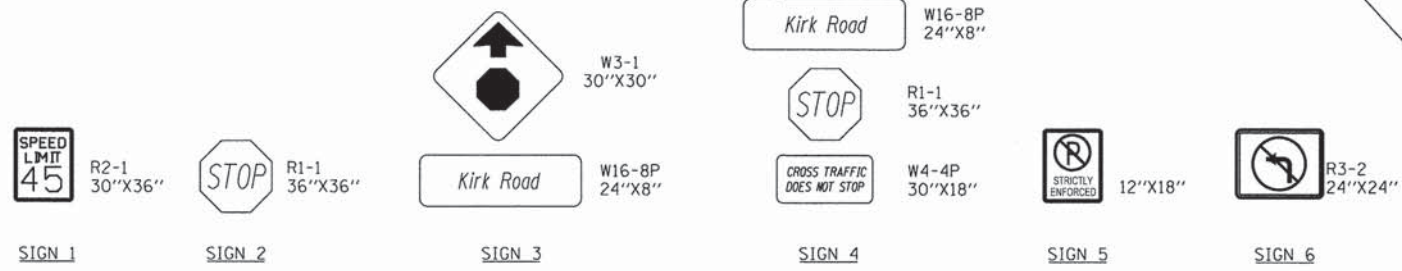
- MONITORING ANODE AND CABLE ARE NOT IMPACTED BY THE SIDEWALK CONSTRUCTION. NO TOPSOIL REMOVAL OR PROPOSED TOPSOIL ARE NEEDED AROUND THE MONITORING ANODE.
- INSTALL NEW FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX. APPROXIMATE LOCATION OF STA. 103+17, 56.5' LT FOR HYDRANT. FINAL LOCATION OF VALVE BOX AND HYDRANT TO BE COORDINATED IN THE FIELD WITH THE CITY OF BATAVIA DEPARTMENT OF PUBLIC WORKS.

FILE NAME =	USER NAME = .USER.	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	PROPOSED DRAINAGE & UTILITIES KIRK ROAD AND DOUGLAS ROAD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Tr\5167-KirkDouglasPhase2\Civil\Dgn\87Drain\Uti\0&U2.dgn		DRAWN -	REVISED -			360	08-00377-00-CH	KANE	40	22
PLOT SCALE = 60,0000' / 1"		CHECKED -	REVISED -			CONTRACT NO. 63744				
PLOT DATE = 5/28/2014		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
						SCALE:	SHEET NO. OF SHEETS	STA. TO STA.		



FILE NAME = T:\5167-KirkDouglasPhase2\Civil\Drawings\IntDetail.dgn	USER NAME = .USER Details\IntDetail.dgn	DESIGNED - DRAWN -	REVISED - REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	PROPOSED INTERSECTION DETAILS KIRK ROAD AND DOUGLAS ROAD	F.A.P. RTE. = 360	SECTION 08-00377-00-CH	COUNTY KANE	TOTAL SHEETS 40	SHEET NO. 23	
PLOT SCALE = 60.0000' / in.	CHECKED -	REVISED -	SCALE:			SHEET NO. OF SHEETS STA. TO STA.	CONTRACT NO. 63744				
PLOT DATE = 5/28/2014	DATE -	REVISED -	ILLINOIS FED. AID PROJECT								

SIGN LEGEND:

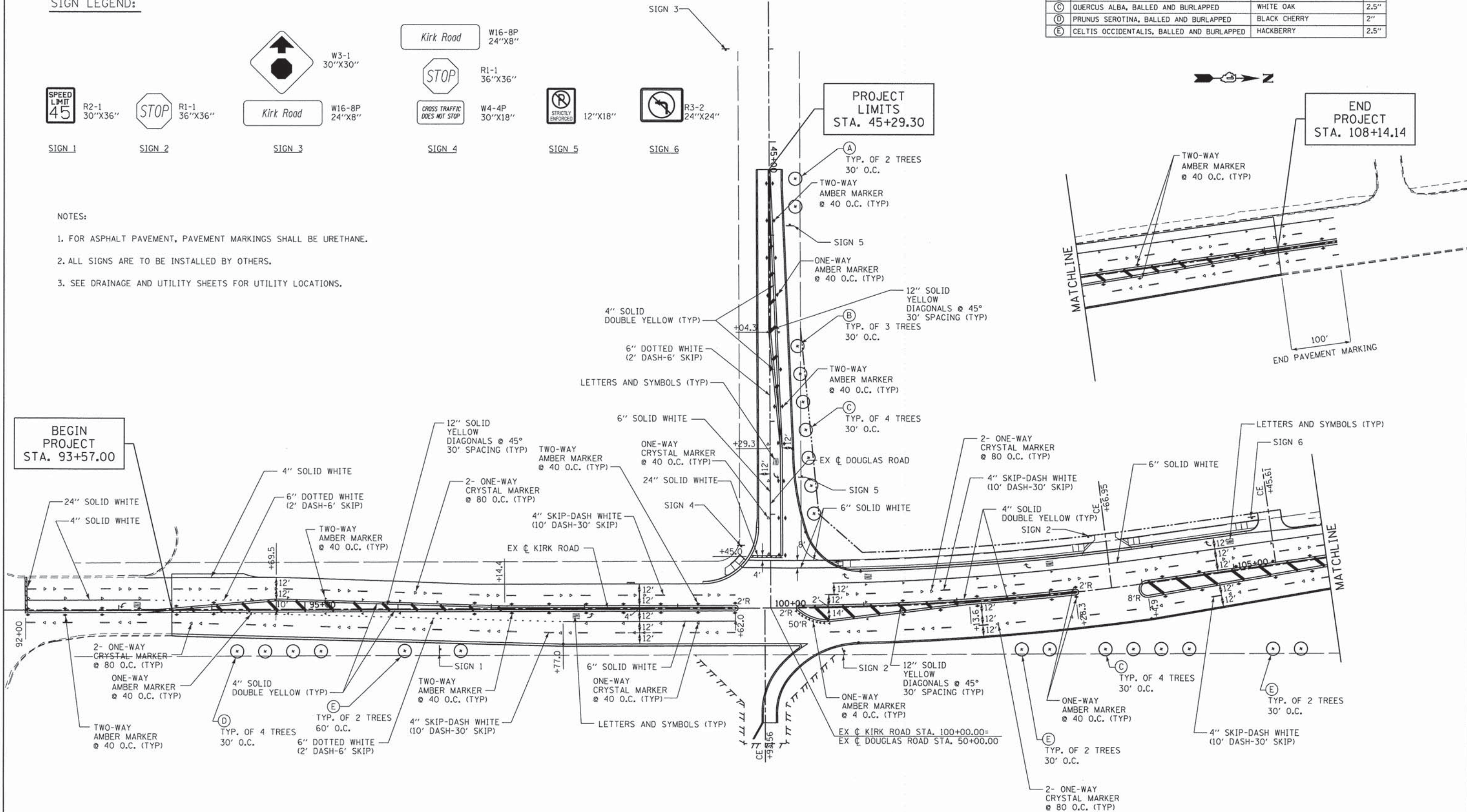


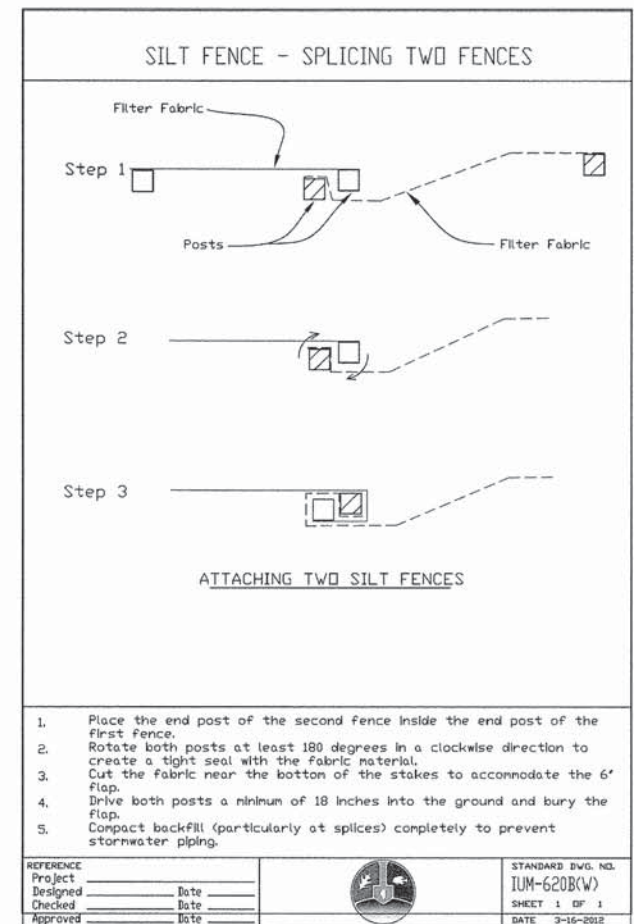
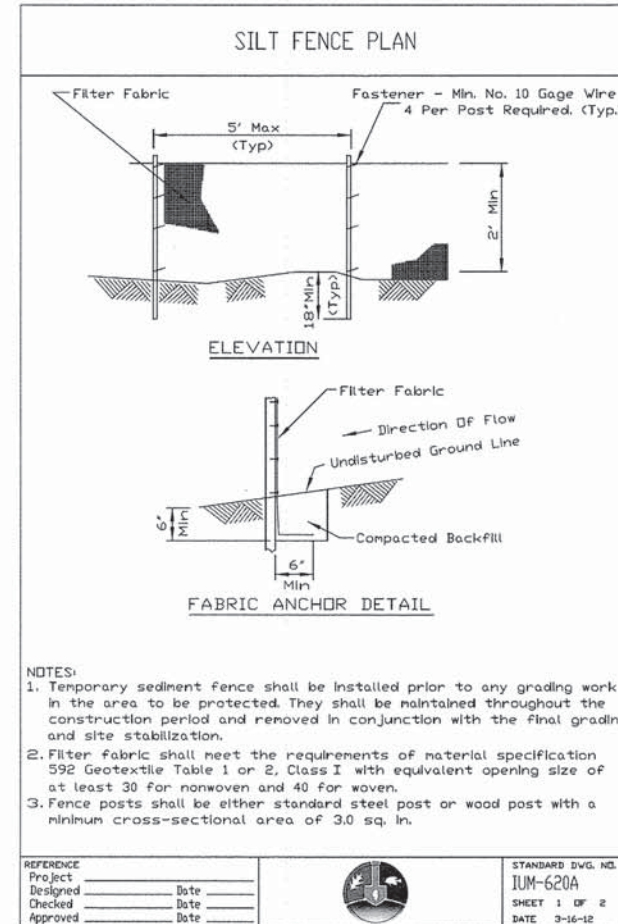
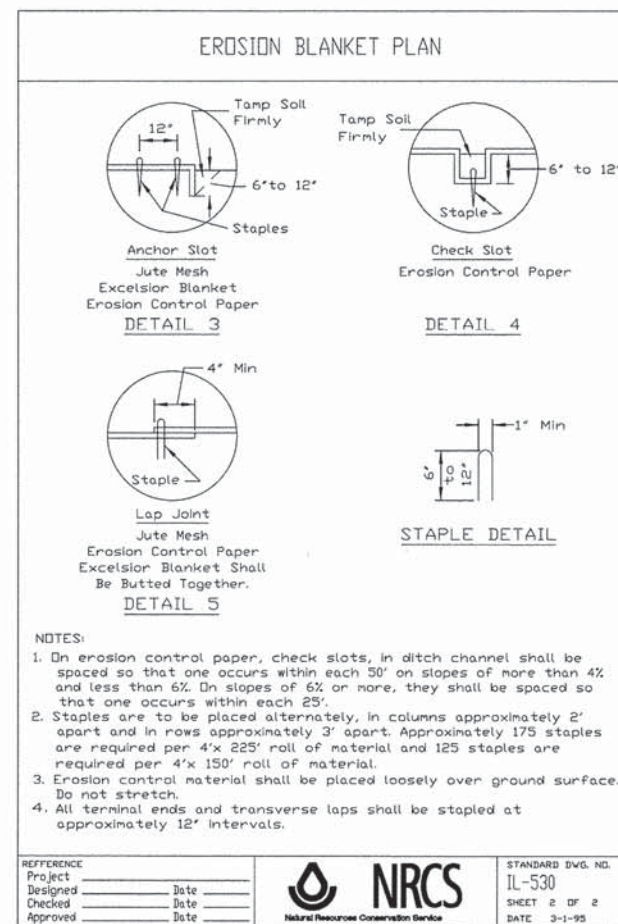
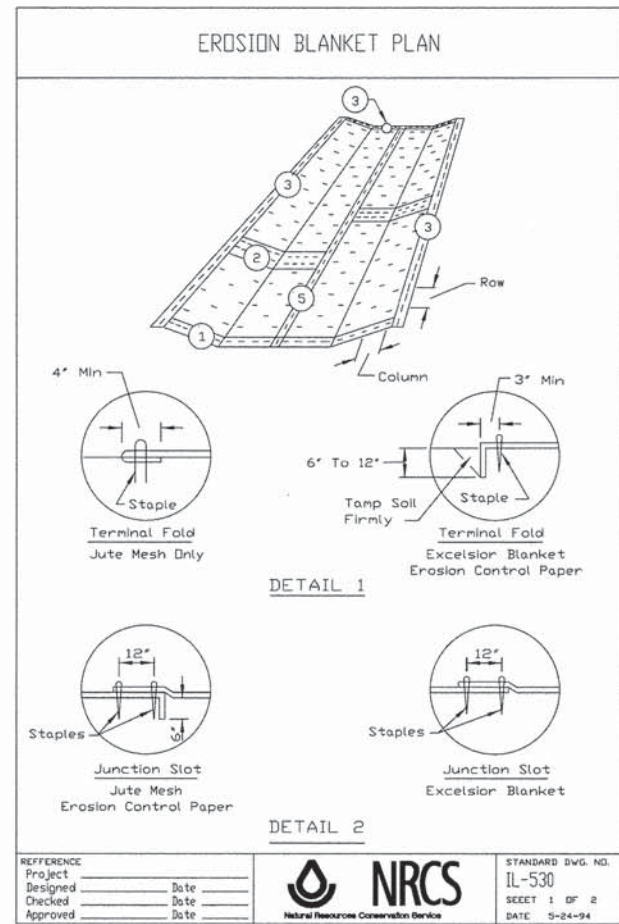
NOTES:

1. FOR ASPHALT PAVEMENT, PAVEMENT MARKINGS SHALL BE URETHANE.
2. ALL SIGNS ARE TO BE INSTALLED BY OTHERS.
3. SEE DRAINAGE AND UTILITY SHEETS FOR UTILITY LOCATIONS.

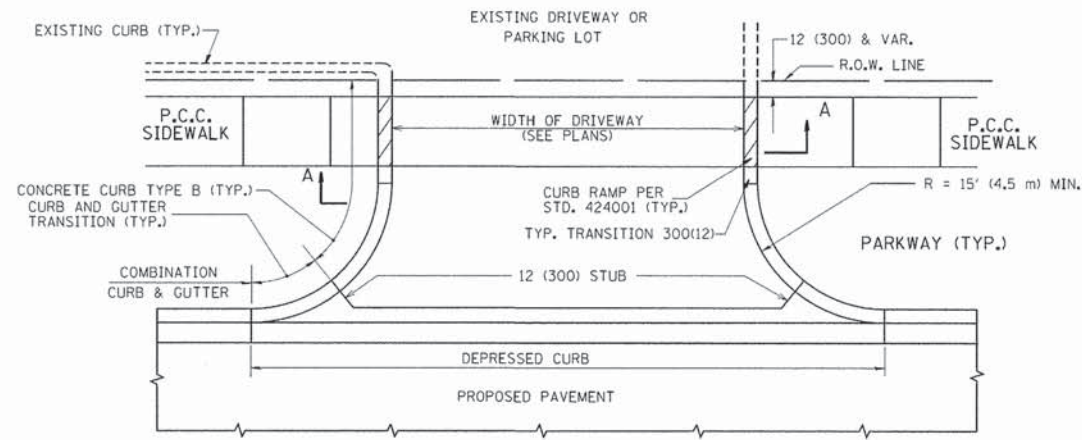
PROPOSED TREE LEGEND:

KEY	ITEM	COMMON NAME	SIZE
(A)	GYMNOCLADUS DIOICUS, BALLED AND BURLAPPED	KENTUCKY COFFEE TREE	2.5"
(B)	TILIA AMERICANA, BALLED AND BURLAPPED	AMERICAN BASSWOOD	2.5"
(C)	QUERCUS ALBA, BALLED AND BURLAPPED	WHITE OAK	2.5"
(D)	PRUNUS SEROTINA, BALLED AND BURLAPPED	BLACK CHERRY	2"
(E)	CELTIS OCCIDENTALIS, BALLED AND BURLAPPED	HACKBERRY	2.5"

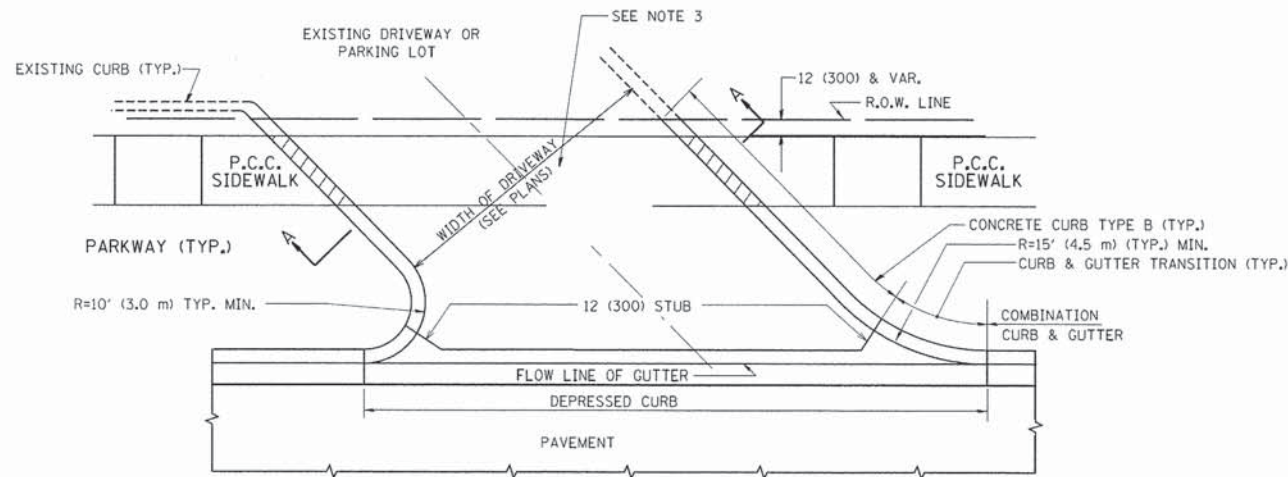




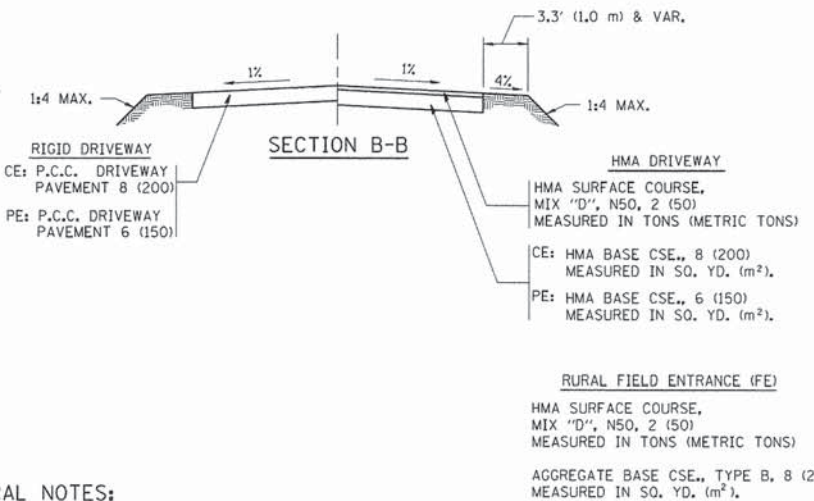
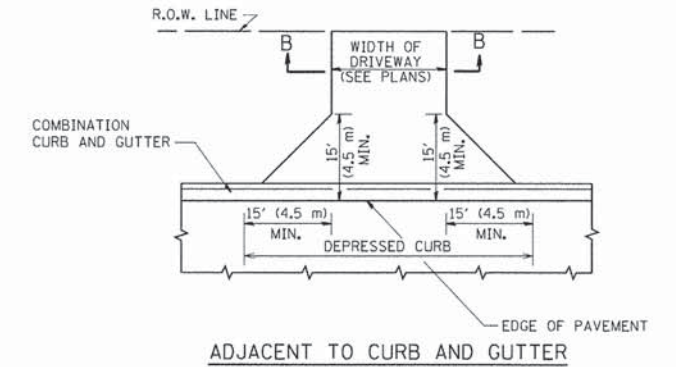
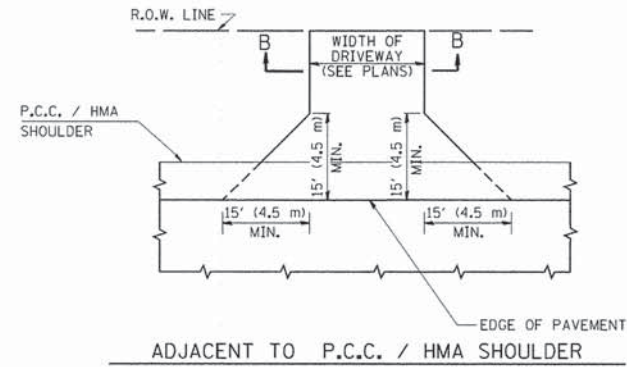
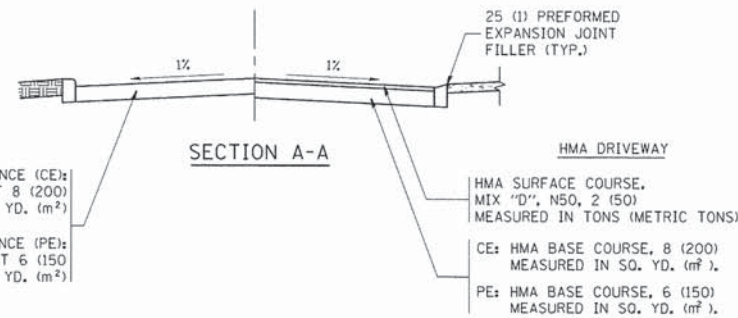
FILE NAME =	USER NAME = .USER.	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
T:\5167-KirkDouglasPhase2\Civil\17Deta	ils\5167_det\UpdatedRoster.dgn	DRAWN -	REVISED -			360	08-00377-00-CH	KANE	40	25
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 63744				
PLOT DATE = 5/28/2014	DATE - 5/28/2014	REVISED -	REVISED -			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 = c:\pwork\pwork\lsgsa\0100315\bd01.dgn	USER NAME = lsgsa	DESIGNED - R. SHAH	REVISED - P. LOFLUER 04-15-03
		DRAWN -	REVISED - R. BORO 01-01-07
		CHECKED -	REVISED - R. BORO 06-11-08
		DATE - 11-04-95	REVISED - R. BORO 09-06-11

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W.
AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	BD0156-07 (BD-01)			
CONTRACT NO.				
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

