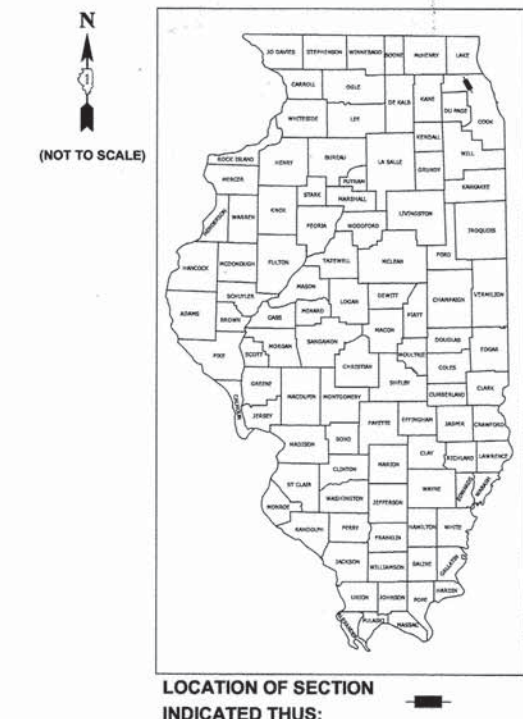


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY  
FAU 3512 (US ROUTE 14) (NORTHWEST HIGHWAY)  
FOREST AVENUE TO ALBERT STREET  
STREETSCAPE IMPROVEMENTS  
SECTION 13-00160-00-SW  
PROJECT TE-00D1(940)  
VILLAGE OF MOUNT PROSPECT  
COOK COUNTY**

**C-91-031-14**

FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3512	13-00160-00-SW	COOK	50	1

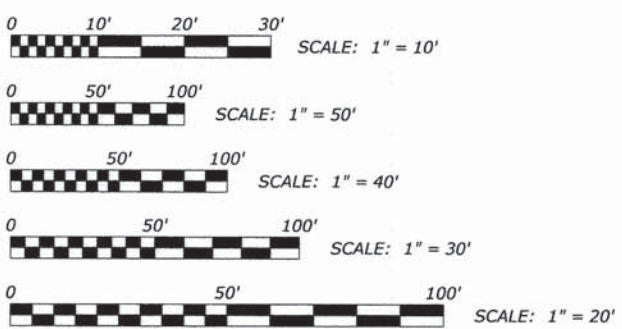
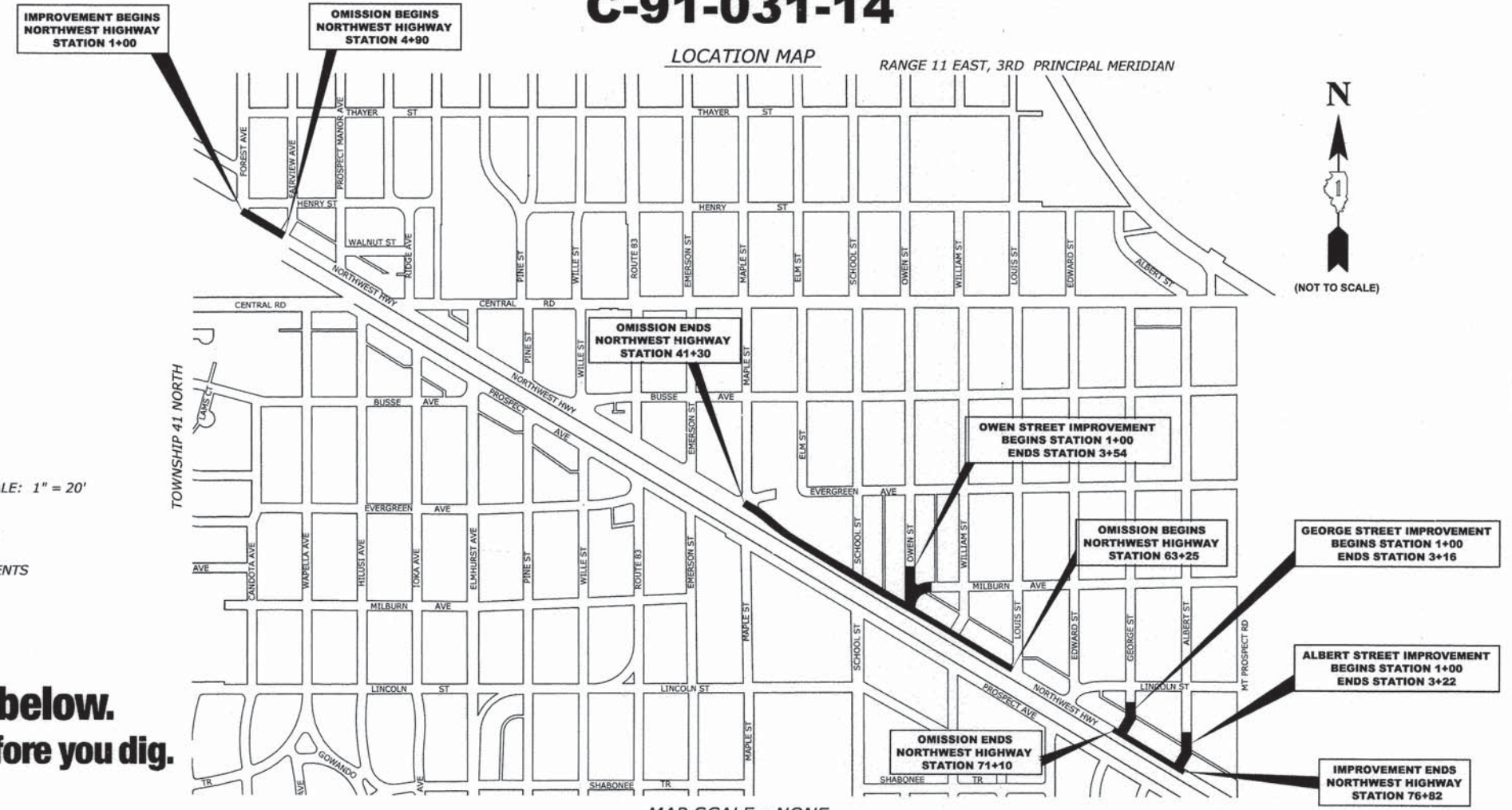
ILLINOIS PROJECT  
CONTRACT NO. 61A23



**TRAFFIC DATA**

2012 ADT = 13,100  
POSTED SPEED LIMIT: 35/40 MPH  
DESIGN SPEED LIMIT: 35/40 MPH  
MINOR ARTERIAL

PROJECT LOCATED IN  
THE VILLAGE OF MOUNT PROSPECT



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.

**STATE OF ILLINOIS  
ILLINOIS DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS**

APPROVED: April 8, 2014  
*Jeffrey A. Muller*  
VILLAGE OF MOUNT PROSPECT

PASSED: April 15, 2014  
*Christina Hecht*  
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID  
BASED ON LIMITED  
REVIEW: April 15, 2014  
*John Fortman*  
DEPUTY DIRECTOR OF HIGHWAYS,  
REGION 1 ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS



SIGNED: Mark D. Lucas  
DATE: 4-8-14 LICENSE EXPIRES: 11-30-15



CONTRACT NO. 61A23

MAP SCALE : NONE  
**WHEELING AND ELK GROVE TOWNSHIPS**  
- AREA OF IMPROVEMENT  
GROSS LENGTH OF PROJECT = 8,284 FT. = 1.569 MI.  
NET LENGTH OF PROJECT = 3,849 FT. = 0.729 MI.



EDWIN HANCOCK ENGINEERING COMPANY  
9933 ROOSEVELT ROAD PHONE: (708)865-0300  
WESTCHESTER, ILLINOIS 60154

E.H.E. NO. 555-13-148

PROGRAM FEDERAL AID ENGINEER: FAWAD AQUEEL, P.E., (847)705-4021, SCHAUMBURG, IL  
Drawing file: W:\Projects\_by\_Village\Mount Prospect\55513148 - NW Hwy Streetscape\NW Hwy\01\_COVET.dwg Mar 19, 2014 - 2:13pm

### INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET, LOCATION MAP
2	INDEX OF SHEETS, LEGEND OF SYMBOLS, HIGHWAY STANDARDS, AND BENCHMARKS
3	GENERAL NOTES
4-5	SUMMARY OF QUANTITIES
6-9	EXISTING TYPICAL SECTIONS
10-13	PROPOSED TYPICAL SECTIONS
14-24	PAVING PLANS
25-26	ROADWAY DETAILS
27-28	EROSION CONTROL PLAN
29-39	IRRIGATION AND UTILITIES PLAN
40-41	DRAINAGE AND UTILITIES DETAILS
42-45	LANDSCAPE PLAN
46	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
47	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
48	ARTERIAL ROAD INFORMATION SIGN (TC-22)
49	DRIVEWAY ENTRANCE SIGNING (TC-26)
50	BUTT JOINT AND HMA TAPER DETAILS (BD-32)

### LEGEND OF SYMBOLS

(TO BE USED IN CONJUNCTION WITH I.D.O.T. STANDARD 000001-06)

EXISTING		PROPOSED	DESCRIPTION	EXISTING	PROPOSED	DESCRIPTION
			POWER POLE			STORM SEWER PIPE
			GAS VALVE			COMBINATION SEWER PIPE
			STREET LIGHT POLE			SANITARY SEWER PIPE
			WATER MAIN BUFFALO BOX			IRRIGATION PIPE
			WATER MAIN VALVE BOX			ELECTRIC LINE
			RPZ VALVE			GAS LINE
			SPRINKLER			TELEPHONE LINE
			WATER MAIN VALVE VAULT			WATER MAIN PIPE
			STORM SEWER MANHOLE			CURB AND GUTTER
			STORM CATCH BASIN			DIRECTION OF FLOW
			STORM INLET			DRAINAGE SUMMIT
			FIRE HYDRANT			WATER MAIN VALVE VAULT RIM AND TOP OF PIPE ELEVATION
	RM		EXISTING STRUCTURE TO BE REMOVED			COMBINATION MANHOLE RIM AND INVERT ELEVATION
	F		EXISTING STRUCTURE TO BE FILLED			STORM SEWER MANHOLE/CATCHBASIN RIM AND INVERT ELEVATION
	RM		TREE TO BE REMOVED		A	STRUCTURE TO BE ADJUSTED
			BUSH		1C	TYPE 1 FRAME & CLOSED LID
			TREE		1P	TYPE 1 FRAME & OPEN LID
			EXISTING CURB AND GUTTER TO BE REMOVED		RC	RECONSTRUCT EXISTING STRUCTURE
			BRICK REMOVAL		643.90 x	GROUND ELEVATIONS
			EXISTING CONCRETE SIDEWALK TO BE REMOVED		CB-OL	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID
			EXISTING CONCRETE DRIVEWAY TO BE REMOVED		CB-CL	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID
			PAVEMENT REMOVAL		INL-OL	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID
			BASE COURSE, 10"		INL-CL	INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID
			BASE COURSE, 8"		MH	MANHOLES, TYPE A, TYPE I FRAME, CLOSED LID
			PLANTER AREA			
			PAVING BRICK SIDEWALK			

### I.D.O.T. STANDARD DRAWINGS

STANDARD NO.	TITLE OR DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-08	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424026-01	ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
602601-03	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701101-04	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701427-02	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS <40MPH
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
701801-05	SIDEWALK, CORNER OF CROSSWALK CLOSURE
701901-04	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS

### BENCHMARKS

DATUM IS - NAV 88

BM NO.	DESCRIPTION	ELEVATION
1	NORTH SIDE OF LIGHT POLE FOUNDATION ON WEST SIDE OF NORTHWEST HIGHWAY AT SCHOOL STREET	660.11
2	NORTH SIDE OF LIGHT POLE FOUNDATION ON WEST SIDE OF NORTHWEST HIGHWAY AT OWEN STREET	659.28
3	NORTH SIDE OF LIGHT POLE FOUNDATION ON WEST SIDE OF NORTHWEST HIGHWAY AT 716 NORTHWEST HIGHWAY	658.21
4	NORTH SIDE OF LIGHT POLE FOUNDATION ON WEST SIDE OF NORTHWEST HIGHWAY AT 950 NORTHWEST HIGHWAY	660.04

## ACCESS

THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN INGRESS AND EGRESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING THE CONSTRUCTION PERIOD. DURING CONSTRUCTION, GARBAGE TRUCKS MUST BE PERMITTED ACCESS TO THE WORK ZONE IN ORDER TO PICK UP COMMERCIAL GARBAGE FOR THOSE PROPERTIES IMPACTED BY CONSTRUCTION. IF GARBAGE TRUCK ACCESS IS NOT PROVIDED, THE CONTRACTOR WILL BE REQUIRED TO MOVE TRASH CONTAINERS TO AN ACCESSIBLE LOCATION.

## UNDERGROUND UTILITIES

THE LOCATIONS OF THE UNDERGROUND UTILITIES AS SHOWN ON THE PLANS HAVE BEEN OBTAINED BY FIELD SURVEYS AND SEARCHES OF AVAILABLE RECORDS. IT IS BELIEVED THAT THE DATA IS ESSENTIALLY CORRECT, BUT THE VILLAGE OF MOUNT PROSPECT, THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND/OR OTHER OFFICES AND AGENCIES ASSOCIATED WITH THE DEVELOPMENT OF THESE PLANS DO NOT GUARANTEE THEIR ACCURACY OR COMPLETENESS. THE CONTRACTOR WILL BE REQUIRED TO VERIFY THE LOCATION OF EACH FACILITY WITH THE UTILITY COMPANY, AND SHALL TAKE DUE CARE IN ALL PHASES OF THE CONSTRUCTION TO PROTECT ANY SUCH FACILITIES WHICH MAY BE AFFECTED BY THE WORK. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED IN ACCORDANCE WITH ARTICLE LR 105.

ADJUSTMENTS REQUIRED BY UTILITY COMPANIES WILL BE PERFORMED BY THE COMPANY INVOLVED OR ITS CONTRACTOR, BUT WILL BE COORDINATED BY GENERAL CONTRACTOR.

COORDINATION OF ALL UTILITY WORK INVOLVED IN THE CONSTRUCTION AREA WILL BE DISCUSSED AT A PRE-CONSTRUCTION CONFERENCE.

THE CONTRACTOR SHALL USE EXTREME CAUTION IN THE REMOVAL OF ABANDONED EXISTING GAS LINES SINCE RESIDUAL MATERIALS CONTAINED THEREIN ARE HIGHLY EXPLOSIVE, FLAMMABLE, AND TOXIC. ONCE THE MAINS ARE ABANDONED BY THE OWNER, THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR ANY DAMAGE AND/OR INJURY OCCURRING ON THE PROJECT DUE TO HIS OPERATIONS NEXT TO THE MAINS AND/OR THE METHOD OF REMOVAL OF THE ABANDONED MAINS.

## STORM SEWER

THE VERTICAL AND HORIZONTAL CLEARANCES BETWEEN WATER MAINS AND PROPOSED OR EXISTING STORM SEWERS SHALL CONFORM TO THE REQUIREMENTS OF SECTIONS 41-1.02A THROUGH 41-1.02D OF THE "STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS".

## FRAMES AND GRATES

THE TYPE OF FRAMES AND GRATES REQUIRED FOR ALL CATCH BASINS AND MANHOLES LISTED IN THE SUMMARY OF QUANTITIES MAY BE FOUND ON THE PLANS AT THEIR RESPECTIVE LOCATIONS. WHERE LIDS ARE CALLED FOR ON THE PLANS, THEY SHALL BE IN ACCORDANCE WITH ARTICLE 604.01 OF THE STANDARD SPECIFICATIONS AND THE TERM LID IS USED IN LIEU OF GRATE.

ALL OPEN LIDS SHALL HAVE A TYPE D GRATE.  
ALL CLOSED LIDS SHALL BE SELF-SEALING WITH CONCEALED PICK HOLES.

## FORMS FOR CONCRETE SIDEWALKS, DRIVEWAYS, PAVEMENT, AND GUTTER FLAGS

A 2" X 6" BOARD WILL BE USED AS A FORM FOR ALL SIDEWALKS TO BE INSTALLED FIVE INCHES (5") IN THICKNESS. A 2" X 8" BOARD WILL BE USED AS A FORM FOR ALL DRIVEWAYS TO BE INSTALLED SEVEN INCHES (7") IN THICKNESS. A 2" X 10" BOARD WILL BE USED AS THE FORM FOR ALL DRIVEWAYS TO BE INSTALLED EIGHT INCHES (8") IN THICKNESS. A 2" X 12" BOARD WILL BE USED AS THE FORM FOR THE FACE OF THE GUTTER FLAGS TO BE INSTALLED TEN INCHES (10") IN THICKNESS. ALL FORMS MUST BE OF A MINIMUM HEIGHT OF THE

PROPOSED THICKNESS OF THE RESPECTIVE CONCRETE ITEMS TO BE INSTALLED.

## OPEN EXCAVATION

THE CONTRACTOR WILL NOT BE ALLOWED TO LEAVE EXCAVATIONS OPEN OVERNIGHT. THE CONTRACTOR WILL BE RESPONSIBLE FOR COMPLETELY BACKFILLING OR PLATING OVER OF ALL EXCAVATIONS AT THE END OF EACH DAY. IF THE EXCAVATIONS ARE BACKFILLED THEY SHALL BE FILLED WITH AN AGGREGATE MEETING THE GRADATION OF CA-6. THE MATERIAL WILL BE COMPACTED SUFFICIENTLY TO PREVENT RUTTING OR SETTLEMENT OF MATERIAL UNDER TRAFFIC LOADS. IF PLATES ARE USED THEY SHALL BE OF SUFFICIENT THICKNESS TO SUPPORT VEHICULAR LOADS. ADDITIONALLY THEY SHALL EXTEND A MINIMUM OF NINE INCHES (9") BEYOND THE LIMITS OF THE EXCAVATION ON ALL SIDES. IF THE PLATES ARE TO BE LEFT OVER THE WEEKEND, THE EDGES OF THE PLATES SHALL BE CUSHIONED WITH A BITUMINOUS MIXTURE IN AREAS WHERE VEHICULAR TRAFFIC WILL CROSS THE PLATES.

THE COSTS FOR PROVIDING THE AGGREGATE, PLATES AND BITUMINOUS MIXTURE WILL NOT BE PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE VARIOUS CONTRACT ITEMS.

## NOTE

THE CONTRACTOR SHALL NOTIFY THE IDOT TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK. THE RESIDENT ENGINEER SHALL CONTACT THE NORTH COOK AREA FIELD ENGINEER AT (773) 685-8386 AT LEAST (2) WEEKS PRIOR TO PLACING PERMANENT PAVEMENT MARKINGS.

## BACKFILLING SEWERS UNDER ROADWAY

FOR SEWERS UNDER THE ROADWAY, BACKFILLING METHODS TWO AND THREE (JETTING) AS DESCRIBED IN ARTICLE 550.07 WILL NOT BE ALLOWED.

## MAINTENANCE OF SEWER FLOWS

THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS SO AS TO MAINTAIN AT ALL TIMES FLOWS THROUGH EXISTING STORM AND SANITARY SEWER SYSTEMS. HE SHALL ALSO PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT IF NECESSARY AND A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER COLLECTED IN A SAFE MANNER WITHOUT DAMAGE OF ANY KIND TO ADJACENT PROPERTIES. THE ENDS OF EXISTING DRAINAGE LINES WHICH ARE NOT TO BE INCORPORATED INTO THE PROJECT ARE TO BE SEALED AS SPECIFIED IN THE SPECIAL PROVISIONS. THE COST OF ALL THE PREVIOUSLY MENTIONED WORK SHALL BE INCLUDED IN THE RESPECTIVE SEWER PAY ITEMS. ALL ACCUMULATION OF MATERIAL IN THE STRUCTURE DUE TO CONSTRUCTION OPERATIONS AS WELL AS MATERIAL EXISTING BEFORE CONSTRUCTION, SHALL BE REMOVED BY THE CONTRACTOR AT HIS EXPENSE.

## EXISTING STRUCTURE MODIFICATIONS

ALL KNOWN EXISTING STRUCTURES IN THE PAVEMENT OR ADJACENT AREAS WHICH ARE INVOLVED IN THE CONSTRUCTION HAVE BEEN SHOWN ON THE PLANS AND NOTED AS TO BE REMOVED, FILLED, RECONSTRUCTED, OR ADJUSTED BY THE CONTRACTOR EXCEPT THOSE OF AMERITECH, COMED, AND THE NICOR GAS COMPANY, WHICH ARE TO BE ADJUSTED BY THE APPROPRIATE UTILITY FORCE. WHERE EXISTING STRUCTURES ARE TO BE REMOVED OR FILLED, OR THE EXISTING CASTING REPLACED, THE CASTINGS REMOVED FROM THE STRUCTURE ARE TO REMAIN THE PROPERTY OF THE VILLAGE AND BE SALVAGED. THE CONTRACTOR IS TO DELIVER FRAMES AND LIDS TO THE VILLAGE'S PUBLIC WORKS YARD LOCATED AT 1700 W CENTRAL RD, MT PROSPECT, IL 60056..

## SHEETING OR SHORING

SHEETING OR SHORING REQUIRED FOR THE STORM SEWER INSTALLATION OR OTHER CONSTRUCTION ELEMENTS REQUIRING RELATIVELY DEEP EXCAVATIONS, SHALL BE INCLUDED IN THE PARTICULAR PAYMENT ITEM AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY SUPPLEMENTAL WORK ASSOCIATED WITH THE MAINTENANCE OF TRENCH SIDES OR OTHER EXCAVATED AREAS.

## MAINTENANCE OF EXISTING DRAINAGE STRUCTURES

LOOSE MATERIAL THAT IS DEPOSITED IN THE FLOW LINE OF GUTTERS OR DRAINAGE STRUCTURE THAT INHIBITS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS, ALL DRAINAGE FACILITIES SHALL BE CLEAN AND FREE OF ALL OBSTRUCTIONS. THE COST OF THIS WORK SHALL BE INCLUDED IN THE RESPECTIVE SEWER PAY ITEMS.

## SAW CUTTING

THE CONTRACTOR SHALL SAW CUT ASPHALT PAVEMENT AND CONCRETE PAVEMENT AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER, TO SEPARATE THE EXISTING PAVEMENT TO BE REMOVED BY MEANS OF AN APPROVED CONCRETE SAW TO A DEPTH AS DIRECTED BY THE ENGINEER. SUITABLE GUIDELINES OR DEVICES SHALL BE USED TO ASSURE CUTTING A NEAT, STRAIGHT LINE AS SHOWN ON THE PLANS. CARE SHALL BE TAKEN BY THE CONTRACTOR SO AS NOT TO DAMAGE THE REMAINING PAVEMENT DIRECTLY ADJACENT TO THE PAVEMENT TO BE REMOVED. ANY DAMAGE TO THE EXISTING PAVEMENT RESULTING FROM PAVEMENT REMOVAL OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. THE PRICE OF SAW CUTTING, AS NOTED ABOVE, SHALL BE INCLUDED IN THE PARTICULAR PAY ITEMS.

## PROPOSED STRUCTURES

THE CONTRACTOR SHALL NOT ORDER PROPOSED STRUCTURES UNTIL A JULIE REQUEST HAS BEEN EXECUTED AND THE ENGINEER HAS BEEN NOTIFIED BY THE CONTRACTOR WHETHER ANY CONFLICTS EXISTS.

## ITEMS TO BE SALVAGED

WHERE SPECIFIED ON THE PLANS OR AS DIRECTED BY THE ENGINEER, EXISTING SEWER FRAMES AND LIDS, VALVE BOXES, DOMESTIC WATER SERVICE BOXES, FIRE HYDRANTS AND OTHER CASTINGS ARE TO BE REMOVED BY THE CONTRACTOR. ADDITIONALLY, ALL EXISTING SIGNAGE SCHEDULED FOR REMOVAL WILL ALSO BE APPROPRIATED BY THE CONTRACTOR. THESE ITEMS WILL REMAIN THE PROPERTY OF THE VILLAGE, AND SHALL BE DELIVERED TO THE OWNER AT ITS PUBLIC WORKS FACILITY LOCATED AT 1700 W CENTRAL RD, MT PROSPECT, IL 60056.

## NOTIFICATION OF RESIDENTS

THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING WRITTEN NOTICE TO ALL RESIDENCES AND/OR PLACES OF BUSINESS IN THE WORK ZONE AT LEAST ONE (1) WORKING DAY PRIOR TO PERFORMING ANY CONSTRUCTION ACTIVITY THAT WILL IMPACT ACCESS TO THEIR PROPERTY. THE WRITTEN NOTICE SHALL BE APPROVED BY THE ENGINEER/VILLAGE AND COORDINATED WITH THE VILLAGE PRIOR TO THE BEGINNING OF CONSTRUCTION.

## TRAFFIC PROTECTION

WHEN WORK COMMENCES, THE CONTRACTOR SHALL ASSUME THE MAINTENANCE OF ALL PAVEMENT, SHOULDERS, DRAINAGE FACILITIES, TRAFFIC CONTROL SIGNS, PAVEMENT MARKINGS, AND OTHER APPURTENANCES ON ROADWAYS WITHIN THE LIMITS OF THE CONTRACT WHICH ARE TO BE USED BY THE PUBLIC DURING CONSTRUCTION AND TO RETAIN THIS MAINTENANCE RESPONSIBILITY UNTIL PROJECT COMPLETION. NEED FOR SNOW AND ICE CONTROL DURING THE CONSTRUCTION PERIOD SHALL BE ACCOMMODATED FOR BY OTHERS. ALL UNBALLASTED TYPE I & TYPE II BARRICADES SHALL HAVE TWO SANDBAGS ONE ACROSS EACH BOTTOM RAIL.

## PLUGGING EXISTING SEWERS AND DRAINS

UNLESS OTHERWISE SPECIFIED, ABANDONED SEWERS AND DRAINS, AS DESIGNATED BY THE ENGINEER, SHALL BE PLUGGED AT BOTH ENDS WITH A MINIMUM OF TWO (2) FOOT LONG NON-SHRINK/MORTAR PLUG. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE PAY ITEMS FOR REMOVING AND/OR FILLING THE VARIOUS TYPES OF STRUCTURES.

## STORM SEWER STRUCTURES

PRE-CAST REINFORCED CONCRETE SECTIONS FABRICATED IN ACCORDANCE WITH ASTM C-478 WILL BE USED ON ALL STRUCTURES AND RECONSTRUCTED STRUCTURES. FINAL ADJUSTMENT SHALL BE MADE USING PRE-CAST ADJUSTING RINGS. A MAXIMUM OF 6" OF ADJUSTING RINGS WILL BE PERMITTED. THE WORK DESCRIBED WITHIN THE SPECIAL PROVISION FOR FRAMES AND LIDS TO BE ADJUSTED (SPECIAL) SHALL BE PERFORMED WHEN INSTALLING A NEW STORM SEWER STRUCTURE. THIS ITEM WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE UNIT PRICE FOR THE VARIOUS PROPOSED STORM SEWER STRUCTURES IN THE CONTRACT.

## FRAMES WITH CLOSED LIDS

ALL FRAMES WITH CLOSED LIDS TO BE FURNISHED AS PART OF THIS CONTRACT FOR CONSTRUCTION, ADJUSTMENT, OR RECONSTRUCTION OF ANY MANHOLE, CATCH BASIN, INLET, OR VALVE VAULT SHALL HAVE THE WORD "WATER", "SANITARY", OR "STORM" CAST INTO THE LID. THE WORDS "VILLAGE OF MOUNT PROSPECT" SHALL ALSO BE CAST INTO ALL CLOSED LIDS.

## CONCRETE BREAKERS

WHEN REMOVING PAVEMENT, CURB AND GUTTER, SHOULDER, AND/OR ANY OTHER STRUCTURES, THE USE OF ANY TYPE OF CONCRETE BREAKERS SUCH AS DROP HAMMERS, WHICH MIGHT DAMAGE UNDERGROUND PUBLIC OR PRIVATE UTILITIES, WILL NOT BE PERMITTED. UNDER NO CIRCUMSTANCES WILL THE USE OF A FROST BALL BE PERMITTED.

## COMMERCIAL PROPERTY ACCESS

THE CONTRACTOR SHALL MAINTAIN ACCESS TO COMMERCIAL PROPERTIES AT ALL TIMES AS DIRECTED BY THE ENGINEER. THIS CAN INVOLVE THE STAGING OF SIDEWALK OR DRIVEWAY REMOVAL AND REPLACEMENT, CURB AND GUTTER REMOVAL AND REPLACEMENT, AND THE REPLACEMENT OF BRICK PAVERS. IT MAY ALSO NECESSITATE THE USE OF TEMPORARY STONE FOR ACCESS. PAYMENT WILL NOT BE MADE SEPARATELY, BUT WILL BE INCLUDED IN THE UNIT PRICE FOR THE RESPECTIVE PAY ITEMS IN THE CONTRACT.

## STREET SIGNS

IF ANY STREET SIGNS ARE DAMAGED DURING CONSTRUCTION THEY SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

## CONCRETE PROTECTION

AFTER THE CONCRETE HAS BEEN FINISHED AND THE WATER SHEEN HAS DISAPPEARED FROM THE SURFACE OF THE CONCRETE, THE SURFACE SHALL BE SEALED WITH MEMBRANE CURING COMPOUND OF A TYPE APPROVED BY THE ENGINEER. THE SEAL SHALL BE MAINTAINED FOR THE SPECIFIED CURING PERIOD. THE EDGES OF THE CONCRETE SHALL ALSO BE SEALED IMMEDIATELY AFTER THE FORMS ARE REMOVED. IN ADDITION, ALL CONCRETE PLACED AFTER OCTOBER 15TH, SHALL BE PROTECTED IN ACCORDANCE WITH ARTICLE 1020.13 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE VARIOUS CONCRETE ITEMS IN THE CONTRACT. PROTECTIVE COAT SHALL BE PAID FOR ACCORDING TO SECTION 420.

THE WORK SHALL BE UNDER THE CHARGE AND CARE OF THE CONTRACTOR UNTIL FINAL ACCEPTANCE BY THE ENGINEER. THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR ANY INJURY OR DAMAGE TO THE WORK FROM ANY CAUSE WHATSOEVER AND HE SHALL REBUILD, REPAIR OR RESTORE THE DAMAGED WORK AT HIS OWN EXPENSE. THE EXPOSED FACES OF CONCRETE OF ANY ITEMS THAT ARE DEFACED SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.

## TREE PROTECTION

THE CONTRACTOR SHALL BE RESPONSIBLE FOR BEING FAMILIAR WITH AND COMPLYING WITH ALL ASPECTS OF THE VILLAGE OF MOUNT PROSPECT TREE PROTECTION ORDINANCES AND ARBORICULTURAL STANDARDS MANUAL.

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE ITEP 0031 80% FEDERAL 20% LOCAL
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	150	150
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	200	200
~ 20101000	TEMPORARY FENCE	FOOT	550	550
20200100	EARTH EXCAVATION	CU YD	800	800
~ 20800150	TRENCH BACKFILL	CU YD	125	125
~ 21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1,400	1,400
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	30	30
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	30	30
25000600	POTASSIUM PERTILIZER NUTRIENT	POUND	30	30
25200100	SODDING	SQ YD	1,400	1,400
25200200	SUPPLEMENTAL WATERING	UNIT	10	10
~ 28000510	INLET FILTERS	EACH	17	17
~ 35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	1,800	1,800
~ 35102200	AGGREGATE BASE COURSE, TYPE B 10"	SQ YD	375	375
~ 35300300	PORTLAND CEMENT CONCRETE BASE COURSE 8"	SQ YD	500	500
~ 35300500	PORTLAND CEMENT CONCRETE BASE COURSE 10"	SQ YD	140	140
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	250	250
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	480	480
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	60	60
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	120	120
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	180	180
~ 40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	20	20
~ 42101300	PROTECTIVE COAT	SQ YD	3,625	3,625

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE ITEP 0031 80% FEDERAL 20% LOCAL
~ 42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	950	950
~ 42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	17,000	17,000
~ 42400800	DETECTABLE WARNINGS	SQ FT	242	242
~ 44000100	PAVEMENT REMOVAL	SQ YD	780	780
~ 44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	945	945
~ 44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	3,620	3,620
~ 44000600	SIDEWALK REMOVAL	SQ FT	25,000	25,000
~ 44213204	TIE BARS 3/4"	EACH	725	725
~ * 56400100	FIRE HYDRANTS TO BE MOVED	EACH	3	3
~ * 56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	30	30
~ * 56500800	DOMESTIC WATER SERVICE BOXES	EACH	5	5
~ 60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	15	15
~ 60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	14	14
~ 60602800	CONCRETE CURB, TYPE B	FOOT	120	120
~ 60604100	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (MODIFIED)	FOOT	420	420
~ 60604700	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (MODIFIED)	FOOT	900	900
67100100	MOBILIZATION	L SUM	1	1
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	550	550
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5

~ DENOTES SPECIAL PROVISION HAS BEEN PROVIDED  
 \* DENOTES SPECIALTY ITEM

Drawing File: W:\Projects\by\_village\Mount Prospect\55513148 - NW Hwy Streetscape\NW Hwy\04-05 500.dwg Nov 20, 2014 - 3:07pm

**HANCOCK ENGINEERING**  
 Civil Engineers  
 Municipal Consultants  
 Established 1911

USER NAME - XX	DESIGNED - JGG	REVISED - XX
PLOT SCALE - XX	DRAWN - MK, DMM	REVISED - XX
PLOT DATE - XX	CHECKED - MDL	REVISED - XX
	DATE - 05-14-14	REVISED - XX

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE    SHEET NO. 1 OF 2 SHEETS    STA.    TO STA.

F.A.U. RTE. 3612	SECTION 13-00160-00-SW	COUNTY COOK	TOTAL SHEETS 50	SHEET NO. 4
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 61A23				

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE ITEP 0031 80% FEDERAL 20% LOCAL
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1
7012635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
~	72000100 SIGN PANEL - TYPE 1	SQ FT	60	60
	72900100 METAL POST - TYPE A	FOOT	45	45
	72900200 METAL POST - TYPE B	FOOT	120	120
*	78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	850	850
*	78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	175	175
*	78001100 PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	40	40
*	78300100 PAVEMENT MARKING REMOVAL	SQ FT	775	775
*	A2004524 TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 3" CALIPER, BALLED AND BURLAPPED	EACH	9	9
*	A2005024 TREE, GYMNOCLADUS DIOICIOUS (KENTUCKY COFFEETREE), 3" CALIPER, BALLED AND BURLAPPED	EACH	3	3
~	* K0012990 PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	13.55	13.55
~	* K1001988 IRRIGATION SYSTEM SPECIAL	L SUM	1	1
~	LR430040 PAVING BRICK SIDEWALK	SQ YD	1,800	1,800
~	X0322463 CONNECTION TO EXISTING SEWER	EACH	1	1
~	X0323389 STORM SEWER CONNECTION	EACH	1	1
~	X4240800 DETECTABLE WARNINGS (SPECIAL)	SQ FT	100	100
~	* X4400196 HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	1,400	1,400

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE ITEP 0031 80% FEDERAL 20% LOCAL
~ *	X5620122 WATER SERVICE REMOVAL	EACH	2	2
~	X6022805 CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID, SPECIAL	EACH	5	5
~	X6022900 CATCH BASINS TO BE RECONSTRUCTED (SPECIAL)	EACH	2	2
~	X6022905 CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID, SPECIAL	EACH	3	3
~	X6023203 INLETS, WITH TYPE 1 FRAME, CLOSED LID, SPECIAL	EACH	3	3
~	X6026620 VALVE VAULTS TO BE RECONSTRUCTED (SPECIAL)	EACH	1	1
~	X6028000 MANHOLES TO BE RECONSTRUCTED (SPECIAL)	EACH	3	3
~	X6061700 COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)	FOOT	1,325	1,325
~	XX003308 TRENCH DRAIN	FOOT	190	190
~ *	XX004533 SOIL PLANTING MIXTURE	CU YD	225	225
~	XX000541 EXPLORATORY EXCAVATION	CU YD	50	50
~	XX005735 PLANTER CURB	FOOT	1,550	1,550
~ *	XX007001 ROOT BARRIER	EACH	12	12
~	XX007413 CONCRETE EDGE RESTRAINT	FOOT	1,750	1,750
~	XX008931 8" X 8" CATCH BASIN TRAP	EACH	5	5
	Z0018700 DRAINAGE STRUCTURE TO BE REMOVED	EACH	5	5
~	Z0030850 TEMPORARY INFORMATION SIGNING	SQ FT	240	240
~	Z0042500 POST, SPECIAL	EACH	200	200
~	Z0056642 STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 6"	FOOT	93	93
~	Z0056644 STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 8"	FOOT	255	255

~ DENOTES SPECIAL PROVISION HAS BEEN PROVIDED  
 \* DENOTES SPECIALTY ITEM

Drawing file: W:\Projects\_by\_Village\Mount Prospect\55513148 - NW Hwy Streetscape\NW Hwy\04-05\_S00.dwg Nov 04, 2014 - 1:53pm



3033 Research Blvd  
 Westborough, MA 01581-2708  
 Phone: 781.366.4300  
 Fax: 781.366.4302

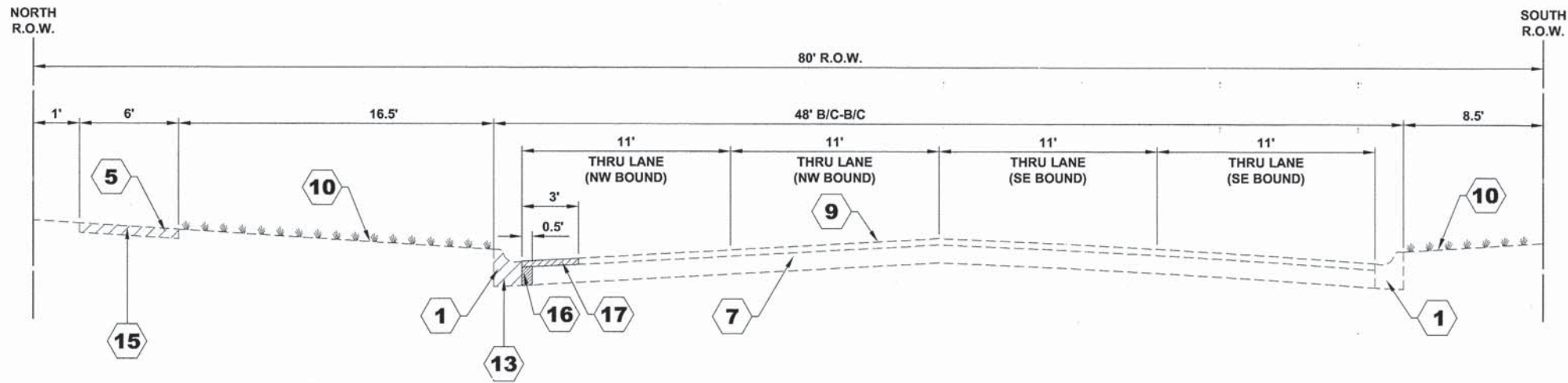
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	DRAWN - MK, DMM	REVISED - XX
PLOT SCALE - XX	CHECKED - MDL	REVISED - XX
PLOT DATE - XX	DATE - 05-14-14	REVISED - XX

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

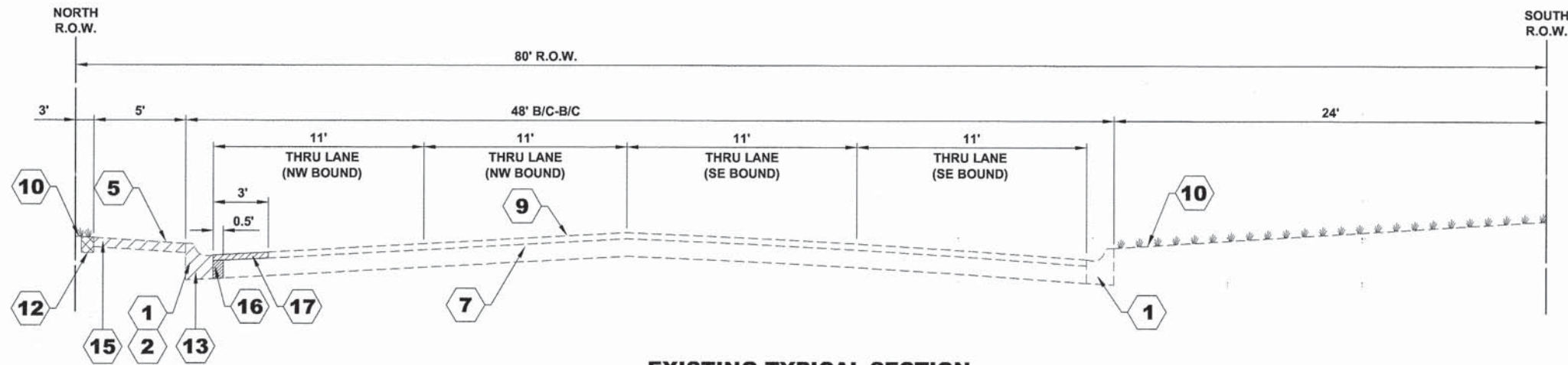
**SUMMARY OF QUANTITIES**

SCALE: NONE SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	5
CONTRACT NO. 61A23				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**EXISTING TYPICAL SECTION  
NORTHWEST HIGHWAY  
FOREST AVENUE TO FAIRVIEW AVENUE  
(STATION 1+00 TO STATION 4+90)**



**EXISTING TYPICAL SECTION  
NORTHWEST HIGHWAY  
MAPLE STREET TO SCHOOL STREET  
(STATION 41+30 TO STATION 50+50)**

SYMBOL	DESCRIPTION
1	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
2	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
3	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-3.12
4	CONCRETE CURB, TYPE B
5	PORTLAND CEMENT CONCRETE SIDEWALK
6	BRICK PAVER SIDEWALK
7	PORTLAND CEMENT CONCRETE BASE COURSE, ± 10"
8	PORTLAND CEMENT CONCRETE BASE COURSE, ± 8"
9	HOT-MIX ASPHALT BINDER & SURFACE COURSE, 2" - 4"
10	GRASS PARKWAY
11	PLANTER
12	EARTH EXCAVATION
13	COMBINATION CURB AND GUTTER REMOVAL (ONLY CERTAIN DETERIORATED SECTIONS OF COMBINATION CURB AND GUTTER WILL BE REPLACED)
14	COMBINATION CURB AND GUTTER REMOVAL
15	SIDEWALK REMOVAL
16	PAVEMENT REMOVAL
17	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL

Drawing file: W:\Projects\_by\_Village\Mount Prospect\55513148 - NW Hwy Streetscape\NW Hwy\TYPICALS.dwg Mar 19, 2014 - 1:44pm

**HANCOCK ENGINEERING**  
 Civil Engineers  
 Municipal Consultants  
 Established 1911  
 1913 Kenwood Road  
 Wheeling, Illinois 60094-2100  
 Phone: 708-945-4300  
 Fax: 708-945-1032

USER NAME -	XX	DESIGNED -	JGG	REVISED -	XX
DRAWN -	MK	CHECKED -	MDL	REVISED -	XX
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PLOT DATE -	XX				

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

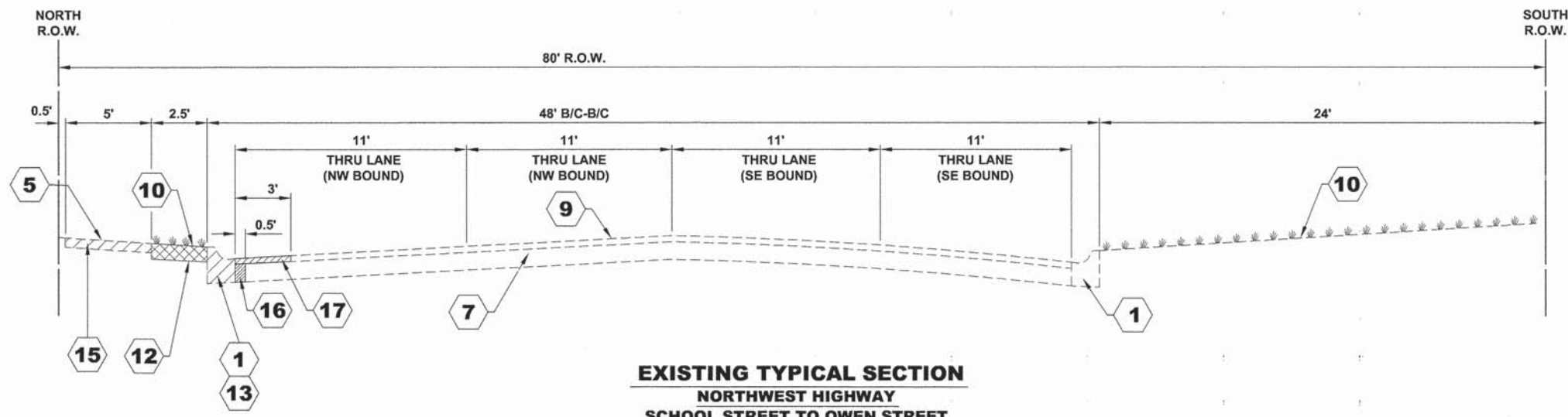
**EXISTING TYPICAL SECTIONS**

SCALE: NONE SHEET NO. 1 OF 4 SHEETS STA. TO STA.