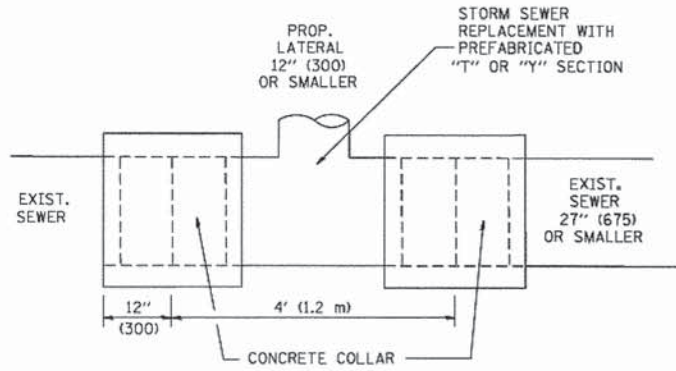
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		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE - 5/28/2014	REVISED -

KANE COUNTY
DIVISION OF TRANSPORTATION

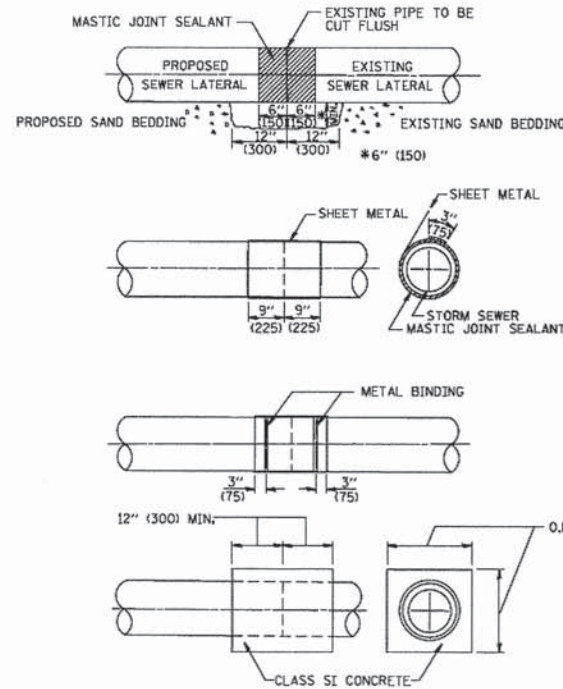
STANDARD DETAILS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
360	08-00377-00-CH	KANE	40	26
CONTRACT NO. 63744				
[ILLINOIS] FED. AID PROJECT				



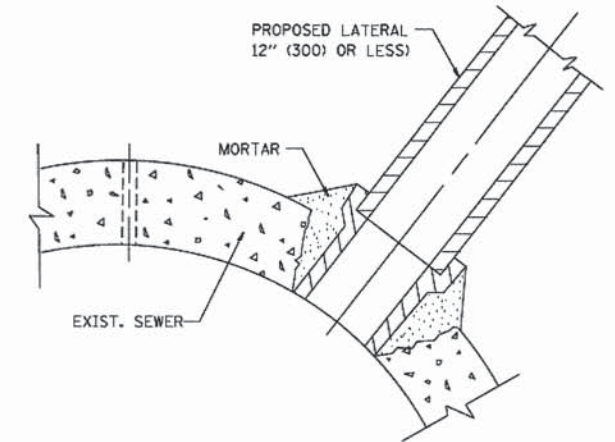
DETAIL "A"
LATERAL CONNECTION TO EXISTING SEWER
OF 27" (675) OR SMALLER



DETAIL "B"
CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

- CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
- APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
- BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12" x 6" (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
- CUT A PIECE OF SHEET METAL GAGE NO. 19 I.I (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
- WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
- LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
- PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
- WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OZZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
- PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"
PROPOSED LATERAL
CONNECTION TO EXISTING SEWER
OF 30" (750) OR LARGER

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
 - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
 - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

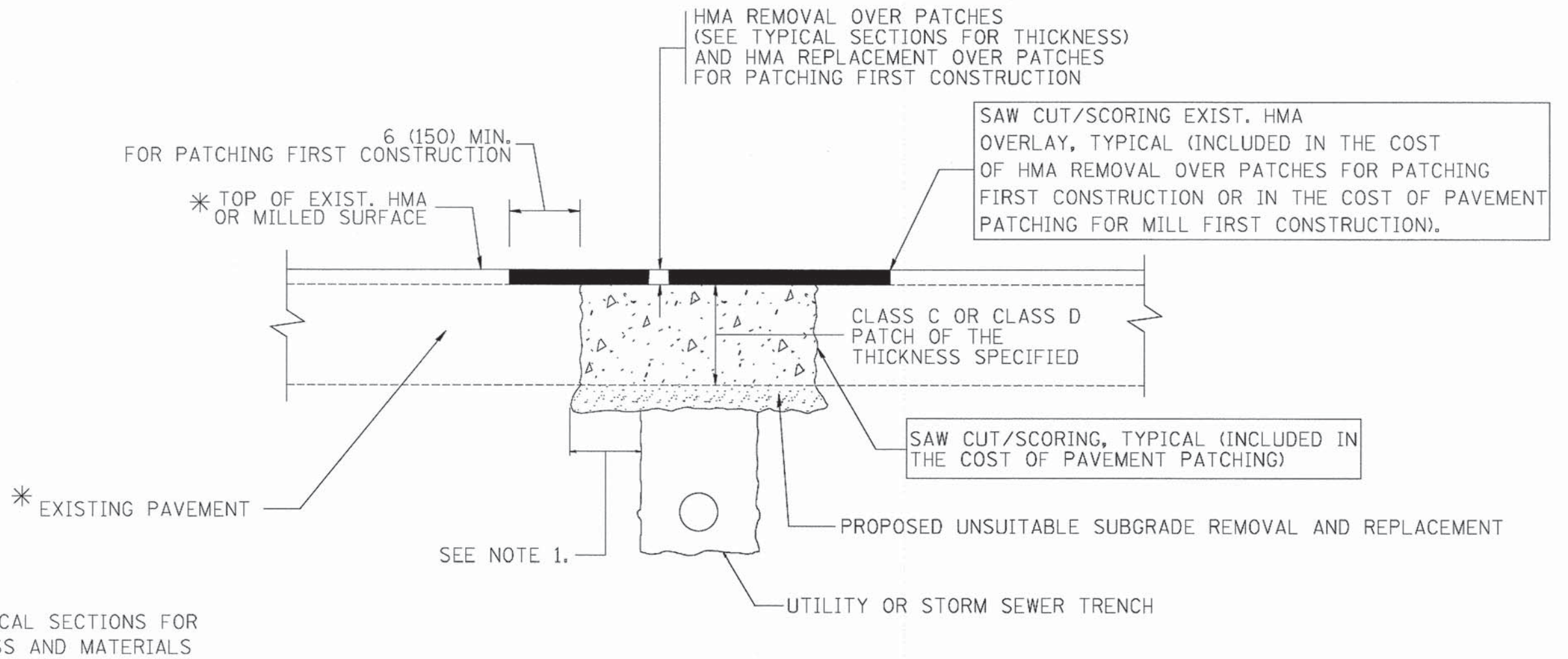
TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

FILE NAME = W:\distad\22x34\bd87.dgn	USER NAME = geg10nabt	DESIGNED - M. DE YONG	REVISED - M. DE YONG 05-08-92	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. SHAH 09-09-94		BD500-01 (BD-7)							
		CHECKED -	REVISED - R. SHAH 10-25-94		SCALE: NONE							
		DATE - 07-25-90	REVISED - R. SHAH 06-12-96		SHEET NO. 1 OF 1 SHEETS			CONTRACT NO.				

FILE NAME = T:\5167-KirkDouglasPhase2\Civil\10gn\17D	USER NAME = _USER_	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	STANDARD DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -		SCALE:							
		CHECKED -	REVISED -		SHEET NO. OF SHEETS							
		DATE - 5/28/2014	REVISED -		STA. TO STA.			CONTRACT NO. 63744				



* 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.

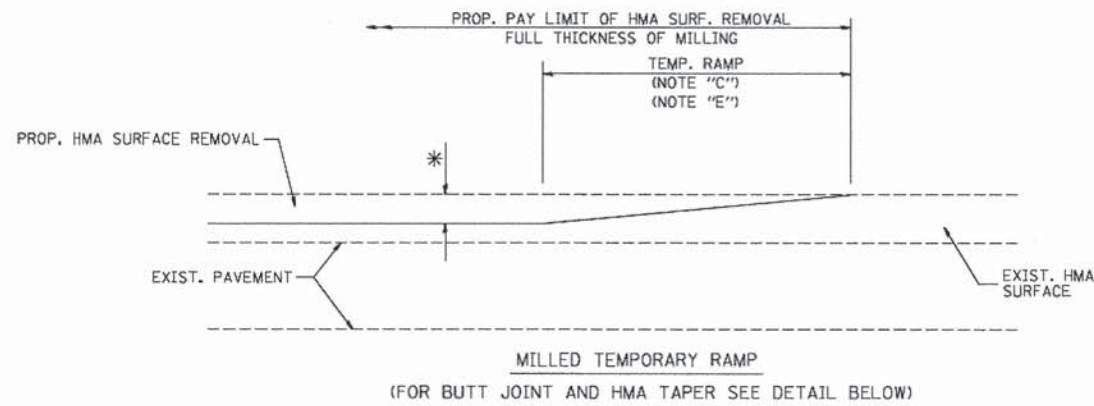
SEQUENCE OF CONSTRUCTION (MILLING FIRST)

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.

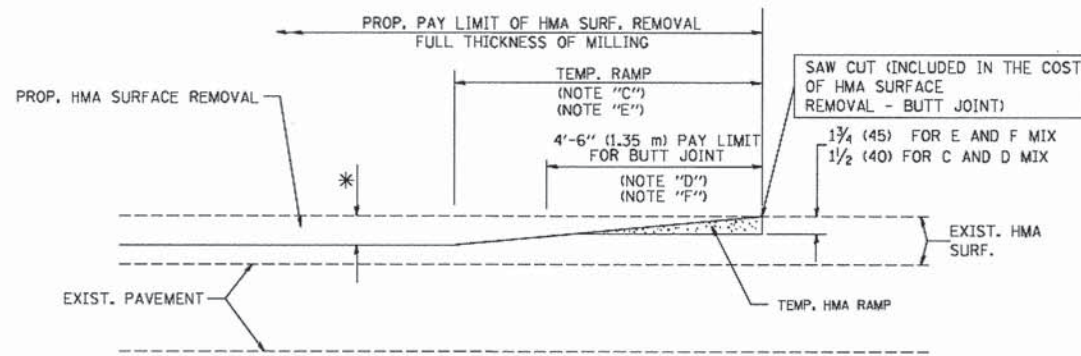
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = c:\projects\d22222\34\bd22.dgn	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. BORO 01-01-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	BD400-04 (BD-22)		CONTRACT NO.
		PLOT SCALE = 50.0000' / IN.	REVISED - R. BORO 09-04-07		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						
		PLOT DATE = 10/27/2008	REVISED - K. ENG 10-27-08								

FILE NAME = Tr\5167-KirkDouglasPhase2\Civil\Dgn\17Details\5167_detail 8022.dgn	USER NAME = .USER.	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	STANDARD DETAILS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.	08-00377-00-CH		CONTRACT NO. 63744
		PLOT SCALE = 20.0000' / IN.	REVISED -		ILLINOIS FED. AID PROJECT						
		PLOT DATE = 5/28/2014	REVISED -								



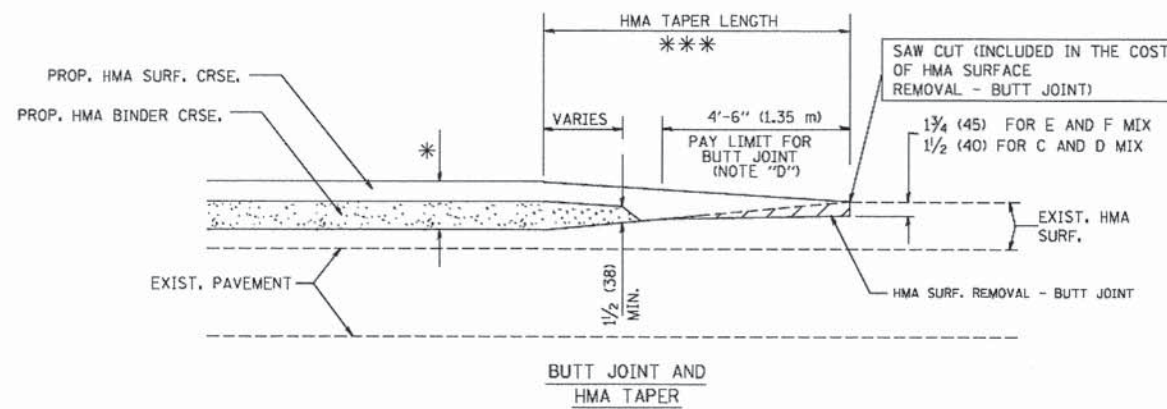
OPTION 1



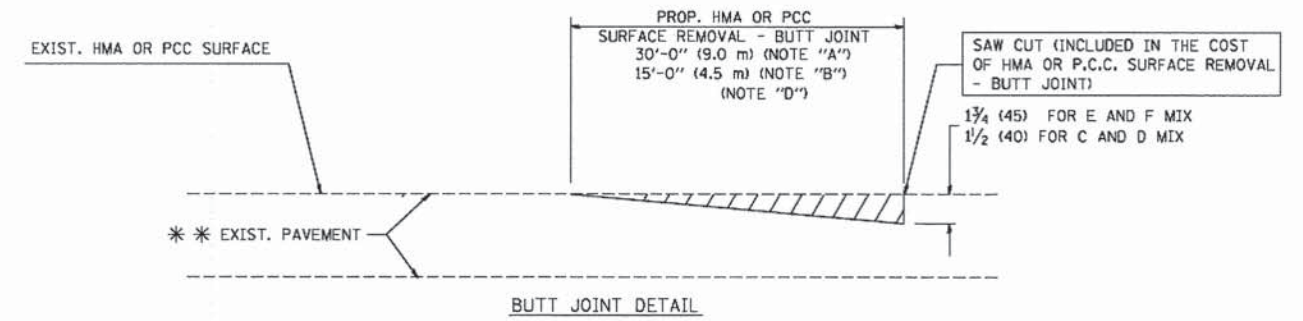
HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

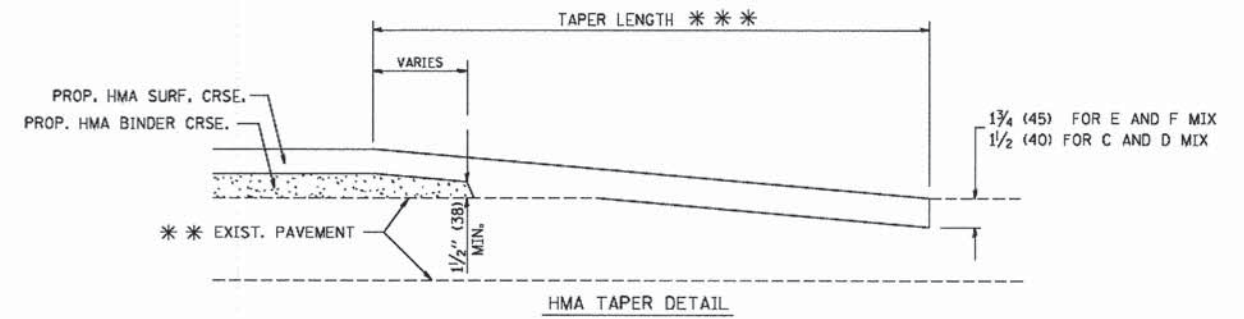
TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER
FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER
FOR RESURFACING ONLY

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

NOTES

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

BASIS OF PAYMENT:

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

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

FILE NAME = W:\atstd\22x34\bd32.dgn	USER NAME = gagliardi	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

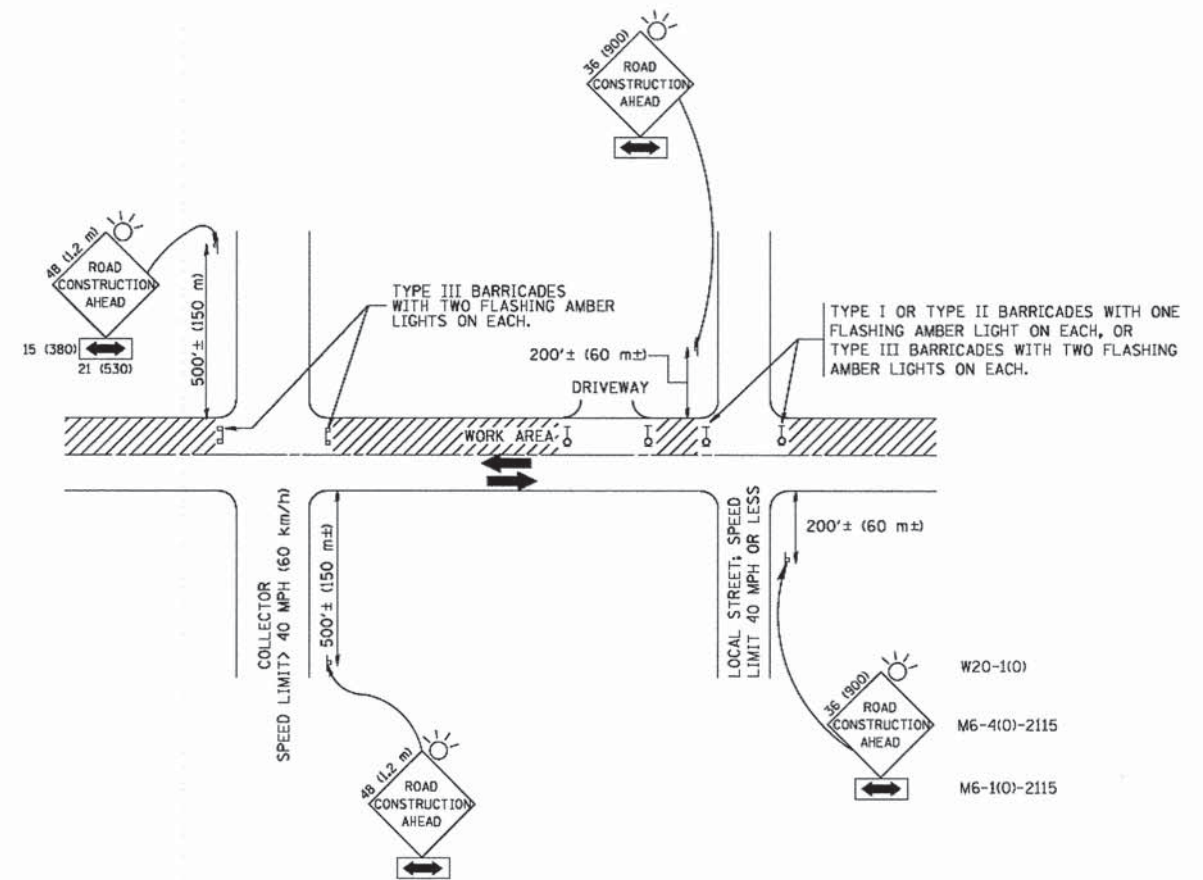
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: NONE		360	08-00377-00-CH	KANE	40	29
SHEET NO. 1 OF 1 SHEETS		CONTRACT NO.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		

FILE NAME = T:\5167-KirkDouglasPhase2\Civil\Dgn\17Details\5167_detail B032.dgn	USER NAME = .USER.	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/28/2014	DATE - 5/28/2014	REVISED -

KANE COUNTY
DIVISION OF TRANSPORTATION

STANDARD DETAILS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE:		360	08-00377-00-CH	KANE	40	29
SHEET NO. OF SHEETS		CONTRACT NO. 63744		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 DRIVEWAYS:
 - 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 = W:\d\statd\22\34\tc18.dgn	USER NAME = goglbomobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50,000' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	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.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TC-10			CONTRACT NO.	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

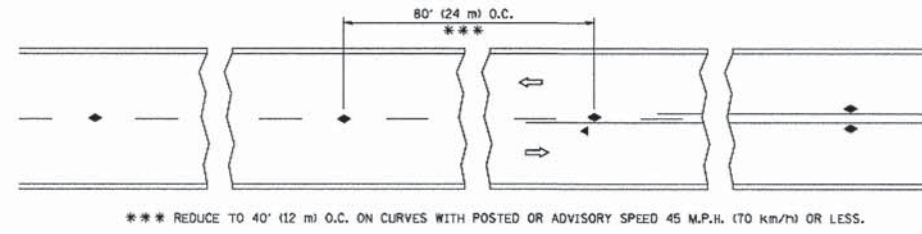
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KANE COUNTY
DIVISION OF TRANSPORTATION

STANDARD DETAILS

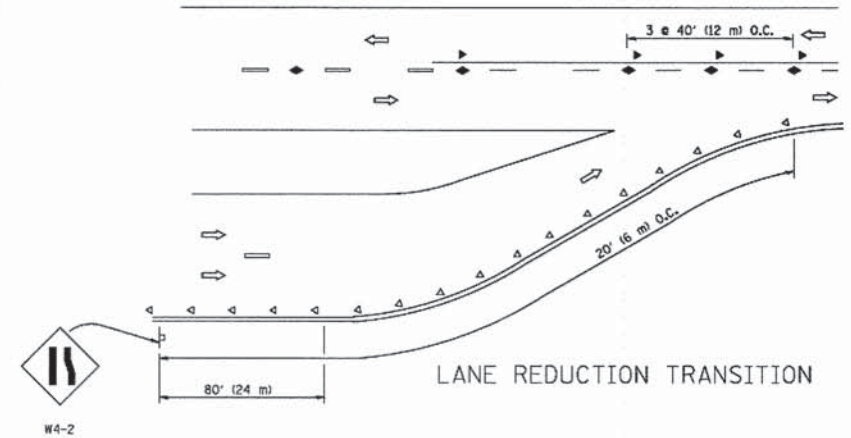
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
360	08-00377-00-CH	KANE	40	30
CONTRACT NO. 63744				
ILLINOIS FED. AID PROJECT				