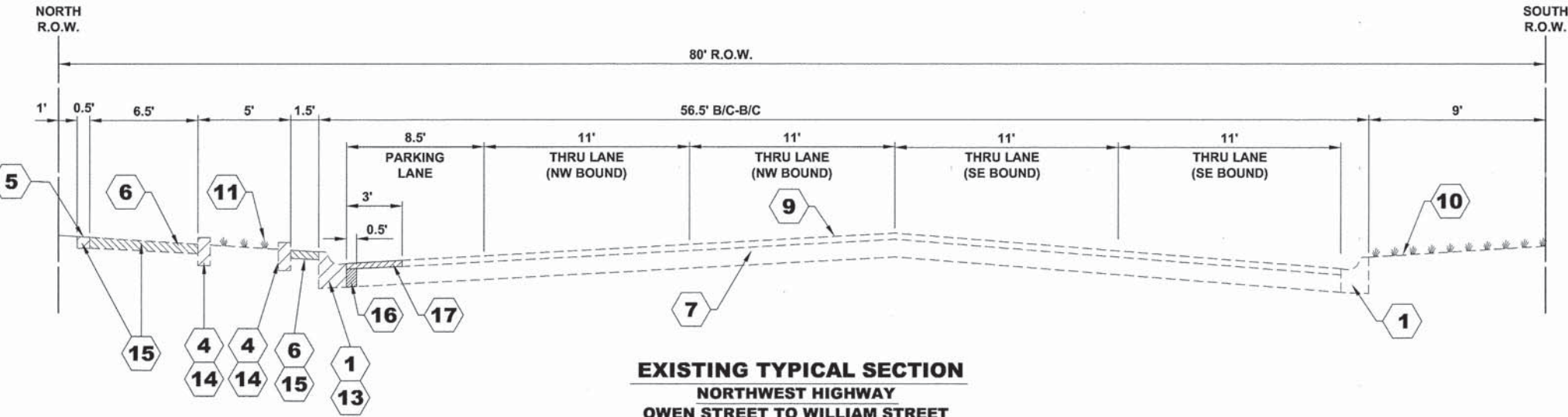
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	6
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61A23	

E.H.E. PROJECT NO. 555-13-14801

Drawing file: W:\Projects\_by\_Village\Mount Prospect\35513148 - NW Hwy Streetscape\NW Hwy\TYPICALS.dwg Mar 19, 2014 - 1:44pm



**EXISTING TYPICAL SECTION  
NORTHWEST HIGHWAY  
SCHOOL STREET TO OWEN STREET  
(STATION 50+50 TO STATION 54+75)**



**EXISTING TYPICAL SECTION  
NORTHWEST HIGHWAY  
OWEN STREET TO WILLIAM STREET  
(STATION 54+75 TO STATION 58+25)**

SYMBOL	DESCRIPTION
1	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
2	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
3	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-3.12
4	CONCRETE CURB, TYPE B
5	PORTLAND CEMENT CONCRETE SIDEWALK
6	BRICK PAVER SIDEWALK
7	PORTLAND CEMENT CONCRETE BASE COURSE, ± 10"
8	PORTLAND CEMENT CONCRETE BASE COURSE, ± 8"
9	HOT-MIX ASPHALT BINDER & SURFACE COURSE, 2" - 4"
10	GRASS PARKWAY
11	PLANTER
12	EARTH EXCAVATION
13	COMBINATION CURB AND GUTTER REMOVAL (ONLY CERTAIN DETERIORATED SECTIONS OF COMBINATION CURB AND GUTTER WILL BE REPLACED)
14	COMBINATION CURB AND GUTTER REMOVAL
15	SIDEWALK REMOVAL
16	PAVEMENT REMOVAL
17	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL

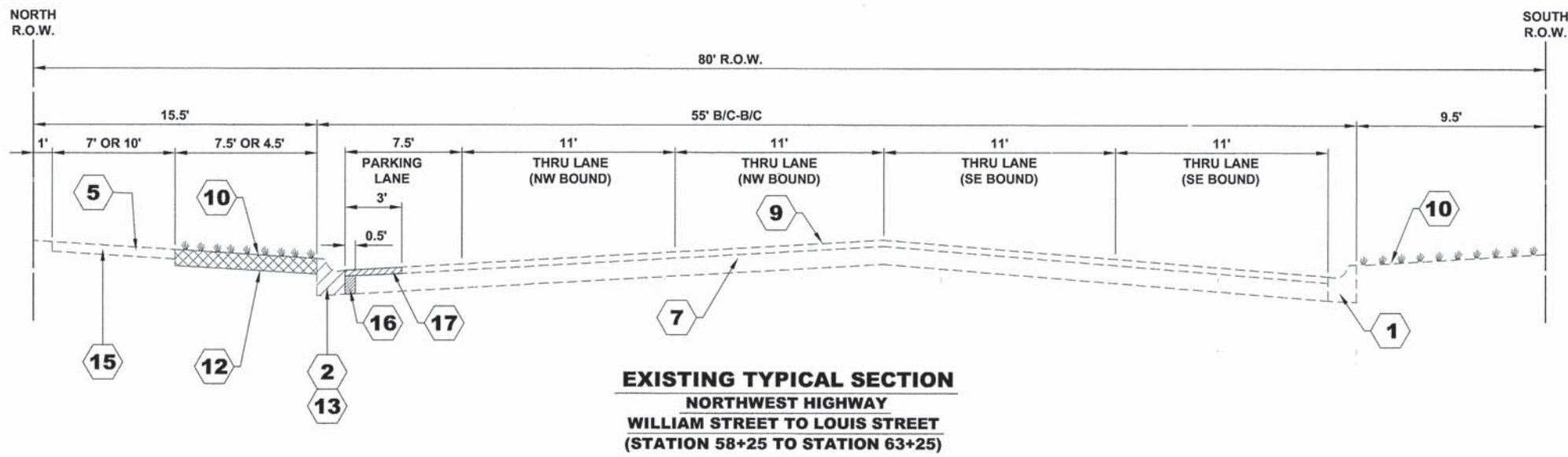


USER NAME -	XX	DESIGNED -	JGG	REVISED -	XX
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PLOT DATE -	XX	DATE -	03-19-14	REVISED -	XX

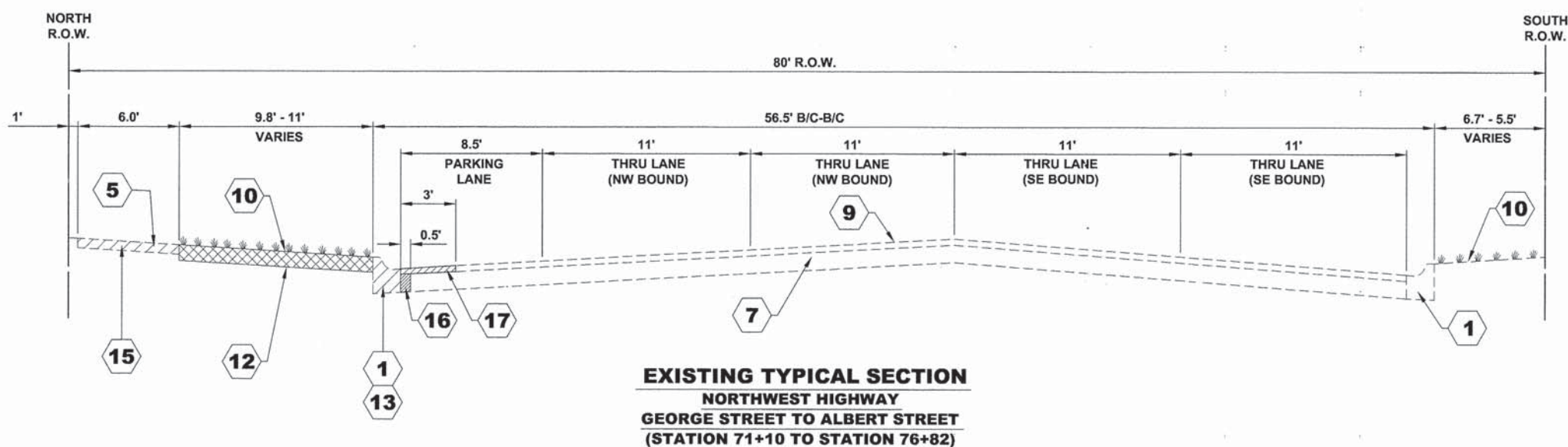
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>EXISTING TYPICAL SECTIONS</b>	
SCALE: NONE	SHEET NO. 2 OF 4 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	7
CONTRACT NO. 61A23				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**EXISTING TYPICAL SECTION  
NORTHWEST HIGHWAY  
WILLIAM STREET TO LOUIS STREET  
(STATION 58+25 TO STATION 63+25)**



**EXISTING TYPICAL SECTION  
NORTHWEST HIGHWAY  
GEORGE STREET TO ALBERT STREET  
(STATION 71+10 TO STATION 76+82)**

SYMBOL	DESCRIPTION
1	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
2	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
3	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-3.12
4	CONCRETE CURB, TYPE B
5	PORTLAND CEMENT CONCRETE SIDEWALK
6	BRICK PAVER SIDEWALK
7	PORTLAND CEMENT CONCRETE BASE COURSE, ± 10"
8	PORTLAND CEMENT CONCRETE BASE COURSE, ± 8"
9	HOT-MIX ASPHALT BINDER & SURFACE COURSE, 2" - 4"
10	GRASS PARKWAY
11	PLANTER
12	EARTH EXCAVATION
13	COMBINATION CURB AND GUTTER REMOVAL (ONLY CERTAIN DETERIORATED SECTIONS OF COMBINATION CURB AND GUTTER WILL BE REPLACED)
14	COMBINATION CURB AND GUTTER REMOVAL
15	SIDEWALK REMOVAL
16	PAVEMENT REMOVAL
17	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL

Drawing file: W:\Projects\By\_Village\Mount Prospect\35513148 - NW Hwy Streetscape\NW Hwy\TYPICALS.dwg Apr 09, 2014 - 9:47am  
 Hancock Engineering  
 9913 Rosemont Road  
 Rosemont, Illinois 60018-1190  
 Phone: 708.945.6300  
 Fax: 708.945.1212

**HANCOCK ENGINEERING**  
 Civil Engineers  
 Municipal Consultants  
 Established 1911

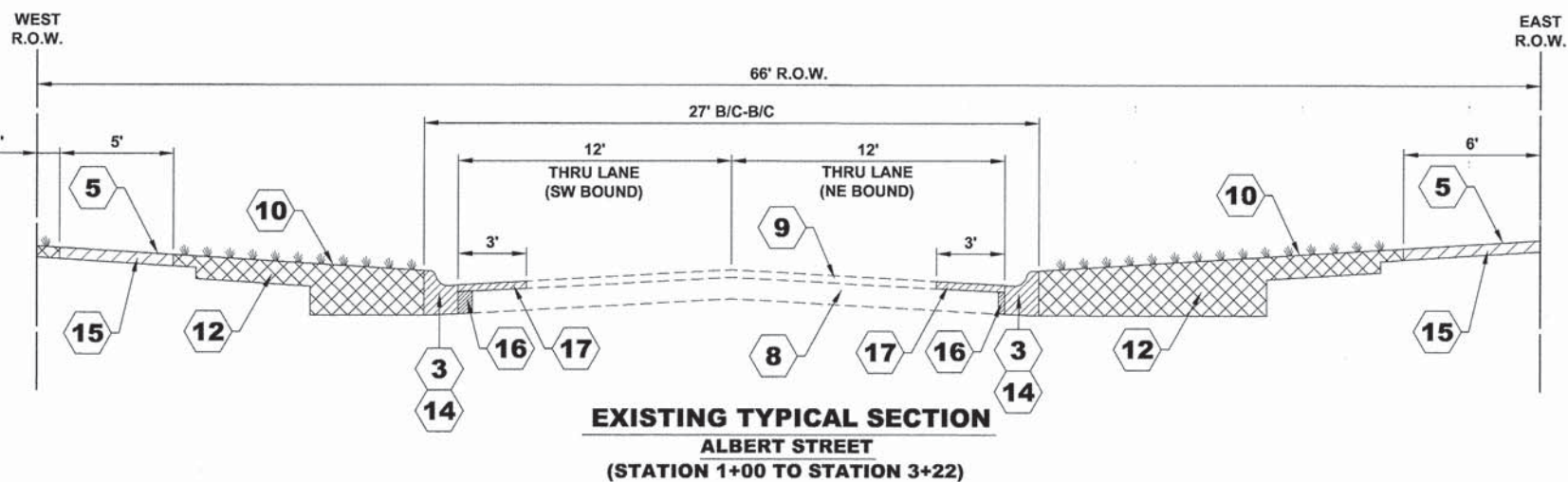
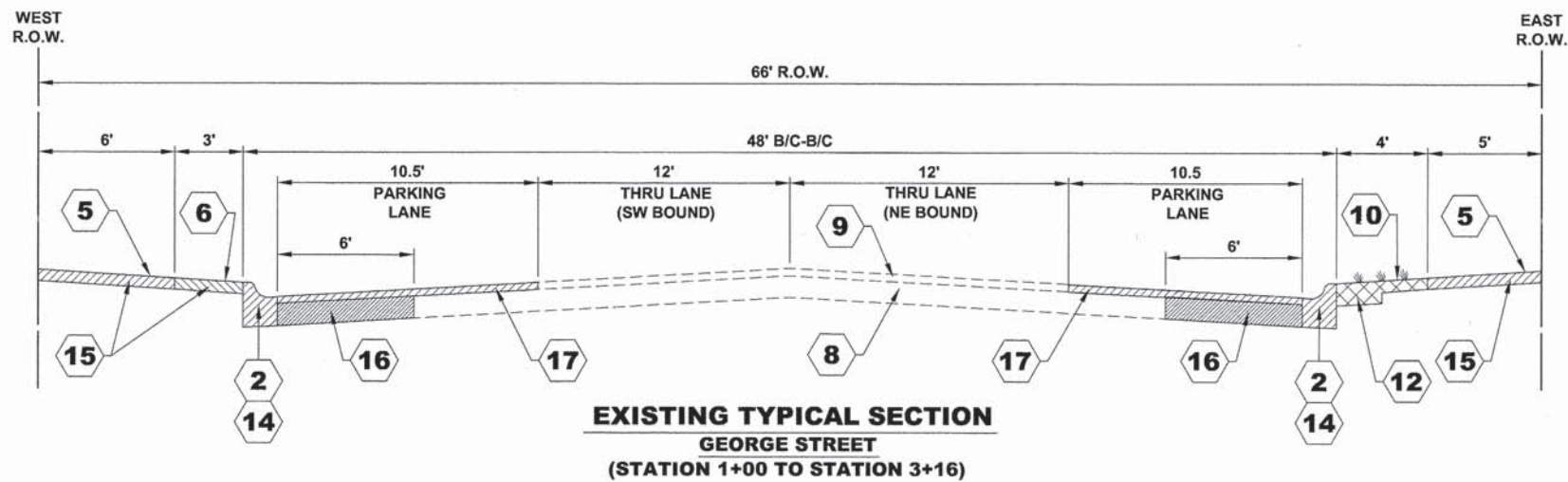
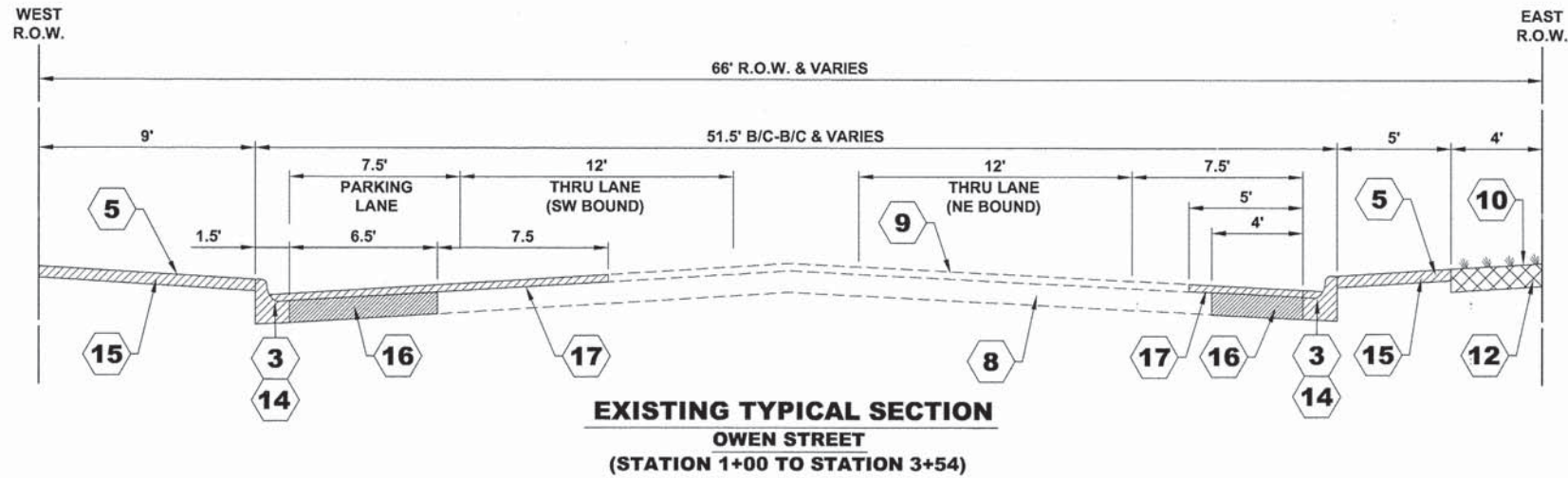
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PLOT SCALE - XX	DRAWN - MK	REVISED - XX
PLOT DATE - XX	CHECKED - MDL	REVISED - XX
	DATE - 03-19-14	REVISED - XX

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>EXISTING TYPICAL SECTIONS</b>	
SCALE: NONE	SHEET NO. 3 OF 4 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	8
CONTRACT NO. 61A23				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





SYMBOL	DESCRIPTION
1	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
2	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
3	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-3.12
4	CONCRETE CURB, TYPE B
5	PORTLAND CEMENT CONCRETE SIDEWALK
6	BRICK PAVER SIDEWALK
7	PORTLAND CEMENT CONCRETE BASE COURSE, ± 10"
8	PORTLAND CEMENT CONCRETE BASE COURSE, ± 8"
9	HOT-MIX ASPHALT BINDER & SURFACE COURSE, 2" - 4"
10	GRASS PARKWAY
11	PLANTER
12	EARTH EXCAVATION
13	COMBINATION CURB AND GUTTER REMOVAL (ONLY CERTAIN DETERIORATED SECTIONS OF COMBINATION CURB AND GUTTER WILL BE REPLACED)
14	COMBINATION CURB AND GUTTER REMOVAL
15	SIDEWALK REMOVAL
16	PAVEMENT REMOVAL
17	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL

Drawing file: W:\Projects\by\_Village\Mount Prospect\55513148 - NW Hwy Streetscape\NW Hwy\TYPICALS.dwg  
 Mar 19, 2014 - 1:43pm

**HANCOCK ENGINEERING**  
 Civil Engineers  
 Municipal Consultants  
 Established 1911  
 1911 Riverside Road  
 Wheeling, Illinois 60090-1700  
 Phone: 708/945-0200  
 Fax: 708/945-1222

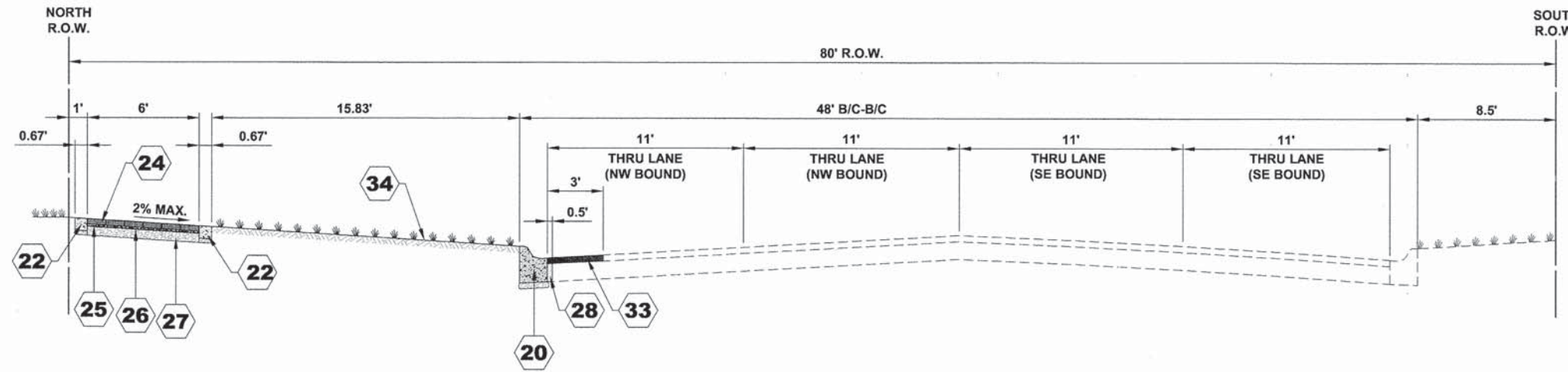
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DRAWN -	MK	CHECKED -	MDL	REVISED -	XX
PLOT SCALE -	XX	DATE -	03-19-14	REVISED -	XX
PLOT DATE -	XX				

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

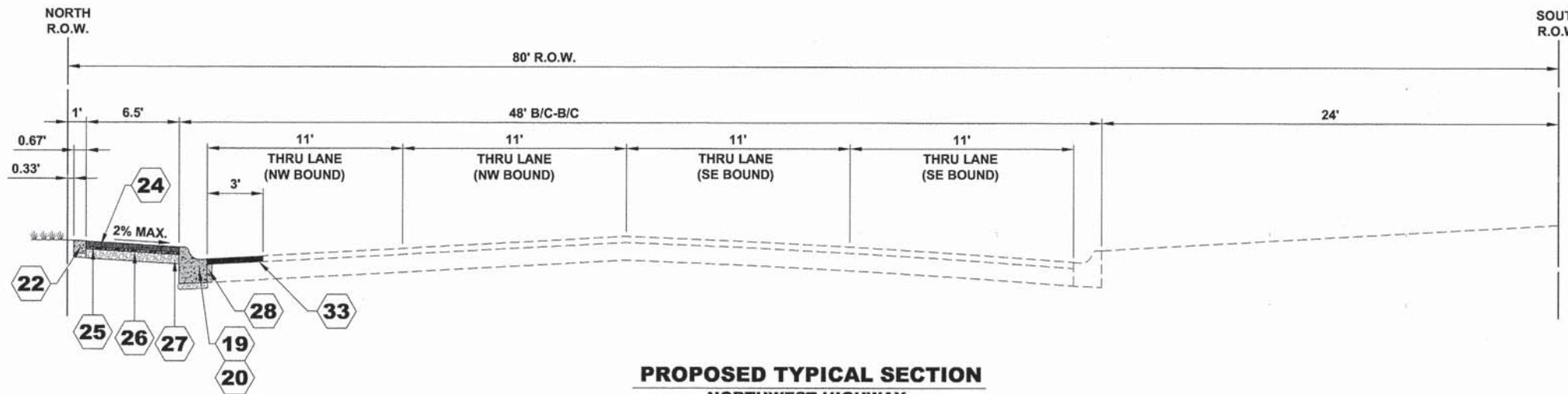
<b>EXISTING TYPICAL SECTIONS</b>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		3612	13-00160-00-SW	COOK	50	9
SCALE: NONE		SHEET NO. 4 OF 4 SHEETS		STA. TO STA.		CONTRACT NO. 61A23
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	9

SYMBOL	DESCRIPTION
18	COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)
19	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (MODIFIED)
20	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (MODIFIED)
21	PLANTER CURB
22	CONCRETE EDGE RESTRAINT
23	PORTLAND CEMENT CONCRETE SIDEWALK, 5"
24	PAVING BRICK SIDEWALK
25	SAND CUSHION, 1" (INCLUDED IN THE COST FOR PAVING BRICK SIDEWALK)
26	FILTER FABRIC (INCLUDED IN THE COST FOR PAVING BRICK SIDEWALK)
27	AGGREGATE BASE COURSE, TYPE B, 6"
28	PORTLAND CEMENT CONCRETE BASE COURSE 10"
29	PORTLAND CEMENT CONCRETE BASE COURSE 8"
30	TIE BARS 3/4" (EPOXY COATED, 3/4" DIA., 18" LONG DEFORMED TIE BARS @ 24" O.C.)
31	LEVELING BINDER (MACHINE METHOD), N50
32	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
33	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
34	TOPSOIL FURNISH AND PLACE, 4" SODDING
35	SOIL PLANTING MIXTURE



**PROPOSED TYPICAL SECTION  
NORTHWEST HIGHWAY  
FOREST AVENUE TO FAIRVIEW AVENUE  
(STATION 1+00 TO STATION 4+90)**



**PROPOSED TYPICAL SECTION  
NORTHWEST HIGHWAY  
MAPLE STREET TO SCHOOL STREET  
(STATION 41+30 TO STATION 50+50)**

**HOT-MIX ASPHALT (HMA) MIXTURE REQUIREMENTS**

ITEM	AIR VOIDS	QUALITY MANAGEMENT PROGRAM (QMP)
<b>RESURFACING</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL - 9.5 mm)	4% @ 50 GYR	Qc/Qa
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL - 9.5 mm)	4% @ 50 GYR	Qc/Qa
LEVELING BINDER (MACHINE METHOD), N50	4% @ 50 GYR	Qc/Qa
INCIDENTAL HOT-MIX ASPHALT SURFACING (HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5mm))	4% @ 50 GYR	Qc/Qa

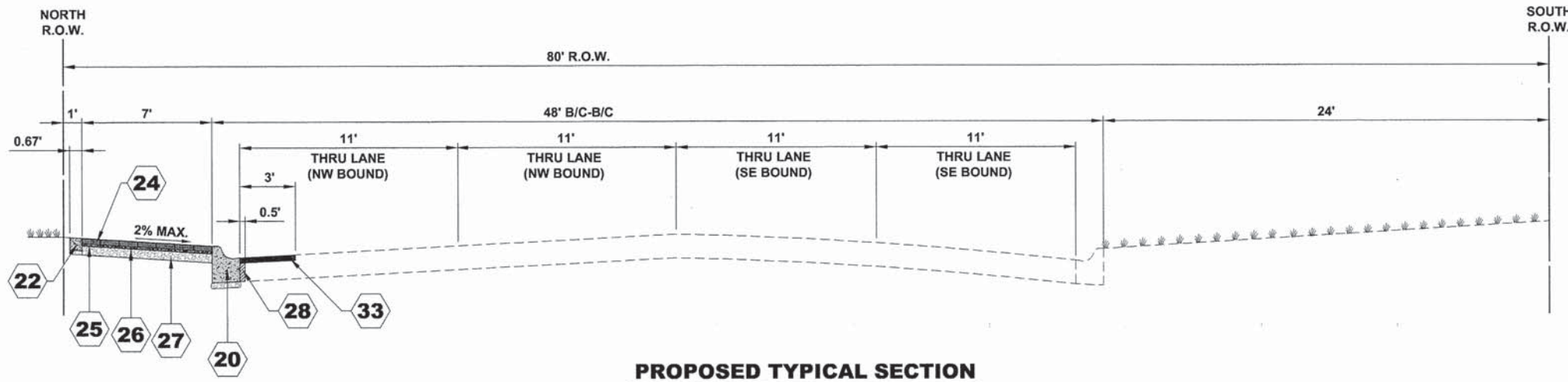
THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES = 112 LBS/SQYD/IN.

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.

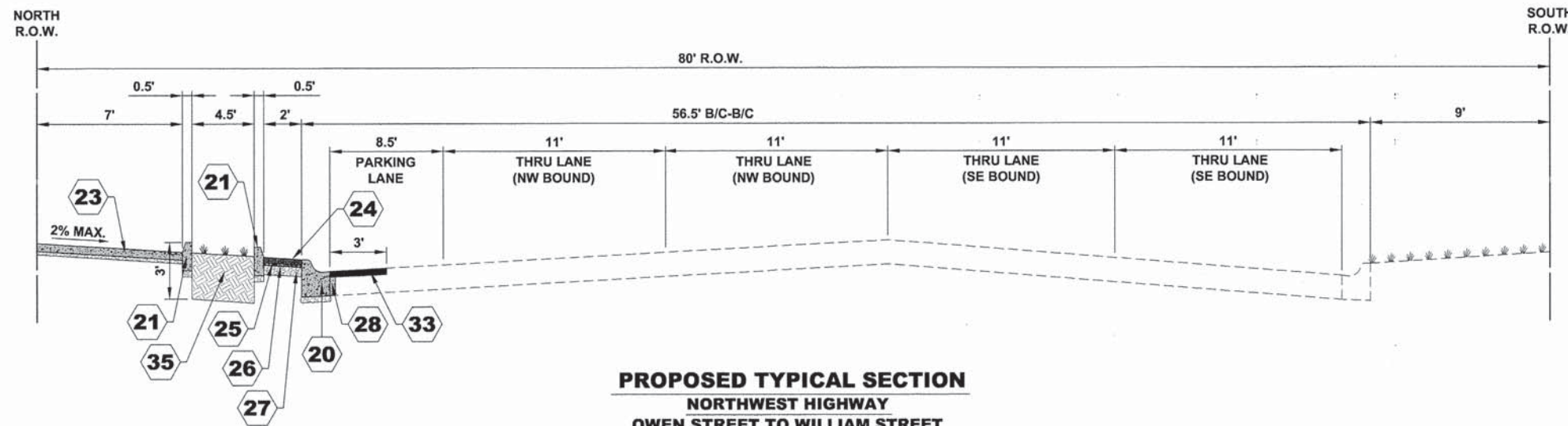
FOR HMA FULL DEPTH "AC TYPE" SEE SPECIAL PROVISIONS.

FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.



**PROPOSED TYPICAL SECTION  
NORTHWEST HIGHWAY  
SCHOOL STREET TO OWEN STREET  
(STATION 50+50 TO STATION 54+75)**



**PROPOSED TYPICAL SECTION  
NORTHWEST HIGHWAY  
OWEN STREET TO WILLIAM STREET  
(STATION 54+75 TO STATION 58+25)**

SYMBOL	DESCRIPTION
18	COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)
19	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (MODIFIED)
20	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (MODIFIED)
21	PLANTER CURB
22	CONCRETE EDGE RESTRAINT
23	PORTLAND CEMENT CONCRETE SIDEWALK, 5"
24	PAVING BRICK SIDEWALK
25	SAND CUSHION, 1" (INCLUDED IN THE COST FOR PAVING BRICK SIDEWALK)
26	FILTER FABRIC (INCLUDED IN THE COST FOR PAVING BRICK SIDEWALK)
27	AGGREGATE BASE COURSE, TYPE B, 6"
28	PORTLAND CEMENT CONCRETE BASE COURSE 10"
29	PORTLAND CEMENT CONCRETE BASE COURSE 8"
30	TIE BARS 3/4" (EPOXY COATED, 3/4" DIA., 18" LONG DEFORMED TIE BARS @ 24" O.C.)
31	LEVELING BINDER (MACHINE METHOD), N50
32	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
33	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
34	TOPSOIL FURNISH AND PLACE, 4" SODDING
35	SOIL PLANTING MIXTURE

HOT-MIX ASPHALT (HMA) MIXTURE REQUIREMENTS		
ITEM	AIR VOIDS	QUALITY MANAGEMENT PROGRAM (QMP)
<b>RESURFACING</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL - 9.5 mm)	4% @ 50 GYR	Qc/Qa
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL - 9.5 mm)	4% @ 50 GYR	Qc/Qa
LEVELING BINDER (MACHINE METHOD), N50	4% @ 50 GYR	Qc/Qa
INCIDENTAL HOT-MIX ASPHALT SURFACING (HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5mm))	4% @ 50 GYR	Qc/Qa

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES = 112 LBS/SQYD/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.

QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

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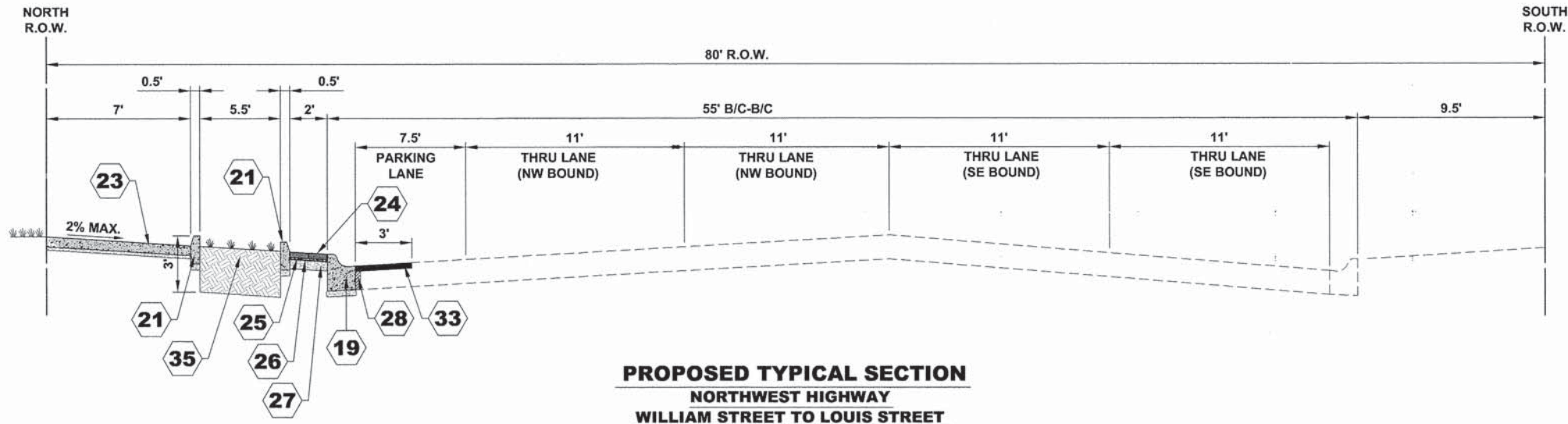
**HANCOCK ENGINEERING**  
Civil Engineers  
Municipal Consultants  
Established 1911

USER NAME - XX	DESIGNED - JGG	REVISED - XX
	DRAWN - MK	REVISED - XX
PLOT SCALE - XX	CHECKED - MDL	REVISED - XX
PLOT DATE - XX	DATE - 03-19-14	REVISED - XX

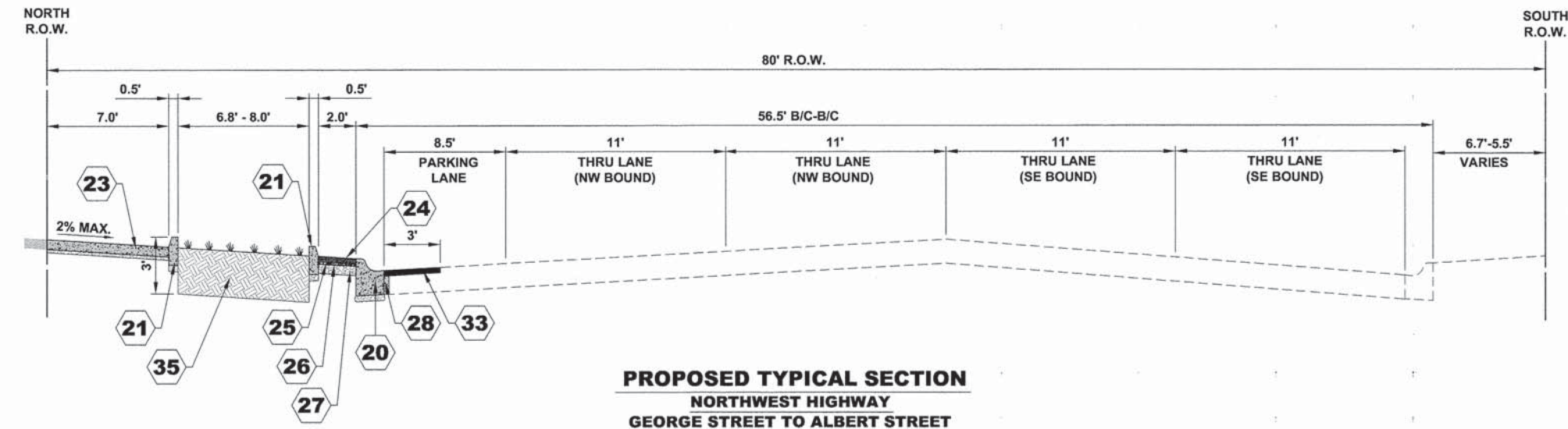
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED TYPICAL SECTIONS</b>	
SCALE: NONE	SHEET NO. 2 OF 4 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	11
CONTRACT NO. 61A23				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**PROPOSED TYPICAL SECTION**  
**NORTHWEST HIGHWAY**  
**WILLIAM STREET TO LOUIS STREET**  
**(STATION 58+25 TO STATION 63+25)**



**PROPOSED TYPICAL SECTION**  
**NORTHWEST HIGHWAY**  
**GEORGE STREET TO ALBERT STREET**  
**(STATION 71+00 TO STATION 76+35)**

SYMBOL	DESCRIPTION
18	COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)
19	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (MODIFIED)
20	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (MODIFIED)
21	PLANTER CURB
22	CONCRETE EDGE RESTRAINT
23	PORTLAND CEMENT CONCRETE SIDEWALK, 5"
24	PAVING BRICK SIDEWALK
25	SAND CUSHION, 1" (INCLUDED IN THE COST FOR PAVING BRICK SIDEWALK)
26	FILTER FABRIC (INCLUDED IN THE COST FOR PAVING BRICK SIDEWALK)
27	AGGREGATE BASE COURSE, TYPE B, 6"
28	PORTLAND CEMENT CONCRETE BASE COURSE 10"
29	PORTLAND CEMENT CONCRETE BASE COURSE 8"
30	TIE BARS 3/4" (EPOXY COATED, 3/4" DIA., 18" LONG DEFORMED TIE BARS @ 24" O.C.)
31	LEVELING BINDER (MACHINE METHOD), N50
32	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
33	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
34	TOPSOIL FURNISH AND PLACE, 4" SODDING
35	SOIL PLANTING MIXTURE

HOT-MIX ASPHALT (HMA) MIXTURE REQUIREMENTS		
ITEM	AIR VOIDS	QUALITY MANAGEMENT PROGRAM (QMP)
<b>RESURFACING</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL - 9.5 mm)	4% @ 50 GYR	Qc/Qa
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL - 9.5 mm)	4% @ 50 GYR	Qc/Qa
LEVELING BINDER (MACHINE METHOD), N50	4% @ 50 GYR	Qc/Qa
INCIDENTAL HOT-MIX ASPHALT SURFACING (HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5mm))	4% @ 50 GYR	Qc/Qa

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES = 112 LBS/SQYD/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.

QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

Drawing file: W:\Projects\_by\_Village\Mount Prospect\55513148 - NW Hwy Streetscape\NW Hwy\TYPICALS.dwg Apr 08, 2014 - 4:32pm

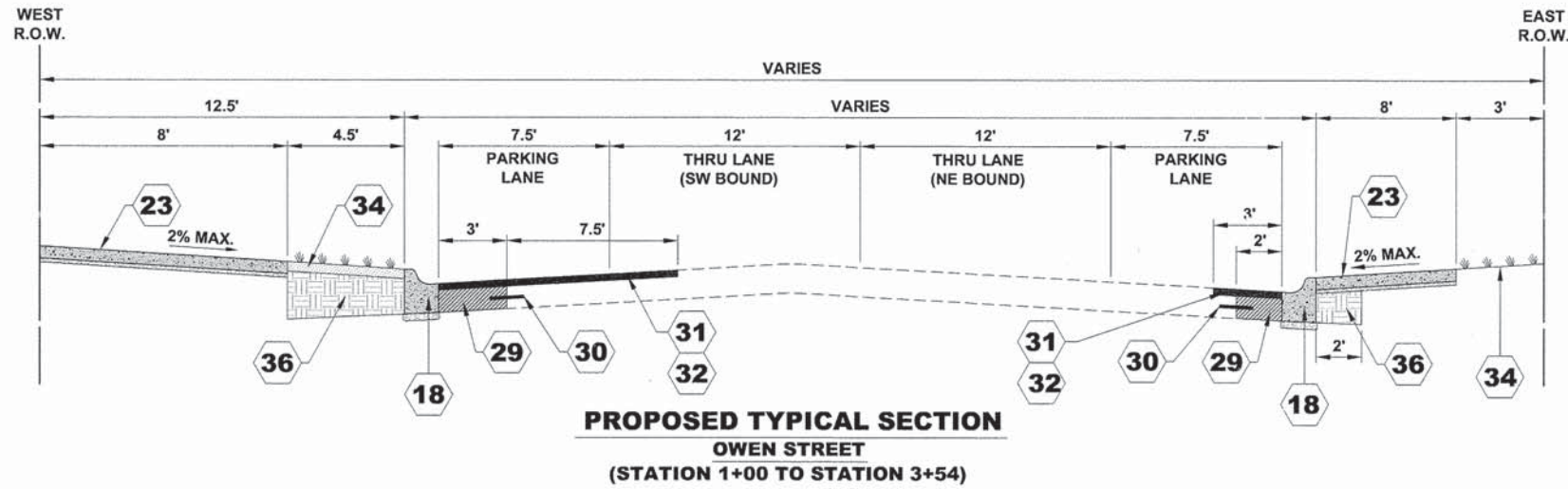
**HANCOCK ENGINEERING**  
 Civil Engineers  
 Municipal Consultants  
 Established 1911

USER NAME - XX	DESIGNED - JGG	REVISED - XX
PLOT SCALE - XX	DRAWN - MK	REVISED - XX
PLOT DATE - XX	CHECKED - MDL	REVISED - XX
	DATE - 03-19-14	REVISED - XX

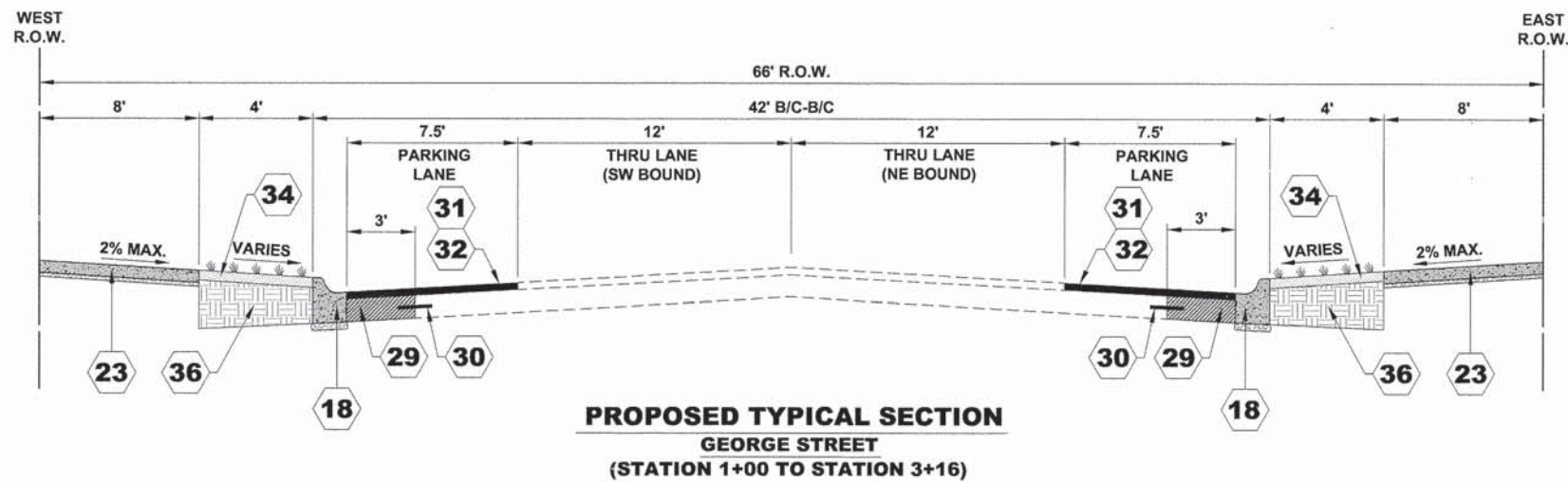
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED TYPICAL SECTIONS</b>	
SCALE: NONE	SHEET NO. 3 OF 4 SHEETS
STA.	TO STA.