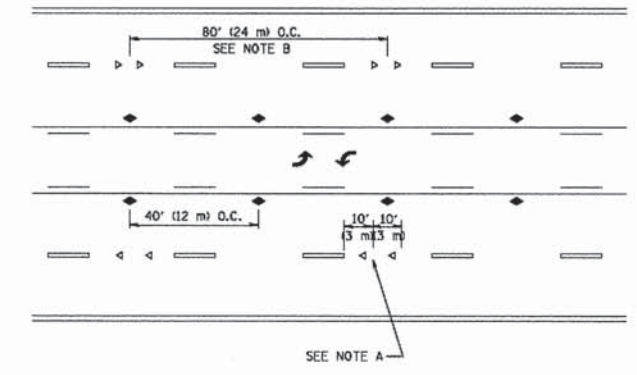


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

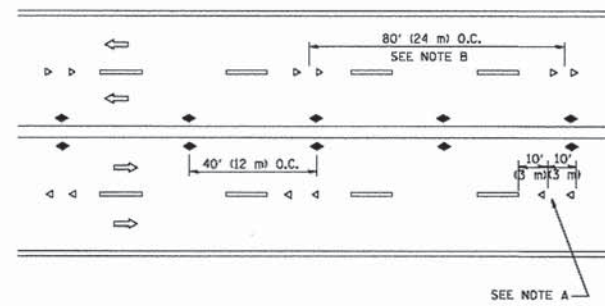
TWO-LANE/TWO-WAY



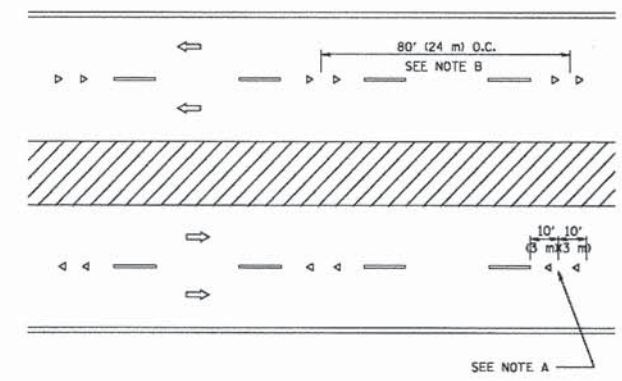
LANE REDUCTION TRANSITION



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

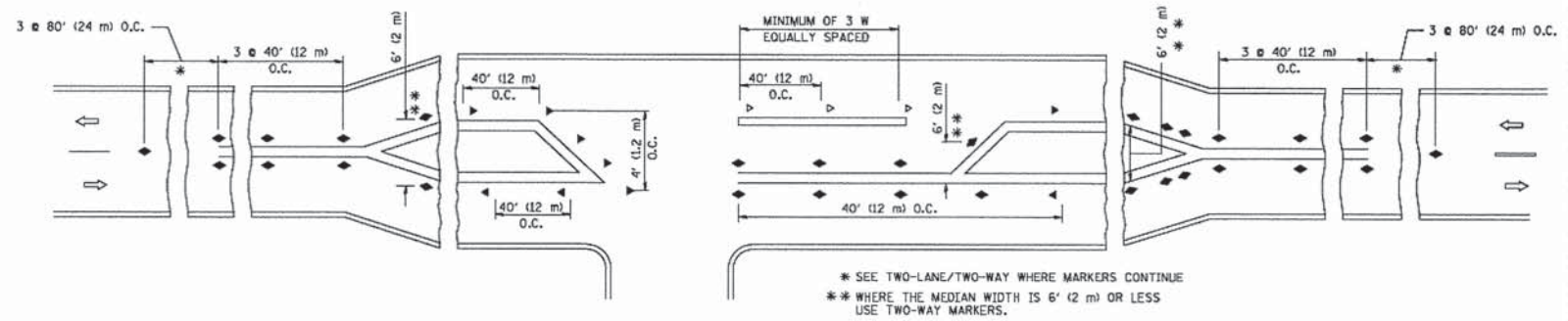
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

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

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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLow RESISTANT)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

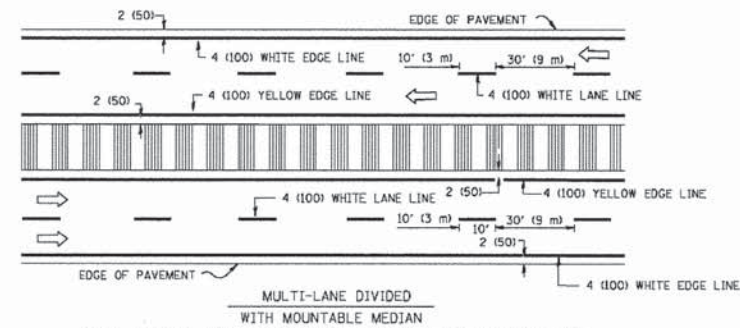
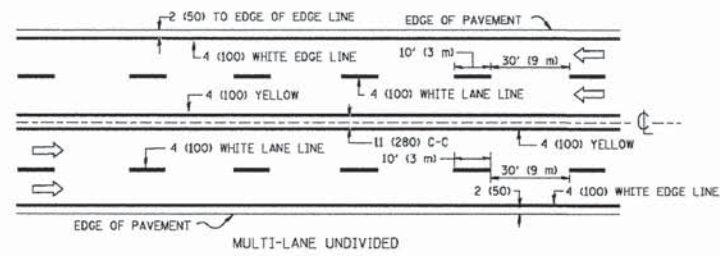
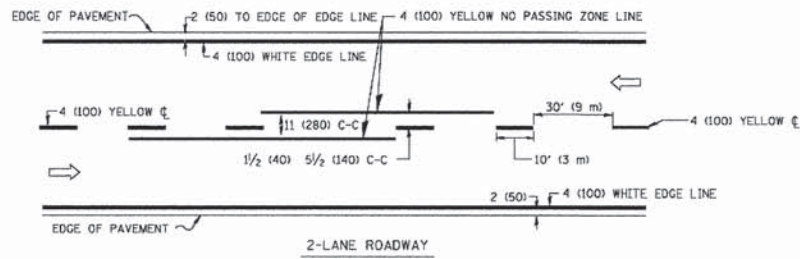
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
360	08-00377-00-CH	KANE	40	31
CONTRACT NO.				63744
ILLINOIS FED. AID PROJECT				

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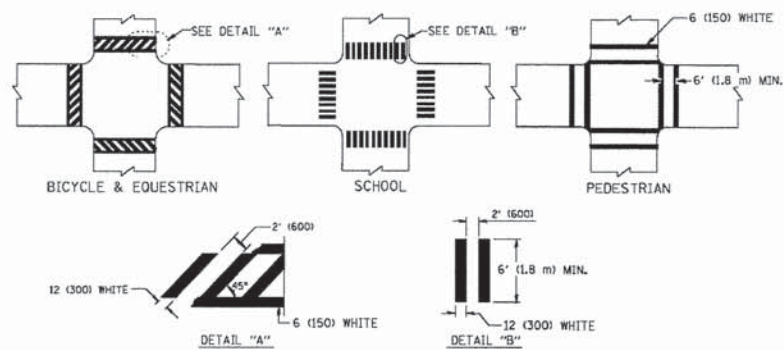
KANE COUNTY
DIVISION OF TRANSPORTATION

STANDARD DETAILS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

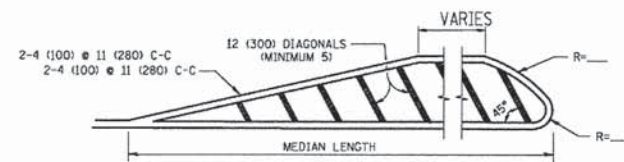
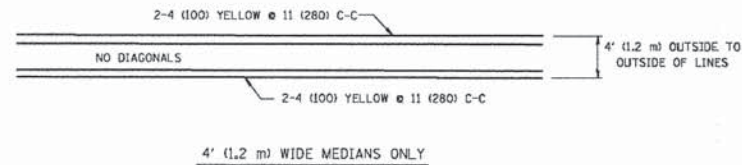
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360	08-00377-00-CH	KANE	40	31
CONTRACT NO.				63744
ILLINOIS FED. AID PROJECT				



NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE.
TYPICAL LANE AND EDGE LINE MARKING

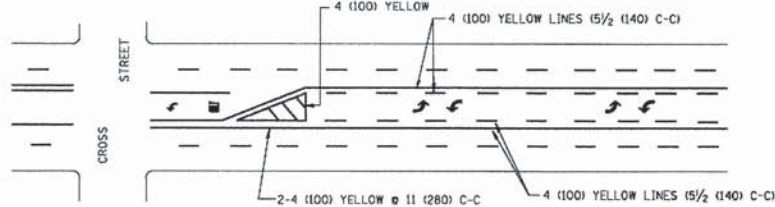


TYPICAL CROSSWALK MARKING

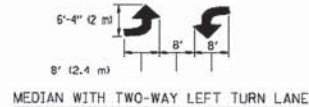


FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.
DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

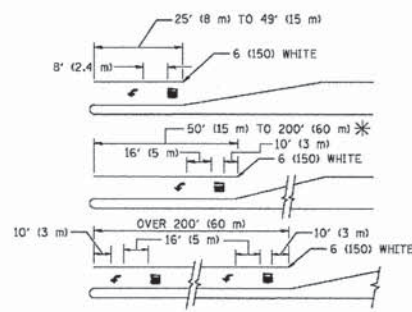
MEDIANS OVER 4' (1.2 m) WIDE



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.



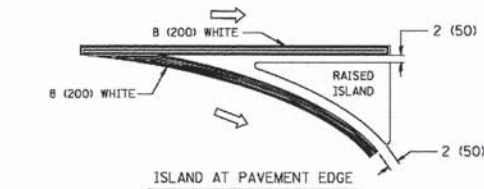
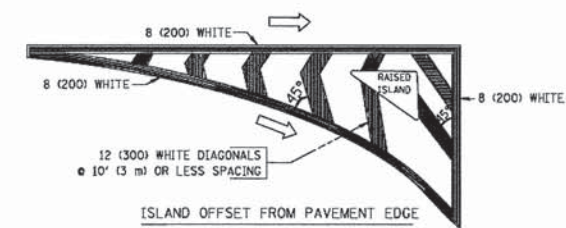
TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) AREA = 20.8 SQ. FT. (1.9 m²)
* 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	4 (100)	SOLID	YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE
FOR BOTH DIRECTIONS	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100)	SKIP-DASH	WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
5 (125) ON FREEWAYS	SKIP-DASH	WHITE		
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	SKIP-DASH AND SOLID	YELLOW	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
	8' (2.4m) LEFT ARROW	IN PAIRS	WHITE	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	WHITE	NOT LESS THAN 6' (1.8 m) 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°	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE. SEE TYPICAL PAINTED MEDIAN MARKING.
CORE 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" 15 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 ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
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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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

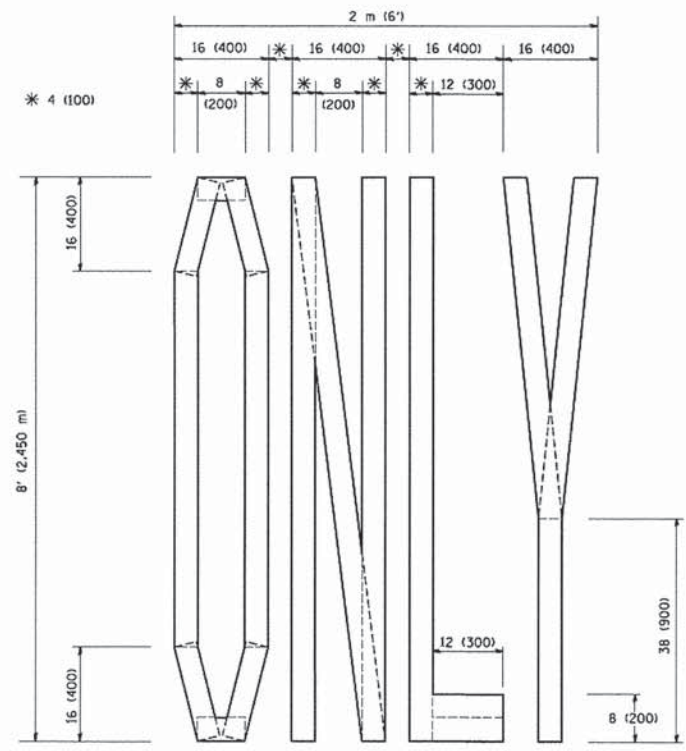
DISTRICT ONE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS						
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO.		
		FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

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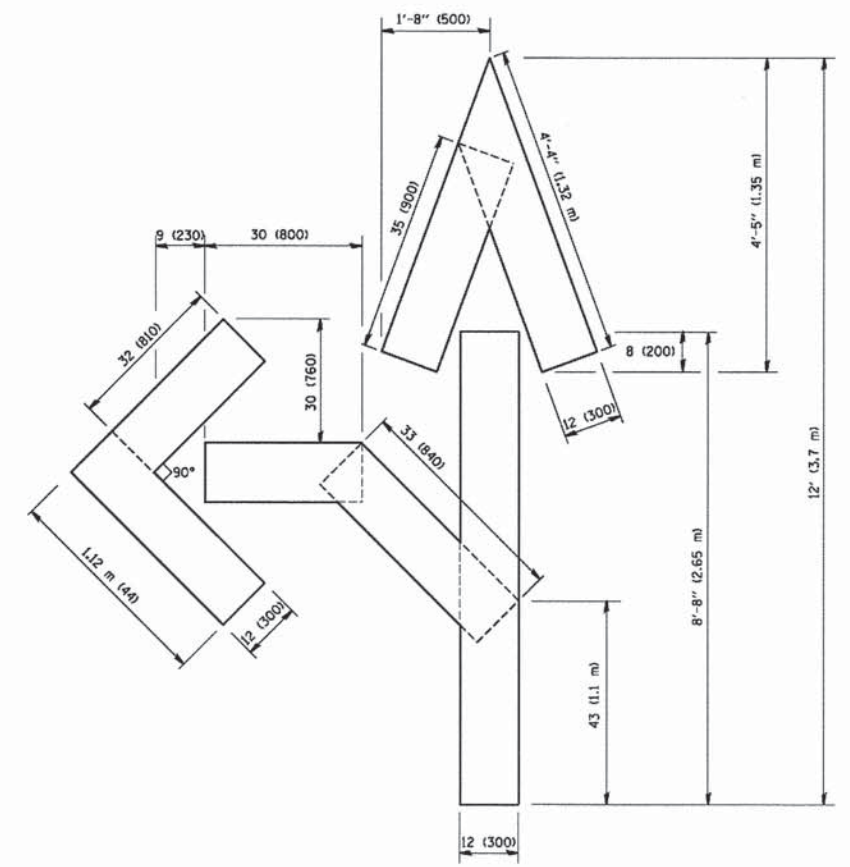
KANE COUNTY
DIVISION OF TRANSPORTATION