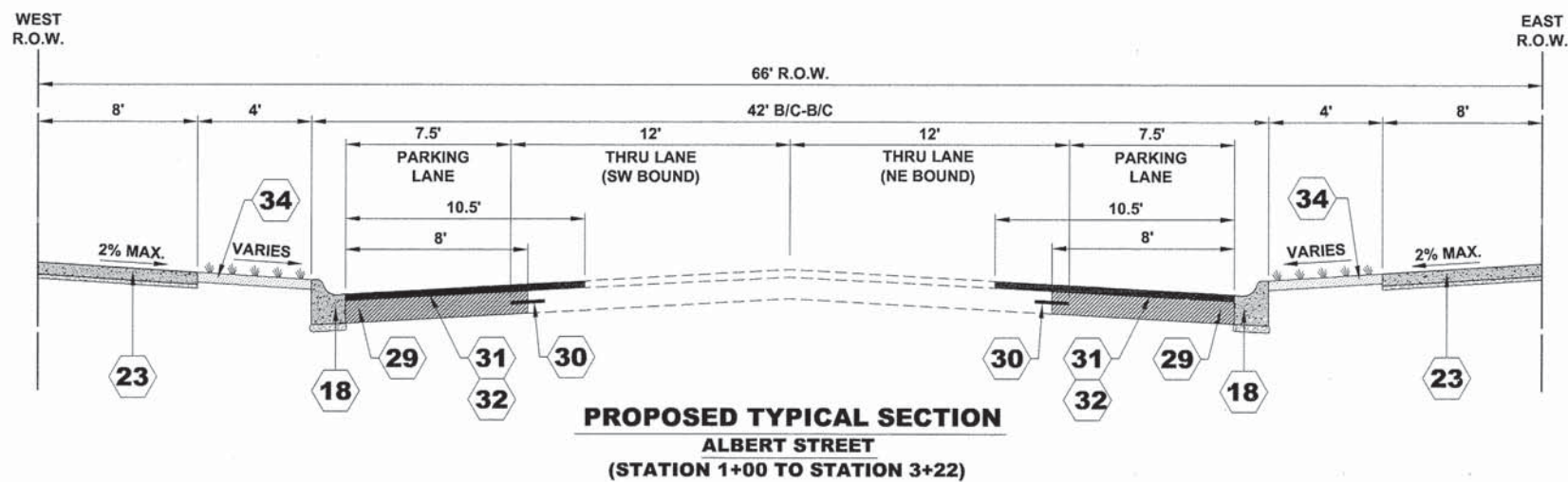
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	12
CONTRACT NO. 61A23				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**PROPOSED TYPICAL SECTION  
OWEN STREET  
(STATION 1+00 TO STATION 3+54)**



**PROPOSED TYPICAL SECTION  
GEORGE STREET  
(STATION 1+00 TO STATION 3+16)**



**PROPOSED TYPICAL SECTION  
ALBERT STREET  
(STATION 1+00 TO STATION 3+22)**

SYMBOL	DESCRIPTION
18	COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)
19	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (MODIFIED)
20	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (MODIFIED)
21	PLANTER CURB
22	CONCRETE EDGE RESTRAINT
23	PORTLAND CEMENT CONCRETE SIDEWALK, 5"
24	PAVING BRICK SIDEWALK
25	SAND CUSHION, 1" (INCLUDED IN THE COST FOR PAVING BRICK SIDEWALK)
26	FILTER FABRIC (INCLUDED IN THE COST FOR PAVING BRICK SIDEWALK)
27	AGGREGATE BASE COURSE, TYPE B, 6"
28	PORTLAND CEMENT CONCRETE BASE COURSE 10"
29	PORTLAND CEMENT CONCRETE BASE COURSE 8"
30	TIE BARS 3/4" (EPOXY COATED, 3/4" DIA., 18" LONG DEFORMED TIE BARS @ 24" O.C.)
31	LEVELING BINDER (MACHINE METHOD), N50
32	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
33	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
34	TOPSOIL FURNISH AND PLACE, 4" SODDING
35	SOIL PLANTING MIXTURE
36	AREA OF STREET NARROWING TO BE FILLED WITH EARTH EXCAVATION FROM PROJECT

HOT-MIX ASPHALT (HMA) MIXTURE REQUIREMENTS	
ITEM	AIR VOIDS @ Ndes
<b>RESURFACING</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL - 9.5 mm), 2"	4% @ 50 GYR
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL - 9.5 mm), 3" (2 LIFTS)	4% @ 70 GYR
LEVELING BINDER (MACHINE METHOD), N50, 1"	4% @ 50 GYR
INCIDENTAL HOT-MIX ASPHALT SURFACING (HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5mm)), 3" (2 LIFTS)	4% @ 50 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES = 112 LBS/SQYD/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.

Drawing file: W:\Projects\by\_Village\Mount Prospect\55513148 - NW Hwy Streetscape\NW Hwy TYPICALS.dwg  
 Nov 20, 2014 - 3:13pm  
 1013 Research Road  
 Wheeling, Illinois 60090-2700  
 Phone: 708.962.6200  
 Fax: 708.962.0212



USER NAME - XX	DESIGNED - JGG	REVISED - XX
	DRAWN - MK, DMM	REVISED - XX
	CHECKED - MDL	REVISED - XX
PLOT SCALE - XX	DATE - 05-14-14	REVISED - XX
PLOT DATE - XX		

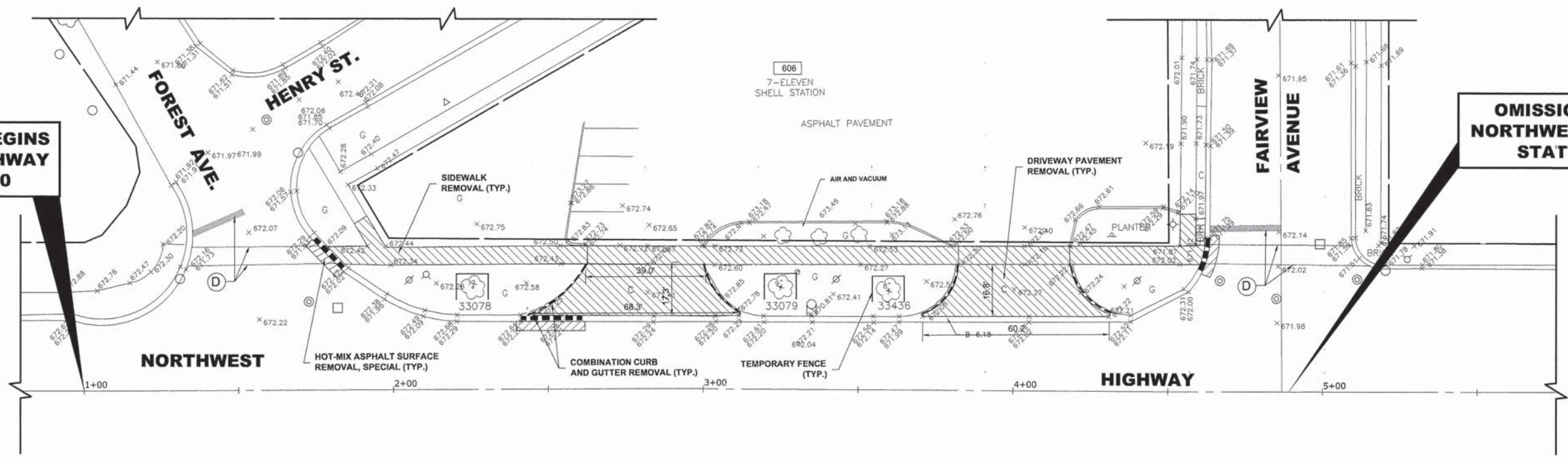
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED TYPICAL SECTIONS</b>	
SCALE: NONE	SHEET NO. 4 OF 4 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	13
CONTRACT NO. 61A23				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

**IMPROVEMENT BEGINS  
NORTHWEST HIGHWAY  
STATION 1+00**

**OMISSION BEGINS  
NORTHWEST HIGHWAY  
STATION 4+90**



**EXISTING TREES CHART**

UNITID	BOTNAME	DBH Dia. (IN)
17408	GLTR1	24
33078	MA1DW	7
33079	MA1DW	9
33436	MA1DW	8

**NOTES:**

SEE LEGEND ON SHEET 2 FOR SYMBOL DESCRIPTION.

**COMMERCIAL PROPERTY ACCESS:**  
THE CONTRACTOR SHALL MAINTAIN ACCESS TO COMMERCIAL PROPERTIES AT ALL TIMES AS DIRECTED BY THE ENGINEER. THIS CAN INVOLVE THE STAGING OF SIDEWALK OR DRIVEWAY REMOVAL AND REPLACEMENT, CURB AND GUTTER REMOVAL AND REPLACEMENT, AND THE REPLACEMENT OF BRICK PAVERS. IT MAY ALSO NECESSITATE THE USE OF TEMPORARY STONE FOR ACCESS. PAYMENT WILL NOT BE MADE SEPARATELY, BUT WILL BE INCLUDED IN THE UNIT PRICE FOR THE RESPECTIVE PAY ITEMS IN THE CONTRACT.

**SIGNING PLAN  
LEGEND OF SYMBOLS**

A	TYPE A POST
B	TYPE B POST
S	STOP SIGN, R1-1, 30"X30" REFLECTIVE SIGN POST PANEL, R1-1, 60"X3"
R	EXISTING SIGN PANELS TO BE RELOCATED TO PROPOSED POST (INCLUDED IN COST OF POST)
RM	EXISTING SIGN PANELS TO BE REMOVED (INCLUDED IN COST OF POST)

**PAVEMENT MARKING LEGEND**

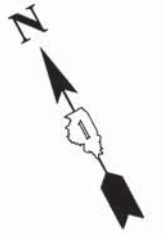
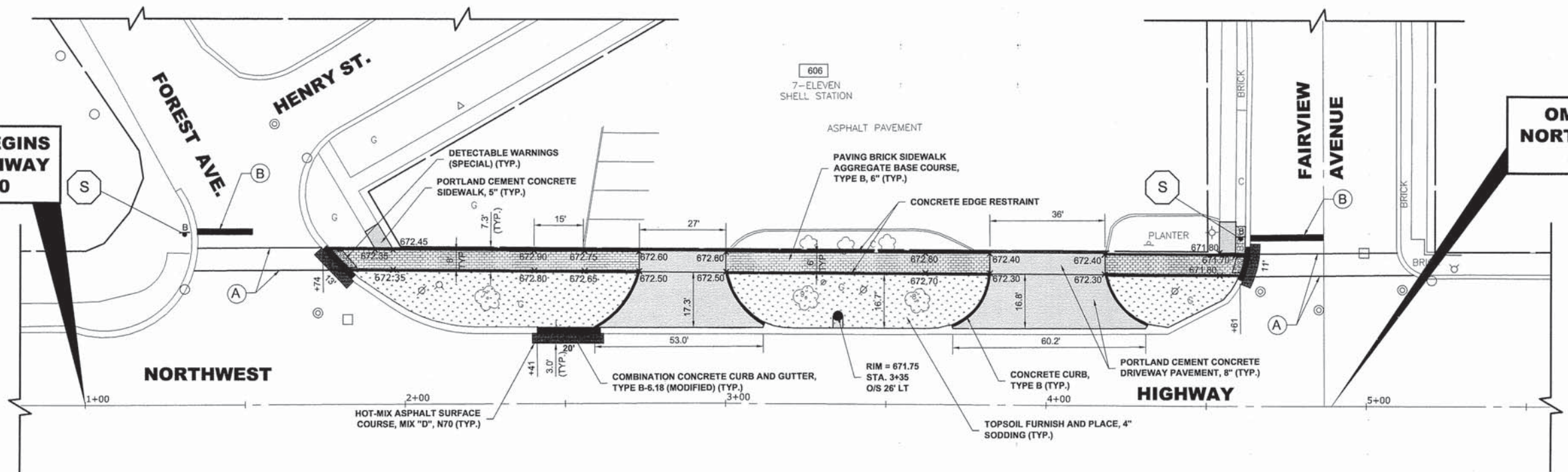
ITEM DESCRIPTION	SYMBOL
THERMOPLASTIC PAVEMENT MARKING LINE 6", CROSS WALK, WHITE	(A)
THERMOPLASTIC PAVEMENT MARKING LINE 24", STOP BAR, WHITE	(B)
PAINT PAVEMENT MARKING, LETTERS AND SYMBOLS, WHITE	(C)
PAVEMENT MARKING REMOVAL	(D)

\* EXISTING PAVEMENT MARKINGS TO BE REMOVED AS NECESSARY.

**EXISTING  
TOPOGRAPHY**

**IMPROVEMENT BEGINS  
NORTHWEST HIGHWAY  
STATION 1+00**

**OMISSION BEGINS  
NORTHWEST HIGHWAY  
STATION 4+90**



**PROPOSED  
IMPROVEMENT**



USER NAME - XX	DESIGNED - JGG	REVISED - XX
	DRAWN - MK	REVISED - XX
PLOT SCALE - XX	CHECKED - MDL	REVISED - XX
PLOT DATE - XX	DATE - 03-19-14	REVISED - XX

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**NORTHWEST HIGHWAY (US14)  
PAVING PLAN**

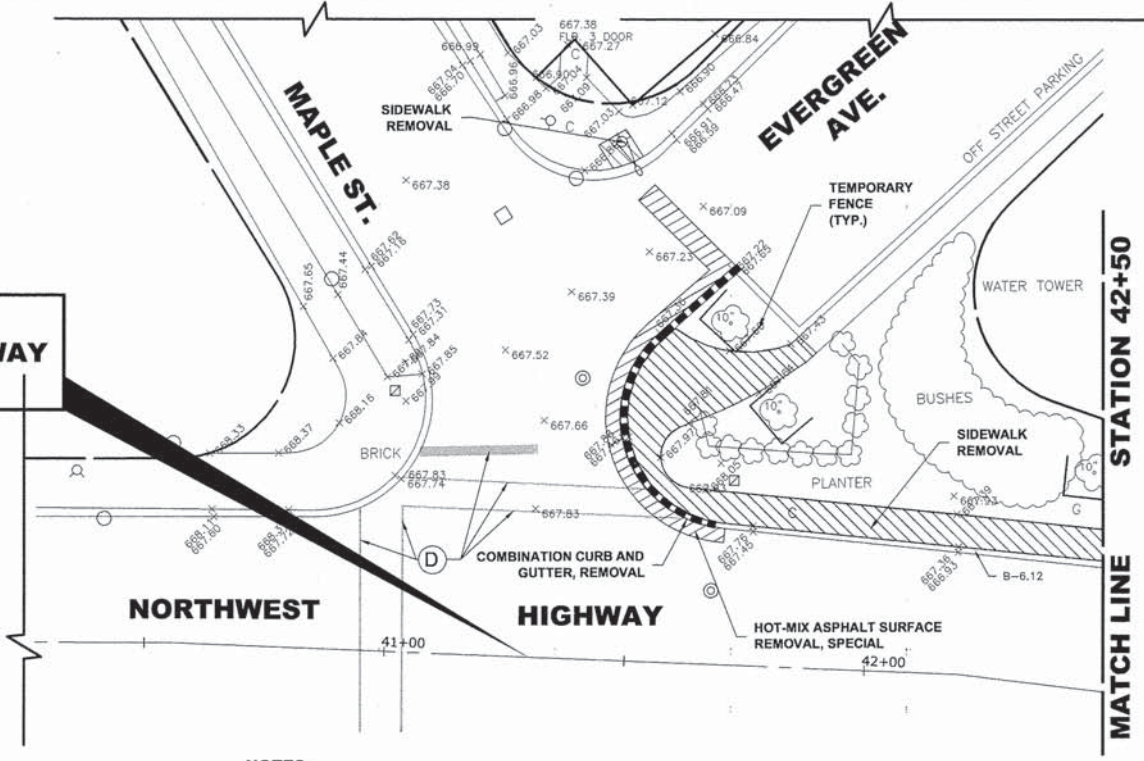
SCALE: 1"=20' SHEET NO. 1 OF 11 SHEETS STA. 1+00 TO STA. 4+90

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	14
CONTRACT NO. 61A23				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 555-13-14801

Drawing file: W:\Projects\_by\_Village\Mount Prospect\55513148 - NW Hwy Streetscape\NW Hwy\_NW\_Hwy\_Improvements.dwg Mar 21, 2014 - 4:37pm

**OMISSION ENDS  
NORTHWEST HIGHWAY  
STATION 41+30**

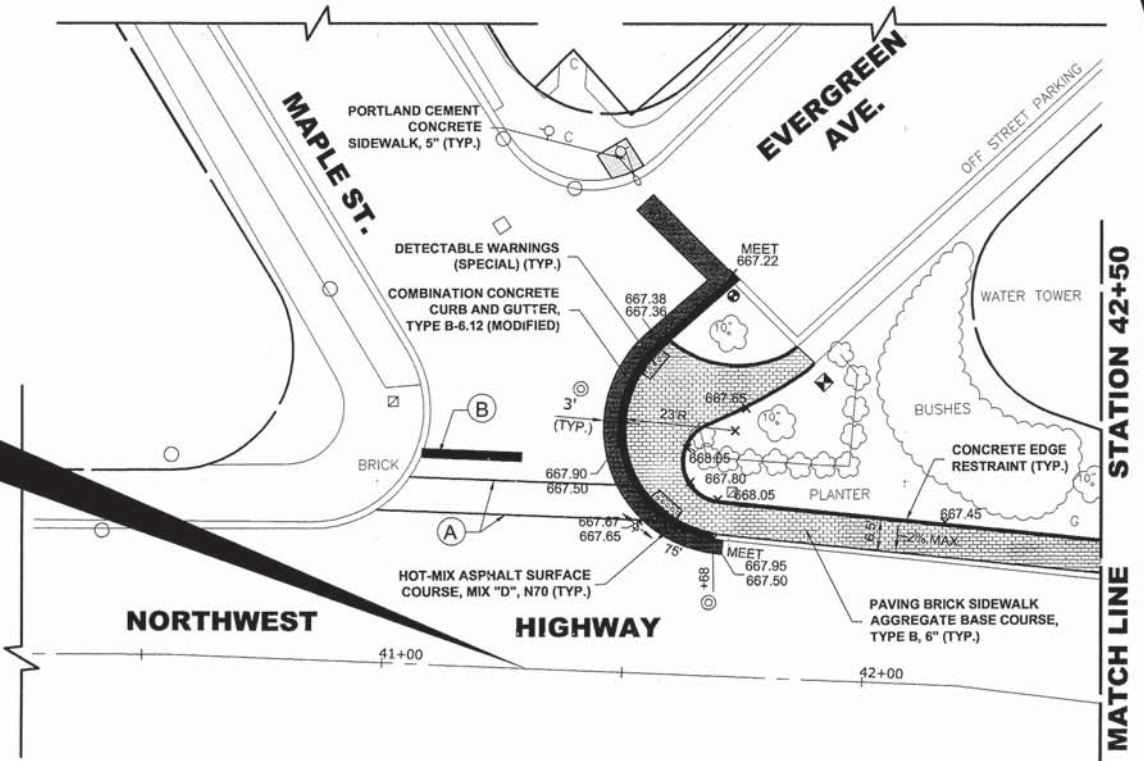


**NOTES:**  
SEE LEGEND ON SHEET 2 FOR SYMBOL DESCRIPTION.

**COMMERCIAL PROPERTY ACCESS:**  
THE CONTRACTOR SHALL MAINTAIN ACCESS TO COMMERCIAL PROPERTIES AT ALL TIMES AS DIRECTED BY THE ENGINEER. THIS CAN INVOLVE THE STAGING OF SIDEWALK OR DRIVEWAY REMOVAL AND REPLACEMENT, CURB AND GUTTER REMOVAL AND REPLACEMENT, AND THE REPLACEMENT OF BRICK PAVERS. IT MAY ALSO NECESSITATE THE USE OF TEMPORARY STONE FOR ACCESS. PAYMENT WILL NOT BE MADE SEPARATELY, BUT WILL BE INCLUDED IN THE UNIT PRICE FOR THE RESPECTIVE PAY ITEMS IN THE CONTRACT.

**EXISTING  
TOPOGRAPHY**

**OMISSION ENDS  
NORTHWEST HIGHWAY  
STATION 41+30**



PAVEMENT MARKING LEGEND	
ITEM DESCRIPTION	SYMBOL
THERMOPLASTIC PAVEMENT MARKING LINE 6", CROSS WALK, WHITE	(A)
THERMOPLASTIC PAVEMENT MARKING LINE 24", STOP BAR, WHITE	(B)
PAINT PAVEMENT MARKING, LETTERS AND SYMBOLS, WHITE	(C)
PAVEMENT MARKING REMOVAL	(D)

\* EXISTING PAVEMENT MARKINGS TO BE REMOVED AS NECESSARY.

**PROPOSED  
IMPROVEMENT**

Drawing file: W:\Projects\_by\_Village\Mount Prospect\55513148 - NW Hwy Streetscape\NW Hwy\NW Hwy\_Improvements.dwg Mar 21, 2014 - 4:37pm

**HANCOCK ENGINEERING**  
Civil Engineers  
Municipal Consultants  
Established 1911

USER NAME - XX	DESIGNED - JGG	REVISED - XX
	DRAWN - MK	REVISED - XX
PLOT SCALE - XX	CHECKED - MDL	REVISED - XX
PLOT DATE - XX	DATE - 03-19-14	REVISED - XX

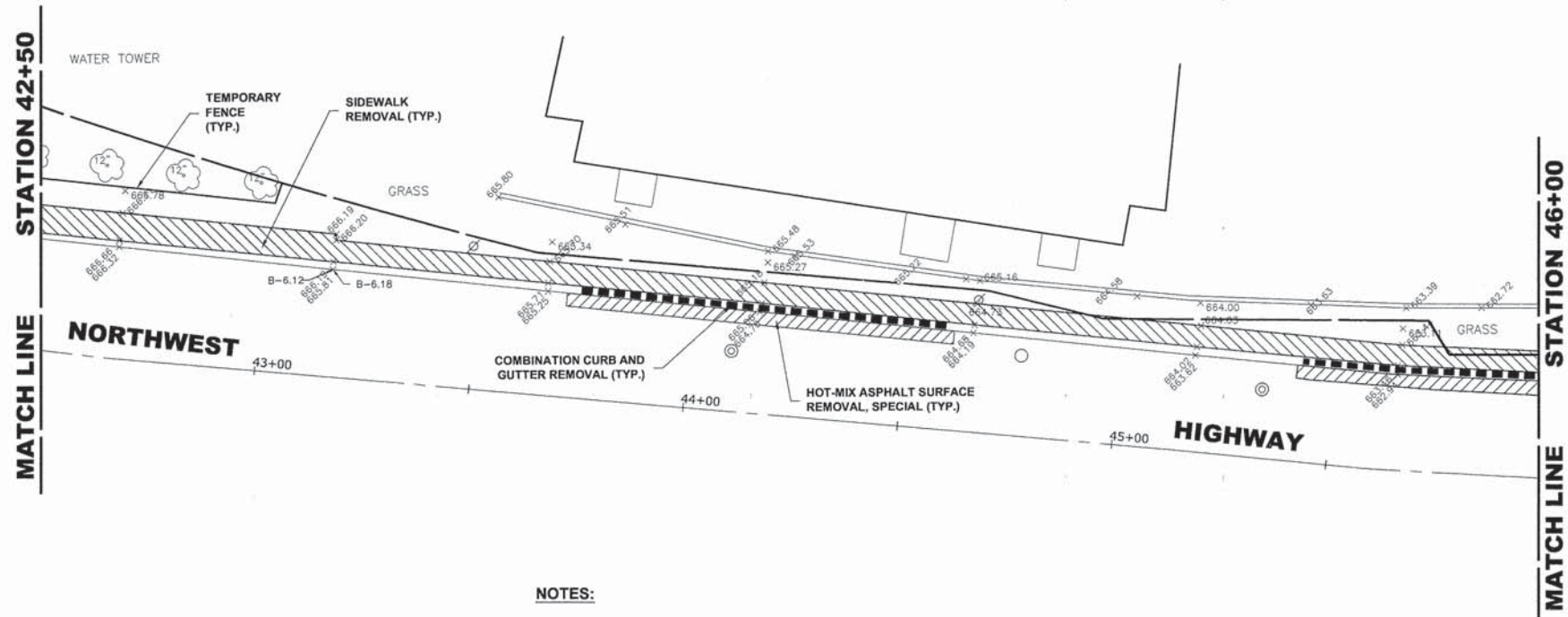
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**NORTHWEST HIGHWAY (US14)  
PAVING PLAN**

SCALE: 1"=20' SHEET NO. 2 OF 11 SHEETS STA. 40+50 TO STA. 42+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	15
CONTRACT NO. 61A23				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT  
E.H.E. PROJECT NO. 555-13-14801



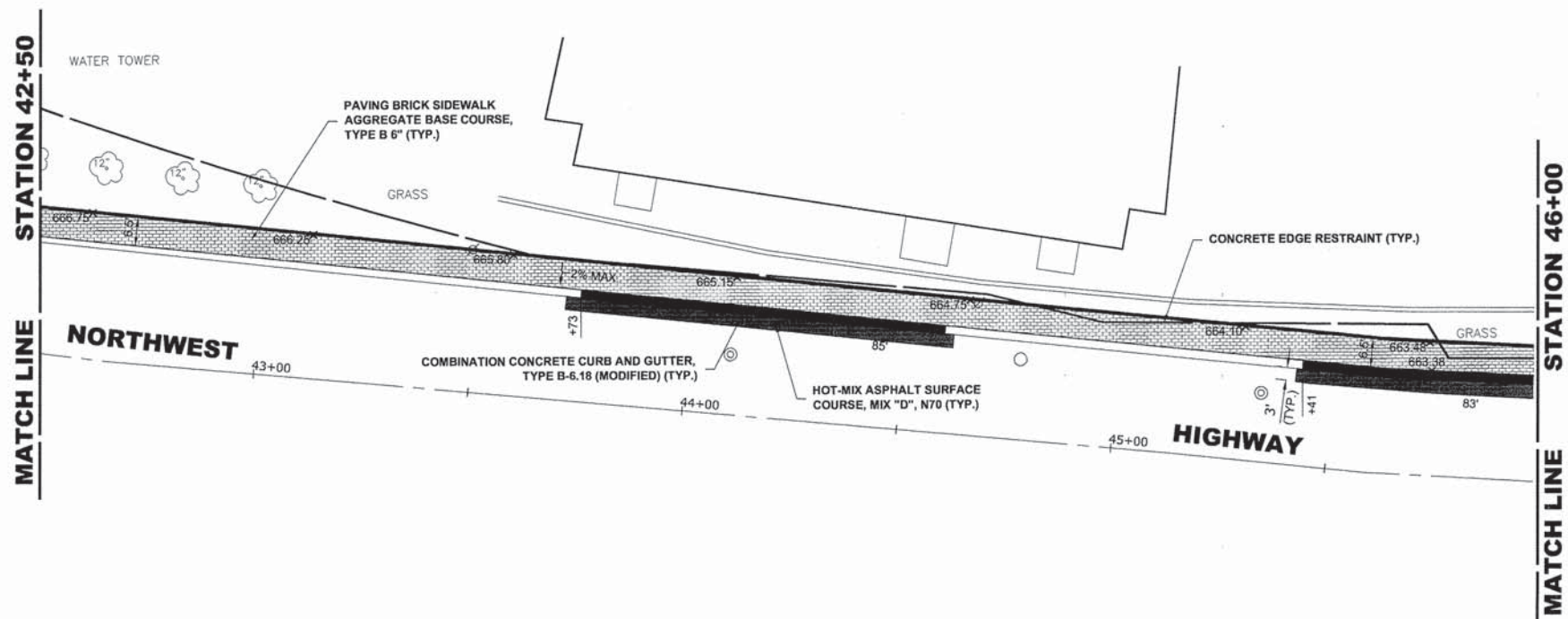
**NOTES:**

SEE LEGEND ON SHEET 2 FOR SYMBOL DESCRIPTION.

**COMMERCIAL PROPERTY ACCESS:**

THE CONTRACTOR SHALL MAINTAIN ACCESS TO COMMERCIAL PROPERTIES AT ALL TIMES AS DIRECTED BY THE ENGINEER. THIS CAN INVOLVE THE STAGING OF SIDEWALK OR DRIVEWAY REMOVAL AND REPLACEMENT, CURB AND GUTTER REMOVAL AND REPLACEMENT, AND THE REPLACEMENT OF BRICK PAVERS. IT MAY ALSO NECESSITATE THE USE OF TEMPORARY STONE FOR ACCESS. PAYMENT WILL NOT BE MADE SEPARATELY, BUT WILL BE INCLUDED IN THE UNIT PRICE FOR THE RESPECTIVE PAY ITEMS IN THE CONTRACT.

**EXISTING TOPOGRAPHY**



**PROPOSED IMPROVEMENT**

Drawing file: W:\Projects\_by\_Village\Mount Prospect\55513148 - NW Hwy Streetscape\NW Hwy\NW Hwy\_Imports.dwg Mar 21, 2014 - 4:38pm



USER NAME - XX	DESIGNED - JGG	REVISED - XX
	DRAWN - MK	REVISED - XX
PLOT SCALE - XX	CHECKED - MDL	REVISED - XX
PLOT DATE - XX	DATE - 03-19-14	REVISED - XX

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

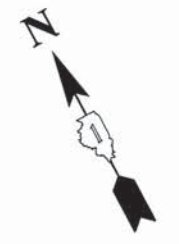
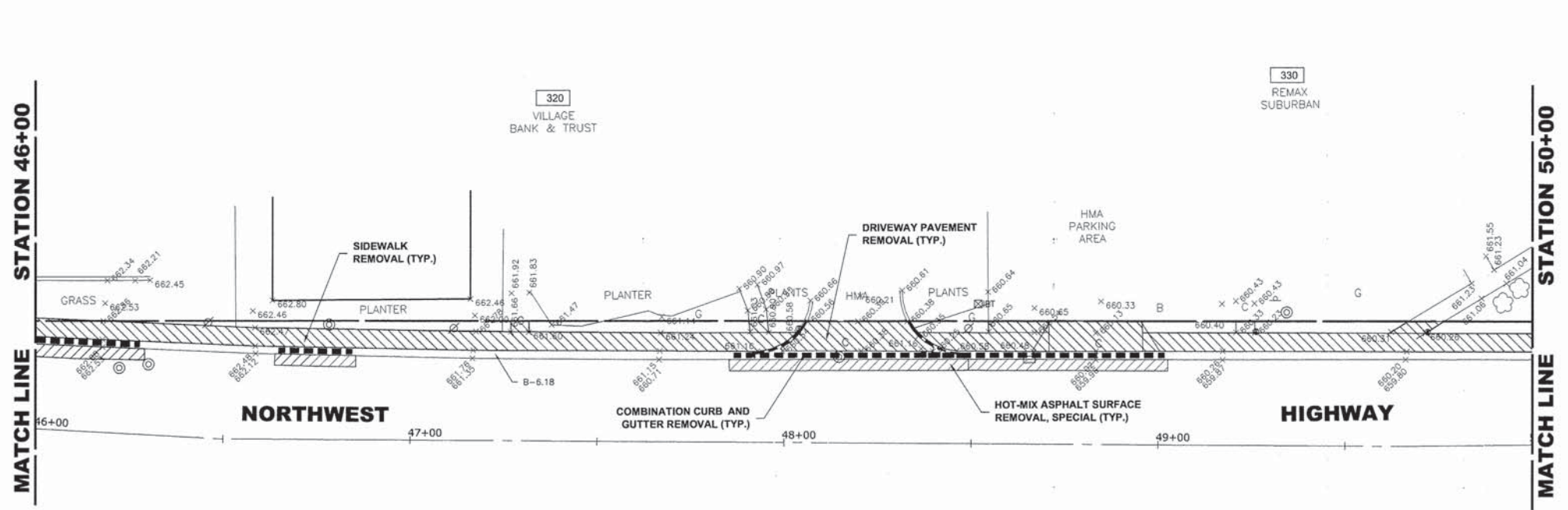
**NORTHWEST HIGHWAY (US14)  
PAVING PLAN**

SCALE: 1"=20' SHEET NO. 3 OF 11 SHEETS STA. 42+50 TO STA. 46+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	16
CONTRACT NO. 61A23				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 555-13-14801



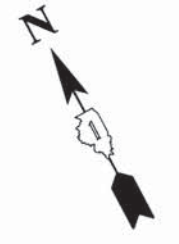
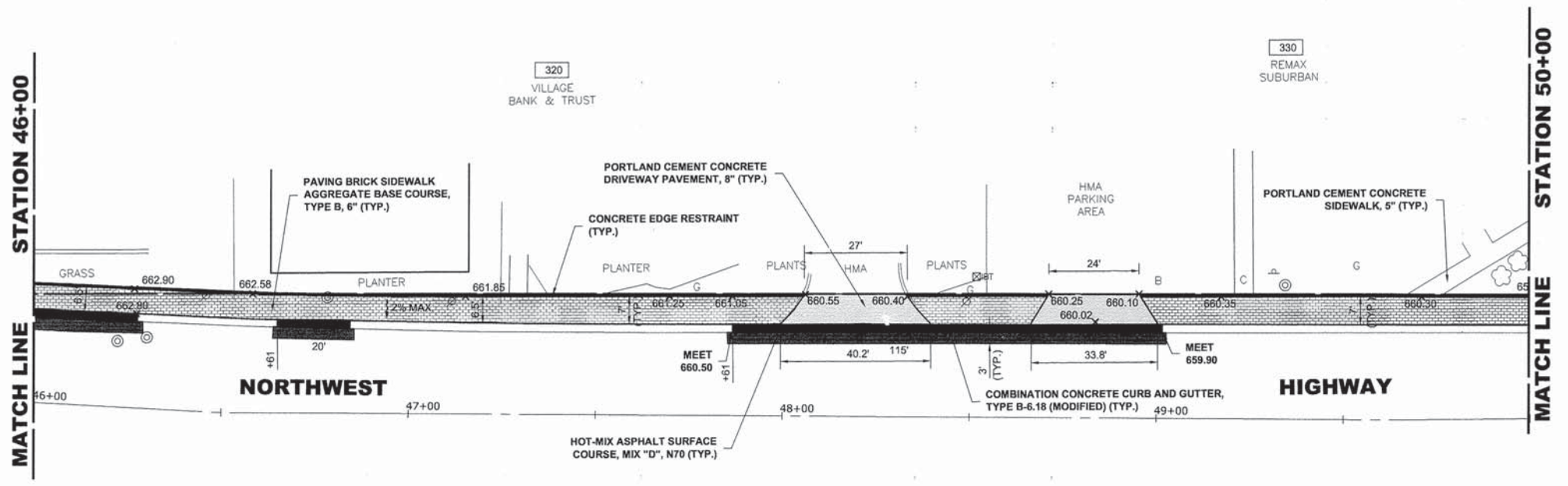


**NOTES:**

SEE LEGEND ON SHEET 2 FOR SYMBOL DESCRIPTION.

**COMMERCIAL PROPERTY ACCESS:**  
 THE CONTRACTOR SHALL MAINTAIN ACCESS TO COMMERCIAL PROPERTIES AT ALL TIMES AS DIRECTED BY THE ENGINEER. THIS CAN INVOLVE THE STAGING OF SIDEWALK OR DRIVEWAY REMOVAL AND REPLACEMENT, CURB AND GUTTER REMOVAL AND REPLACEMENT, AND THE REPLACEMENT OF BRICK PAVERS. IT MAY ALSO NECESSITATE THE USE OF TEMPORARY STONE FOR ACCESS. PAYMENT WILL NOT BE MADE SEPARATELY, BUT WILL BE INCLUDED IN THE UNIT PRICE FOR THE RESPECTIVE PAY ITEMS IN THE CONTRACT.

**EXISTING TOPOGRAPHY**



**PROPOSED IMPROVEMENT**

Drawing file: W:\Projects\_by\_Village\Mount Prospect\55513148 - NW Hwy Streetscape\NW Hwy\NW\_Hwy\_Imports.dwg Mar 21, 2014 - 4:39pm

**HANCOCK ENGINEERING**  
 Civil Engineers  
 Municipal Consultants  
 Established 1911

USER NAME - XX	DESIGNED - JGG	REVISED - XX
	DRAWN - MK	REVISED - XX
PLOT SCALE - XX	CHECKED - MDL	REVISED - XX
PLOT DATE - XX	DATE - 03-19-14	REVISED - XX

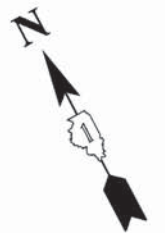
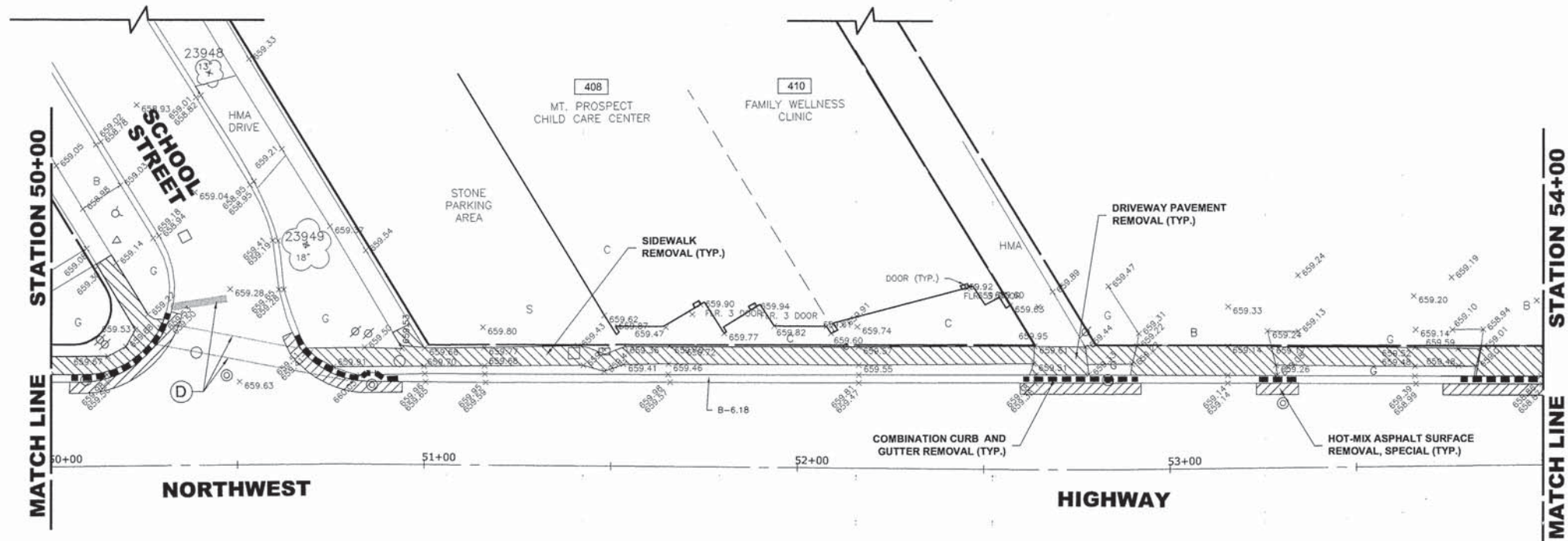
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**NORTHWEST HIGHWAY (US14)  
 PAVING PLAN**

SCALE: 1"=20'    SHEET NO. 4 OF 11 SHEETS    STA. 46+00 TO STA. 50+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	17
CONTRACT NO. 61A23				
FED. ROAD DIST. NO. 1    ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 555-13-14801



**EXISTING TREES CHART**

UNITID	BOTNAME	DBH Dia. (IN)
23948	FRAM	13
23949	FRAM	18

**NOTES:**

SEE LEGEND ON SHEET 2 FOR SYMBOL DESCRIPTION.

**COMMERCIAL PROPERTY ACCESS:**

THE CONTRACTOR SHALL MAINTAIN ACCESS TO COMMERCIAL PROPERTIES AT ALL TIMES AS DIRECTED BY THE ENGINEER. THIS CAN INVOLVE THE STAGING OF SIDEWALK OR DRIVEWAY REMOVAL AND REPLACEMENT, CURB AND GUTTER REMOVAL AND REPLACEMENT, AND THE REPLACEMENT OF BRICK PAVERS. IT MAY ALSO NECESSITATE THE USE OF TEMPORARY STONE FOR ACCESS. PAYMENT WILL NOT BE MADE SEPARATELY, BUT WILL BE INCLUDED IN THE UNIT PRICE FOR THE RESPECTIVE PAY ITEMS IN THE CONTRACT.

**SIGNING PLAN  
LEGEND OF SYMBOLS**

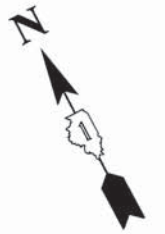
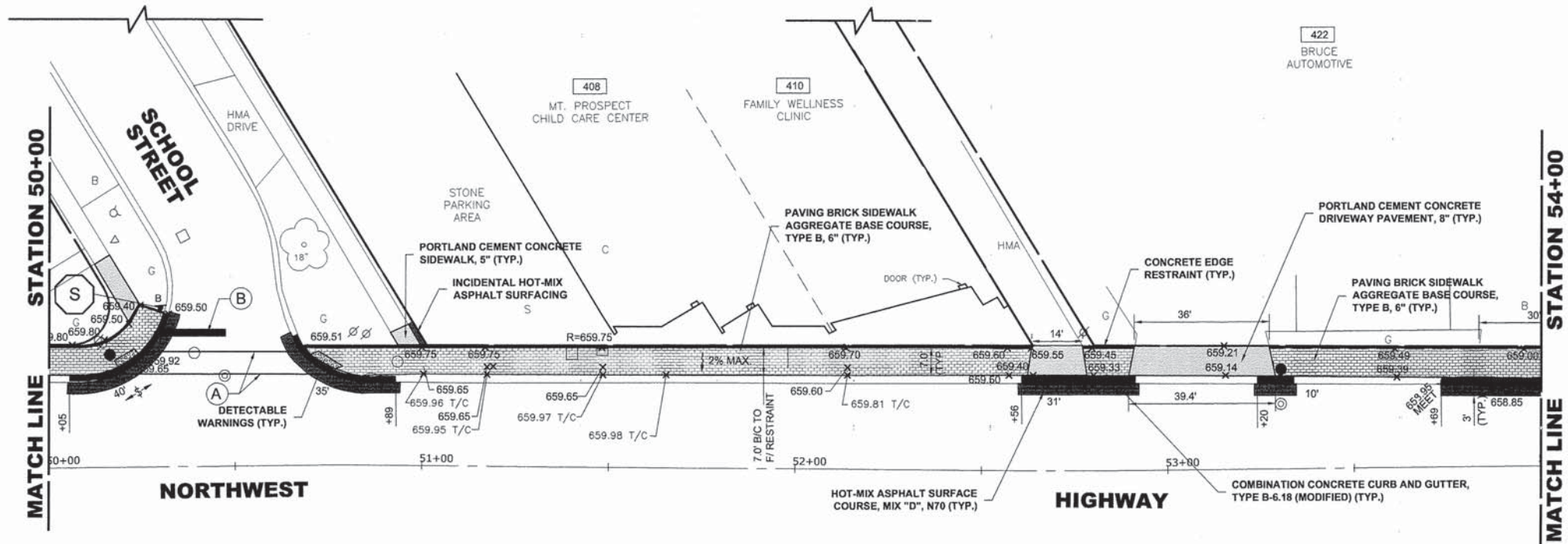
	TYPE A POST
	TYPE B POST
	STOP SIGN, R1-1, 30"X30" REFLECTIVE SIGN POST PANEL, R1-1, 60"X3"
	EXISTING SIGN PANELS TO BE RELOCATED TO PROPOSED POST (INCLUDED IN COST OF POST)
	EXISTING SIGN PANELS TO BE REMOVED (INCLUDED IN COST OF POST)

**PAVEMENT MARKING LEGEND**

ITEM DESCRIPTION	SYMBOL
THERMOPLASTIC PAVEMENT MARKING LINE 6", CROSS WALK, WHITE	(A)
THERMOPLASTIC PAVEMENT MARKING LINE 24", STOP BAR, WHITE	(B)
PAINT PAVEMENT MARKING, LETTERS AND SYMBOLS, WHITE	(C)
PAVEMENT MARKING REMOVAL	(D)

\* EXISTING PAVEMENT MARKINGS TO BE REMOVED AS NECESSARY.

**EXISTING  
TOPOGRAPHY**



**PROPOSED  
IMPROVEMENT**



USER NAME - XX	DESIGNED - JGG	REVISED - XX
	DRAWN - MK	REVISED - XX
	CHECKED - MDL	REVISED - XX
	DATE - 03-19-14	REVISED - XX

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

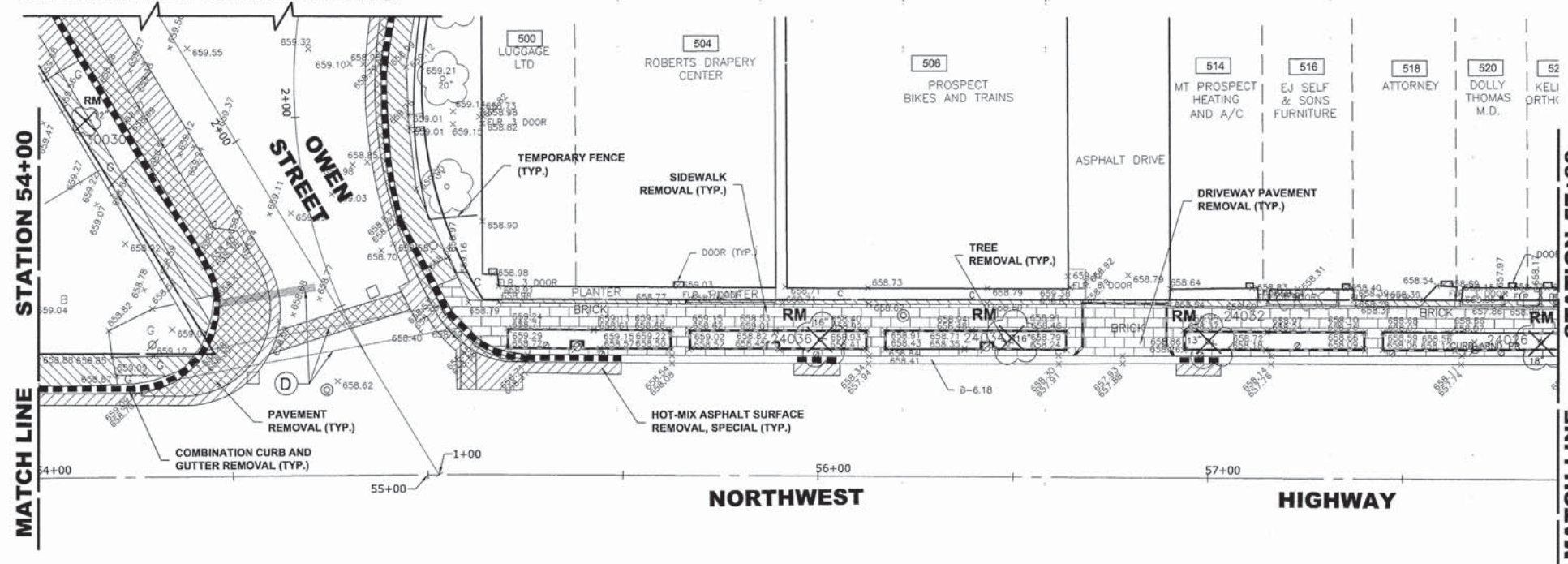
**NORTHWEST HIGHWAY (US14)  
PAVING PLAN**

SCALE: 1"=20' SHEET NO. 5 OF 11 SHEETS STA. 50+00 TO STA. 54+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	18
CONTRACT NO. 61A23				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

Drawing file: W:\Projects\by\_Village\Mount Prospect\55513148 - NW Hwy Streetscape\NW Hwy\_JRM\_Hwy\_Improvements.dwg Mar 21, 2014 - 4:39pm

SEE SHEET NO. 22 FOR OWEN STREET IMPROVEMENTS



EXISTING TREES CHART

UNITID	BOTNAME	DBH Dia. (IN)
24026	PYCA	18
24032	PYCA	13
24034	PYCA	16
24036	PYCA	16

NOTES:

SEE LEGEND ON SHEET 2 FOR SYMBOL DESCRIPTION.

COMMERCIAL PROPERTY ACCESS:

THE CONTRACTOR SHALL MAINTAIN ACCESS TO COMMERCIAL PROPERTIES AT ALL TIMES AS DIRECTED BY THE ENGINEER. THIS CAN INVOLVE THE STAGING OF SIDEWALK OR DRIVEWAY REMOVAL AND REPLACEMENT, CURB AND GUTTER REMOVAL AND REPLACEMENT, AND THE REPLACEMENT OF BRICK PAVERS. IT MAY ALSO NECESSITATE THE USE OF TEMPORARY STONE FOR ACCESS. PAYMENT WILL NOT BE MADE SEPARATELY, BUT WILL BE INCLUDED IN THE UNIT PRICE FOR THE RESPECTIVE PAY ITEMS IN THE CONTRACT.

SIGNING PLAN  
LEGEND OF SYMBOLS

A	TYPE A POST
B	TYPE B POST
S	STOP SIGN, R1-1, 30"X30" REFLECTIVE SIGN POST PANEL, R1-1, 60"X3"
R	EXISTING SIGN PANELS TO BE RELOCATED TO PROPOSED POST (INCLUDED IN COST OF POST)
RM	EXISTING SIGN PANELS TO BE REMOVED (INCLUDED IN COST OF POST)

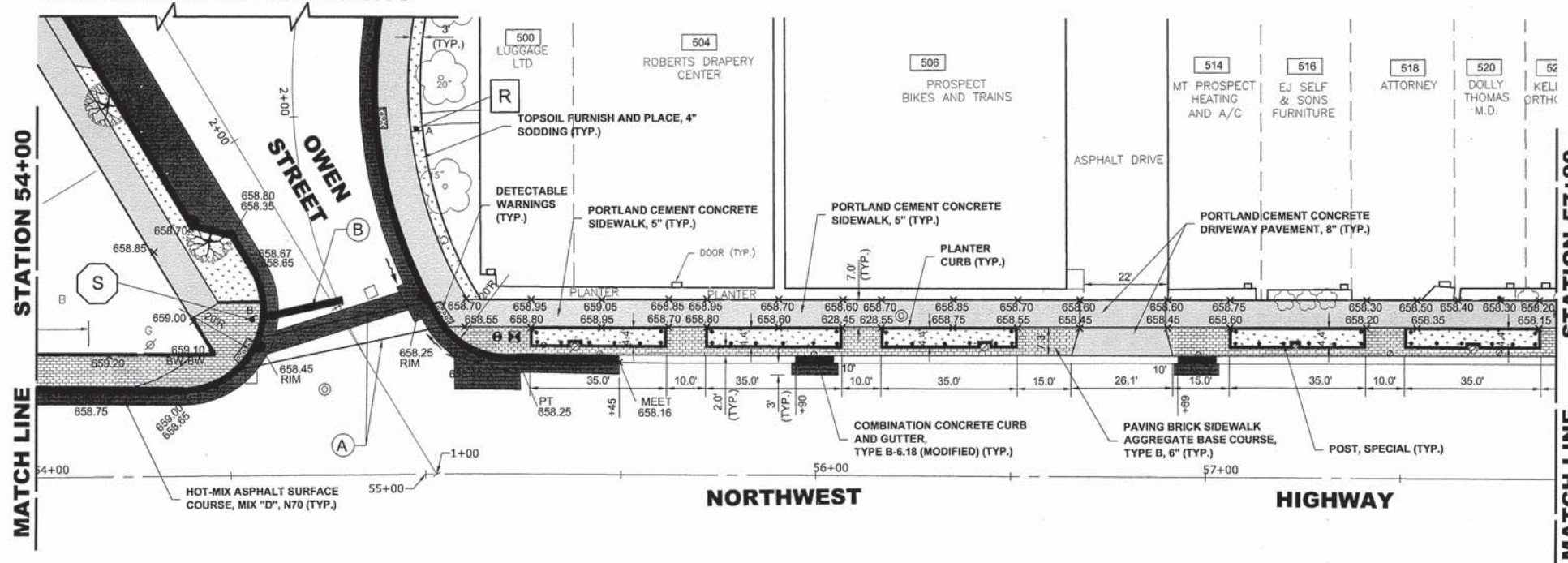
PAVEMENT MARKING LEGEND

ITEM DESCRIPTION	SYMBOL
THERMOPLASTIC PAVEMENT MARKING LINE 6", CROSS WALK, WHITE	(A)
THERMOPLASTIC PAVEMENT MARKING LINE 24", STOP BAR, WHITE	(B)
PAINT PAVEMENT MARKING, LETTERS AND SYMBOLS, WHITE	(C)
PAVEMENT MARKING REMOVAL	(D)

\* EXISTING PAVEMENT MARKINGS TO BE REMOVED AS NECESSARY.

EXISTING TOPOGRAPHY

SEE SHEET NO. 22 FOR OWEN STREET IMPROVEMENTS



PROPOSED IMPROVEMENT



USER NAME - XX	DESIGNED - JGG	REVISED - XX
	DRAWN - MK	REVISED - XX
PLOT SCALE - XX	CHECKED - MDL	REVISED - XX
PLOT DATE - XX	DATE - 03-19-14	REVISED - XX

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

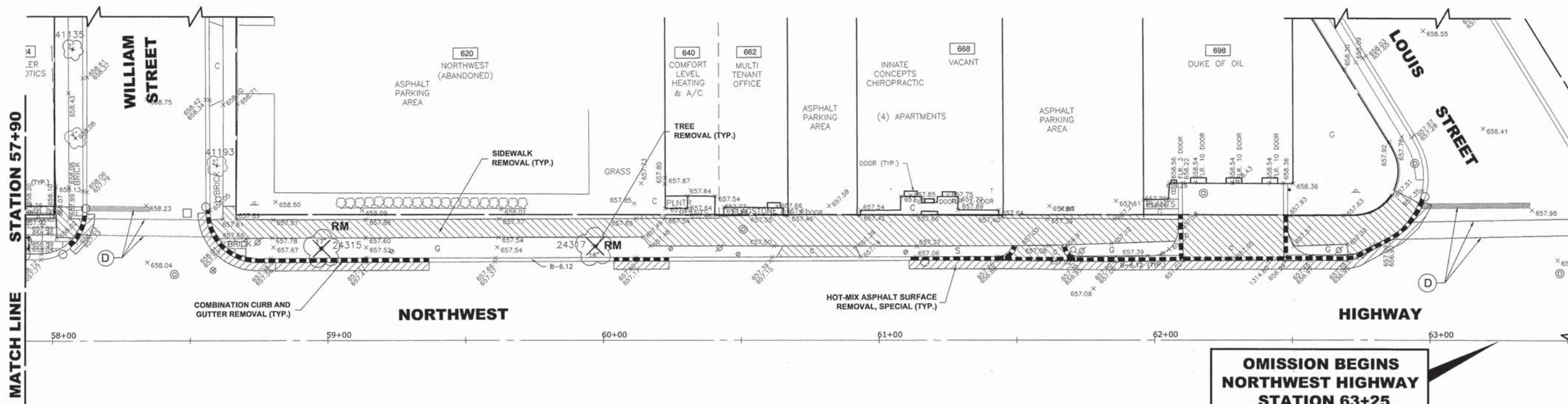
NORTHWEST HIGHWAY (US14)  
PAVING PLAN

SCALE: 1"=20' SHEET NO. 6 OF 11 SHEETS STA. 54+00 TO STA. 57+90

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	19
CONTRACT NO. 61A23				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 555-13-14801

Drawing file: W:\Projects\by\_Village\Mount Prospect\55513148 - NW Hwy Streetscape\NW Hwy\NW Hwy\_Improvements.dwg Apr 09, 2014 - 9:25am



**EXISTING TREES CHART**

UNITID	BOTNAME	DBH Dia. (IN)
24315	PYCA	17
24317	PYCA	16
41135	SYREIV	2
41193	CEOC	2

**NOTES:**

SEE LEGEND ON SHEET 2 FOR SYMBOL DESCRIPTION.

**COMMERCIAL PROPERTY ACCESS:**

THE CONTRACTOR SHALL MAINTAIN ACCESS TO COMMERCIAL PROPERTIES AT ALL TIMES AS DIRECTED BY THE ENGINEER. THIS CAN INVOLVE THE STAGING OF SIDEWALK OR DRIVEWAY REMOVAL AND REPLACEMENT, CURB AND GUTTER REMOVAL AND REPLACEMENT, AND THE REPLACEMENT OF BRICK PAVERS. IT MAY ALSO NECESSITATE THE USE OF TEMPORARY STONE FOR ACCESS. PAYMENT WILL NOT BE MADE SEPARATELY, BUT WILL BE INCLUDED IN THE UNIT PRICE FOR THE RESPECTIVE PAY ITEMS IN THE CONTRACT.

**SIGNING PLAN  
LEGEND OF SYMBOLS**

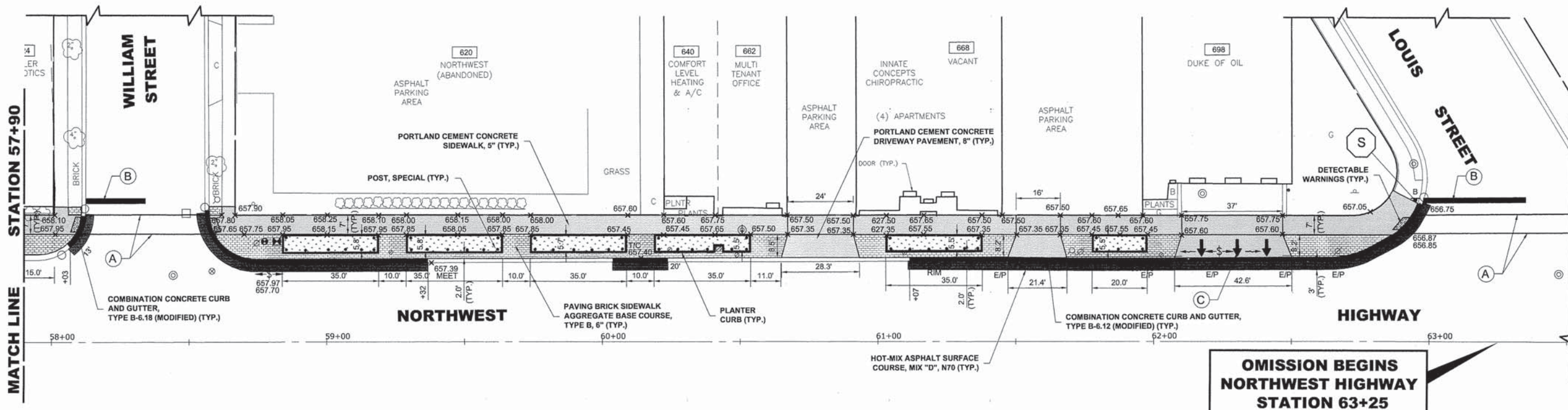
A	TYPE A POST
B	TYPE B POST
S	STOP SIGN, R1-1, 30"X30" REFLECTIVE SIGN POST PANEL, R1-1, 60"X3"
R	EXISTING SIGN PANELS TO BE RELOCATED TO PROPOSED POST (INCLUDED IN COST OF POST)
RM	EXISTING SIGN PANELS TO BE REMOVED (INCLUDED IN COST OF POST)

**PAVEMENT MARKING LEGEND**

ITEM DESCRIPTION	SYMBOL
THERMOPLASTIC PAVEMENT MARKING LINE 6", CROSS WALK, WHITE	(A)
THERMOPLASTIC PAVEMENT MARKING LINE 24", STOP BAR, WHITE	(B)
PAINT PAVEMENT MARKING, LETTERS AND SYMBOLS, WHITE	(C)
PAVEMENT MARKING REMOVAL	(D)

\* EXISTING PAVEMENT MARKINGS TO BE REMOVED AS NECESSARY.

**EXISTING  
TOPOGRAPHY**



**PROPOSED  
IMPROVEMENT**



USER NAME - XX	DESIGNED - JGG	REVISED - XX
PLOT SCALE - XX	DRAWN - MK	REVISED - XX
PLOT DATE - XX	CHECKED - MDL	REVISED - XX
	DATE - 03-19-14	REVISED - XX

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**NORTHWEST HIGHWAY (US14)  
PAVING PLAN**

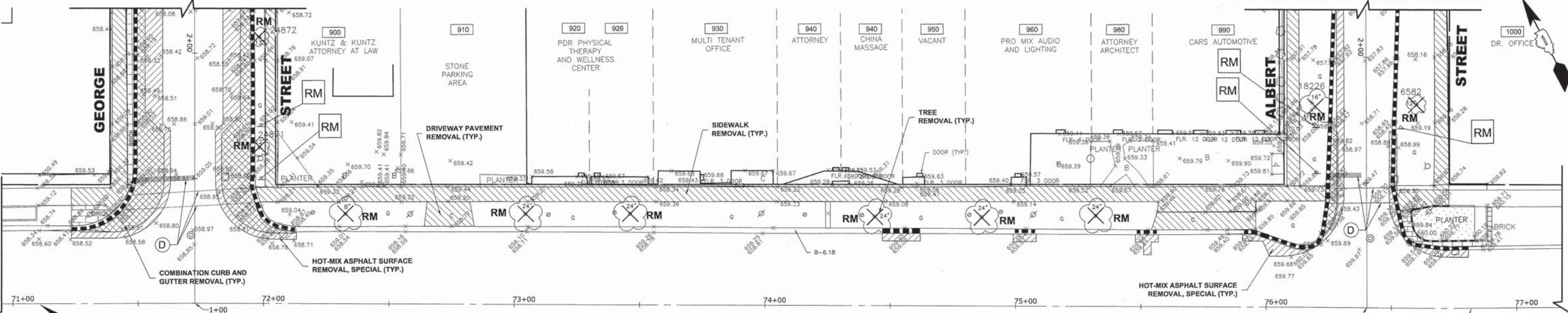
SCALE: 1"=20' SHEET NO. 7 OF 11 SHEETS STA. 57+90 TO STA. 63+25

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	20

CONTRACT NO. 61A23  
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

SEE SHEET NO. 23 FOR  
GEORGE STREET IMPROVEMENTS

SEE SHEET NO. 24 FOR  
ALBERT STREET IMPROVEMENTS



OMISSION ENDS  
NORTHWEST HIGHWAY  
STATION 71+10

IMPROVEMENT ENDS  
NORTHWEST HIGHWAY  
STATION 76+82

EXISTING TREES CHART

UNITID	BOTNAME	DBH Dia. (IN)
6582	ACRU	12
18226	ACPLCO	16
24724	ACPLCO	16
24871	GLTR1	12
24872	GLTR1	13

NOTES:

SEE LEGEND ON SHEET 2 FOR SYMBOL DESCRIPTION.

COMMERCIAL PROPERTY ACCESS:

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SIGNING PLAN  
LEGEND OF SYMBOLS

A	TYPE A POST
B	TYPE B POST
S	STOP SIGN, R1-1, 30"X30" REFLECTIVE SIGN POST PANEL, R1-1, 60"X3"
R	EXISTING SIGN PANELS TO BE RELOCATED TO PROPOSED POST (INCLUDED IN COST OF POST)
RM	EXISTING SIGN PANELS TO BE REMOVED (INCLUDED IN COST OF POST)

PAVEMENT MARKING LEGEND

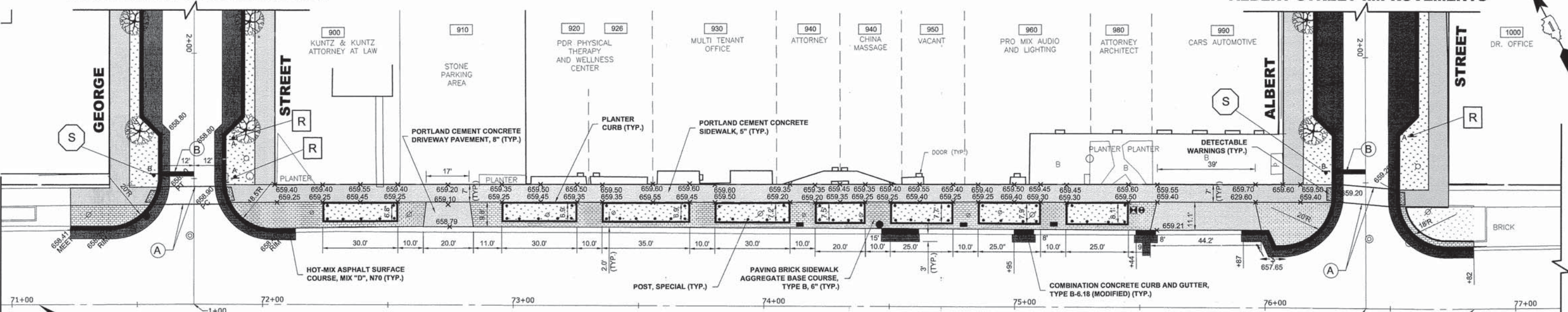
ITEM DESCRIPTION	SYMBOL
THERMOPLASTIC PAVEMENT MARKING LINE 6", CROSS WALK, WHITE	(A)
THERMOPLASTIC PAVEMENT MARKING LINE 24", STOP BAR, WHITE	(B)
PAINT PAVEMENT MARKING, LETTERS AND SYMBOLS, WHITE	(C)
PAVEMENT MARKING REMOVAL	(D)

\* EXISTING PAVEMENT MARKINGS TO BE REMOVED AS NECESSARY.

EXISTING  
TOPOGRAPHY

SEE SHEET NO. 23 FOR  
GEORGE STREET IMPROVEMENTS

SEE SHEET NO. 24 FOR  
ALBERT STREET IMPROVEMENTS



OMISSION ENDS  
NORTHWEST HIGHWAY  
STATION 71+10

IMPROVEMENT ENDS  
NORTHWEST HIGHWAY  
STATION 76+82

PROPOSED  
IMPROVEMENT



USER NAME -	XX	DESIGNED -	JGG	REVISED -	XX
PLOT SCALE -	XX	DRAWN -	MK	REVISED -	XX
PLOT DATE -	XX	CHECKED -	MDL	REVISED -	XX
		DATE -	03-19-14	REVISED -	XX

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

NORTHWEST HIGHWAY (US14)  
PAVING PLAN

SCALE: 1"=20' SHEET NO. 8 OF 11 SHEETS STA. 71+10 TO STA. 76+76

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	21

CONTRACT NO. 61A23  
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

E.H.E. PROJECT NO. 555-13-14801

Drawing file: W:\Projects\by\_Village\Mount Prospect\55513148 - NW Hwy Streetscape\NW Hwy\_23W\_Hwy\_Imports.dwg Apr. 08, 2014 - 9:26am

**SIGNING PLAN  
LEGEND OF SYMBOLS**

A	TYPE A POST
B	TYPE B POST
S	STOP SIGN, R1-1, 30"X30" REFLECTIVE SIGN POST PANEL, R1-1, 60"X3"
R	EXISTING SIGN PANELS TO BE RELOCATED TO PROPOSED POST (INCLUDED IN COST OF POST)
RM	EXISTING SIGN PANELS TO BE REMOVED (INCLUDED IN COST OF POST)

**NOTES:**  
THE VILLAGE SHALL PROVIDE ALTERNATIVE TREE SPECIES  
SHOULD THE SPECIFIED TREES NOT BE AVAILABLE.

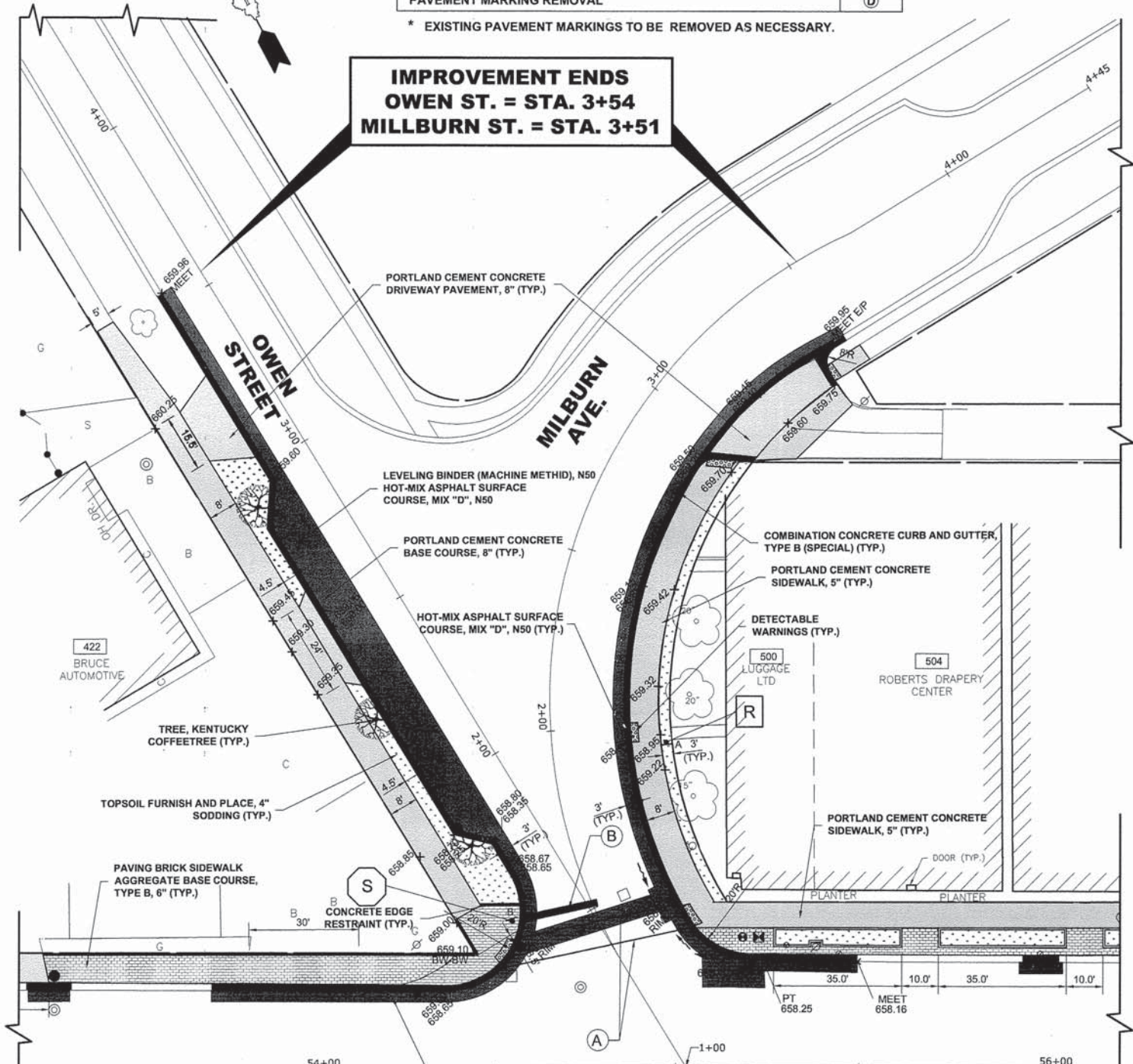
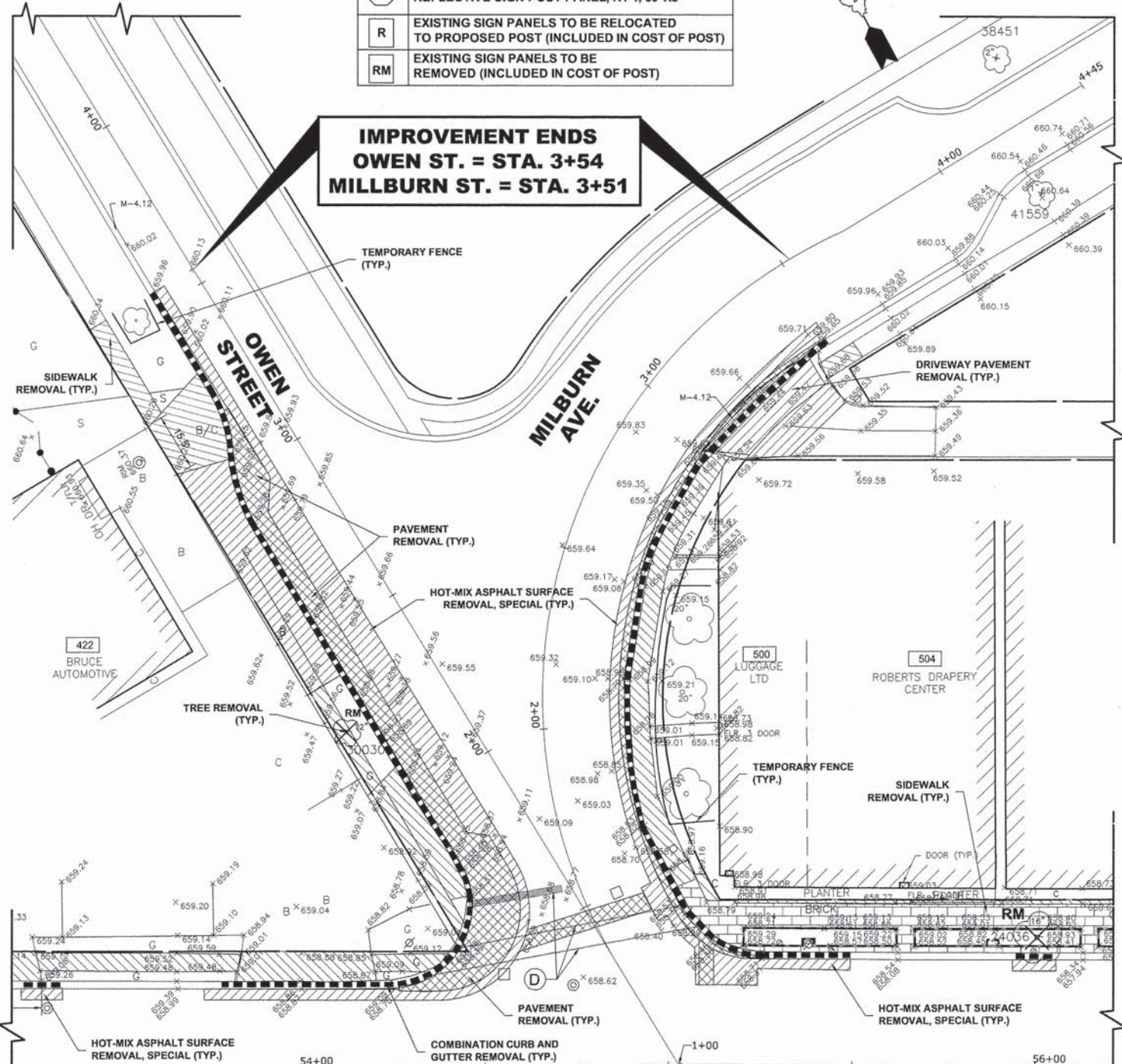
**PAVEMENT MARKING LEGEND**

ITEM DESCRIPTION	SYMBOL
THERMOPLASTIC PAVEMENT MARKING LINE 6", CROSS WALK, WHITE	(A)
THERMOPLASTIC PAVEMENT MARKING LINE 24", STOP BAR, WHITE	(B)
PAINT PAVEMENT MARKING, LETTERS AND SYMBOLS, WHITE	(C)
PAVEMENT MARKING REMOVAL	(D)

\* EXISTING PAVEMENT MARKINGS TO BE REMOVED AS NECESSARY.

**IMPROVEMENT ENDS  
OWEN ST. = STA. 3+54  
MILLBURN ST. = STA. 3+51**

**IMPROVEMENT ENDS  
OWEN ST. = STA. 3+54  
MILLBURN ST. = STA. 3+51**



**NORTHWEST**

**HIGHWAY**

**NORTHWEST**

**HIGHWAY**

**EXISTING TREES CHART**

UNITID	BOTNAME	DBH Dia. (IN)
24036	PYCA	16
30030	FRAMAU	12
38451	COCO1	3
41559	QUIM	1

**SEE SHEET NO. 19 FOR  
NORTHWEST HIGHWAY  
IMPROVEMENTS**

**NW HWY. = STA. 55+03  
OWEN ST. = STA. 1+00  
MILLBURN ST. = STA. 1+00**

**SEE SHEET NO. 19 FOR  
NORTHWEST HIGHWAY  
IMPROVEMENTS**

**NW HWY. = STA. 55+03  
OWEN ST. = STA. 1+00  
MILLBURN ST. = STA. 1+00**

**EXISTING  
TOPOGRAPHY**

**PROPOSED  
IMPROVEMENT**

**NOTES:**

SEE LEGEND ON SHEET 2 FOR SYMBOL DESCRIPTION.

**COMMERCIAL PROPERTY ACCESS:**

THE CONTRACTOR SHALL MAINTAIN ACCESS TO COMMERCIAL PROPERTIES AT ALL TIMES AS DIRECTED BY THE ENGINEER. THIS CAN INVOLVE THE STAGING OF SIDEWALK OR DRIVEWAY REMOVAL AND REPLACEMENT, CURB AND GUTTER REMOVAL AND REPLACEMENT, AND THE REPLACEMENT OF BRICK PAVERS. IT MAY ALSO NECESSITATE THE USE OF TEMPORARY STONE FOR ACCESS. PAYMENT WILL NOT BE MADE SEPARATELY, BUT WILL BE INCLUDED IN THE UNIT PRICE FOR THE RESPECTIVE PAY ITEMS IN THE CONTRACT.



USER NAME - XX	DESIGNED - JGG	REVISED - XX
PLOT SCALE - XX	DRAWN - MK	REVISED - XX
PLOT DATE - XX	CHECKED - MDL	REVISED - XX
	DATE - 03-19-14	REVISED - XX

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**OWEN STREET  
PAVING PLAN**

SCALE: 1"=20' SHEET NO. 9 OF 11 SHEETS STA. 1+00 TO STA. 3+54

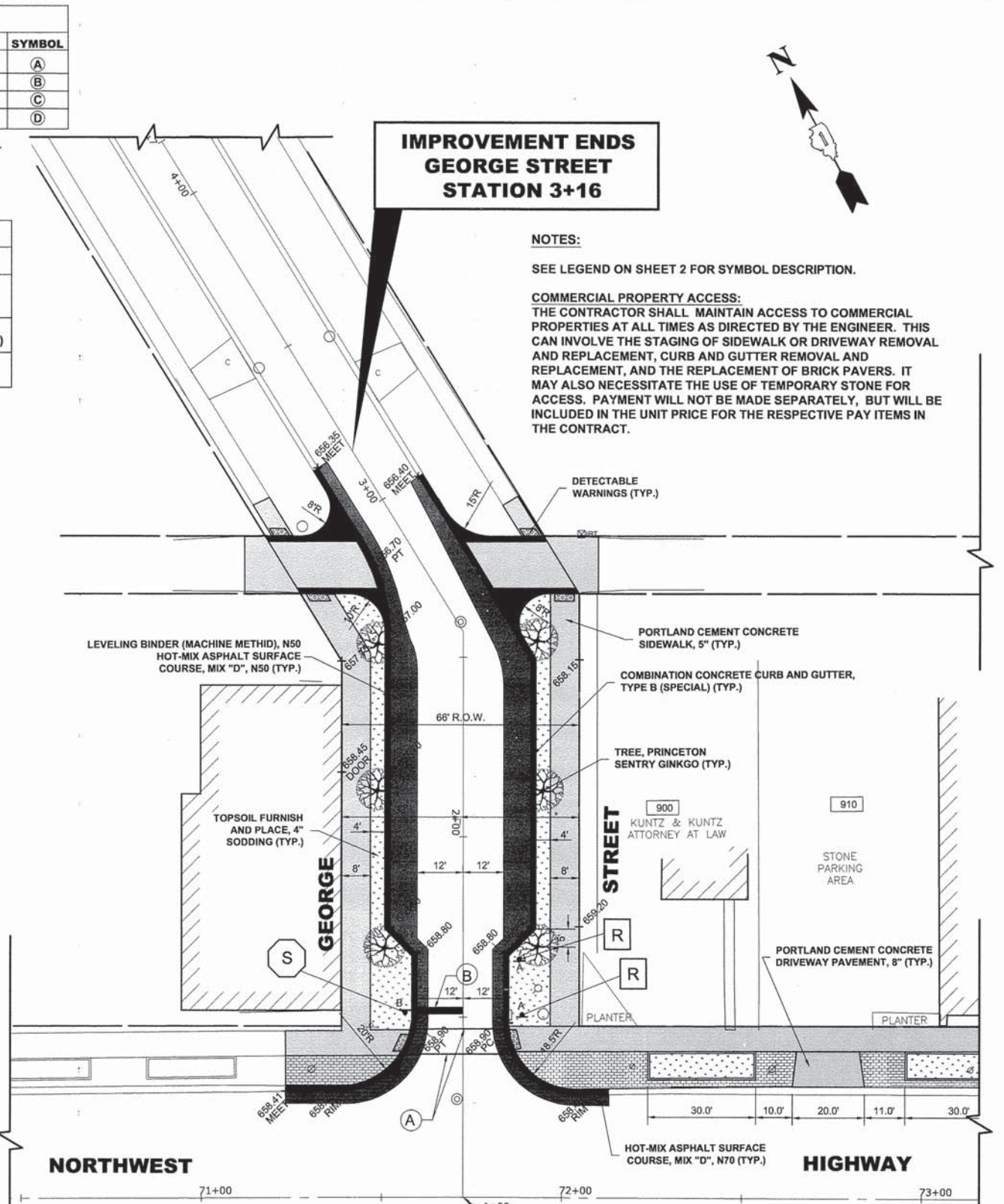
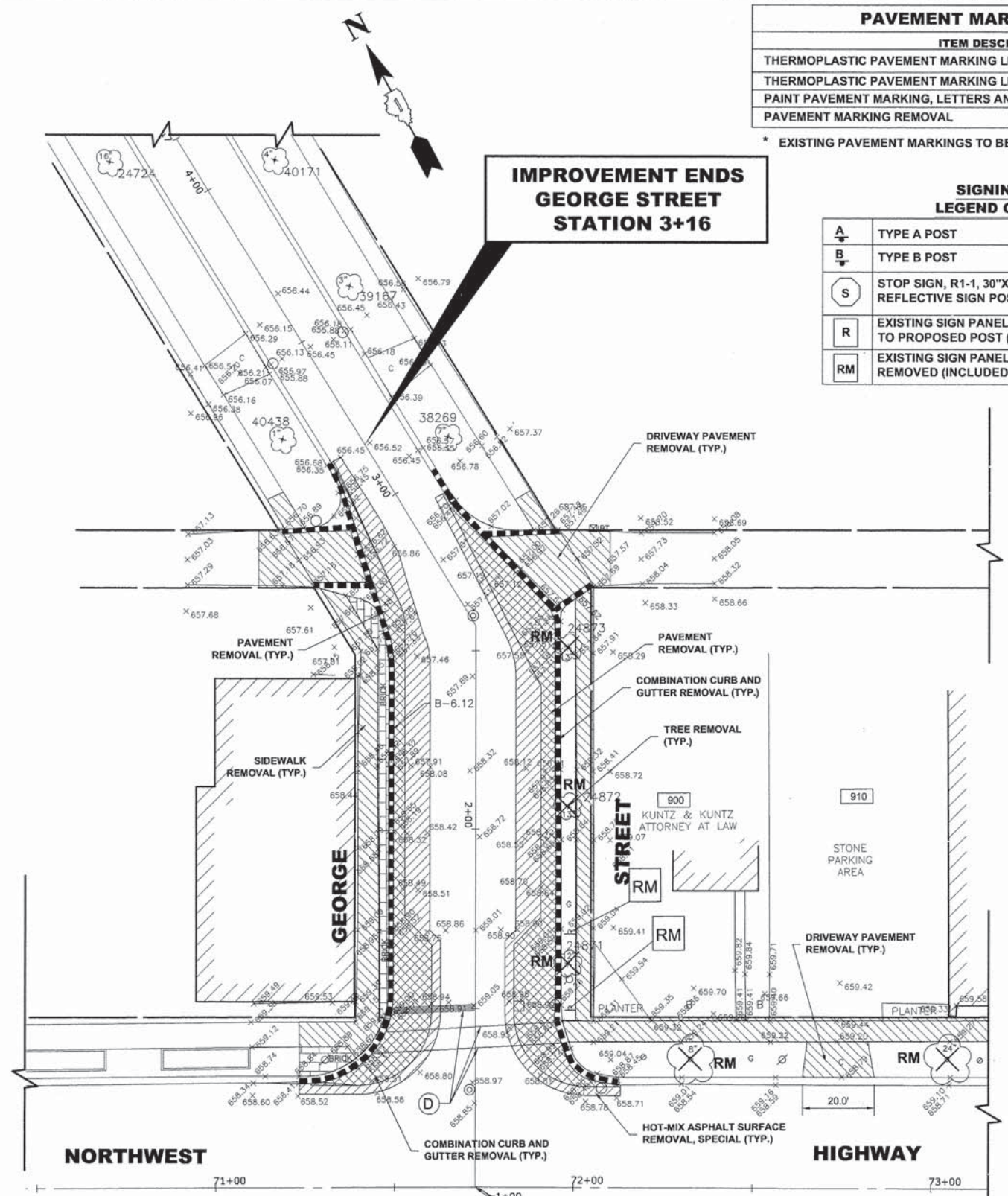
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	22
CONTRACT NO. 61A23				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 555-13-14801

PAVEMENT MARKING LEGEND	
ITEM DESCRIPTION	SYMBOL
THERMOPLASTIC PAVEMENT MARKING LINE 6", CROSS WALK, WHITE	(A)
THERMOPLASTIC PAVEMENT MARKING LINE 24", STOP BAR, WHITE	(B)
PAINT PAVEMENT MARKING, LETTERS AND SYMBOLS, WHITE	(C)
PAVEMENT MARKING REMOVAL	(D)

\* EXISTING PAVEMENT MARKINGS TO BE REMOVED AS NECESSARY.

SIGNING PLAN LEGEND OF SYMBOLS	
(A)	TYPE A POST
(B)	TYPE B POST
(S)	STOP SIGN, R1-1, 30"X30" REFLECTIVE SIGN POST PANEL, R1-1, 60"X3"
(R)	EXISTING SIGN PANELS TO BE RELOCATED TO PROPOSED POST (INCLUDED IN COST OF POST)
(RM)	EXISTING SIGN PANELS TO BE REMOVED (INCLUDED IN COST OF POST)



**NOTES:**  
SEE LEGEND ON SHEET 2 FOR SYMBOL DESCRIPTION.  
**COMMERCIAL PROPERTY ACCESS:**  
THE CONTRACTOR SHALL MAINTAIN ACCESS TO COMMERCIAL PROPERTIES AT ALL TIMES AS DIRECTED BY THE ENGINEER. THIS CAN INVOLVE THE STAGING OF SIDEWALK OR DRIVEWAY REMOVAL AND REPLACEMENT, CURB AND GUTTER REMOVAL AND REPLACEMENT, AND THE REPLACEMENT OF BRICK PAVERS. IT MAY ALSO NECESSITATE THE USE OF TEMPORARY STONE FOR ACCESS. PAYMENT WILL NOT BE MADE SEPARATELY, BUT WILL BE INCLUDED IN THE UNIT PRICE FOR THE RESPECTIVE PAY ITEMS IN THE CONTRACT.