STANDARD DETAILS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.	CONTRACT NO. 63744		
		ILLINOIS FED. AID PROJECT				

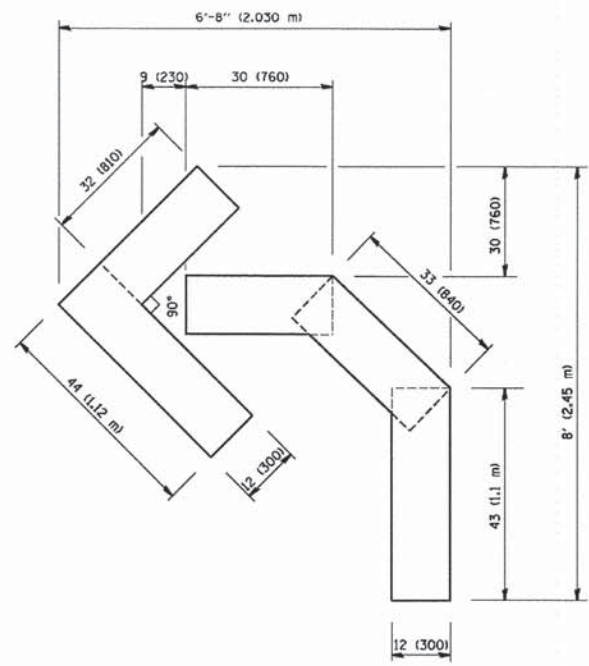
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360	08-00377-00-CH	KANE	40	32
CONTRACT NO. 63744				
ILLINOIS FED. AID PROJECT				



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.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TC-16			CONTRACT NO.	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

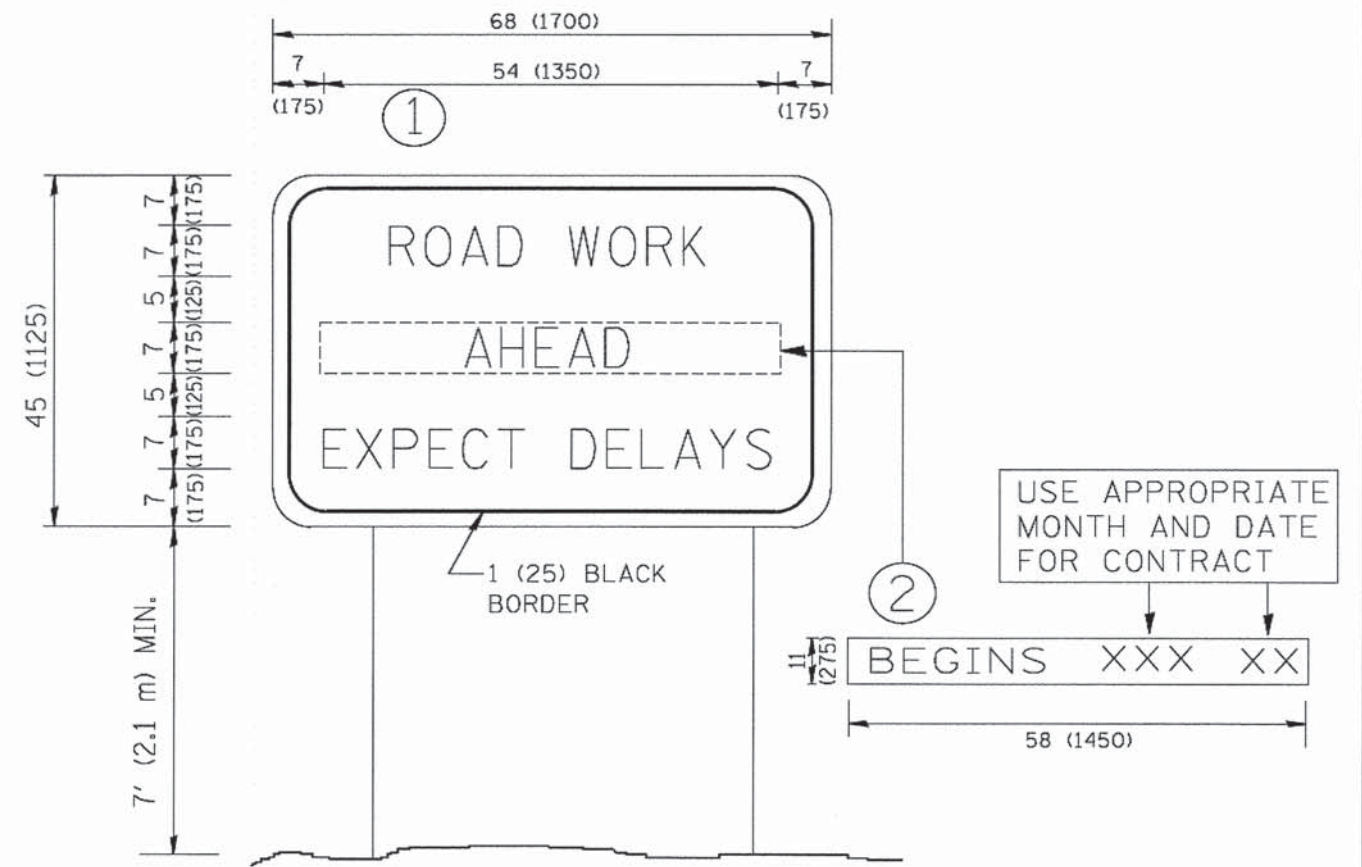
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**KANE COUNTY
 DIVISION OF TRANSPORTATION**

STANDARD DETAILS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
360	08-00377-00-CH	KANE	40	33
CONTRACT NO. 63744				
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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	PLOT DATE = 1/4/2008	DATE -	REVISOR - C. JUCIUS 01-31-07								FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

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	PLOT DATE = 5/28/2014	DATE -	REVISOR -								CONTRACT NO. 63744			
											ILLINOIS FED. AID PROJECT			



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE
 PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN)
 SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY
 AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE
 FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

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	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/4/2008	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRIVEWAY ENTRANCE SIGNING

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TC-20			CONTRACT NO.	
<small>FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT</small>				

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

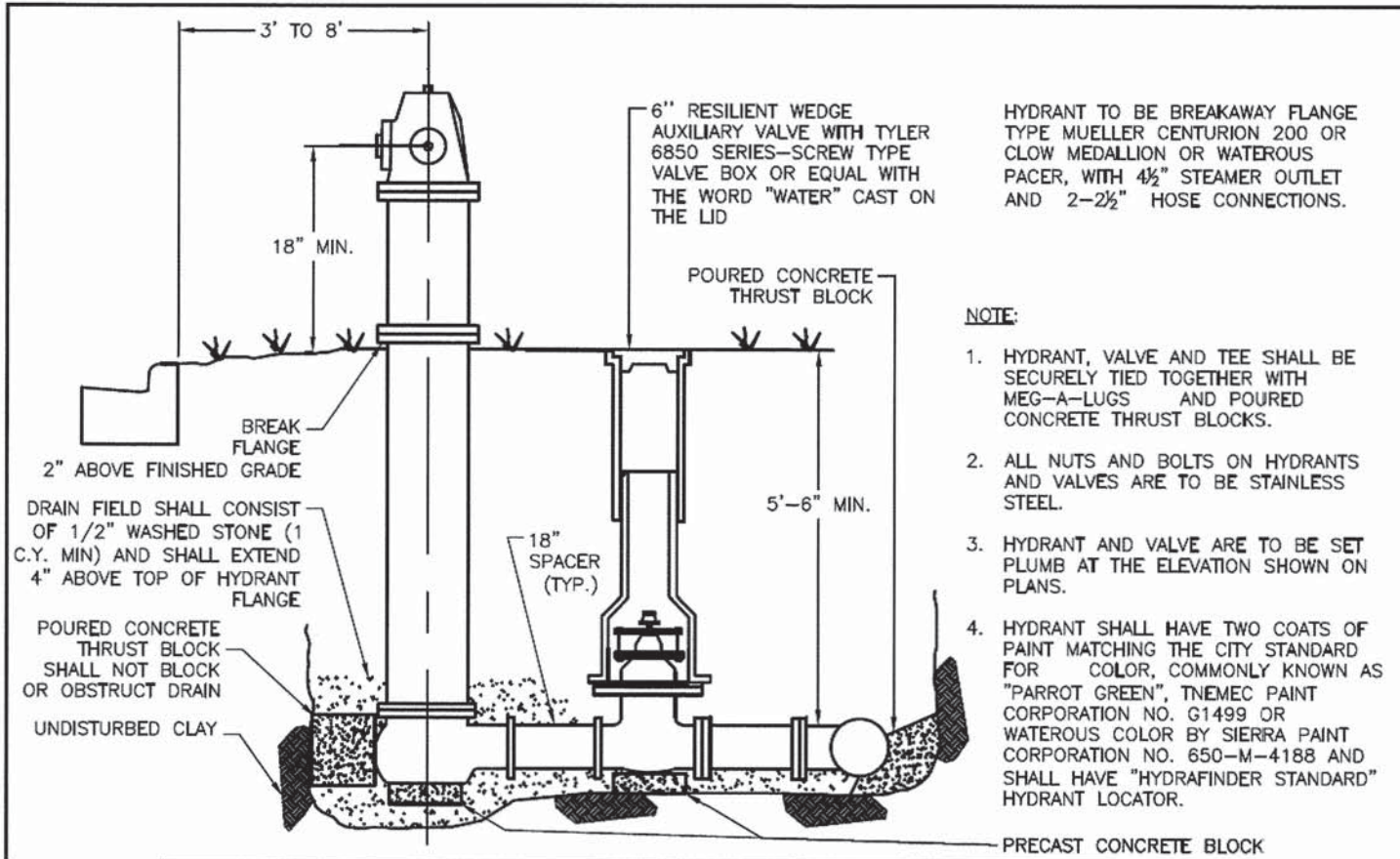
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**KANE COUNTY
 DIVISION OF TRANSPORTATION**

STANDARD DETAILS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
360	08-00377-00-CH	KANE	40	34A
CONTRACT NO. 63744			ILLINOIS FED. AID PROJECT	

SCALE: SHEET NO. OF SHEETS STA. TO STA.



6" RESILIENT WEDGE AUXILIARY VALVE WITH TYLER 6850 SERIES-SCREW TYPE VALVE BOX OR EQUAL WITH THE WORD "WATER" CAST ON THE LID

POURED CONCRETE THRUST BLOCK

5'-6" MIN.

18" SPACER (TYP.)

UNDISTURBED CLAY

PRECAST CONCRETE BLOCK

NOTE:

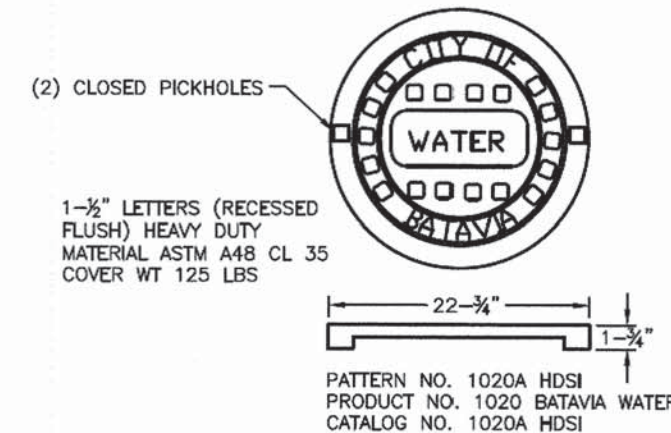
1. HYDRANT, VALVE AND TEE SHALL BE SECURELY TIED TOGETHER WITH MEG-A-LUGS AND POURED CONCRETE THRUST BLOCKS.
2. ALL NUTS AND BOLTS ON HYDRANTS AND VALVES ARE TO BE STAINLESS STEEL.
3. HYDRANT AND VALVE ARE TO BE SET PLUMB AT THE ELEVATION SHOWN ON PLANS.
4. HYDRANT SHALL HAVE TWO COATS OF PAINT MATCHING THE CITY STANDARD FOR COLOR, COMMONLY KNOWN AS "PARROT GREEN", TNEPEC PAINT CORPORATION NO. G1499 OR WATEROUS COLOR BY SIERRA PAINT CORPORATION NO. 650-M-4188 AND SHALL HAVE "HYDRAFINDER STANDARD" HYDRANT LOCATOR.

REVISIONS			FIRE HYDRANT DETAIL	
NAME	BY	DATE		

BATAVIA
Since 1833
CITY OF ENERGY

WM_FH

CITY OF BATAVIA
ENGINEERING & PUBLIC WORKS DEPARTMENTS
DATE: 10/04/09
DESIGNED BY: AMP
CHECKED BY: NAB



REVISIONS			WATER MANHOLE LID	
NAME	BY	DATE		

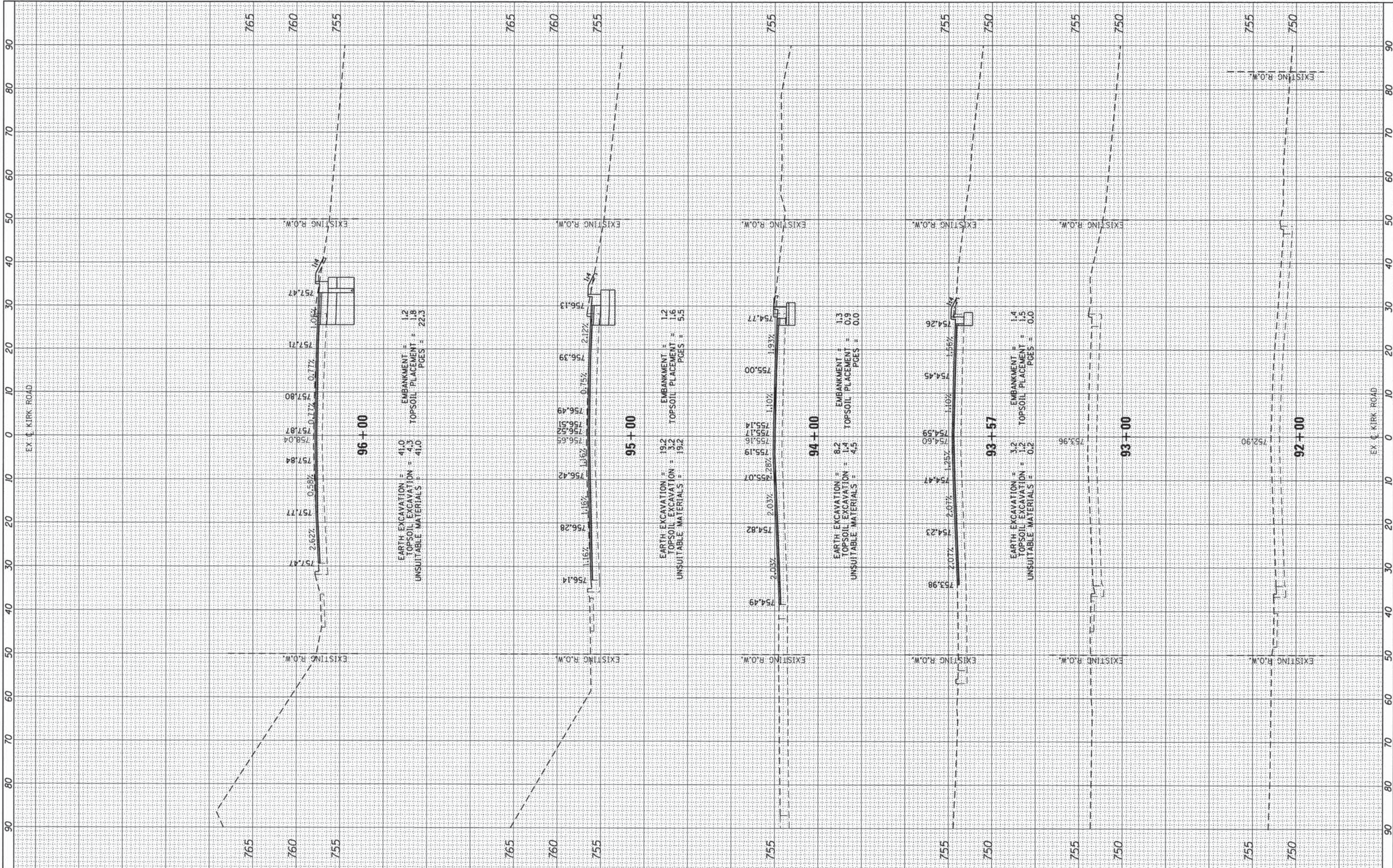
BATAVIA
Since 1833
CITY OF ENERGY

WM_MH

CITY OF BATAVIA
ENGINEERING & PUBLIC WORKS DEPARTMENTS
DATE: 10/04/09
DESIGNED BY: AMP
CHECKED BY: NAB

FINAL SURVEY PLOTTED BY DATE
 NOTE BOOK NO. AREAS CHECKED

ORIGINAL SURVEY PLOTTED BY DATE
 NOTE BOOK NO. AREAS CHECKED



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 PLOT DATE = 5/30/2014

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

**KANE COUNTY
 DIVISION OF TRANSPORTATION**

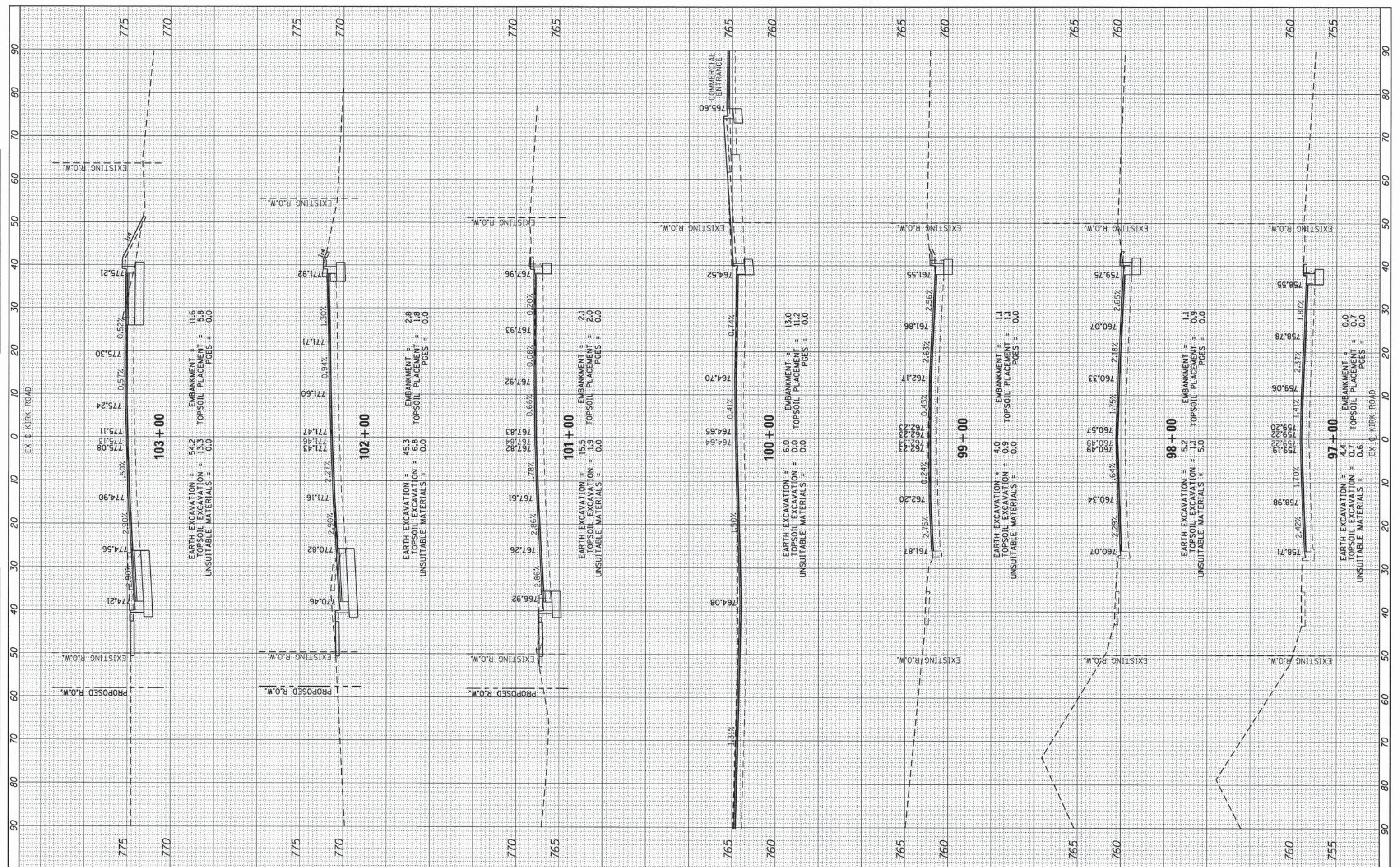
**CH 77 KIRK ROAD
 PROPOSED CROSS SECTIONS**

SCALE: HOR. 1"=100'
 VERT. 1"=5'
 SHEET NO. 36 OF 40 SHEETS
 STA. 92+00 TO STA. 96+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
360	08-00377-00-CH	KANE	40	36
CONTRACT NO. 63744				
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