**EXISTING TREES CHART**

UNITID	BOTNAME	DBH Dia. (IN)
24724	ACPL	16
24871	GLTR1	12
24873	GLTR1	13
38269	ACFRAB	7
39167	TICOGR	3
40171	ACFRAB	4
40438	QUMU	1

**SEE SHEET NO. 20 FOR NORTHWEST HIGHWAY IMPROVEMENTS**

**NW HWY. = STA. 71+73  
GEORGE ST. = STA. 1+00**

**SEE SHEET NO. 20 FOR NORTHWEST HIGHWAY IMPROVEMENTS**

**NW HWY. = STA. 71+73  
GEORGE ST. = STA. 1+00**

**NOTES:**  
THE VILLAGE SHALL PROVIDE ALTERNATIVE TREE SPECIES SHOULD THE SPECIFIED TREES NOT BE AVAILABLE.



USER NAME - XX	DESIGNED - JGG	REVISED - XX
PLOT SCALE - XX	DRAWN - MK	REVISED - XX
PLOT DATE - XX	CHECKED - MDL	REVISED - XX
	DATE - 03-19-14	REVISED - XX

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GEORGE STREET  
PAVING PLAN**

SCALE: 1"=20' SHEET NO. 10 OF 11 SHEETS STA. 1+00 TO STA. 3+16

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	23
CONTRACT NO. 61A23				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

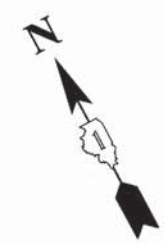
**SIGNING PLAN  
LEGEND OF SYMBOLS**

A	TYPE A POST
B	TYPE B POST
S	STOP SIGN, R1-1, 30"X30" REFLECTIVE SIGN POST PANEL, P1-1, 60"X3"
R	EXISTING SIGN PANELS TO BE RELOCATED TO PROPOSED POST (INCLUDED IN COST OF POST)
RM	EXISTING SIGN PANELS TO BE REMOVED (INCLUDED IN COST OF POST)

**PAVEMENT MARKING LEGEND**

ITEM DESCRIPTION	SYMBOL
THERMOPLASTIC PAVEMENT MARKING LINE 6", CROSS WALK, WHITE	A
THERMOPLASTIC PAVEMENT MARKING LINE 24", STOP BAR, WHITE	B
PAINT PAVEMENT MARKING, LETTERS AND SYMBOLS, WHITE	C
PAVEMENT MARKING REMOVAL	D

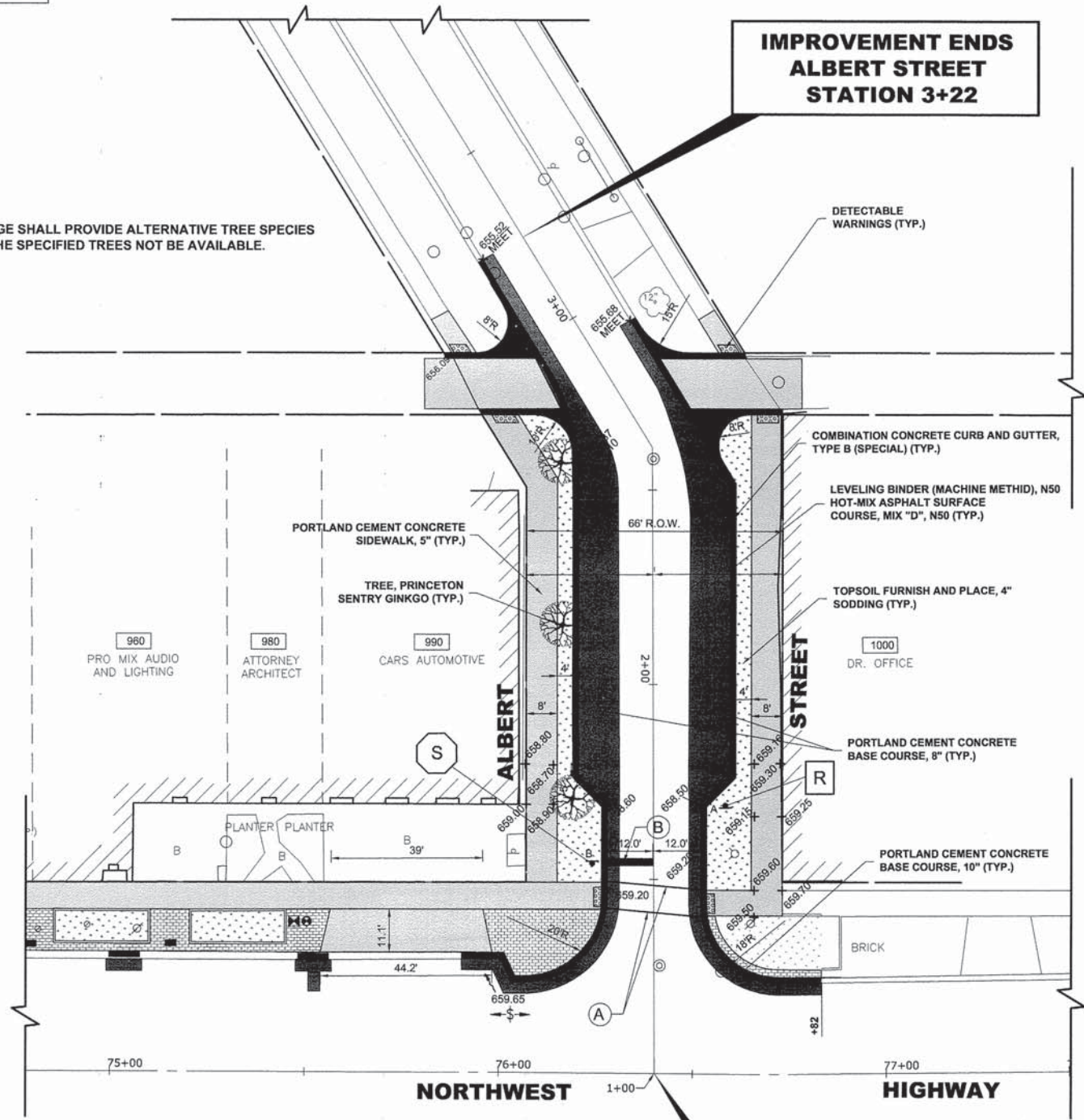
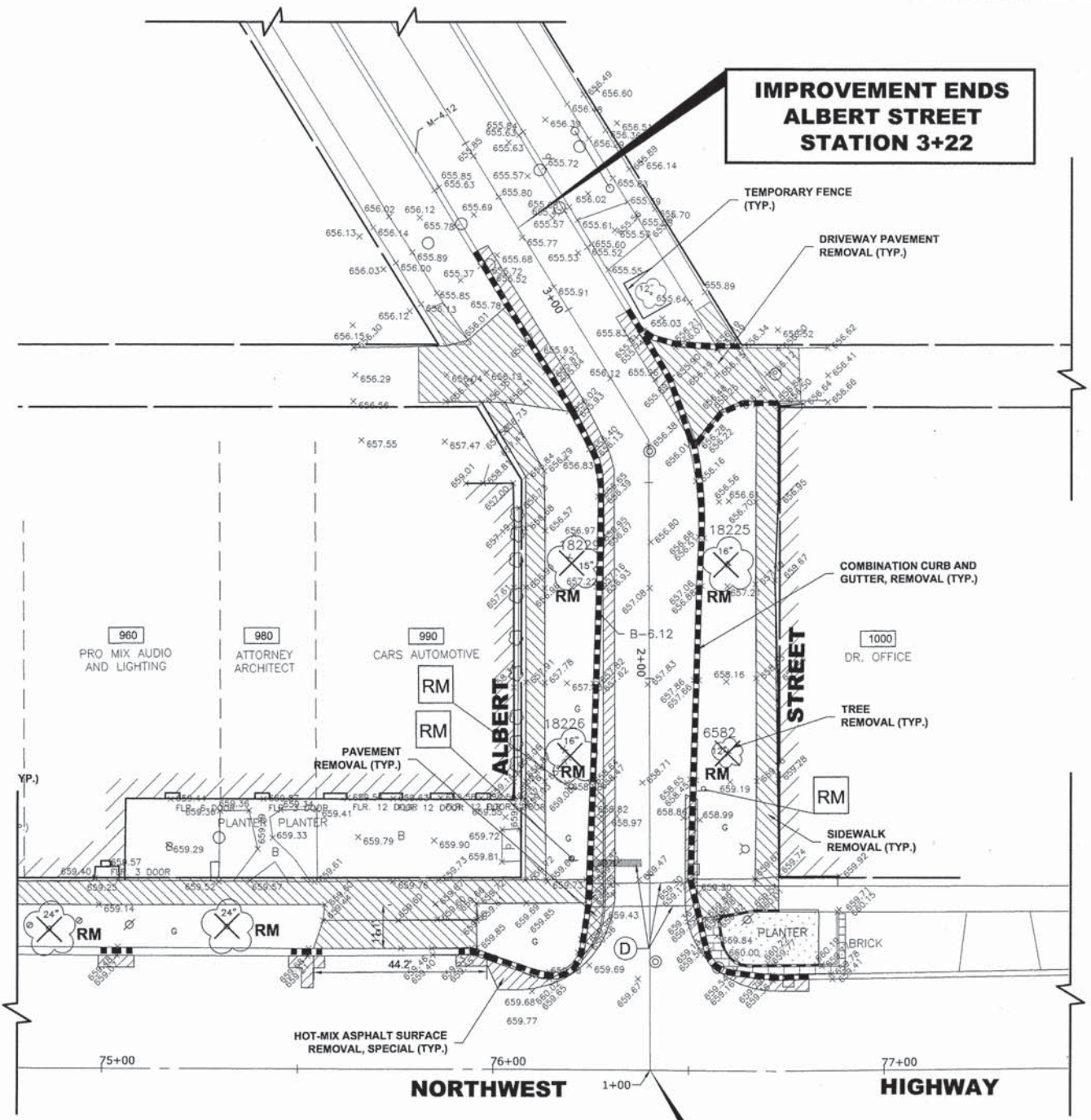
\* EXISTING PAVEMENT MARKINGS TO BE REMOVED AS NECESSARY.



**IMPROVEMENT ENDS  
ALBERT STREET  
STATION 3+22**

**IMPROVEMENT ENDS  
ALBERT STREET  
STATION 3+22**

**NOTES:**  
THE VILLAGE SHALL PROVIDE ALTERNATIVE TREE SPECIES  
SHOULD THE SPECIFIED TREES NOT BE AVAILABLE.



**EXISTING TREES CHART**

UNITID	BOTNAME	DBH
		Dia. (IN)
6582	ACRU	12
18225	ACPL	16
18226	ACPLCO	16
18229	ACPL	15

**SEE SHEET NO. 21 FOR  
NORTHWEST HIGHWAY  
IMPROVEMENTS**

**NW HWY. = STA. 76+40  
ALBERT ST. = STA. 1+00**

**EXISTING  
TOPOGRAPHY**

**SEE SHEET NO. 21 FOR  
NORTHWEST HIGHWAY  
IMPROVEMENTS**

**NW HWY. = STA. 76+40  
ALBERT ST. = STA. 1+00**

**PROPOSED  
IMPROVEMENT**

**NOTES:**  
SEE LEGEND ON SHEET 2 FOR SYMBOL DESCRIPTION.

**COMMERCIAL PROPERTY ACCESS:**  
THE CONTRACTOR SHALL MAINTAIN ACCESS TO COMMERCIAL PROPERTIES AT ALL TIMES AS DIRECTED BY THE ENGINEER. THIS CAN INVOLVE THE STAGING OF SIDEWALK OR DRIVEWAY REMOVAL AND REPLACEMENT, CURB AND GUTTER REMOVAL AND REPLACEMENT, AND THE REPLACEMENT OF BRICK PAVERS. IT MAY ALSO NECESSITATE THE USE OF TEMPORARY STONE FOR ACCESS. PAYMENT WILL NOT BE MADE SEPARATELY, BUT WILL BE INCLUDED IN THE UNIT PRICE FOR THE RESPECTIVE PAY ITEMS IN THE CONTRACT.



USER NAME - XX	DESIGNED - JGG	REVISED - XX
	DRAWN - MK	REVISED - XX
	CHECKED - MDL	REVISED - XX
	DATE - 03-19-14	REVISED - XX

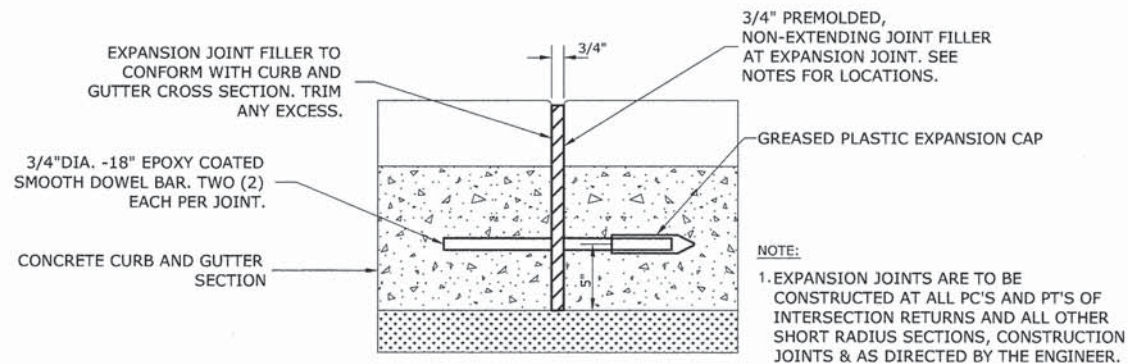
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ALBERT STREET  
PAVING PLAN**

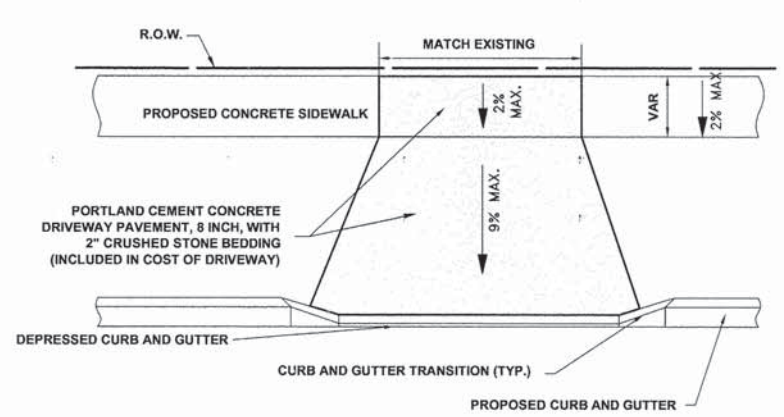
SCALE: 1"=20' SHEET NO. 11 OF 11 SHEETS STA. 1+00 TO STA. 3+22

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	24
CONTRACT NO. 61A23				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

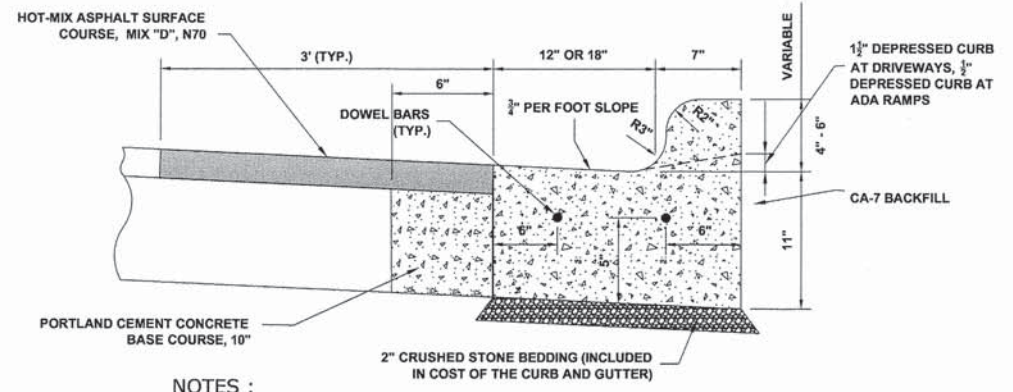




**TYPICAL CURB AND GUTTER EXPANSION JOINT**



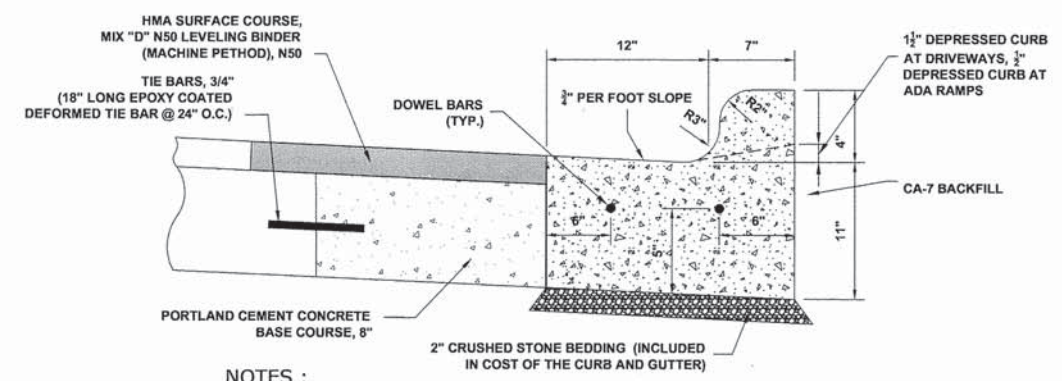
**DRIVEWAY DETAIL**



**NOTES :**

1. PROVIDE 2 - 3/4" DIAMETER, 18" LONG EPOXY COATED SMOOTH DOWEL BARS WITH PLASTIC EXPANSION CAPS AT EACH EXPANSION JOINT.
2. CONTRACTION JOINT - 2" DEEP CONTRACTION JOINTS SHALL BE SAWS AT EQUAL SPACES (NOT EXCEEDING 15 FEET) BETWEEN NORMAL EXPANSION JOINTS, IN THE UPPER 1/3 OF CURB & GUTTERS WITHIN 24 HOURS OF PLACEMENT.
3. THE NEW CURB AND GUTTER SHALL BE BACKFILLED FOR THE FULL-DEPTH OF THE CURB WITH CA-7 OR OTHER STONE APPROVED BY ENGINEER.
4. THE COST OF THE ABOVE SHALL BE INCLUDED IN THE COST OF THE CURB

**COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 OR B-6.18 (MODIFIED)**



**NOTES :**

1. PROVIDE 2 - 3/4" DIAMETER, 18" LONG EPOXY COATED SMOOTH DOWEL BARS WITH PLASTIC EXPANSION CAPS AT EACH EXPANSION JOINT.
2. CONTRACTION JOINT - 2" DEEP CONTRACTION JOINTS SHALL BE SAWS AT EQUAL SPACES (NOT EXCEEDING 15 FEET) BETWEEN NORMAL EXPANSION JOINTS, IN THE UPPER 1/3 OF CURB & GUTTERS WITHIN 24 HOURS OF PLACEMENT.
3. THE NEW CURB AND GUTTER SHALL BE BACKFILLED FOR THE FULL-DEPTH OF THE CURB WITH CA-7 OR OTHER STONE APPROVED BY ENGINEER.
4. THE COST OF THE ABOVE SHALL BE INCLUDED IN THE COST OF THE CURB

**COMBINATION CONCRETE CURB & GUTTER, TYPE B (SPECIAL)**

**DEPRESSED CURBS** - THE TOP OF CURBS SHALL BE DEPRESSED WHERE THE CURB AND GUTTER IS CONSTRUCTED AT HANDICAP ACCESSIBLE SIDEWALK RAMP AT ALLEY RETURNS AND STREET INTERSECTIONS, AND FOR PRIVATE AND COMMERCIAL DRIVES AND AS DIRECTED BY THE ENGINEER

**DRAINAGE OPENINGS** - AT ALL LOCATIONS WHERE CASTINGS ARE TO BE INCORPORATED IN THE CURB AND GUTTER, A 3/4" EXPANSION JOINT SHALL BE INSTALLED IN THE CURB AND GUTTER A DISTANCE OF 5 FT. FROM EACH SIDE OF THE CASTING. 2-NO. 4 RE-BARS, 9' IN LENGTH, SHALL BE INCORPORATED IN THE CONTINUOUS PORTION OF CONCRETE CURB BEHIND THE CASTING.

**DETECTABLE WARNINGS** - DETECTABLE WARNINGS SHALL BE INSTALLED AT HANDICAP ACCESSIBLE SIDEWALK RAMP, AT ALLEY RETURNS, AND STREET INTERSECTIONS. THESE SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE IDOT STANDARDS.

**SLIPFORM CONSTRUCTION** - VERTICAL FACES MAY BE BATTERED AT THE RATE OF 3/4" PER FOOT OF HEIGHT TO AID IN SLIPFORM OPERATIONS. THE PROPOSED CURB HEIGHT IS VARIABLE.

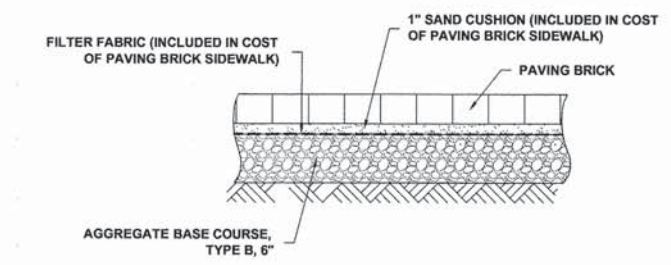
**DEPRESSED CURB HEIGHT** - THE HEIGHT OF THE DEPRESSED CURB SHALL BE 1-1/2" AT DRIVEWAYS. SEE IDOT STANDARD 424001-05 FOR HEIGHT AT SIDEWALK RAMP.

**BITUMINOUS EXPANSION JOINTS** - THREE QUARTER INCH (3/4") BITUMINOUS PREMOLDED INORGANIC FIBER EXPANSION JOINTS SHALL BE INSTALLED WHERE NEW SIDEWALK OR CURB AND GUTTER OR DRIVEWAY PAVEMENT ABUTS AN EXISTING CONCRETE WALK, DRIVE, OR CURB WHICH IS TO REMAIN IN PLACE, AND AT NOT LESS THAN NINETY FOOT (90') INTERVALS AT LOCATIONS WHERE CURB REPLACEMENT IS IN EXCESS OF NINETY FEET (90'); AT RADIUS POINTS, AT BOTH SIDES OF FRAMES AND GRATES WHICH FALL IN THE CURB; AND AS DIRECTED BY THE ENGINEER.

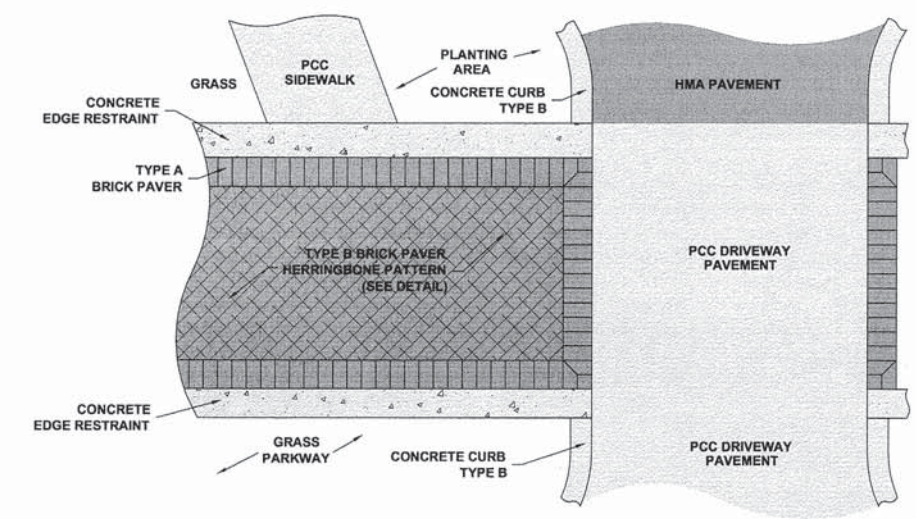
ALL EXPANSION JOINTS LOCATED IN THE CURB AND GUTTER SHALL HAVE TWO (2) THREE QUARTER INCH (3/4") DIAMETER, SMOOTH, ROUND, EPOXY COATED DOWEL BARS, EIGHTEEN INCHES (18") IN LENGTH, WITH GREASED PLASTIC END CAPS INSERTED TO ALLOW THE CURB AND GUTTER TO EXPAND AND CONTRACT LATERALLY. CONTRACTION JOINTS SHALL BE TOOLED INTO THE CURB AND GUTTER AT INTERVALS NOT TO EXCEED FIFTEEN FEET (15'). THESE CONTRACTION JOINTS SHALL BE SAW CUT TO A DEPTH OF TWO INCHES (2") WITHIN TWENTY-FOUR (24) HOURS OF CONCRETE PLACEMENT AND CAULKED WITHIN SEVEN (7) DAYS. THE COST OF THE ABOVE WORK SHALL BE INCLUDED IN THE RESPECTIVE ITEMS FOR CONCRETE INSTALLATION.

THE COSTS FOR REMOVAL OF ANY ASPHALT OVERLAY THAT EXTENDS INTO THE GUTTER PORTION OF THE CURB AND GUTTER WILL BE INCLUDED IN THE PRICE FOR COMBINATION CURB AND GUTTER REMOVAL.

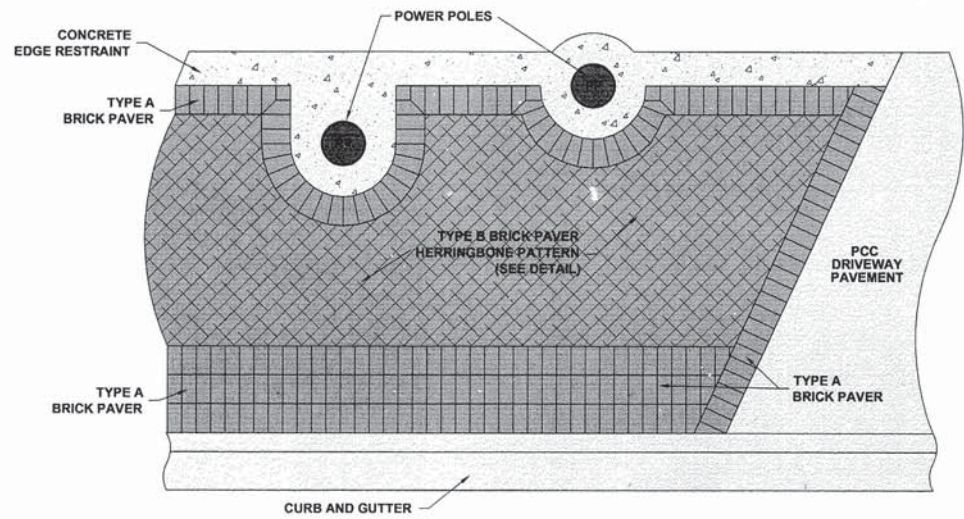
THE EDWIN HANCOCK ENGINEERING COMPANY AND THE VILLAGE PUBLIC WORKS DEPARTMENT SHALL BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO ANY CONSTRUCTION ACTIVITY.



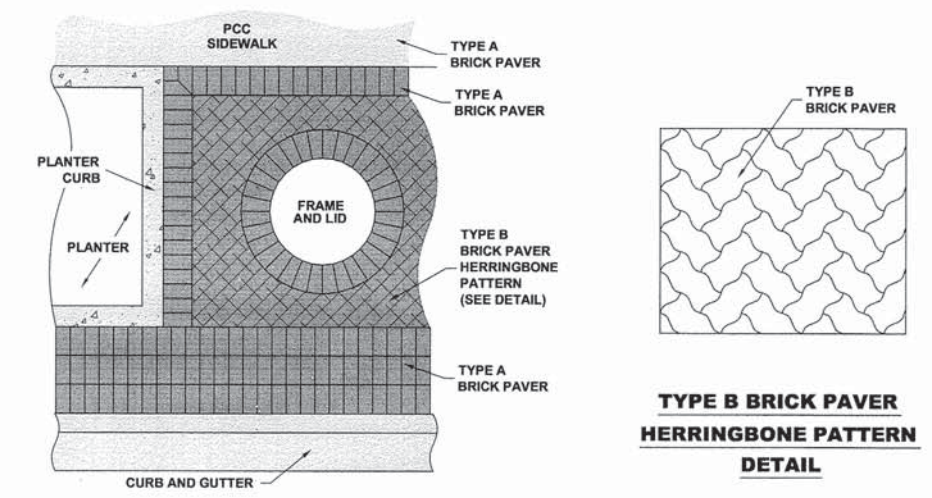
**PAVING BRICK SIDEWALK**



**FOREST TO FAIRVIEW**



**MAPLE TO OWEN**



**OWEN TO ALBERT**

**TYPE B BRICK PAVER HERRINGBONE PATTERN DETAIL**

TYPE A BRICK PAVER: HOLLAND PREMIER SOLID GREY (CUSTOM) - UNILOCK'S ENDURACOLOR LINE  
 TYPE B BRICK PAVER: UNISTONE PREMIER RED - UNILOCK'S ENDURACOLOR LINE

**PAVING BRICK SIDEWALK PATTERN DETAIL**



USER NAME - XX	DESIGNED - JGG	REVISED - XX
DESIGNED - JGG	DRAWN - MK	REVISED - XX
DRAWN - MK	CHECKED - MDL	REVISED - XX
CHECKED - MDL	DATE - 03-19-14	REVISED - XX

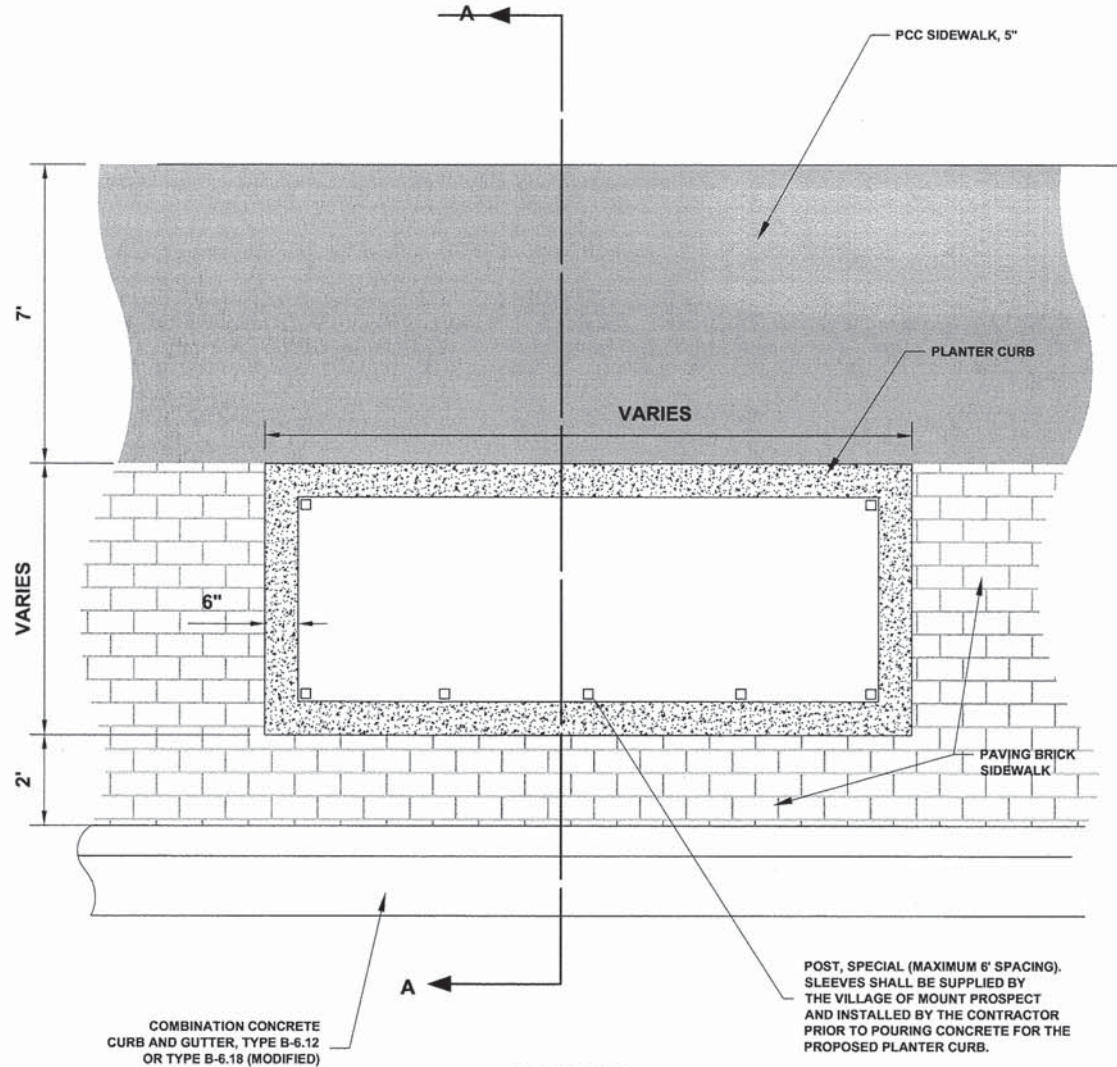
**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS**

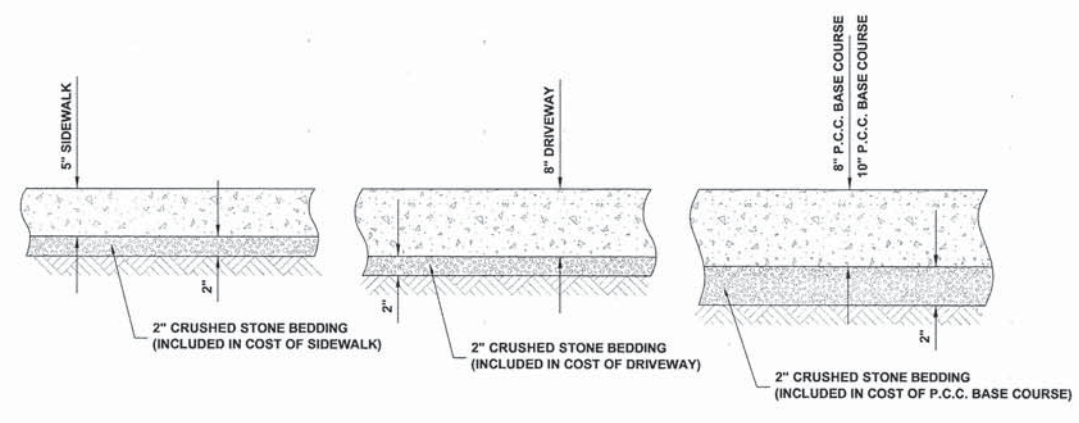
SCALE: NONE SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE. 3612	SECTION 13-00160-00-SW	COUNTY COOK	TOTAL SHEETS 50	SHEET NO. 25
CONTRACT NO. 61A23				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

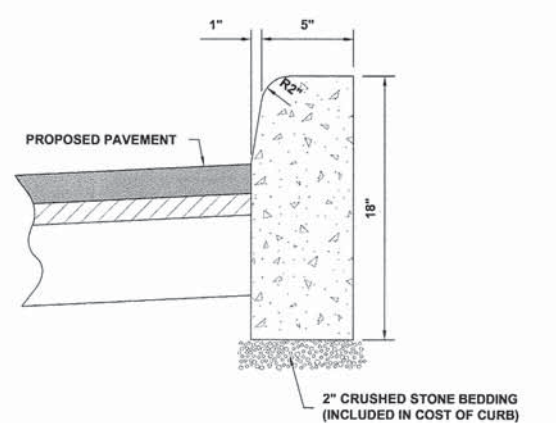
E.H.E. PROJECT NO. 555-13-14801



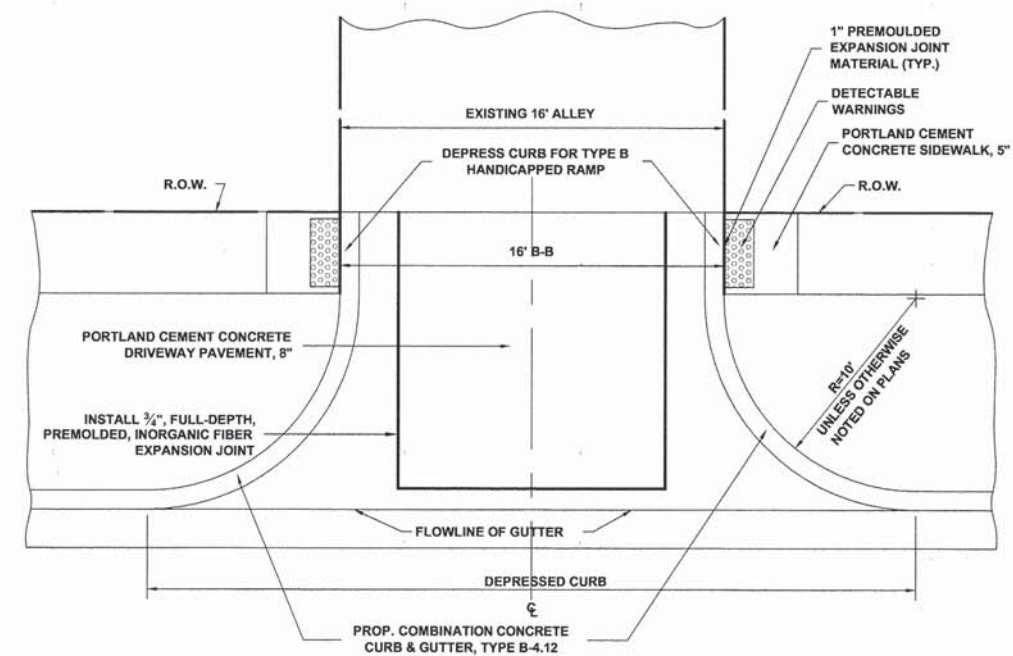
PLAN VIEW



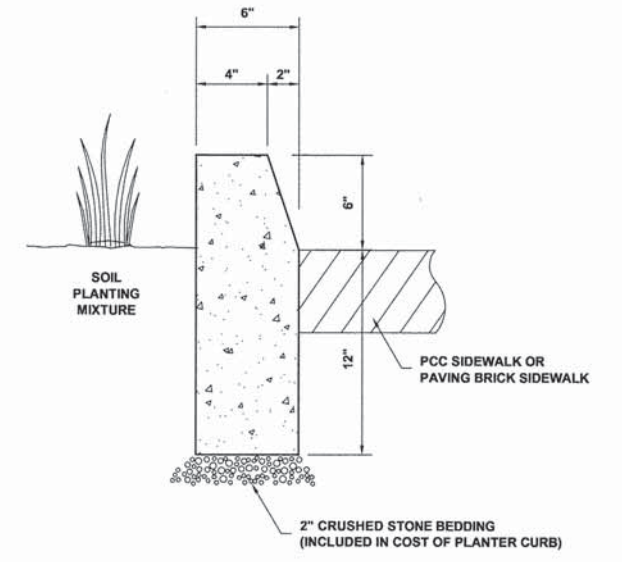
TYPICAL P.C.C. SIDEWALK, DRIVEWAY, AND PCC BASE COURSE DETAIL



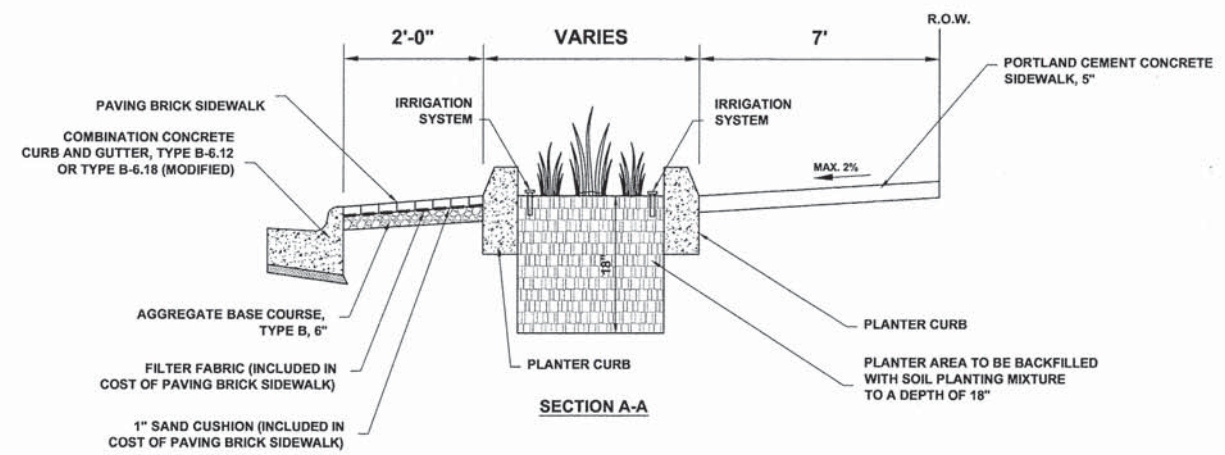
CONCRETE CURB, TYPE B



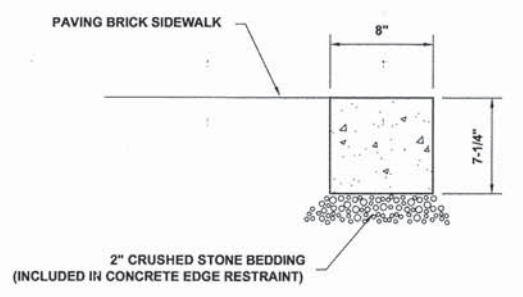
NOTE: UNLESS OTHERWISE NOTED ON PLAN USE RADII AS MARKED ABOVE.  
CONCRETE ALLEY RETURN DETAIL



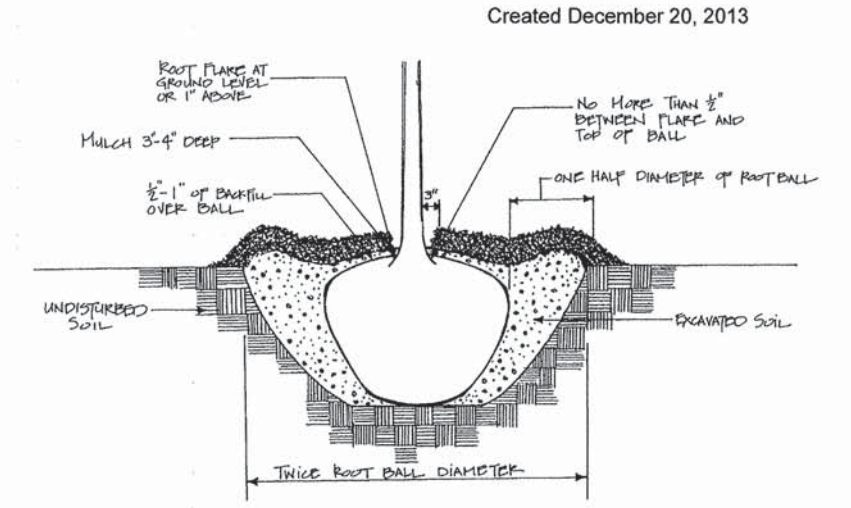
PLANTER CURB



SECTION A-A  
PLANTER DETAIL



CONCRETE EDGE RESTRAINT



TREE PLANTING DETAIL

Created December 20, 2013

Drawing file: W:\Projects\by\_Village\Mount Prospect\55513148 - NW Hwy Streetcops\NW Hwy\35-26\_Roadway-Details.dwg Apr 09, 2014 - 9:21am

**HANCOCK ENGINEERING**  
 Civil Engineers  
 Municipal Consultants  
 Established 1911

USER NAME - XX	DESIGNED - JGG	REVISED - XX
PLOT SCALE - XX	DRAWN - MK	REVISED - XX
PLOT DATE - XX	CHECKED - MDL	REVISED - XX
	DATE - 03-19-14	REVISED - XX

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS**

SCALE: NONE    SHEET NO. 2 OF 2 SHEETS    STA.    TO STA.

F.A.U. RTE. 3612	SECTION 13-00160-00-SW	COUNTY COOK	TOTAL SHEETS 50	SHEET NO. 26
CONTRACT NO. 61A23				
FED. ROAD DIST. NO. 1    ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 555-13-14801

# EROSION AND SEDIMENT CONTROL PLAN

THE EXISTING LAND COVER CONSISTS OF PAVED STREETS AND SIDEWALKS WITH MINOR GRASS PARKWAYS LOCATED IN A COMMERCIAL AREA. THE AREAS ADJACENT TO THE PROJECT SITE ARE COMPRISED OF DENSE RESIDENTIAL PROPERTIES WITH MINOR COMMERCIAL PROPERTIES. FLOOD PROTECTION AREAS AND POINTS OF DISCHARGE TO JURISDICTIONAL WATERS OF THE U.S DO NOT EXIST ON THIS PROJECT. WE DO NOT BELIEVE THERE ARE ANY AREAS SUSCEPTIBLE TO EROSION OR SEDIMENTATION DUE TO THESE IMPROVEMENTS. SOIL DATA IS NOT AVAILABLE BUT, PAST PROJECTS IN THE SUBJECT VILLAGE CONCLUDE THAT THE EXISTING SOIL CONSISTS OF CLAY WITH SOME MINOR SILT AND TRACES OF SAND.

PRIOR TO ANY SOIL/PAVEMENT DISTURBANCE, INLET FILTER ASSEMBLIES SHALL BE INSTALLED AS SHOWN ON PLANS.

THE INLET FILTER, PRIMARY PURPOSE IS TO TRAP SEDIMENT, REQUIRED FOR THIS PROJECT WILL BE A DROP IN INLET PROTECTION DEVICE. INLET FILTERS OF THIS TYPE HAVE BEEN USED ON PAST PROJECTS OF SIMILAR SIZE AND SCOPE AND HAVE HAD SATISFACTORY RESULTS.

THE INLET FILTER ASSEMBLY SHALL BE APPROVED BY THE ENGINEER OR VILLAGE PRIOR TO ORDERING AND INSTALLATION. THE INLET FILTER SHALL BE INSPECTED WEEKLY AND AFTER A 0.5 INCH RAIN EVENT BY THE ENGINEER. THE ENGINEER WILL REPORT ANY ISSUES, VIA VERBAL OR WRITTEN COMMUNICATION, THAT NEED TO BE ADDRESSED BY THE CONTRACTOR.

MAINTENANCE OF THE PROPOSED INLET FILTER WILL BE PER MANUFACTURE RECOMMENDATIONS AND WILL BE DONE BY THE CONTRACTOR. TYPICAL MAINTENANCE PRACTICES INCLUDE INSPECTION AFTER A RUNOFF EVENT, SEDIMENT REMOVAL AT 50% CAPACITY, AND REPAIRS/REPLACEMENT AS NEEDED.

PRIOR TO ANY PORTLAND CEMENT CONCRETE (PCC) POUR, CONCRETE WASHOUT BOXES SHALL BE INSTALLED AS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER.

CONCRETE WASHOUT BOXES, PRIMARY PURPOSE IS TO CONTAIN CONCRETE LIQUIDS AND PREVENT CONCRETE LIQUID RUNOFF FROM ENTERING SEWERS OR WATERWAYS, REQUIRED FOR THIS PROJECT WILL CONSIST OF A BARRIER WALL LINED WITH 30-MIL POLYETHYLENE OR AN ENGINEER APPROVED EQUAL WASHOUT. CONCRETE WASHOUT BOXES OF THIS TYPE HAVE BEEN USED ON PAST PROJECTS OF SIMILAR SIZE AND SCOPE AND HAVE HAD SATISFACTORY RESULTS.

THE PLAN FOR THE CONCRETE WASHOUT BOX SHALL BE SUBMITTED AND APPROVED BY THE ENGINEER OR VILLAGE PRIOR TO INSTALLATION AND WILL BE INSPECTED AFTER INSTALLATION. THE WASHOUT BOX SHALL BE INSPECTED PRIOR TO A CONCRETE POUR AND AFTER A CONCRETE POUR BY THE ENGINEER. THE ENGINEER WILL REPORT ANY ISSUES, VIA VERBAL OR WRITTEN COMMUNICATION, THAT NEED TO BE ADDRESSED BY THE CONTRACTOR.

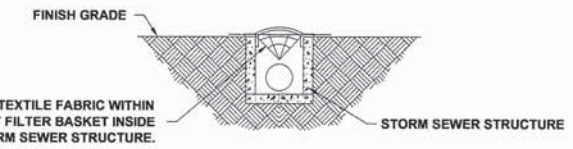
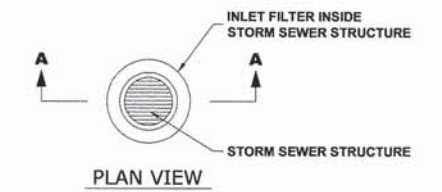
MAINTENANCE OF THE PROPOSED CONCRETE WASHOUT BOXES WILL BE DONE BY THE CONTRACTOR. TYPICAL MAINTENANCE PRACTICES INCLUDE REPLACING DAMAGED LINER, DISPOSING OF SOLIDIFIED CONCRETE WASHOUT, AND REMOVAL OF ANY DISCHARGES WITHIN 24 HOURS.

# LEGEND

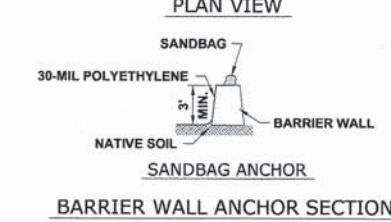
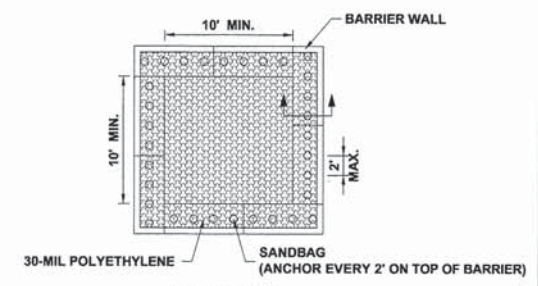
SYMBOL	DESCRIPTION
	INLET FILTER
	CONCRETE WASHOUT

# NOTES

- SEE IDOT STANDARD 280001-07 FOR TEMPORARY EROSION CONTROL SYSTEMS.
- THE CONTRACTOR SHALL ENSURE THAT ADJACENT PROPERTIES REMAIN PROTECTED FROM SEDIMENT DEPOSITION.
- SOIL STOCKPILES SHALL BE PROTECTED WITH PERIMETER EROSION BARRIER OR OTHER EROSION PROTECTION SPECIFIED BY THE RESIDENT ENGINEER. THE COST SHALL BE INCLUDED IN THE UNIT PRICE FOR THE INDIVIDUAL SOIL MATERIALS.
- WHEREVER CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED PUBLIC ROADS, PROVISIONS SHALL BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT BY RUNOFF OR VEHICLE TRACKING ONTO THE PAVED SURFACE. THE PROVISIONS MAY INCLUDE SPRAYING VEHICLE WHEELS TO CLEAR SEDIMENT BEFORE EXITING THE CONSTRUCTION SITE OR OTHER MEASURES APPROVED BY THE ENGINEER.
- THE COST OF ABOVE WORK WILL BE INCLUDED IN COST OF TRAFFIC CONTROL AND PROTECTION. INLET FILTERS SHALL BE INCIDENTAL TO CONTRACT.
- INLET FILTER SHALL BE INSTALLED PRIOR TO CONSTRUCTION AND SHALL BE REMOVED AFTER CONSTRUCTION IS COMPLETED. FILTERS WILL BE INSPECTED WEEKLY AND THE CONTRACTOR WILL BE NOTIFIED OF ANY CORRECTIVE MEASURES THAT WILL BE REQUIRED TO BE MADE BY THE CONTRACTOR.



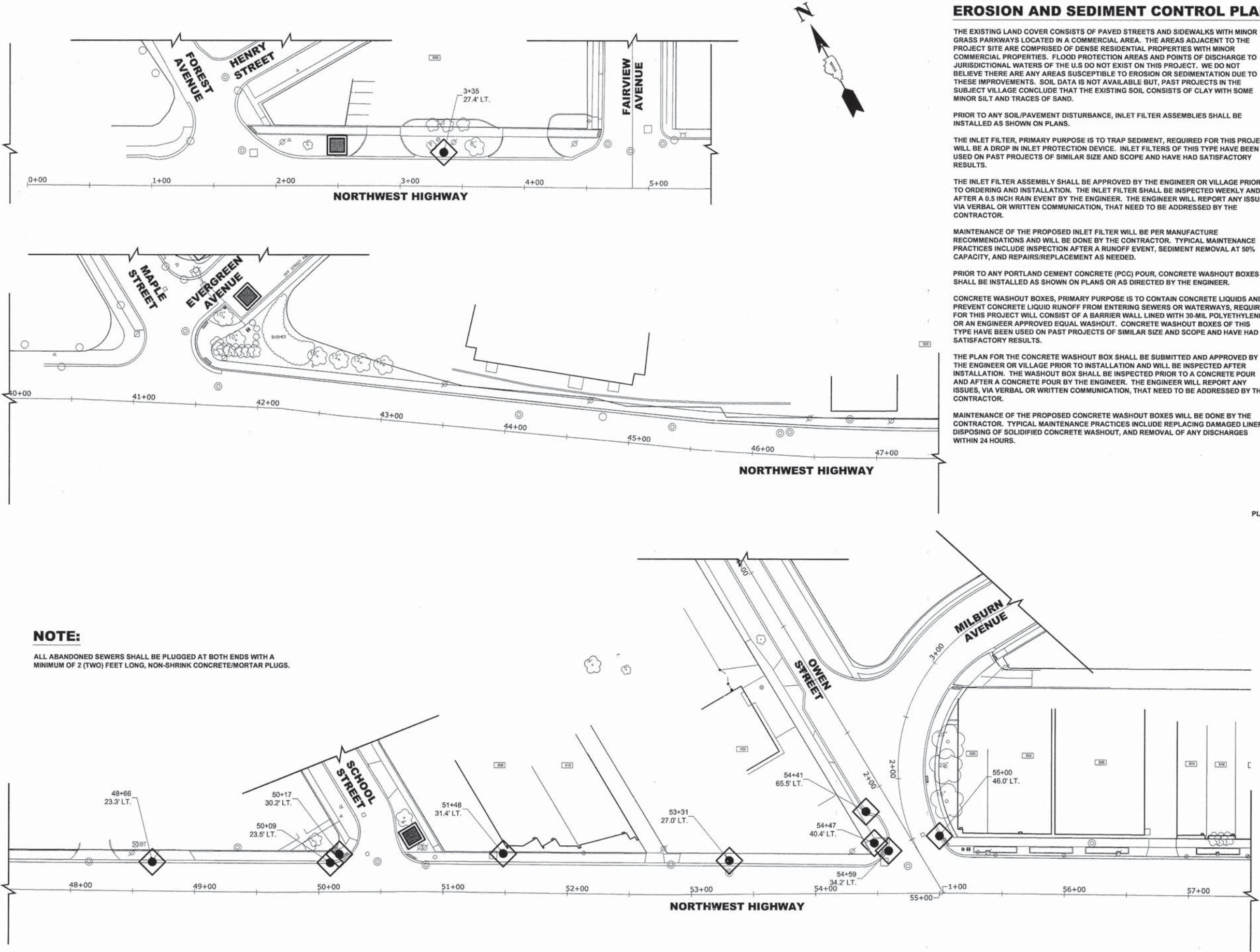
# INLET FILTER



# NOTES

- MAINTAINING TEMPORARY CONCRETE FACILITIES SHALL INCLUDE REMOVING AND DISPOSING OF HARDEN CONCRETE AND/OR SLURRY AND RETURNING THE FACILITIES TO A FUNCTIONAL CONDITION.
- FACILITY SHALL BE CLEANED OR RECONSTRUCTED IN A NEW AREA ONCE WASHOUT BECOMES TWO-THIRDS FULL.

# CONCRETE WASHOUT



**NOTE:**  
ALL ABANDONED SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH A MINIMUM OF 2 (TWO) FEET LONG, NON-SHRINK CONCRETE/MORTAR PLUGS.

Drawing file: W:\Projects\_by\_Village\Mount Prospect\55513148 - NW Hwy Streetscape\NW Hwy\27-28\_Erosion\_Control.dwg Nov 04, 2014 - 9:18am

**HANCOCK ENGINEERING**  
Civil Engineers  
Municipal Consultants  
Established 1911

USER NAME - XX	DESIGNED - JGG	REVISED - XX
	DRAWN - MK, DMM	REVISED - XX
	CHECKED - MDL	REVISED - XX
PLOT SCALE - XX	DATE - 05-14-14	REVISED - XX
PLOT DATE - XX		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

# EROSION CONTROL PLAN

SCALE: 1"=40' SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.	SHEET NO.
3612	13-00160-00-SW	COOK	50	27
CONTRACT NO. 61A23				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

# EROSION AND SEDIMENT CONTROL PLAN

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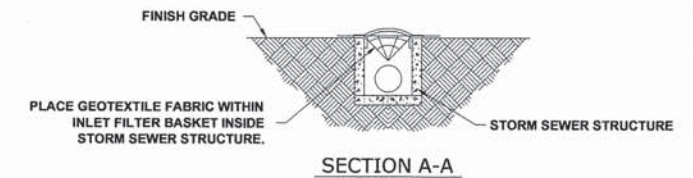
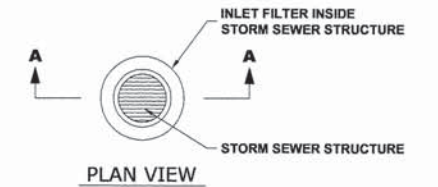
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# LEGEND

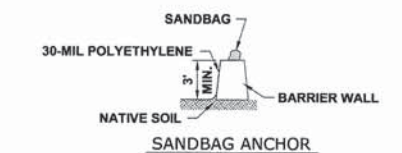
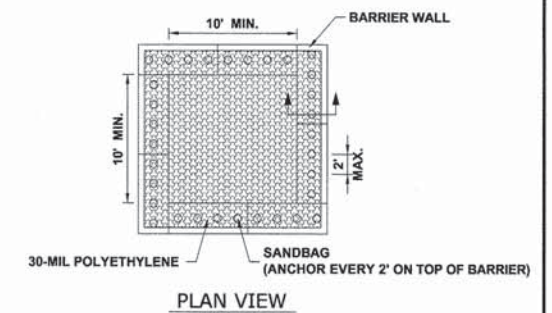
SYMBOL	DESCRIPTION
	INLET FILTER
	CONCRETE WASHOUT

# NOTES

- SEE IDOT STANDARD 280001-07 FOR TEMPORARY EROSION CONTROL SYSTEMS.
- THE CONTRACTOR SHALL ENSURE THAT ADJACENT PROPERTIES REMAIN PROTECTED FROM SEDIMENT DEPOSITION.
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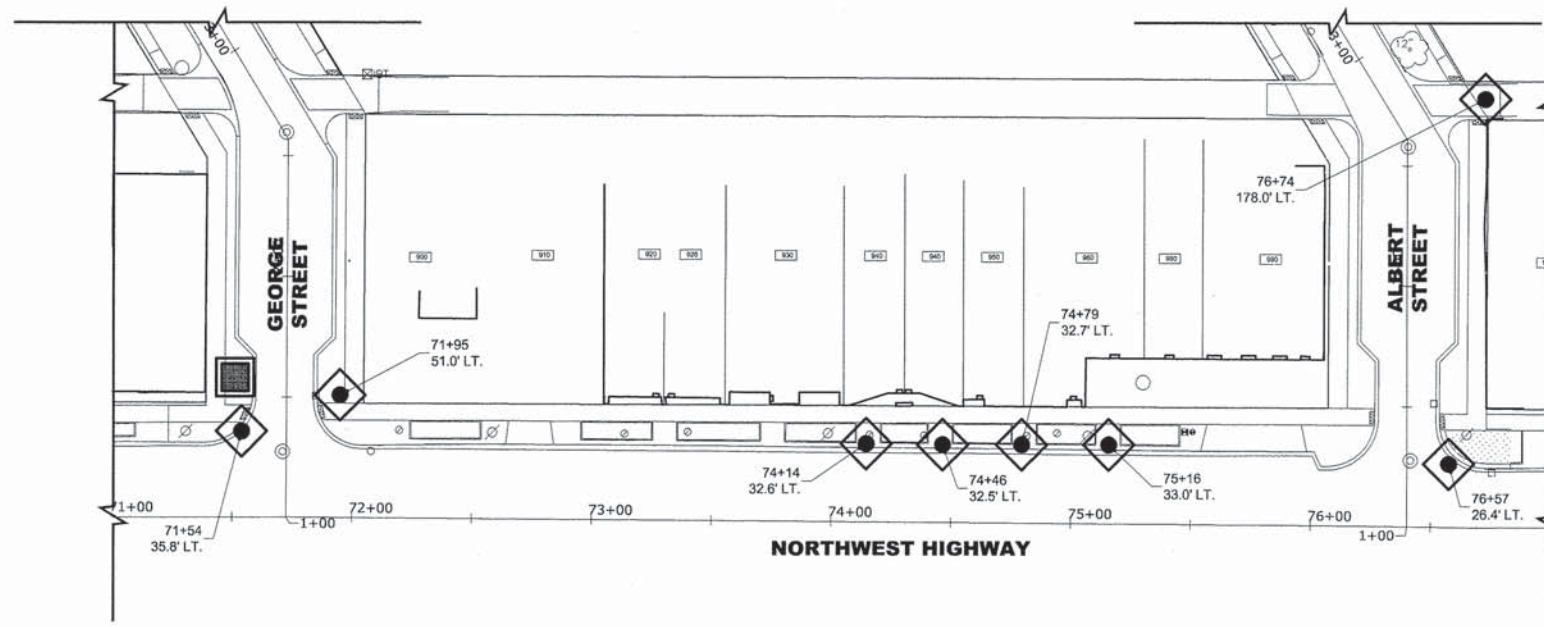
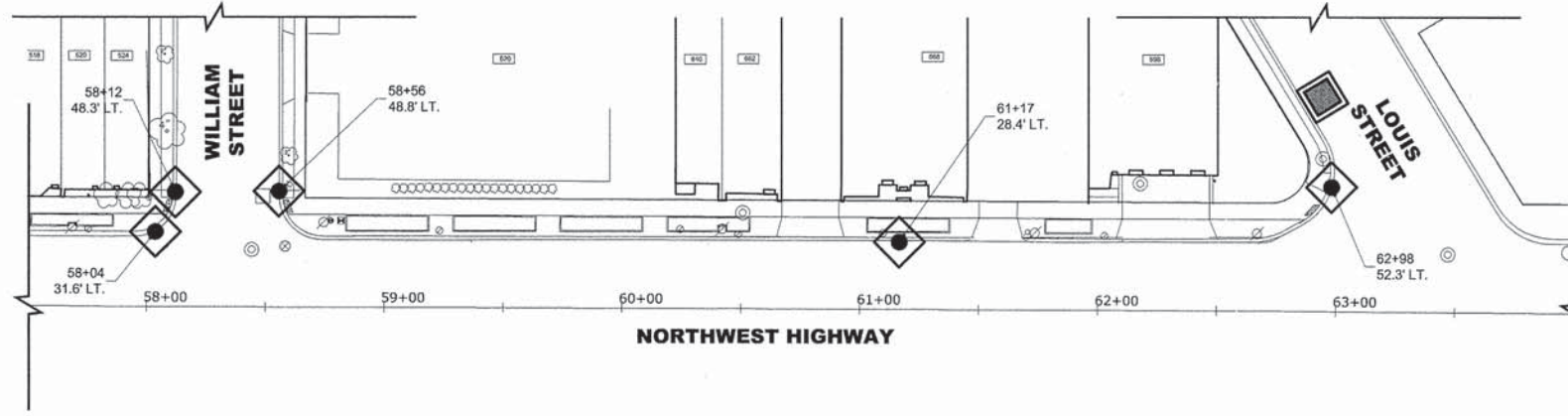
# INLET FILTER



# NOTES

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# CONCRETE WASHOUT



# NOTE:

ALL ABANDONED SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH A MINIMUM OF 2 (TWO) FEET LONG, NON-SHRINK CONCRETE/MORTAR PLUGS.

Drawing file: W:\Projects\by\_Village\Mount Prospect\55513148 - NW Hwy Streetscape\NW Hwy V27-28\_Erosion\_Control.dwg Nov 04, 2014 - 9:16am

**HANCOCK ENGINEERING**  
 Civil Engineers  
 Municipal Consultants  
 Established 1911

USER NAME - XX	DESIGNED - JGG	REVISED - XX
	DRAWN - MK, DMM	REVISED - XX
PLOT SCALE - XX	CHECKED - MDL	REVISED - XX
PLOT DATE - XX	DATE - 05-14-14	REVISED - XX

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

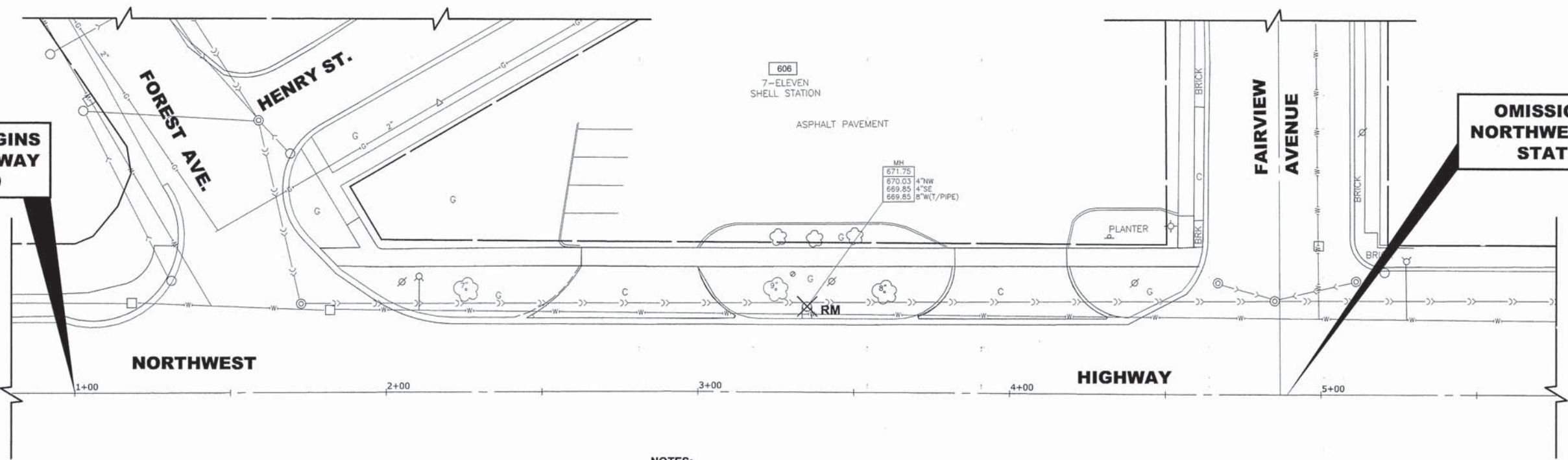
# EROSION CONTROL PLAN

SCALE: 1"=40' SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	28
CONTRACT NO. 61A23				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 555-13-14801

**IMPROVEMENT BEGINS  
NORTHWEST HIGHWAY  
STATION 1+00**



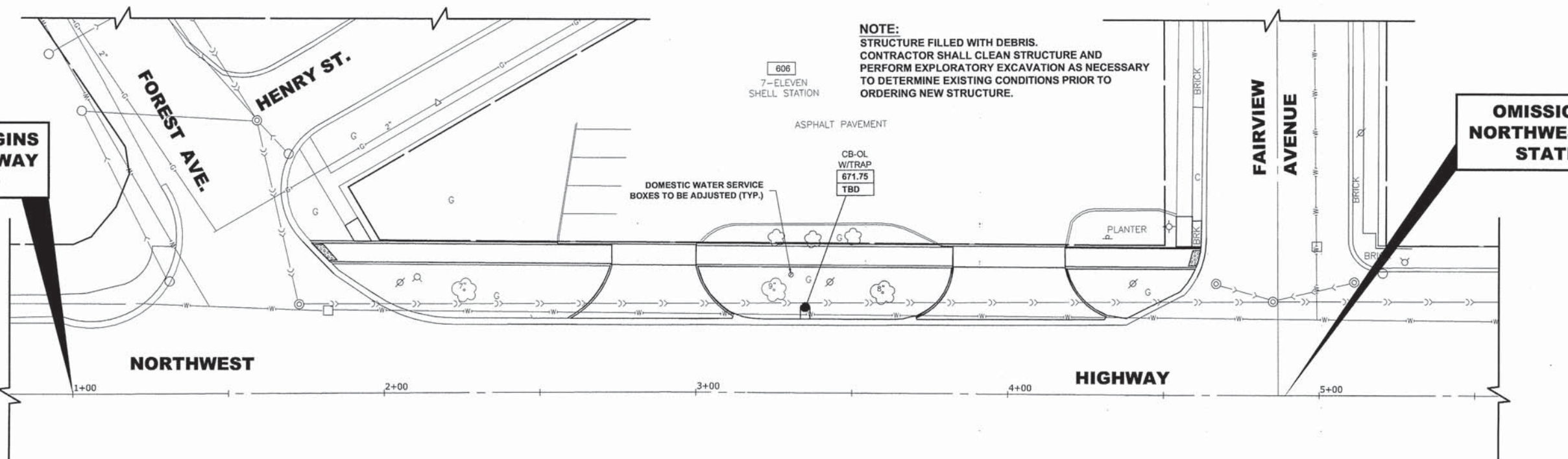
**OMISSION BEGINS  
NORTHWEST HIGHWAY  
STATION 4+90**

**NOTES:**  
SEE LEGEND ON SHEET 2 FOR SYMBOL DESCRIPTION.

**COMMERCIAL PROPERTY ACCESS:**  
THE CONTRACTOR SHALL MAINTAIN ACCESS TO COMMERCIAL PROPERTIES AT ALL TIMES AS DIRECTED BY THE ENGINEER. THIS CAN INVOLVE THE STAGING OF SIDEWALK OR DRIVEWAY REMOVAL AND REPLACEMENT, CURB AND GUTTER REMOVAL AND REPLACEMENT, AND THE REPLACEMENT OF BRICK PAVERS. IT MAY ALSO NECESSITATE THE USE OF TEMPORARY STONE FOR ACCESS. PAYMENT WILL NOT BE MADE SEPARATELY, BUT WILL BE INCLUDED IN THE UNIT PRICE FOR THE RESPECTIVE PAY ITEMS IN THE CONTRACT.

**EXISTING  
TOPOGRAPHY**

**IMPROVEMENT BEGINS  
NORTHWEST HIGHWAY  
STATION 1+00**



**OMISSION BEGINS  
NORTHWEST HIGHWAY  
STATION 4+90**

**PROPOSED  
IMPROVEMENT**

Drawing file: W:\Projects\_by\_Village\Mount Prospect\55513148 - NW Hwy\_Streetcrops\NW Hwy\NW Hwy\_Improvements.dwg Mar 19, 2014 - 12:55pm



USER NAME - XX	DESIGNED - JGG	REVISED - XX
PLOT SCALE - XX	DRAWN - MK	REVISED - XX
PLOT DATE - XX	CHECKED - MDL	REVISED - XX
	DATE - 03-19-14	REVISED - XX

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

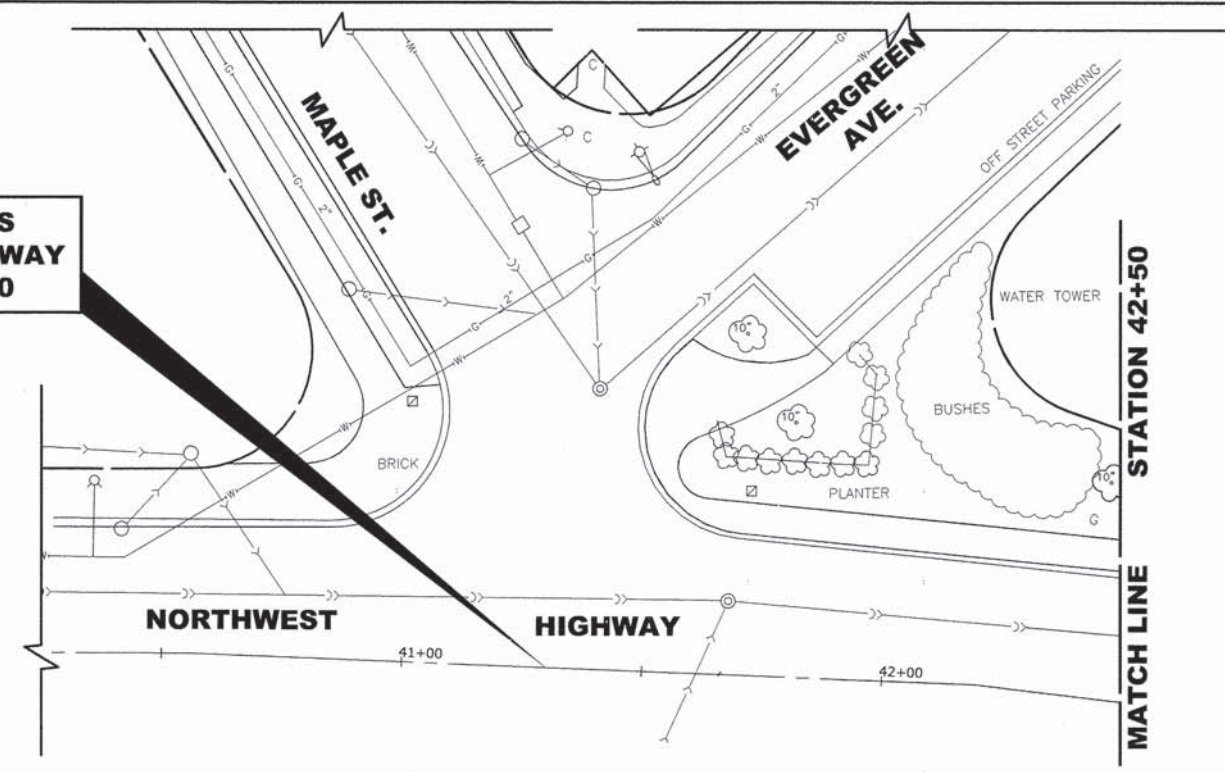
**NORTHWEST HIGHWAY (US14)  
IRRIGATION AND UTILITIES PLAN**

SCALE: 1"=20' SHEET NO. 1 OF 11 SHEETS STA. 1+00 TO STA. 4+90

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	29
CONTRACT NO. 61A23				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT  
E.H.E. PROJECT NO. 555-13-14801

**OMISSION ENDS  
NORTHWEST HIGHWAY  
STATION 41+30**



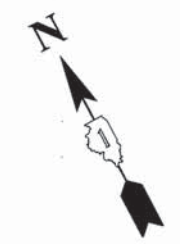
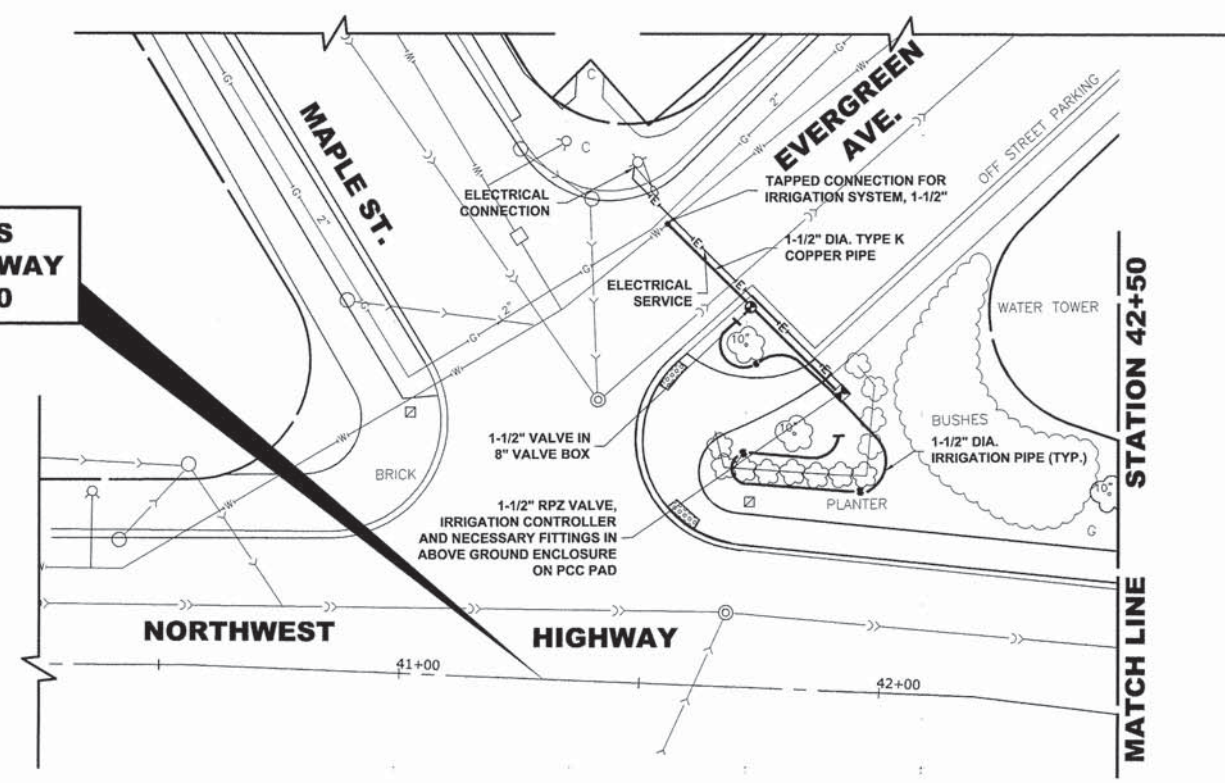
**NOTES:**

SEE LEGEND ON SHEET 2 FOR SYMBOL DESCRIPTION.

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**EXISTING  
TOPOGRAPHY**

**OMISSION ENDS  
NORTHWEST HIGHWAY  
STATION 41+30**



**PROPOSED  
IMPROVEMENT**

Drawing file: W:\Projects\_by\_Village\Mount Prospect\55513148 - NW Hwy Streetscape\NW Hwy\NW Hwy\_Imports.dwg Mar 19, 2014 - 2:00pm

**HANCOCK ENGINEERING**  
Civil Engineers  
Municipal Consultants  
Established 1911

1011 Riverside Blvd  
Mount Prospect, IL 60056-2700  
Phone: 708.962.0200  
Fax: 708.962.0202

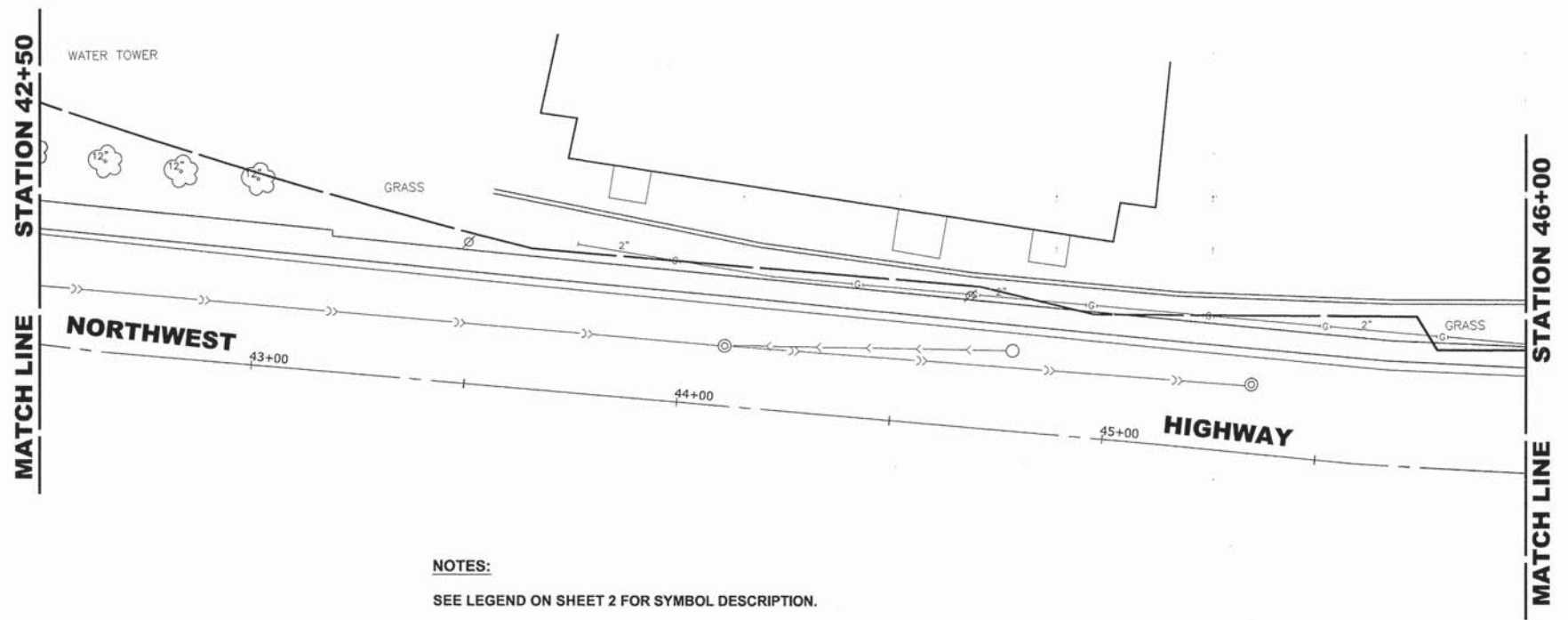
USER NAME -	XX	DESIGNED -	JGG	REVISED -	XX
		DRAWN -	MK	REVISED -	XX
PLOT SCALE -	XX	CHECKED -	MDL	REVISED -	XX
PLOT DATE -	XX	DATE -	03-19-14	REVISED -	XX

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**NORTHWEST HIGHWAY (US14)  
IRRIGATION AND UTILITIES PLAN**

SCALE: 1"=20' SHEET NO. 2 OF 11 SHEETS STA. 41+30 TO STA. 42+50

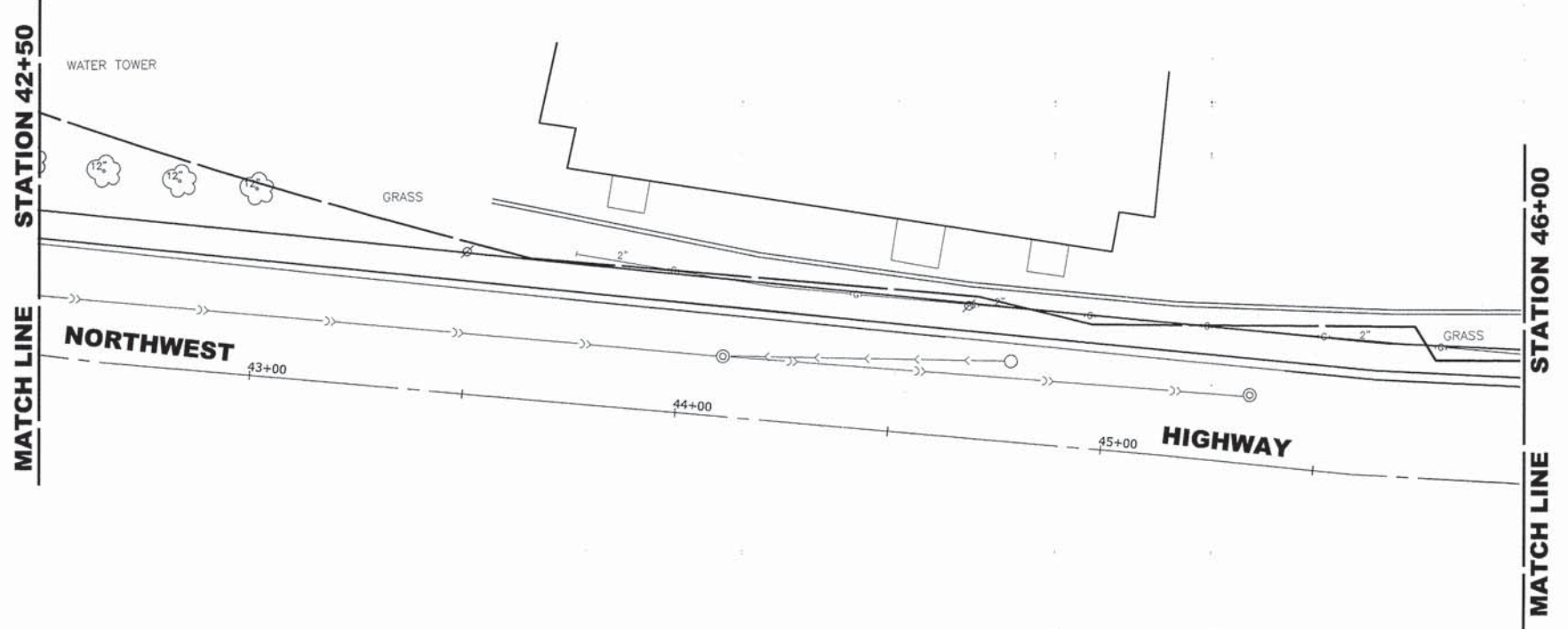
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	30
CONTRACT NO. 61A23				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**EXISTING TOPOGRAPHY**

**NOTES:**  
 SEE LEGEND ON SHEET 2 FOR SYMBOL DESCRIPTION.

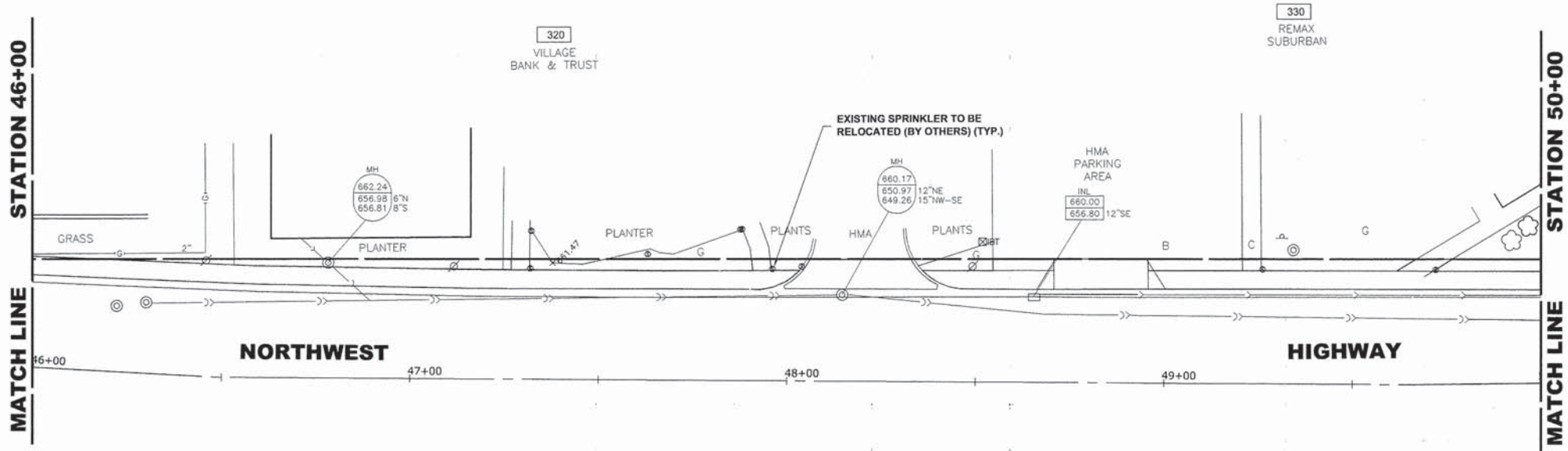
**COMMERCIAL PROPERTY ACCESS:**  
 THE CONTRACTOR SHALL MAINTAIN ACCESS TO COMMERCIAL PROPERTIES AT ALL TIMES AS DIRECTED BY THE ENGINEER. THIS CAN INVOLVE THE STAGING OF SIDEWALK OR DRIVEWAY REMOVAL AND REPLACEMENT, CURB AND GUTTER REMOVAL AND REPLACEMENT, AND THE REPLACEMENT OF BRICK PAVERS. IT MAY ALSO NECESSITATE THE USE OF TEMPORARY STONE FOR ACCESS. PAYMENT WILL NOT BE MADE SEPARATELY, BUT WILL BE INCLUDED IN THE UNIT PRICE FOR THE RESPECTIVE PAY ITEMS IN THE CONTRACT.



**PROPOSED IMPROVEMENT**

Drawing file: W:\Projects\_by\_Village\Mount Prospect\55513148 - NW Hwy Streetscape\NW Hwy\NW Hwy\_Imports.dwg Mar 19, 2014 - 1:59pm

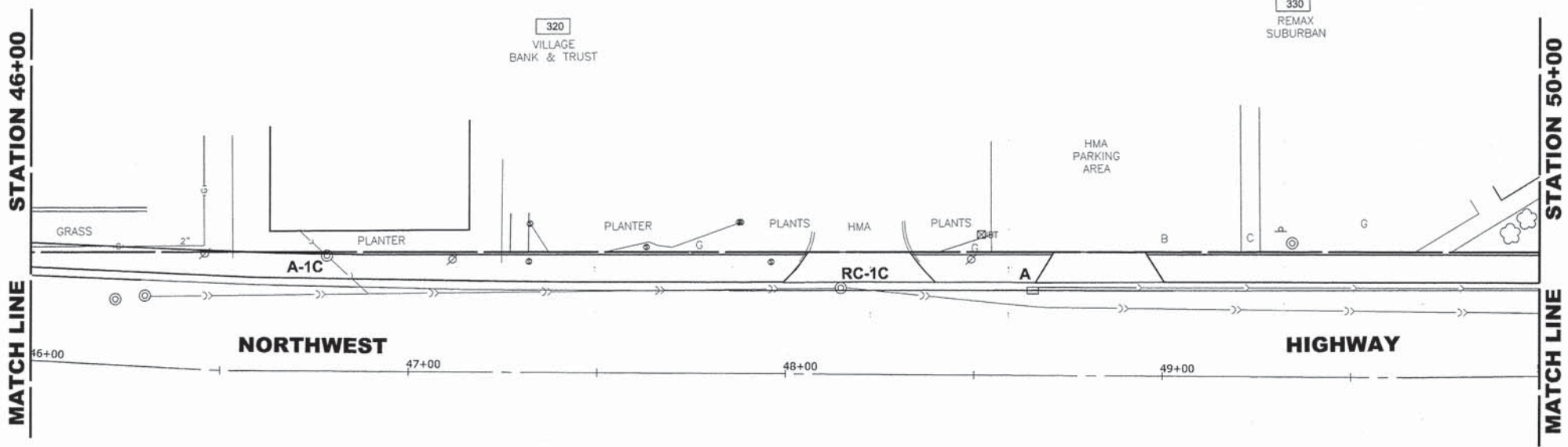
	USER NAME - XX	DESIGNED - JGG	REVISED - XX	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>NORTHWEST HIGHWAY (US14) IRRIGATION AND UTILITIES PLAN</b>	F.A.U. RTE. 3612	SECTION 13-00160-00-SW	COUNTY COOK	TOTAL SHEETS 50	SHEET NO. 31	
	PLOT SCALE - XX	CHECKED - MDL	REVISED - XX			CONTRACT NO. 61A23					
	PLOT DATE - XX	DATE - 03-19-14	REVISED - XX			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					
						SCALE: 1"=20'		SHEET NO. 3 OF 8 SHEETS		STA. 42+50 TO STA. 46+00	



**NOTES:**  
 SEE LEGEND ON SHEET 2 FOR SYMBOL DESCRIPTION.

**COMMERCIAL PROPERTY ACCESS:**  
 THE CONTRACTOR SHALL MAINTAIN ACCESS TO COMMERCIAL PROPERTIES AT ALL TIMES AS DIRECTED BY THE ENGINEER. THIS CAN INVOLVE THE STAGING OF SIDEWALK OR DRIVEWAY REMOVAL AND REPLACEMENT, CURB AND GUTTER REMOVAL AND REPLACEMENT, AND THE REPLACEMENT OF BRICK PAVERS. IT MAY ALSO NECESSITATE THE USE OF TEMPORARY STONE FOR ACCESS. PAYMENT WILL NOT BE MADE SEPARATELY, BUT WILL BE INCLUDED IN THE UNIT PRICE FOR THE RESPECTIVE PAY ITEMS IN THE CONTRACT.