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 PLOT DATE = 5/30/2014

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

**KANE COUNTY
 DIVISION OF TRANSPORTATION**

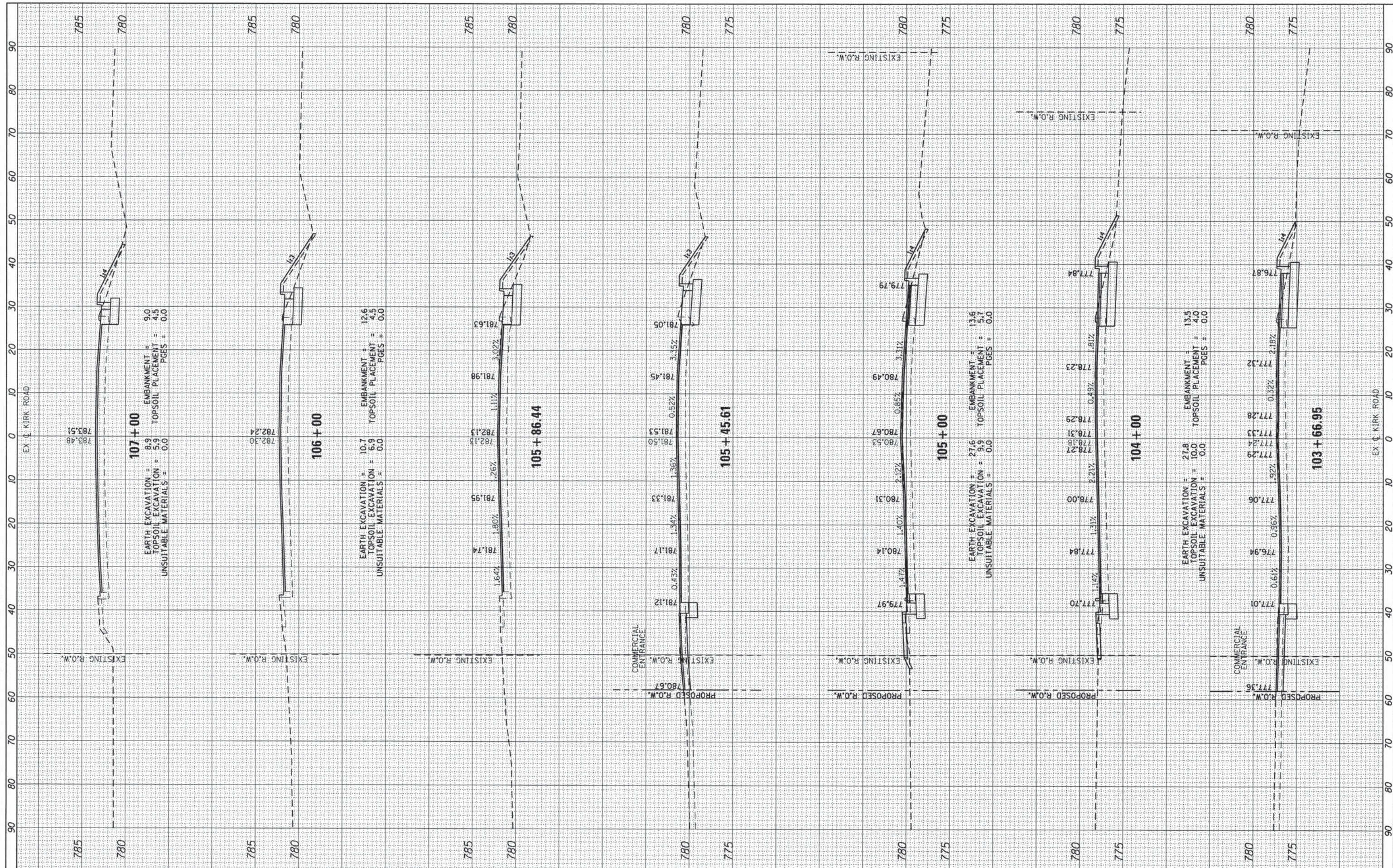
**CH 77 KIRK ROAD
 PROPOSED CROSS SECTIONS**

SCALE: HOR. 1"=10' VERT. 1"=5' SHEET NO. 37 OF 40 SHEETS STA. 97+00 TO STA. 103+00

F.A.P. RTE. 360	SECTION 08-00377-00-CH	COUNTY KANE	TOTAL SHEETS 40	SHEET NO. 37
CONTRACT NO. 63744				
ILLINOIS FED. AID PROJECT				

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

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



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 DATE -

REVISED -
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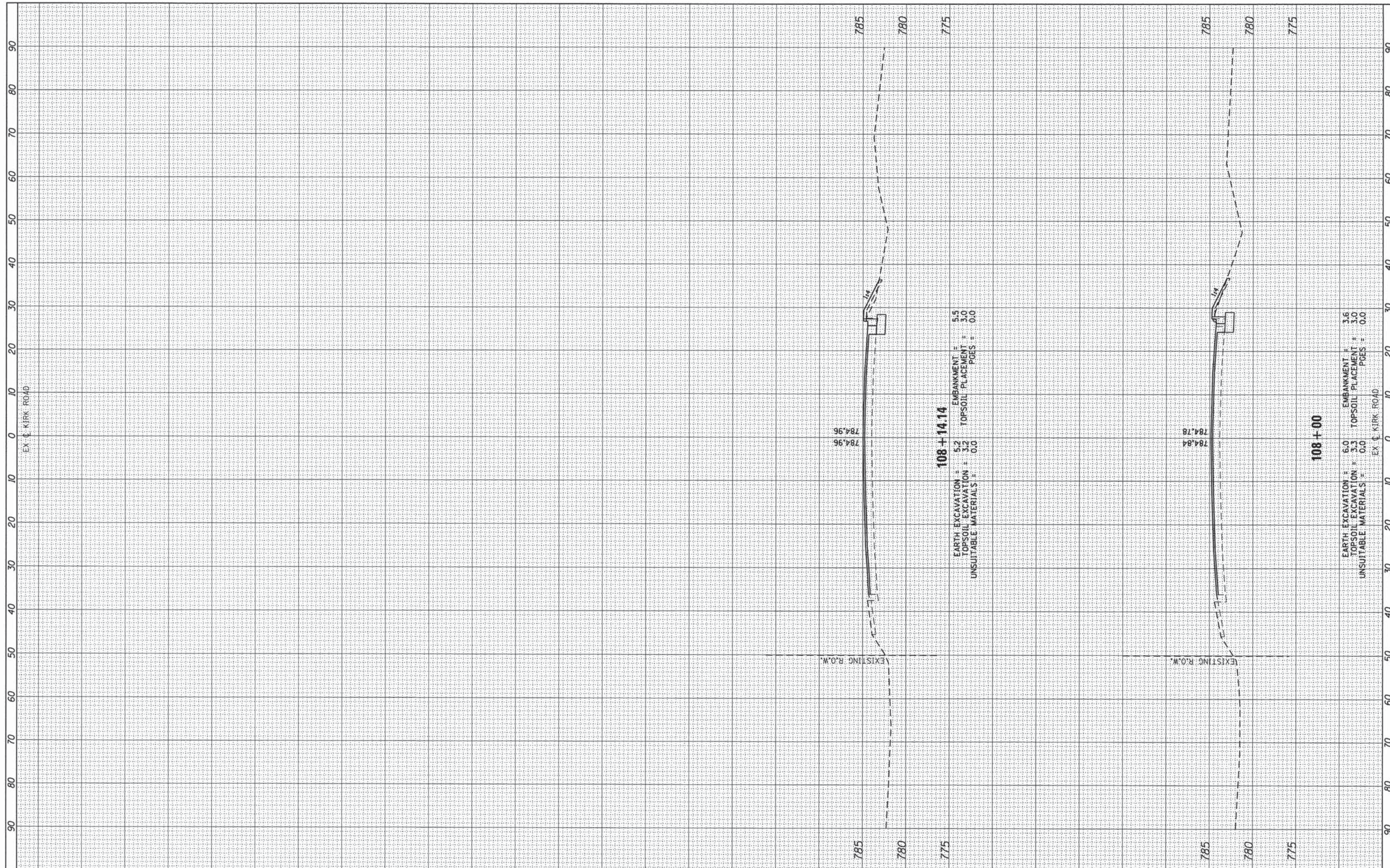
**KANE COUNTY
 DIVISION OF TRANSPORTATION**

**CH 77 KIRK ROAD
 PROPOSED CROSS SECTIONS**
 SCALE: HOR. 1"=10'
 VERT. 1"=5'
 SHEET NO. 38 OF 40 SHEETS STA. 103+66.95 TO STA. 107+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
360	08-00377-00-CH	KANE	40	38
				CONTRACT NO. 63744
ILLINOIS FED. AID PROJECT				

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

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



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REVISED -
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**KANE COUNTY
 DIVISION OF TRANSPORTATION**

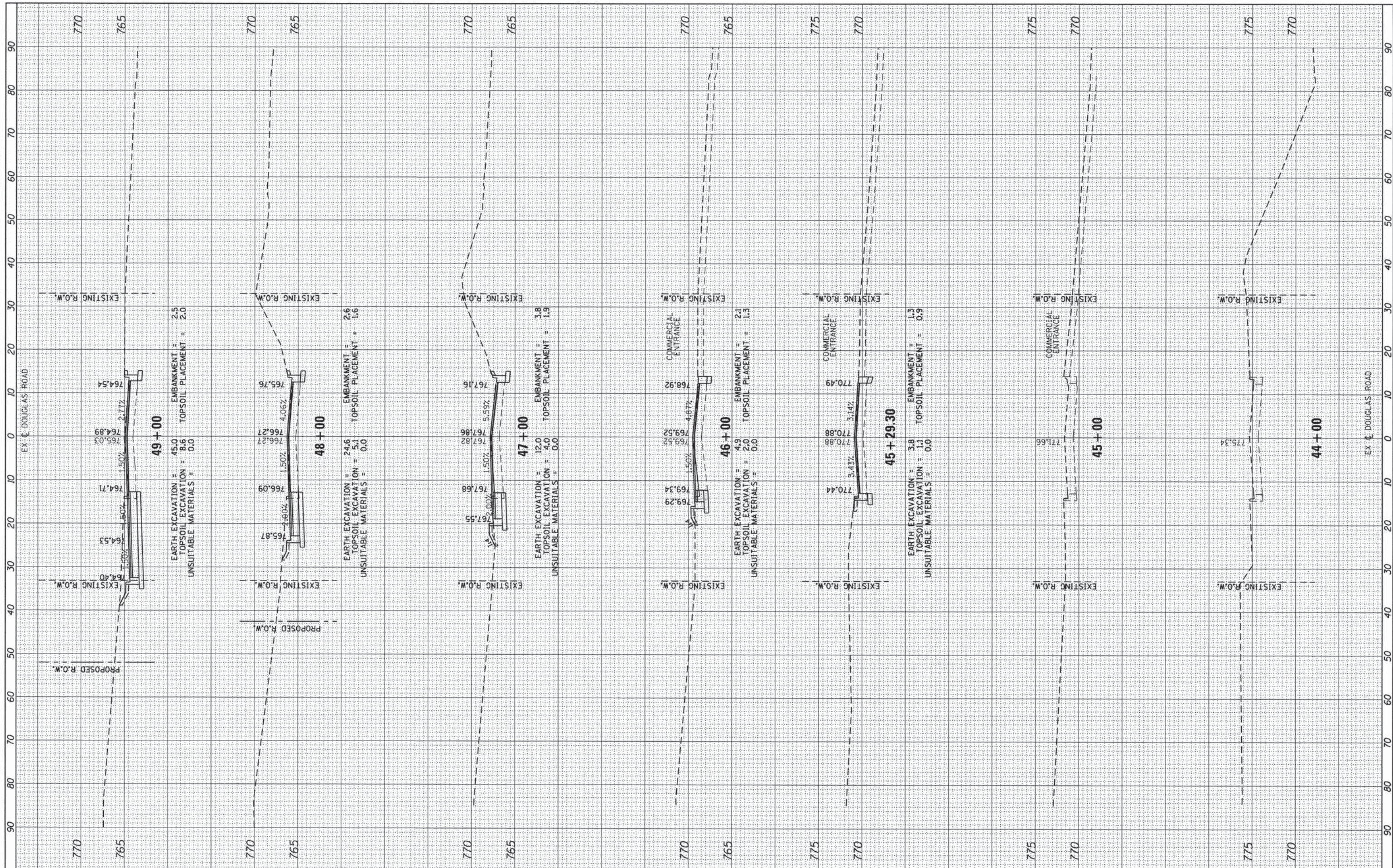
**CH 77 KIRK ROAD
 PROPOSED CROSS SECTIONS**

SCALE: HOR. 1"=50'
 VERT. 1"=5'
 SHEET NO. 39 OF 40 SHEETS STA. 108+00 TO STA. 108+14.14

F.A.P. RTE. 360	SECTION 08-00377-00-CH	COUNTY KANE	TOTAL SHEETS 40	SHEET NO. 39
CONTRACT NO. 63744			ILLINOIS FED. AID PROJECT	

BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



FILE NAME =
 USER NAME = USER
 PLLOT SCALE = 28.0000' / 1" =
 PLLOT DATE = 5/30/2014

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

KANE COUNTY
DIVISION OF TRANSPORTATION

DOUGLAS ROAD
PROPOSED CROSS SECTIONS
 SCALE: HOR. 1"=10'
 VERT. 1"=25'
 SHEET NO. 40 OF 40 SHEETS STA. 44+00 TO STA. 49+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
360	08-00377-00-CH	KANE	40	40
CONTRACT NO. 63744				
ILLINOIS FED. AID PROJECT				