**EXISTING TOPOGRAPHY**



**PROPOSED IMPROVEMENT**

Drawing file: W:\Projects\by\_Village\Mount Prospect\55513148 - NW Hwy Streetscape\NW Hwy\NW Hwy\_Impvts.dwg Mar 19, 2014 - 1:59pm

**HANCOCK ENGINEERING**  
 Civil Engineers  
 Municipal Consultants  
 Established 1911

9311 Riverside Blvd  
 Wheeling, Illinois 60090-2796  
 Phone: 708.962.0200  
 Fax: 708.962.0211

USER NAME -	XX	DESIGNED -	JGG	REVISED -	XX
		DRAWN -	MK	REVISED -	XX
PLOT SCALE -	XX	CHECKED -	MDL	REVISED -	XX
PLOT DATE -	XX	DATE -	03-19-14	REVISED -	XX

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

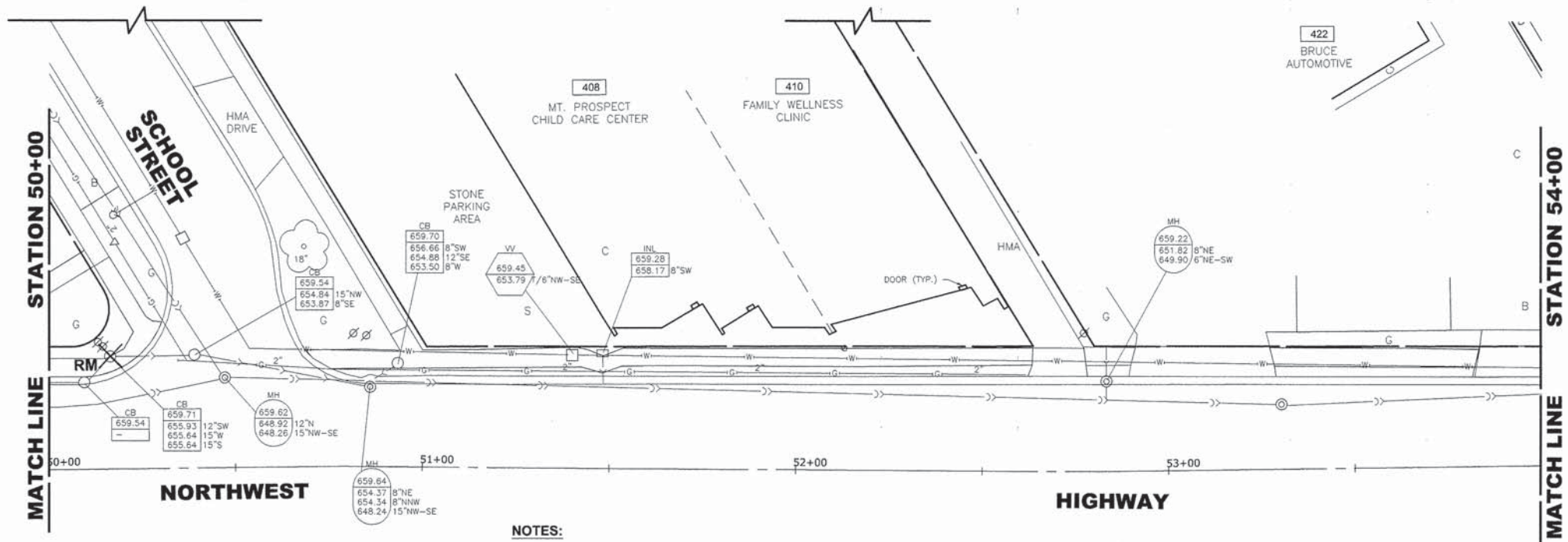
**NORTHWEST HIGHWAY (US14)  
 IRRIGATION AND UTILITIES PLAN**

SCALE: 1"=20'    SHEET NO. 4 OF 11 SHEETS    STA. 46+00 TO STA. 50+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	32
CONTRACT NO. 61A23				
FED. ROAD DIST. NO. 1    ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 555-13-14801



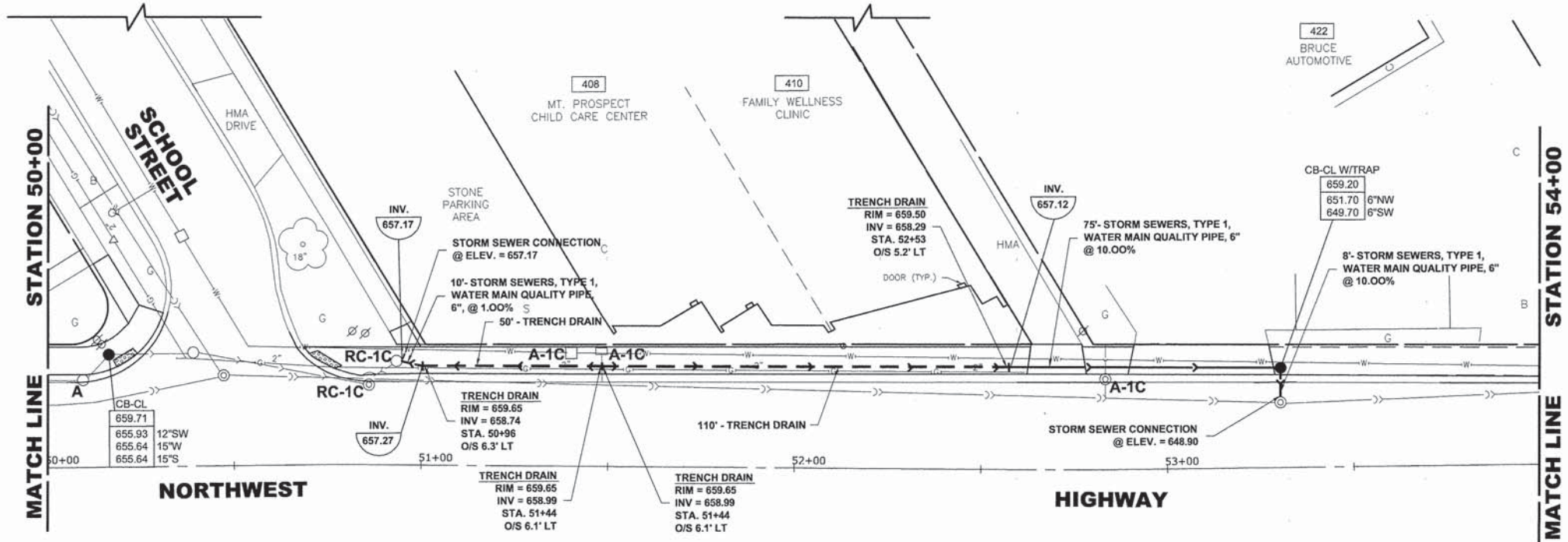


**NOTES:**

SEE LEGEND ON SHEET 2 FOR SYMBOL DESCRIPTION.

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**EXISTING TOPOGRAPHY**



**PROPOSED IMPROVEMENT**

Drawing file: W:\Projects\_by\_Village\Mount Prospect\55513148 - NW Hwy Streetscape\NW Hwy\NW\_Hwy\_Imports.dwg  
 Mar 19, 2014 - 12:58pm

**HANCOCK ENGINEERING**  
 Civil Engineers  
 Municipal Consultants  
 Established 1911

USER NAME - XX	DESIGNED - JGG	REVISED - XX
PLOT SCALE - XX	DRAWN - MK	REVISED - XX
PLOT DATE - XX	CHECKED - MDL	REVISED - XX
	DATE - 03-19-14	REVISED - XX

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

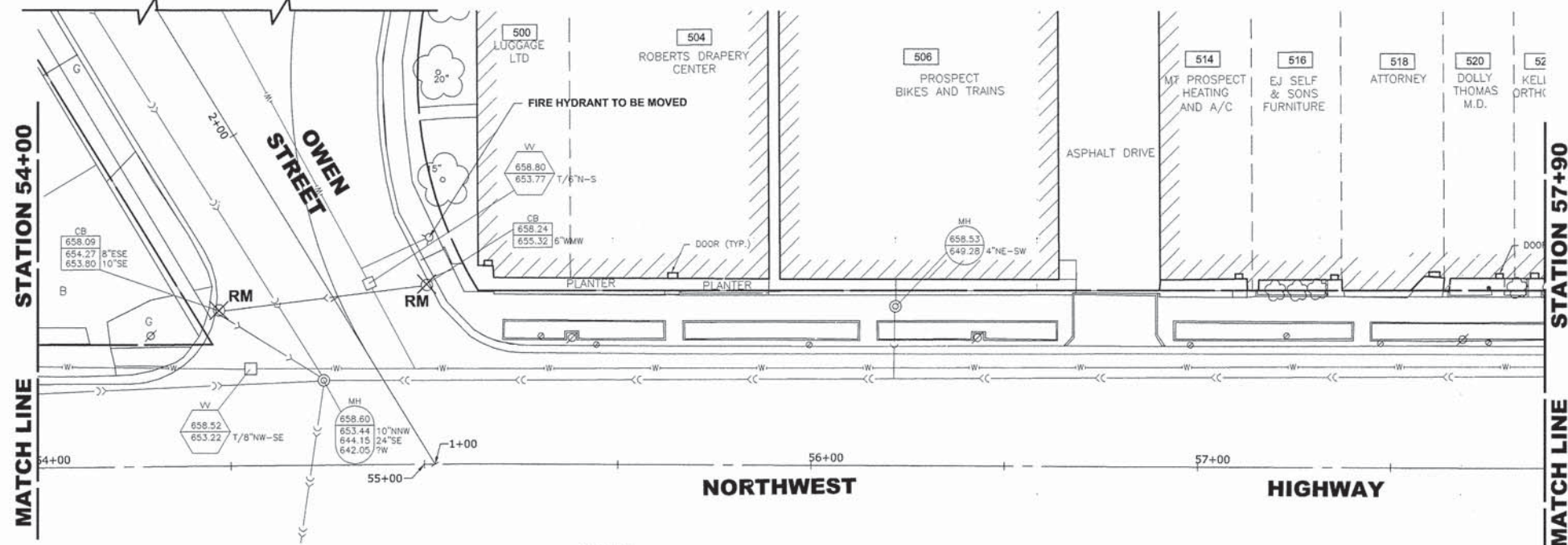
**NORTHWEST HIGHWAY (US14)  
 IRRIGATION AND UTILITIES PLAN**

SCALE: 1"=20' SHEET NO. 5 OF 11 SHEETS STA. 50+00 TO STA. 54+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	33
CONTRACT NO. 61A23				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 555-13-14801

SEE SHEET NO. 37 FOR OWEN STREET IMPROVEMENTS



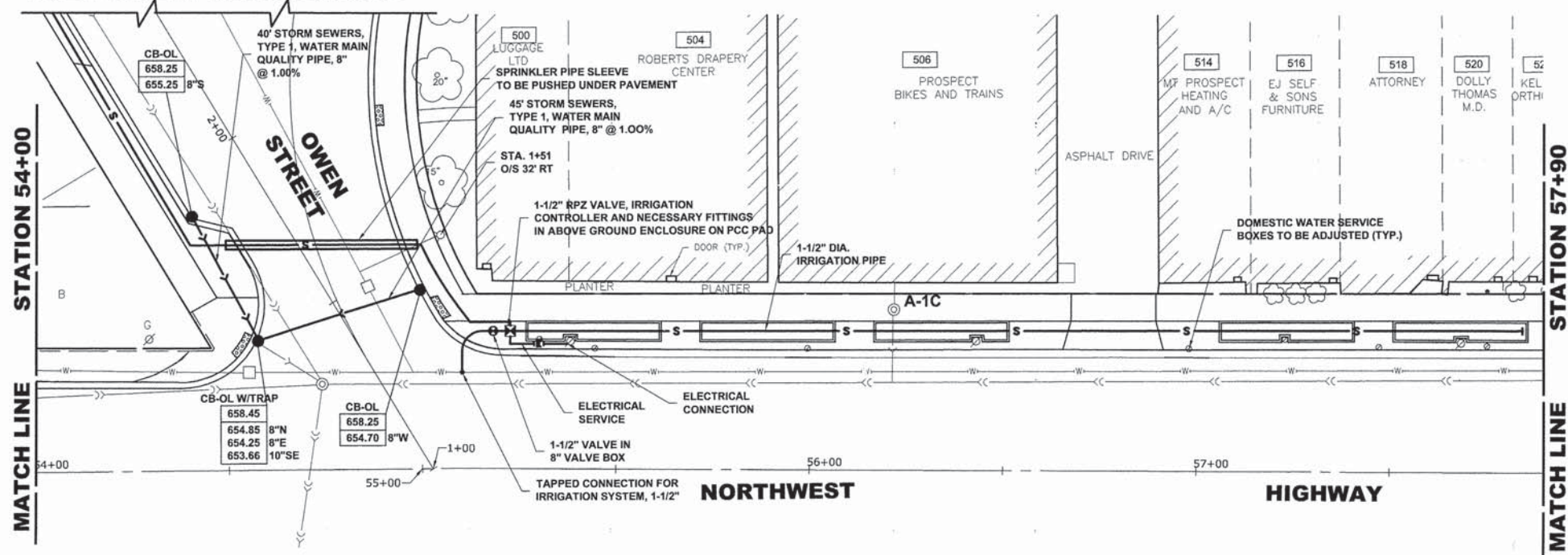
**NOTES:**

SEE LEGEND ON SHEET 2 FOR SYMBOL DESCRIPTION.

**COMMERCIAL PROPERTY ACCESS:**  
 THE CONTRACTOR SHALL MAINTAIN ACCESS TO COMMERCIAL PROPERTIES AT ALL TIMES AS DIRECTED BY THE ENGINEER. THIS CAN INVOLVE THE STAGING OF SIDEWALK OR DRIVEWAY REMOVAL AND REPLACEMENT, CURB AND GUTTER REMOVAL AND REPLACEMENT, AND THE REPLACEMENT OF BRICK PAVERS. IT MAY ALSO NECESSITATE THE USE OF TEMPORARY STONE FOR ACCESS. PAYMENT WILL NOT BE MADE SEPARATELY, BUT WILL BE INCLUDED IN THE UNIT PRICE FOR THE RESPECTIVE PAY ITEMS IN THE CONTRACT.

**EXISTING TOPOGRAPHY**

SEE SHEET NO. 37 FOR OWEN STREET IMPROVEMENTS



**PROPOSED IMPROVEMENT**

Drawing file: W:\Projects\_by\_Village\Mount Prospect\55513148 - NW Hwy Streetscape\NW Hwy\_AW\_Hwy\_Improvements.dwg Mar 20, 2014 - 2:42pm



USER NAME - XX	DESIGNED - JGG	REVISED - XX
	DRAWN - MK	REVISED - XX
PLOT SCALE - XX	CHECKED - MDL	REVISED - XX
PLOT DATE - XX	DATE - 03-19-14	REVISED - XX

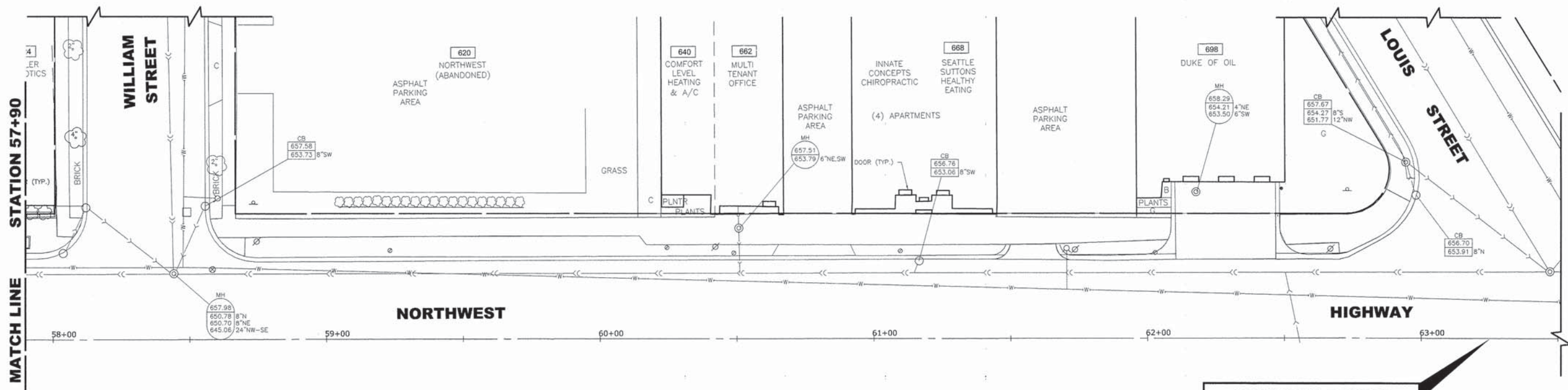
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**NORTHWEST HIGHWAY (US14)  
 IRRIGATION AND UTILITIES PLAN**

SCALE: 1"=20' SHEET NO. 6 OF 11 SHEETS STA. 54+00 TO STA. 57+90

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	34
CONTRACT NO. 61A23				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

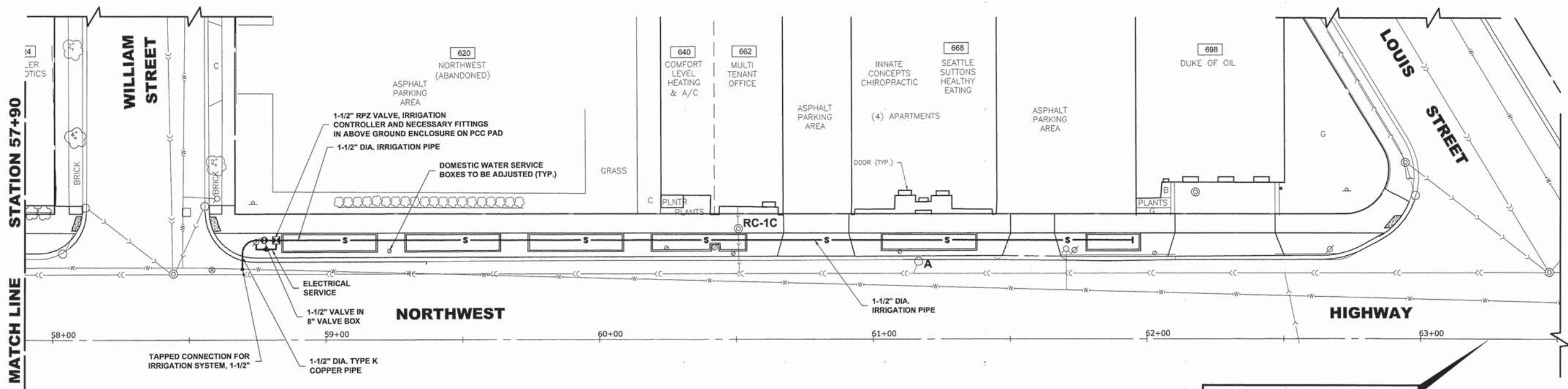
E.H.E. PROJECT NO. 555-13-14801



**NOTES:**  
SEE LEGEND ON SHEET 2 FOR SYMBOL DESCRIPTION.

**COMMERCIAL PROPERTY ACCESS:**  
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**EXISTING TOPOGRAPHY**



**OMISSION BEGINS NORTHWEST HIGHWAY STATION 63+25**

**PROPOSED IMPROVEMENT**



USER NAME - XX	DESIGNED - JGG	REVISED - XX
DRAWN - MK	REVISED - XX	
CHECKED - MDL	REVISED - XX	
DATE - 03-19-14	REVISED - XX	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**NORTHWEST HIGHWAY (US14)  
IRRIGATION AND UTILITIES PLAN**

SCALE: 1"=20' SHEET NO. 7 OF 11 SHEETS STA. 57+90 TO STA. 63+25

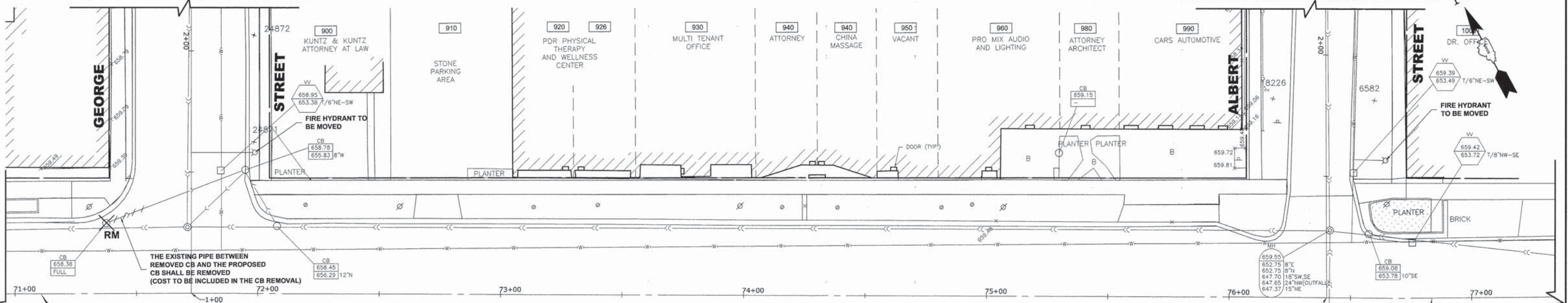
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	35
CONTRACT NO. 61A23				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 555-13-14801

Drawing file: W:\Projects\by\_Village\Mount Prospect\55513148 - NW Hwy Streetscape\NW Hwy\NW Hwy\_Utilities.dwg Mar. 19, 2014 - 1:03pm

SEE SHEET NO. 38 FOR  
GEORGE STREET IMPROVEMENTS

SEE SHEET NO. 39 FOR  
ALBERT STREET IMPROVEMENTS



OMISSION ENDS  
NORTHWEST HIGHWAY  
STATION 71+10

NORTHWEST

HIGHWAY

IMPROVEMENT ENDS  
NORTHWEST HIGHWAY  
STATION 76+82

TRENCH DRAIN SCHEDULE									
LOCATION	STA.	O/S	RIM	INVERT	⑩	75+10	8.1' LT	659.30	658.44
①	74+10	8.1' LT	659.20	658.34	⑪	75+14.5	8.1' LT	659.30	658.42
②	74+4.5	8.1' LT	659.20	658.32	⑫	75+20	8.1' LT	659.30	658.44
③	74+20	8.1' LT	659.20	658.34					
④	74+40	8.1' LT	659.25	658.39					
⑤	74+44.5	8.1' LT	659.25	658.37					
⑥	74+50	8.1' LT	659.25	658.39					
⑦	74+75	8.1' LT	659.25	658.39					
⑧	74+79.5	8.1' LT	659.25	658.37					
⑨	74+85	8.1' LT	659.25	658.39					

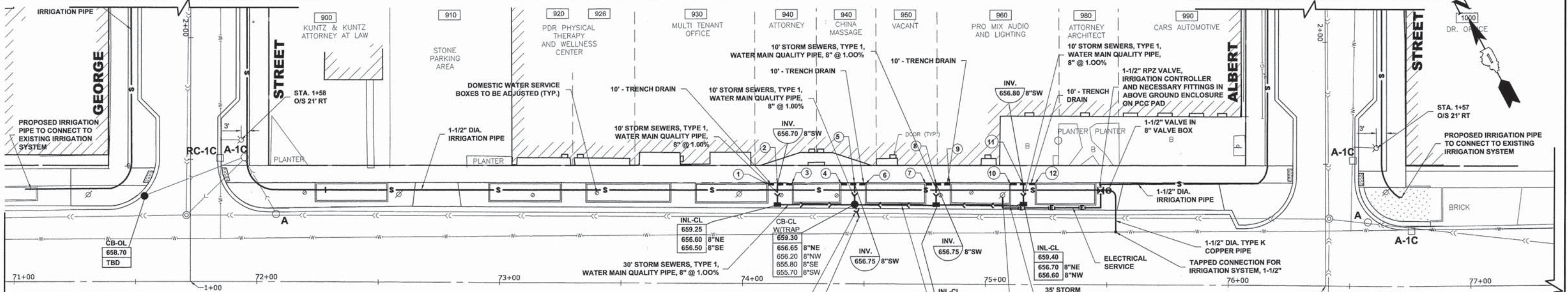
NOTE:

SEE LEGEND ON SHEET 2 FOR SYMBOL DESCRIPTION.

EXISTING  
TOPOGRAPHY

SEE SHEET NO. 38 FOR  
GEORGE STREET IMPROVEMENTS

SEE SHEET NO. 39 FOR  
ALBERT STREET IMPROVEMENTS



OMISSION ENDS  
NORTHWEST HIGHWAY  
STATION 71+10

NORTHWEST

HIGHWAY

IMPROVEMENT ENDS  
NORTHWEST HIGHWAY  
STATION 76+82

PROPOSED  
IMPROVEMENT



USER NAME - XX  
DESIGNED - JGG  
DRAWN - MK  
CHECKED - MDL  
DATE - 03-19-14

DESIGNED - JGG  
DRAWN - MK  
CHECKED - MDL  
DATE - 03-19-14

REVISED - XX  
REVISED - XX  
REVISED - XX  
REVISED - XX

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

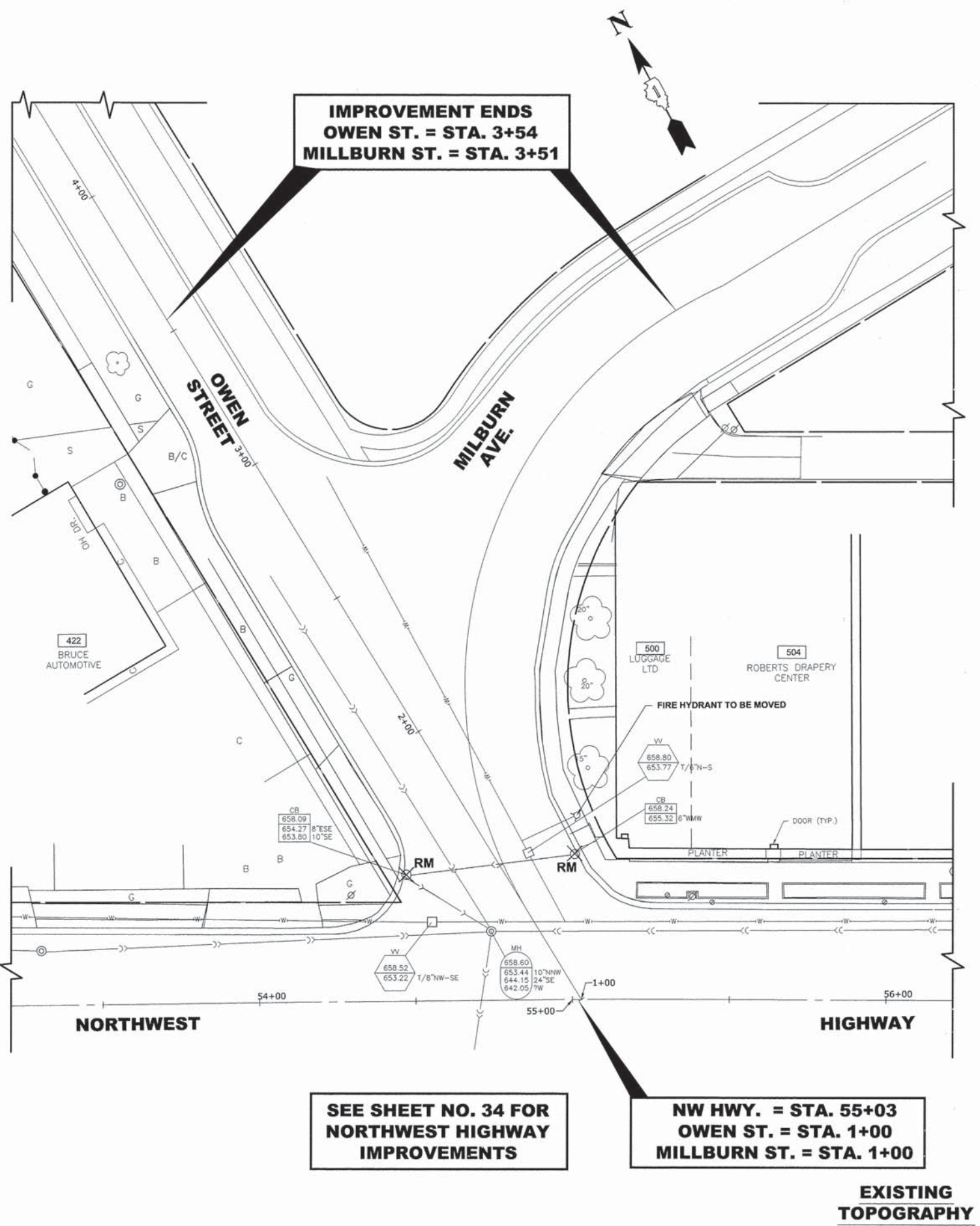
NORTHWEST HIGHWAY (US14)  
IRRIGATION AND UTILITIES PLAN

SCALE: 1"=20' SHEET NO. 8 OF 11 SHEETS STA. 71+10 TO STA. 76+80

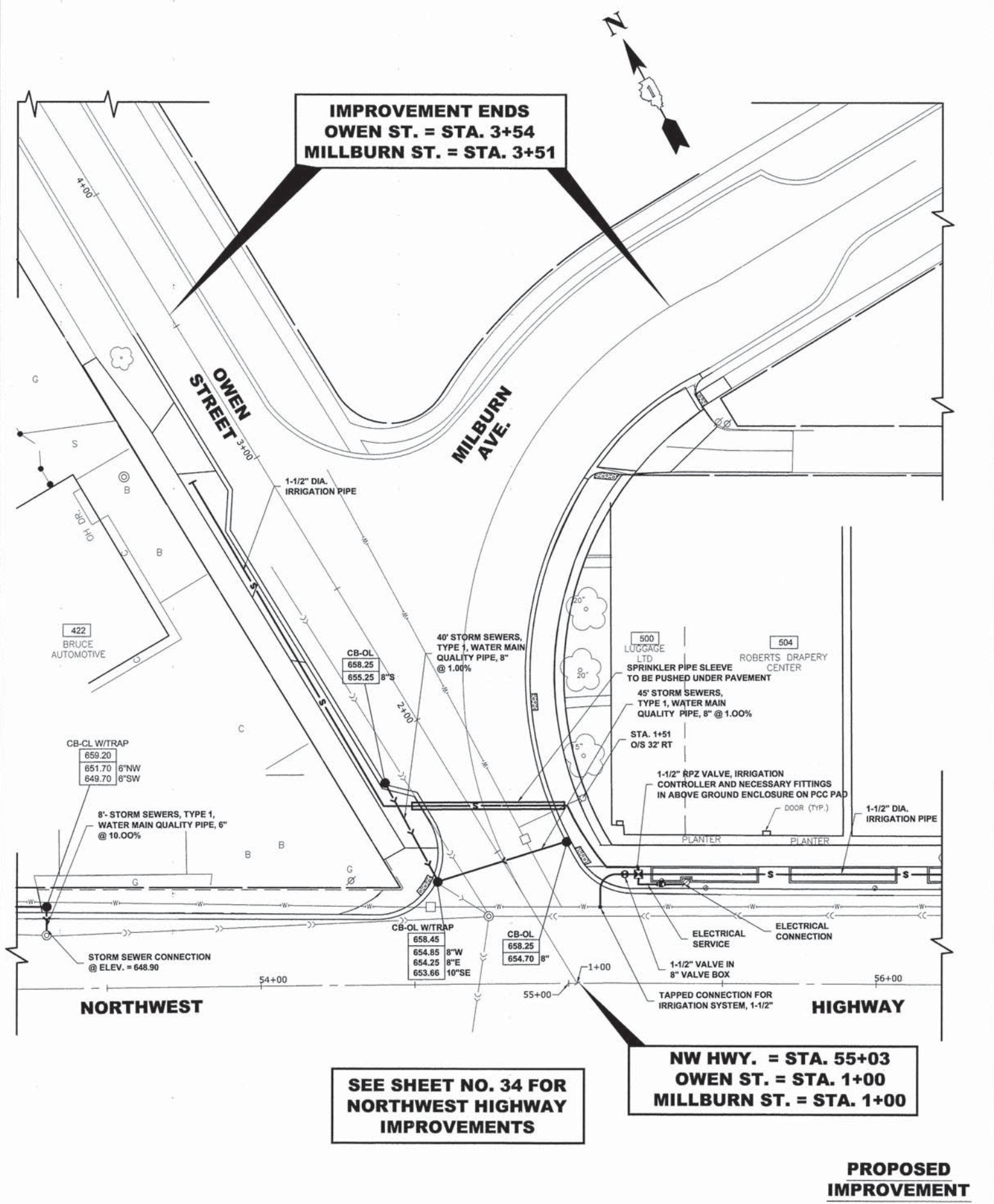
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	36
CONTRACT NO. 61A23				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 555-13-14801

Drawing file: W:\Projects\by\_Village\Mount Prospect\55513148 - NW Hwy Streetscape\NW Hwy\NW Hwy\_Improvements.dwg  
 Mar 19, 2014 - 1:07pm



**EXISTING TOPOGRAPHY**



**PROPOSED IMPROVEMENT**

<b>HANCOCK ENGINEERING</b> Civil Engineers Municipal Consultants Established 1911	USER NAME - XX	DESIGNED - JGG	REVISED - XX
	PLOT SCALE - XX	DRAWN - MK	REVISED - XX
	PLOT DATE - XX	CHECKED - MDL	REVISED - XX
		DATE - 03-19-14	REVISED - XX

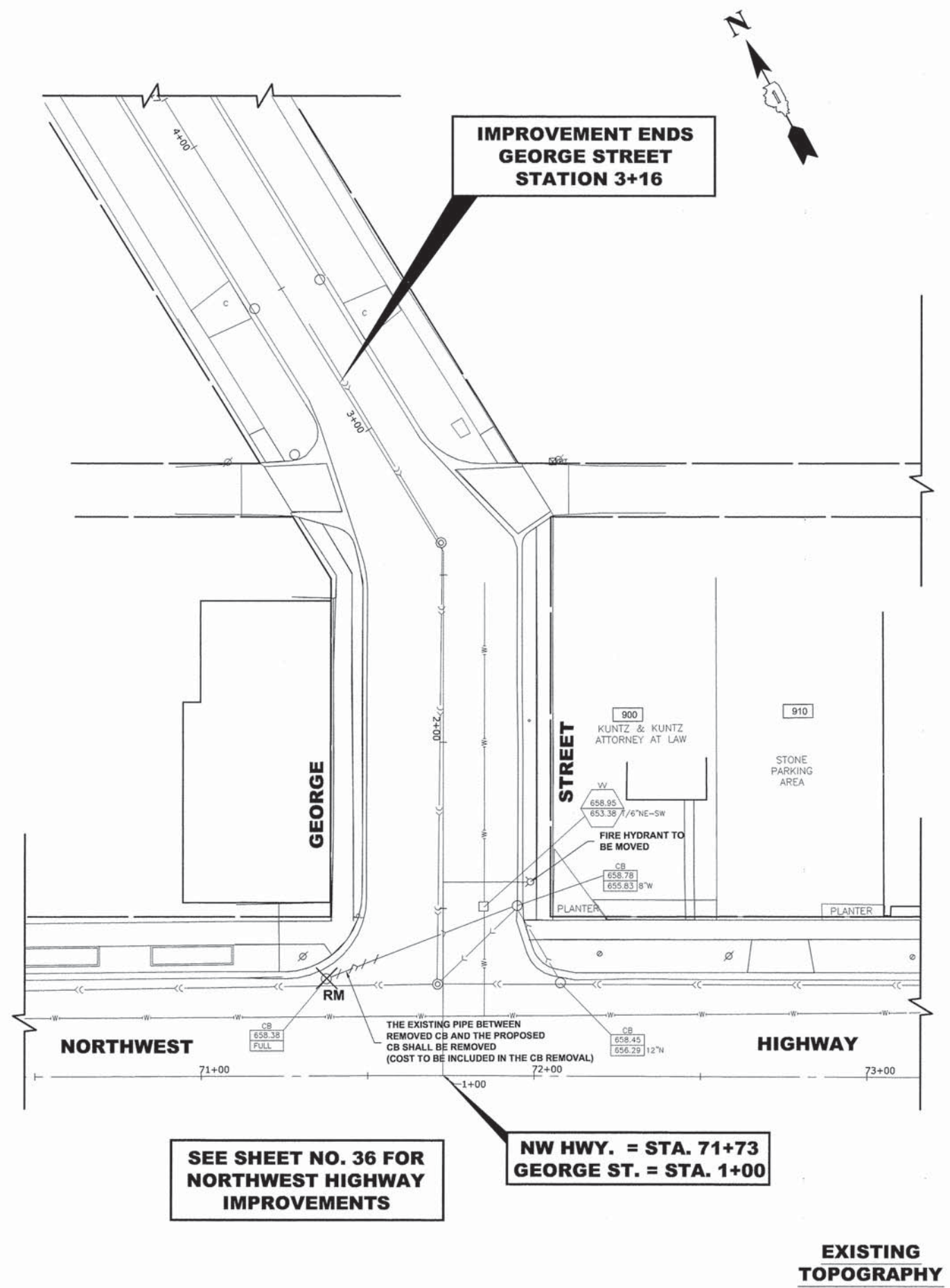
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**OWEN STREET  
 IRRIGATION AND UTILITIES PLAN**

SCALE: 1"=20'    SHEET NO. 9 OF 11 SHEETS    STA. 1+00 TO STA. 3+54

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	37
CONTRACT NO. 61A23				
FED. ROAD DIST. NO. 1    ILLINOIS FED. AID PROJECT				

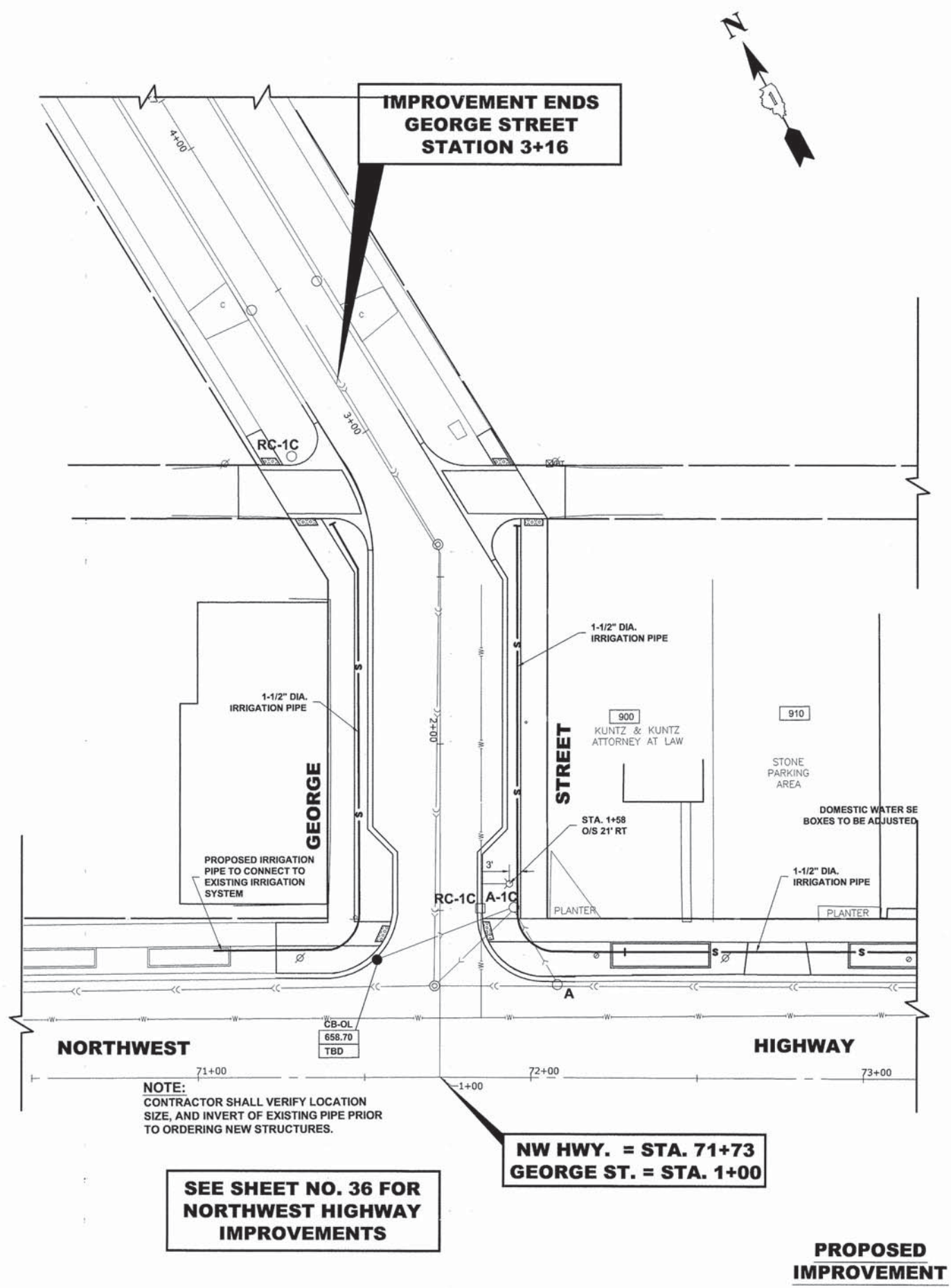
Drawing file: W:\Projects\_by\_Village\Mount Prospect\55513148 - NW Hwy\_Streetcops\NW Hwy\NW Hwy\_Improvements.dwg  
 Mar 19, 2014 - 1:08pm



**SEE SHEET NO. 36 FOR NORTHWEST HIGHWAY IMPROVEMENTS**

**NW HWY. = STA. 71+73  
GEORGE ST. = STA. 1+00**

**EXISTING TOPOGRAPHY**



**SEE SHEET NO. 36 FOR NORTHWEST HIGHWAY IMPROVEMENTS**

**NW HWY. = STA. 71+73  
GEORGE ST. = STA. 1+00**

**PROPOSED IMPROVEMENT**

**NOTE:**  
CONTRACTOR SHALL VERIFY LOCATION SIZE, AND INVERT OF EXISTING PIPE PRIOR TO ORDERING NEW STRUCTURES.

**HANCOCK ENGINEERING**  
 Civil Engineers  
 Municipal Consultants  
 Established 1911

USER NAME - XX	DESIGNED - JGG	REVISED - XX
PLOT SCALE - XX	DRAWN - MK	REVISED - XX
PLOT DATE - XX	CHECKED - MDL	REVISED - XX
	DATE - 03-19-14	REVISED - XX

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

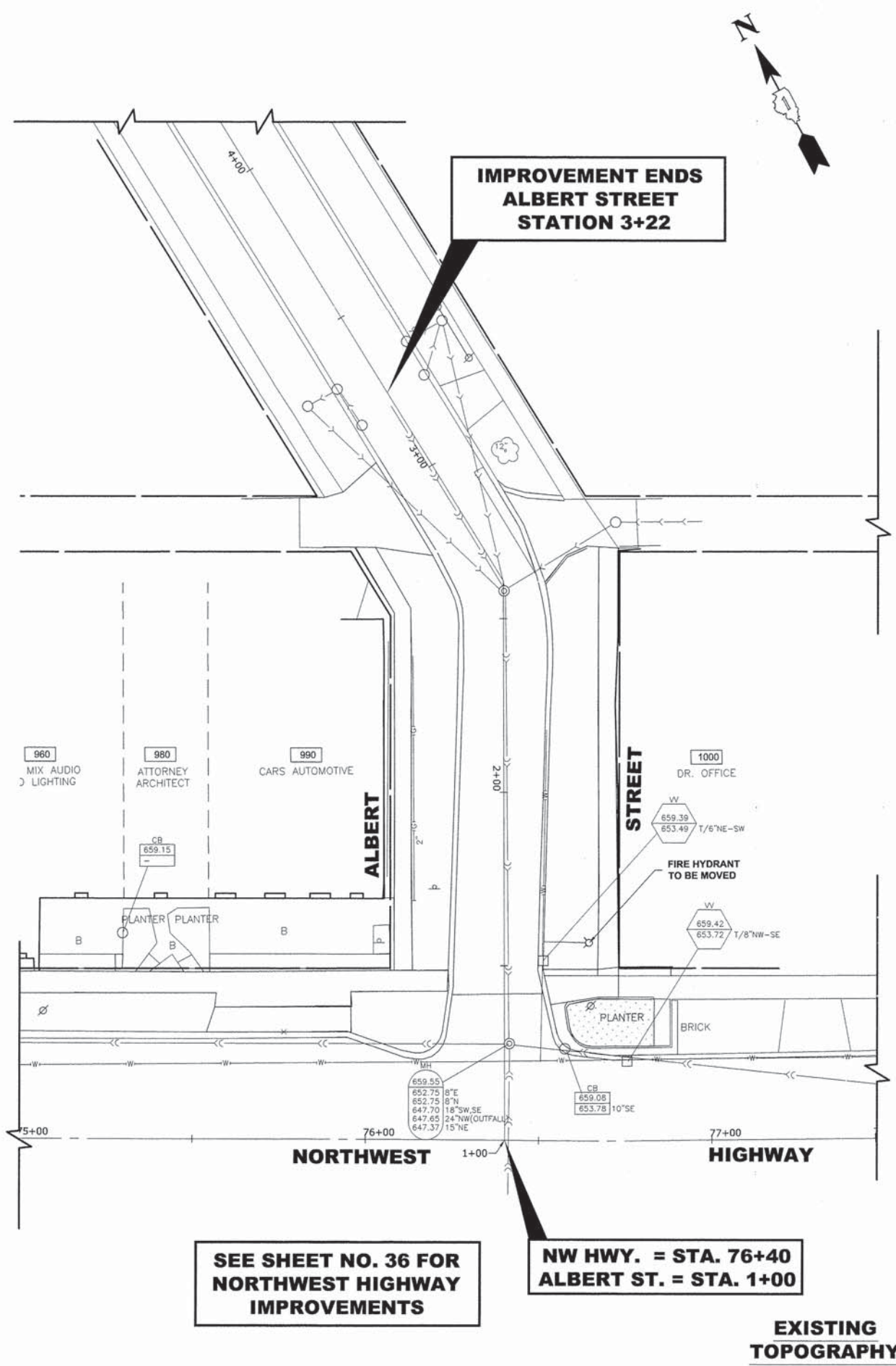
**GEORGE STREET  
IRRIGATION AND UTILITIES PLAN**

SCALE: 1"=20' SHEET NO. 10 OF 11 SHEETS STA. 1+00 TO STA. 3+16

F.A.U. RTE. 3612	SECTION 13-00160-00-SW	COUNTY COOK	TOTAL SHEETS 50	SHEET NO. 38
CONTRACT NO. 61A23				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 555-13-14801

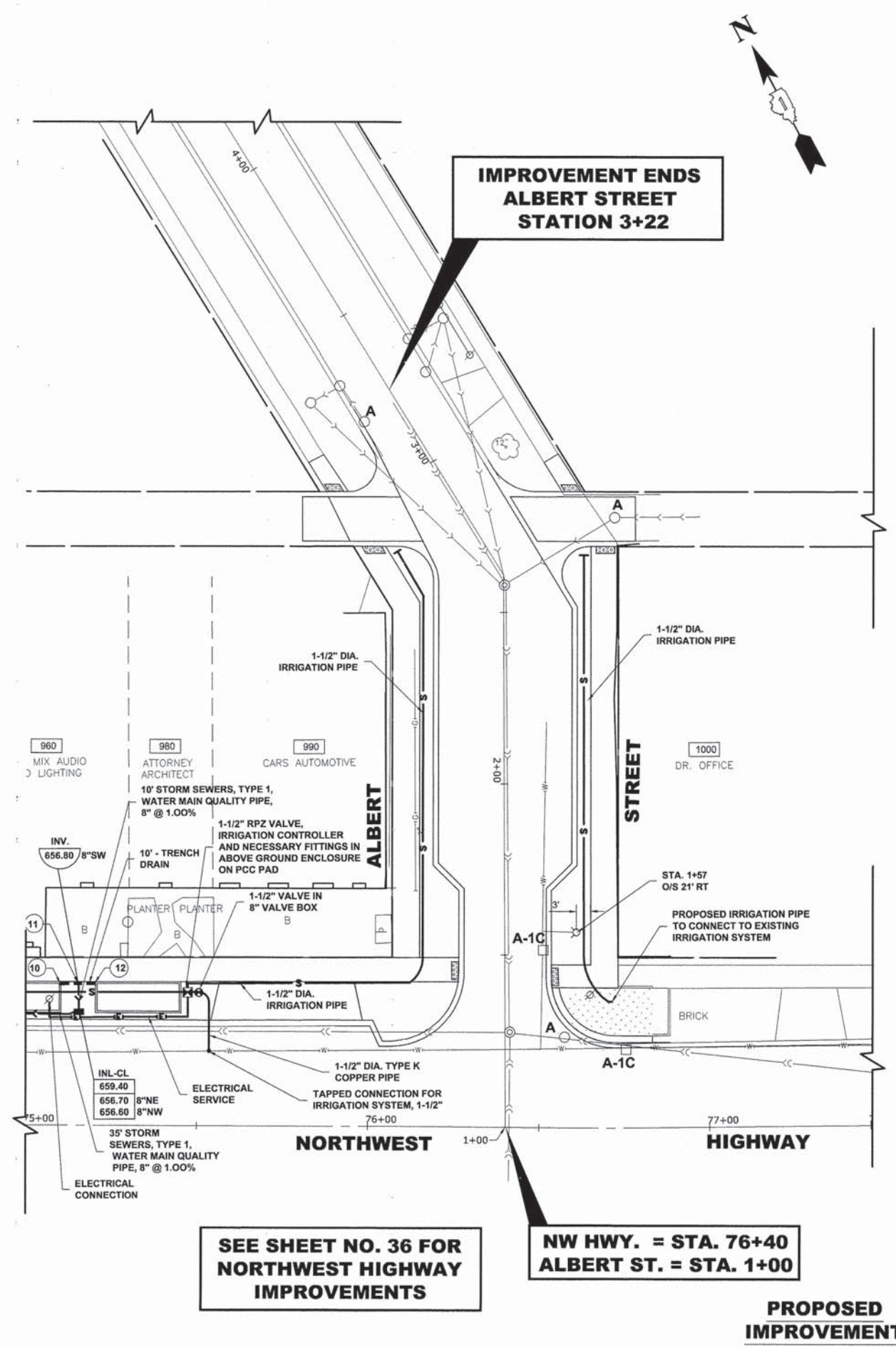
Drawing file: W:\Projects\by\_Village\Mount Prospect\55513148 - NW Hwy\_StreetScope\_VW Hwy\_NW\_Hwy\_Improvements.dwg  
 Mar 19, 2014 - 1:10pm



**SEE SHEET NO. 36 FOR NORTHWEST HIGHWAY IMPROVEMENTS**

**NW HWY. = STA. 76+40  
ALBERT ST. = STA. 1+00**

**EXISTING TOPOGRAPHY**



**SEE SHEET NO. 36 FOR NORTHWEST HIGHWAY IMPROVEMENTS**

**NW HWY. = STA. 76+40  
ALBERT ST. = STA. 1+00**

**PROPOSED IMPROVEMENT**



USER NAME -	XX	DESIGNED -	JGG	REVISED -	XX
		DRAWN -	MK	REVISED -	XX
PLOT SCALE -	XX	CHECKED -	MDL	REVISED -	XX
PLOT DATE -	XX	DATE -	03-19-14	REVISED -	XX

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ALBERT STREET  
IRRIGATION AND UTILITIES PLAN**

SCALE: 1"=20'    SHEET NO. 11 OF 11 SHEETS    STA. 1+00 TO STA. 3+22

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	39
CONTRACT NO. 61A23				
FED. ROAD DIST. NO. 1    ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 555-13-14801

**M.W.R.D.G.C. GENERAL NOTES**

1. THE MWRD SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF WORK AT (708) 588-4055.
2. ELEVATION DATUM IS U.S.G.S.
3. ALL FLOOR DRAINS SHALL DISCHARGE TO THE SANITARY SEWER SYSTEM (NO FLOOR DRAINS PROPOSED).
4. ALL DOWNSPOUTS AND FOOTING DRAINS SHALL DISCHARGE INTO THE STORM SEWER SYSTEM (NO DOWNSPOUTS AND FOOTING DRAINS PROPOSED).
5. ALL PVC STORM, COMBINED, AND SANITARY SEWER PIPE JOINTS SHALL CONFORM TO ASTM D-3139. ALL PVC SEWER PIPE 12" IN DIAMETER OR LESS SHALL CONFORM TO ASTM D-2241 (WATER QUALITY PIPE). ALL PVC SEWER PIPE 15" OR GREATER SHALL CONFORM TO ASTM D-3034. ALL PVC SEWER PIPE SHALL BE SDR 26.
6. ALL SANITARY SEWER CONSTRUCTION, AND ALSO STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS, REQUIRES STONE BEDDING 1/4" TO 1" IN SIZE, WITH A MINIMUM THICKNESS EQUAL TO 1/4 THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR INCHES (4") NOR MORE THAN EIGHT INCHES (8"). MATERIAL SHALL BE CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12" ABOVE THE TOP OF THE PIPE WHEN USING PVC PIPE.
7. NON-SHEAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPE OF DISSIMILAR MATERIALS.
8. WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:
  - 1) CIRCULAR SAW-CUT OF SEWER MAIN BY MECHANICAL CORING MACHINE, AND PROPER INSTALLATION OF HUB-WYE SADDLE OR HUB-TEE SADDLE, IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
  - 2) REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION. AFTER THE WYE OR TEE BRANCH IS INSERTED, CONCRETE SHALL BE PLACED OVER THE BROKEN AREA TO A MINIMUM THICKNESS OF 4" AND TO A DIMENSION OF 8" IN ALL DIRECTIONS.
  - 3) USING PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING. USE "BAND SEAL" OR SIMILAR COUPLINGS TO HOLD FIRMLY IN PLACE. FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR THE INSTALLATION.
9. WHEREVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATER MAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATERMANS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSITE SIDE ON BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED ABOVE CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATERMAIN, THE SEWER SHALL BE CONSTRUCTED WATERMAIN STANDARDS.
10. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.
11. ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH A MINIMUM OF TWO (2) FEET LONG CONCRETE/MORTAR PLUG.
12. ALL INLET AND OUTLET PIPES OF SANITARY SEWER MANHOLES AND OTHER UNDERGROUND STRUCTURES (IN COMBINED SEWER AREAS, ALSO INCLUDED ARE ALL COMBINED/STORM SEWER MANHOLES, CATCH BASINS, INLETS, AND UNDERGROUND DETENTION STORAGE STRUCTURES) SHALL BE JOINED WITH WATERTIGHT FLEXIBLE RUBBER CONNECTORS CONFORMING TO ASTM C-443 AND C-923 WITH STAINLESS STEEL BAND.
13. THE MAXIMUM ALLOWABLE INFILTRATION OR EX-FILTRATION IS 100 GAL/DAY/MILE/INCH DIA. OF SEWER PIPE.
14. EXCEPT FOR FOUNDATION/FOOTING DRAINS PROVIDED TO PROTECT BUILDINGS, DRAIN TILES/FIELD TILES/UNDERDRAINS/PERFORATED PIPES ARE NOT ALLOWED TO BE CONNECTED TO OR TRIBUTARY TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS IN COMBINED SEWERED AREAS. CONSTRUCTION OF NEW FACILITIES OF THIS TYPE IS PROHIBITED; AND ALL EXISTING DRAIN TILES AND PERFORATED PIPES ENCOUNTERED WITHIN THE PROJECT AREA SHALL BE PLUGGED OR REMOVED, AND SHALL NOT BE CONNECTED TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS.

**DRAINAGE AND UTILITIES NOTES**

THE LOCATIONS OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, COMBINED SEWERS, TELEPHONE LINES, COMMUNICATION LINES, ELECTRIC LINES, GAS MAINS, AND WATER SERVICES ARE APPROXIMATE AND THEIR SPECIFIC LOCATIONS ARE TO BE DETERMINED IN THE FIELD AT NO COMPENSATION TO THE CONTRACTOR.

COORDINATION OF ALL UTILITY WORK INVOLVED WITHIN THE CONSTRUCTION AREAS SHALL BE SUBJECT TO DISCUSSION AND CLARIFICATION AT A PRECONSTRUCTION MEETING.

WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINAGE STRUCTURES OR SEWERS UNTIL PERMANENT CONNECTIONS TO SEWERS ARE BUILT AND IN SERVICE. THIS WORK SHALL BE PAID FOR AS TEMPORARY DRAINAGE CONNECTIONS.

IF, DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIALS ARE DEPOSITED IN THE FLOW LINES OF GUTTERS OR DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE OBSTRUCTING MATERIALS SHALL BE REMOVED AT THE CLOSE OF EACH WORK DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES ARE TO BE FREE OF ALL DIRT, DEBRIS, AND OBSTRUCTING MATERIALS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCIDENTAL TO THE CONTRACT.

ALL COSTS INVOLVED IN CONNECTING PROPOSED STORM SEWERS AND STORM STRUCTURES TO EXISTING STORM SEWERS OR PROPOSED STORM SEWERS SHALL BE CONSIDERED INCLUDED IN THE COST OF PROPOSED ITEMS BEING CONSTRUCTED.

THE CONTRACTOR SHALL VERIFY THE TYPE OF ANY WATER MAIN HARDWARE INCLUDING VALVES, FIRE HYDRANTS, VALVE BOXES, CORPORATION STOPS, CURB STOPS, AND WATER SERVICES BOXES WITH THE UTILITY SUPERINTENDENT PRIOR TO ORDERING SUCH MATERIAL.

THE TYPE OF FRAMES AND GRATES REQUIRED FOR ALL CATCH BASINS AND MANHOLES LISTED IN THE SUMMARY OF QUANTITIES MAY BE FOUND ON THE PLANS AT THEIR RESPECTIVE LOCATIONS. WHERE LIDS ARE CALLED FOR ON THE PLANS, THEY SHALL BE IN ACCORDANCE WITH ARTICLE 604.01 OF THE STANDARD SPECIFICATIONS AND THE TERM LID IS USED IN LIEU OF GRATE.

ON ALL IMPROVEMENTS, THE FRAMES AND LIDS OF EXISTING CATCH BASINS, INLETS, MANHOLES, AND VALVE VAULTS WHICH ARE TO BE ABANDONED DUE TO CONSTRUCTION OF THIS IMPROVEMENT ARE TO REMAIN THE PROPERTY OF THE VILLAGE OF MOUNT PROSPECT AND BE SALVAGED. THE CONTRACTOR IS TO DELIVER FRAMES AND LIDS TO THE VILLAGE'S PUBLIC WORKS YARD.

ANY COSTS FOR SHEETING OR SHORING REQUIRED FOR THE STORM SEWER INSTALLATION OR OTHER CONSTRUCTION ELEMENTS REQUIRING RELATIVELY DEEP EXCAVATIONS SHALL BE INCLUDED IN THE PARTICULAR PAYMENT ITEM AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY SUPPLEMENTAL WORK ASSOCIATED WITH THE MAINTENANCE OF TRENCH SIDES OR OTHER EXCAVATED AREAS.

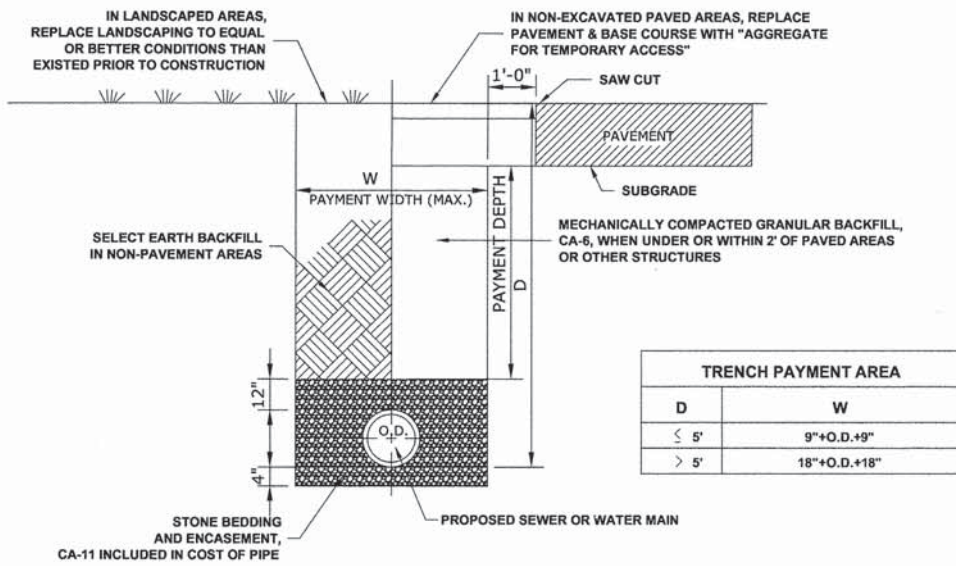
UNLESS OTHERWISE SPECIFIED, ABANDONED SEWERS AND DRAINS, AS DESIGNATED BY THE ENGINEER, SHALL BE PLUGGED WITH CLASS "SI" CONCRETE OR BRICK AND SUITABLE MORTAR TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE PAY ITEMS FOR REMOVING AND/OR FILLING THE VARIOUS TYPES OF STRUCTURES.

SEWER PIPE INSTALLED ON THIS PROJECT SHALL CONFORM TO THE FOLLOWING STANDARD:

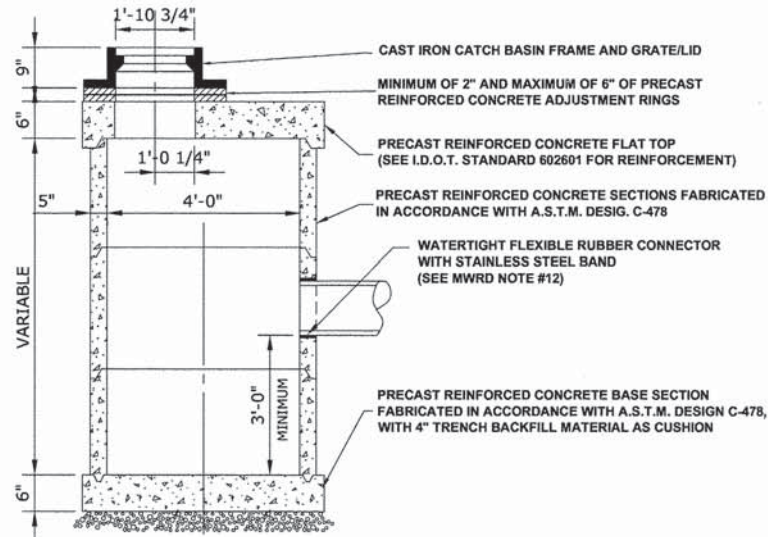
TYPE OF PIPE	MATERIAL STANDARD	JOINT STANDARD
REINFORCED CONCRETE PIPE	ASTM C-76	ASTM C-443
POLYVINYLCHLORIDE PIPE, SDR 26	ASTM D-2241	ASTM D-3139
DUCTILE IRON PIPE, CLASS 52	ASTM A-21.51	ASTM A-21.11

**PVC PIPE SPECIFICATIONS**

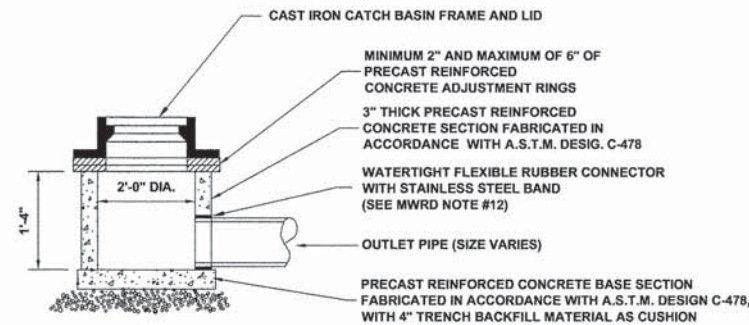
1. ALL PVC SEWER PIPE 12" DIAMETER OR LESS SHALL HAVE A MINIMUM STANDARD DIMENSION RATIO (SDR) OF 26 AND SHALL CONFORM TO ASTM DESIGNATION D-2241 (WATER QUALITY PIPE)
2. THE JOINTS SHALL BE RUBBER GASKET AND CONFORM TO ASTM DESIGNATIONS D-3139 AND F-447.



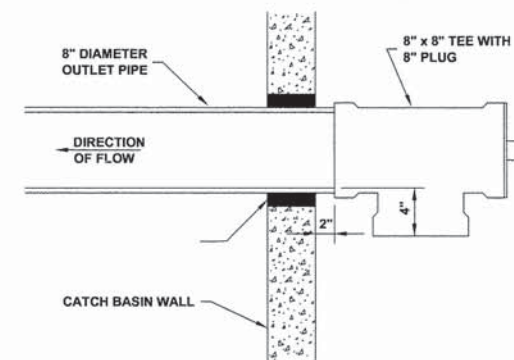
**TYPICAL SEWER TRENCH DETAIL**



**CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 1 FRAME, SPECIAL**



**INLET, TYPE A, SPECIAL**



**8" x 8" CATCH BASIN TRAP**

Nov 04, 2014 - 8:35am

Drawing file: W:\Projects\by\_Village\Mount Prospect\50513148 - NW Hwy Streetscape\W Hwy\10-41\_Drainage-Details.dwg



USER NAME - XX	DESIGNED - JGG	REVISED - XX
PLOT SCALE - XX	DRAWN - MK, DMM	REVISED - XX
PLOT DATE - XX	CHECKED - MDL	REVISED - XX
	DATE - 05-14-14	REVISED - XX

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

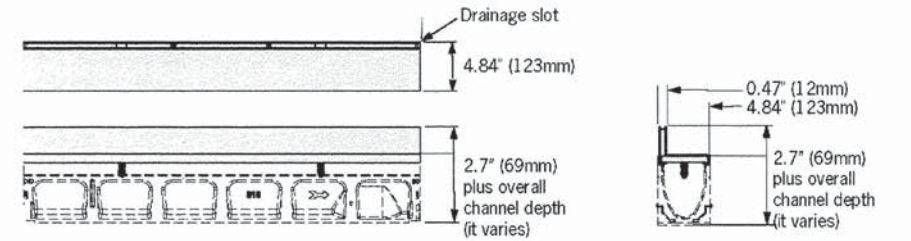
**DRAINAGE AND UTILITIES DETAILS**

SCALE: NONE SHEET NO. 1 OF 2 SHEETS STA. TO STA.

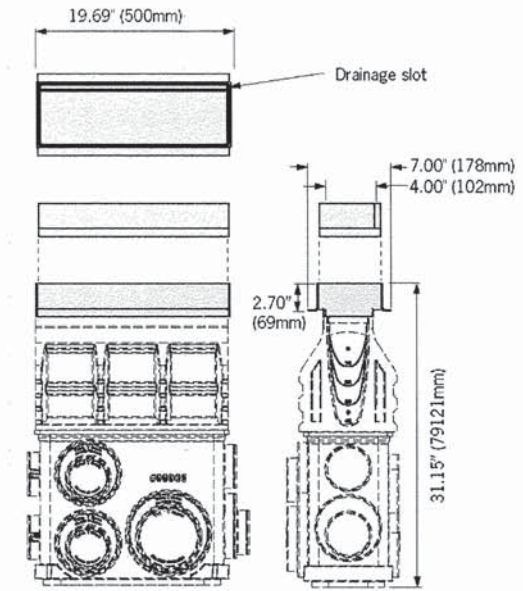
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	40
CONTRACT NO. 61A23				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

ELE PROJECT NO. 555 43 4894

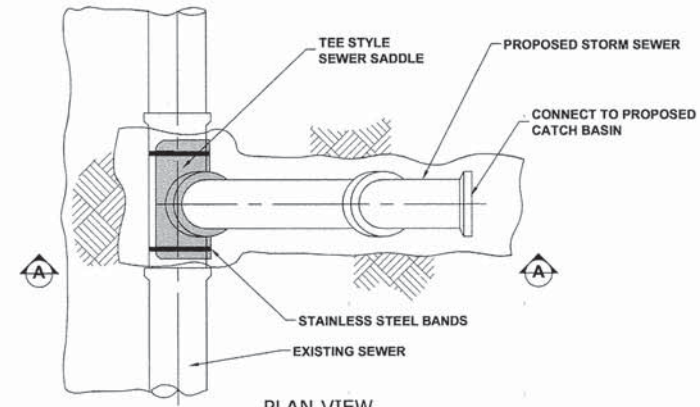




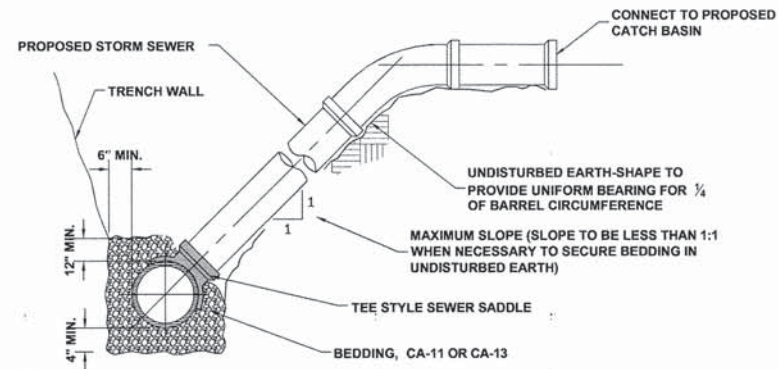
Access unit (must be used with catch basin and can also be used with channels)



TRENCH DRAIN

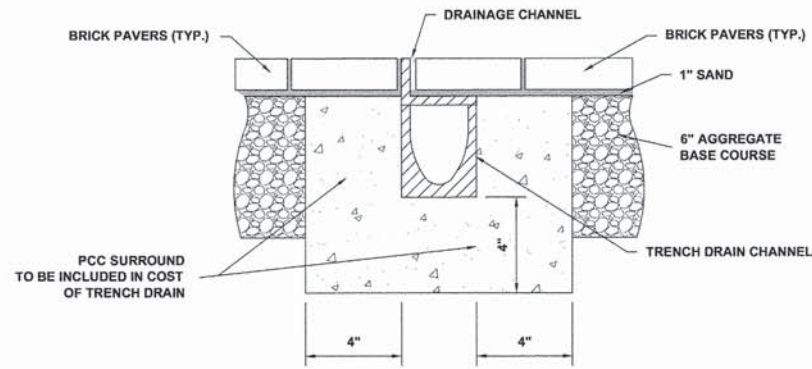


PLAN VIEW

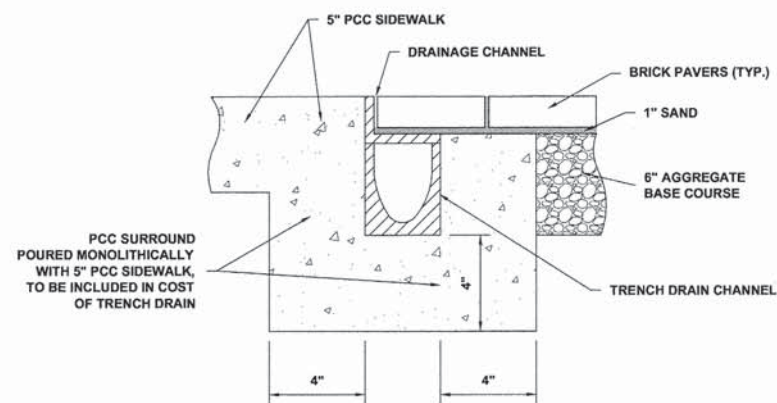


SECTION A-A

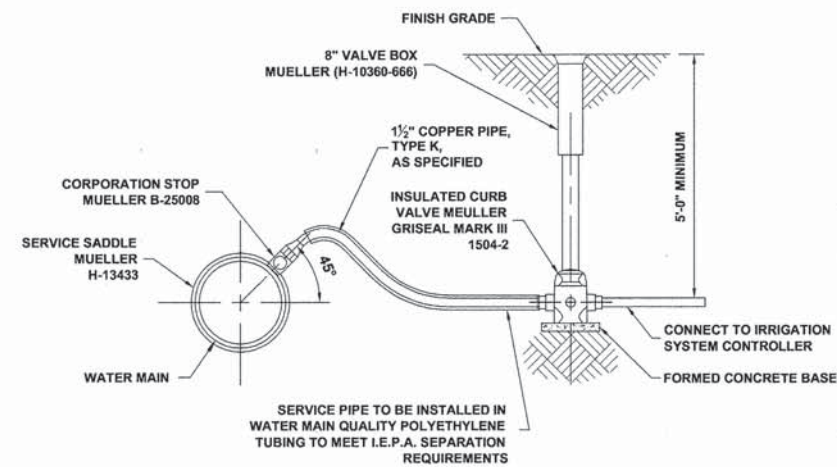
CONNECTION TO EXISTING SEWER



TRENCH DRAIN ADJACENT TO PAVING BRICK SIDEWALK

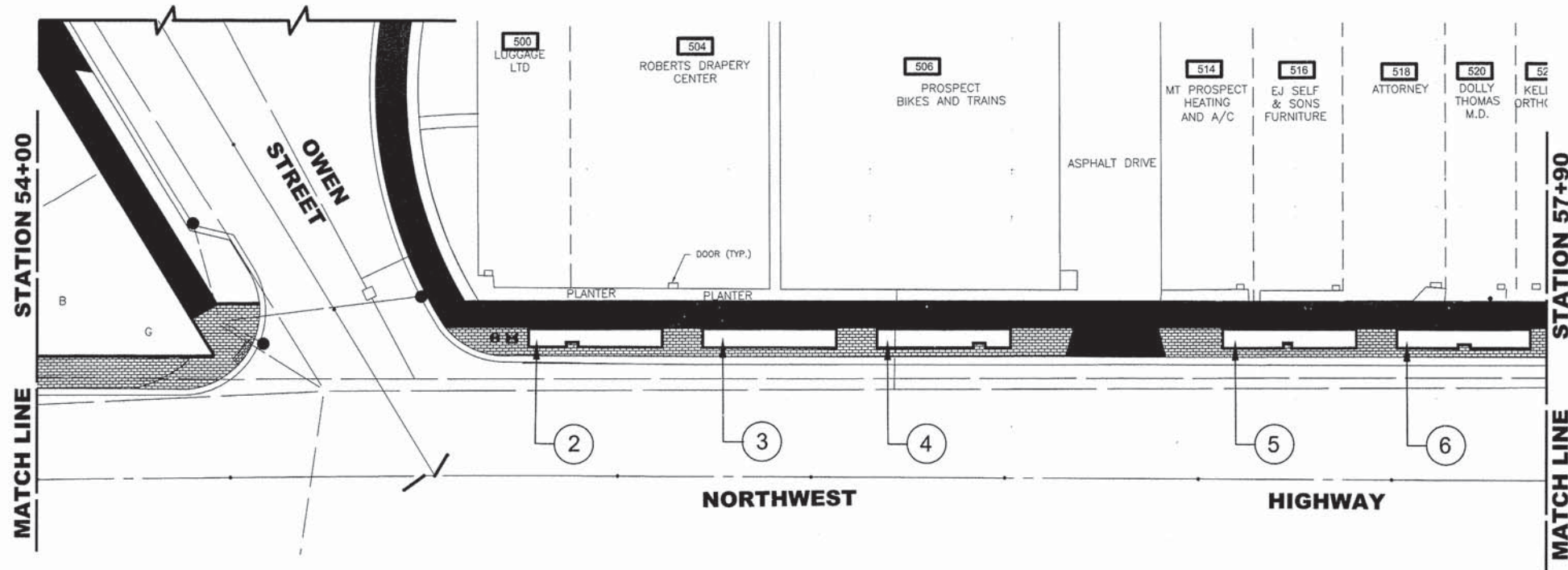
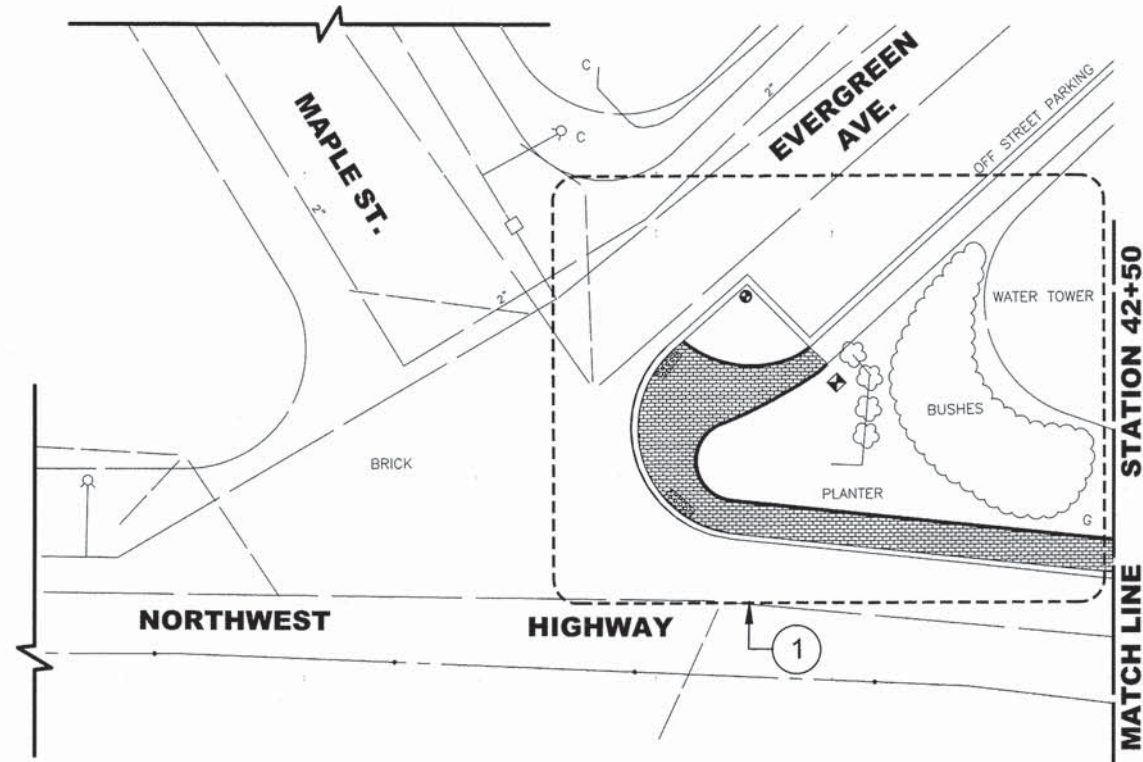


TRENCH DRAIN ADJACENT TO PCC SIDEWALK



WATER SERVICE TAP FOR IRRIGATION SYSTEM

Drawing File: \\p\proj\14\14000\14000.dwg; Project: Northwest Highway; Date: 03-24-14; Scale: 1"=20'; Sheet: 42 of 42

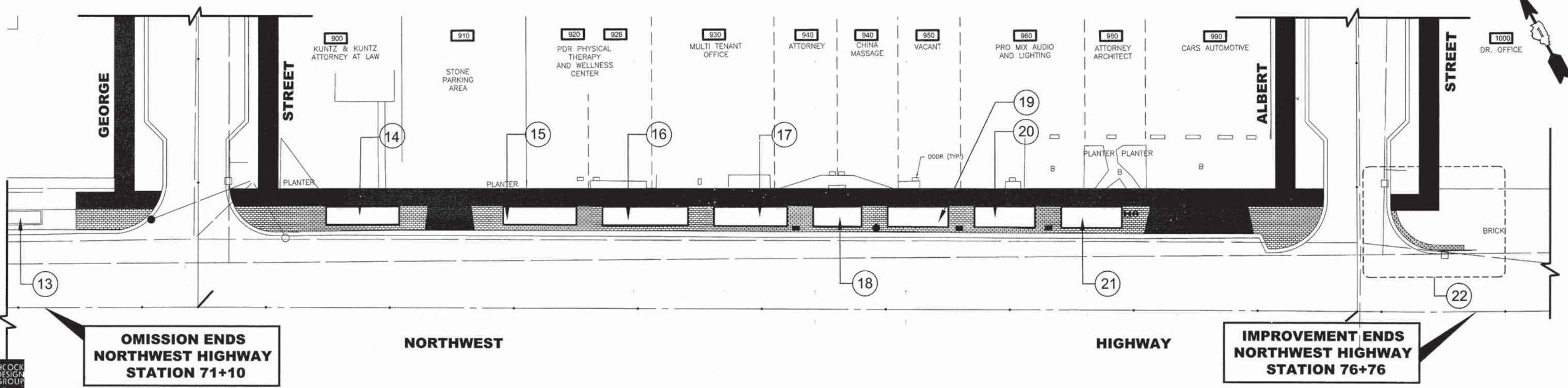
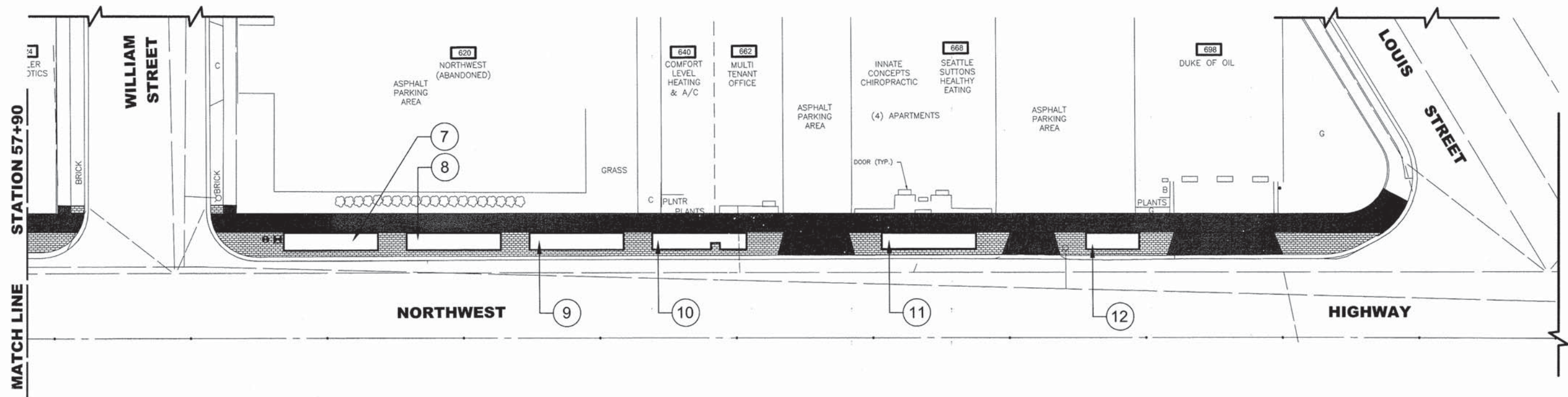


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F 312.634.2101  
hitchcockdesigngroup.com



	USER NAME - XX	DESIGNED - TCK	REVISED - XX	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>NORTHWEST HIGHWAY (US 14)</b> <b>LANDSCAPE PLAN</b>		F.A.U. RTE. 3612	SECTION 13-00160-00-SW	COUNTY COOK	TOTAL SHEETS 50	SHEET NO. 42
	PLOT SCALE - XX	CHECKED - TCK	REVISED - XX		SCALE: 1" = 20'	SHEET NO. OF SHEETS	STA. 42+50 TO STA. 57+90	CONTRACT NO. 61A23		ILLINOIS FED. AID PROJECT	
Municipal Consultants 	PLOT DATE - XX	DATE - 03-24-14	REVISED - XX					E.H.E. PROJECT NO. 555-13-14801			

Drawing title: \\proj\proj\13-00160-00-SW\13-00160-00-SW-Landscape Plan.dwg    Date: 03-24-14    11:03am



**HANCOCK ENGINEERING**  
 Civil Engineers  
 Municipal Consultants  
 Established 1911

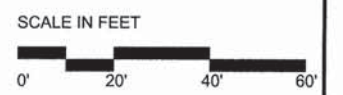
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DRAWN - SMM, JLP	CHECKED - TCK	REVISED - STATE OF ILLINOIS
PLOT SCALE - XX	DATE - 03-24-14	REVISED - XX
PLOT DATE - XX		REVISED - XX

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

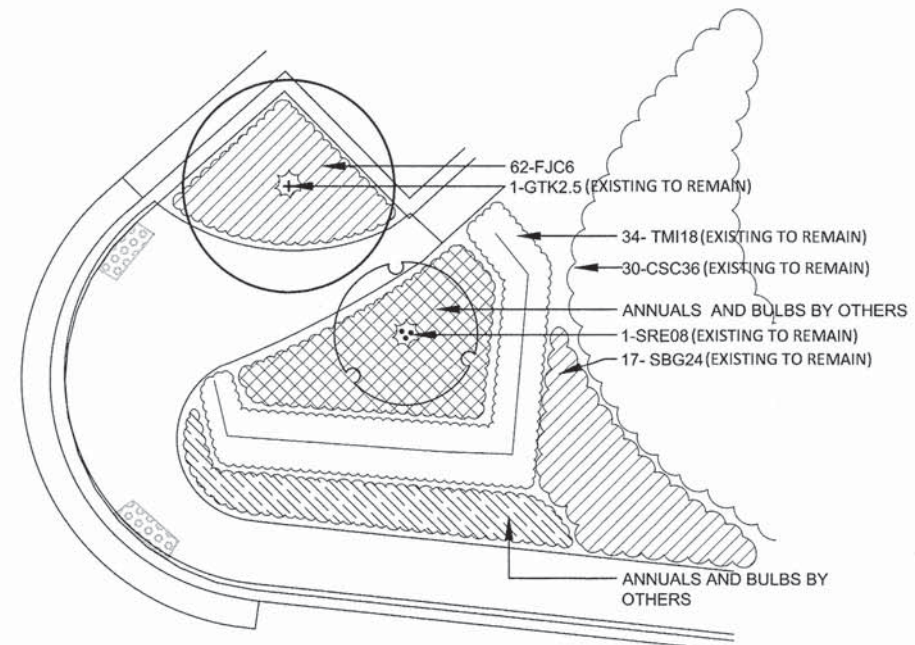
**NORTHWEST HIGHWAY (US 14)**  
**LANDSCAPE PLAN**

SCALE: 1" = 20'    SHEET NO.    OF    SHEETS    STA. 57+90    TO STA. 76+76

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	43
CONTRACT NO. 61A23				
ILLINOIS FED. AID PROJECT				

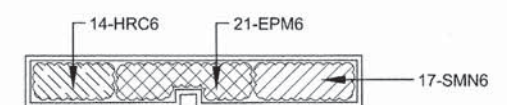


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 Mar 16, 2014 - 11:02am



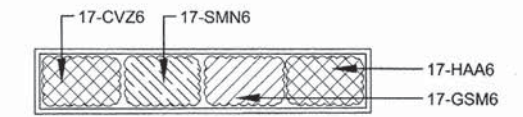
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Scale: 1" = 10'-0"



5

Scale: 1" = 10'-0"



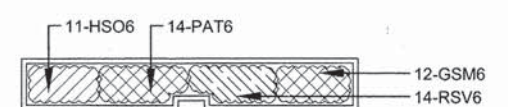
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Scale: 1" = 10'-0"



2

Scale: 1" = 10'-0"



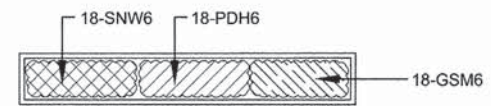
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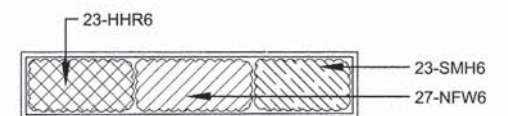
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Scale: 1" = 10'-0"



3

Scale: 1" = 10'-0"



7

Scale: 1" = 10'-0"



11

Scale: 1" = 10'-0"



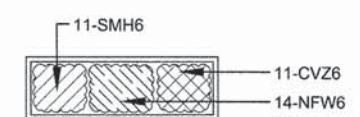
4

Scale: 1" = 10'-0"



8

Scale: 1" = 10'-0"



12

Scale: 1" = 10'-0"



**HANCOCK ENGINEERING**  
 Civil Engineers  
 Municipal Consultants  
 Established 1911

USER NAME - XX	DESIGNED - TCK	REVISED - XX
PLOT SCALE - XX	DRAWN - SMM, JLP	REVISED - STATE OF ILLINOIS
PLOT DATE - XX	CHECKED - TCK	REVISED - XX
	DATE - 03-24-14	REVISED - XX

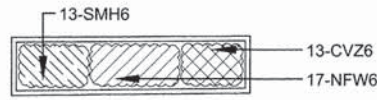
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**NORTHWEST HIGHWAY (US 14)**  
**LANDSCAPE PLAN**  
 SCALE: 1" = 10' SHEET NO. OF SHEETS STA. TO STA.

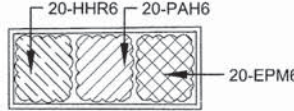
F.A.U. RTE. 3612	SECTION 13-00160-00-SW	COUNTY COOK	TOTAL SHEETS 50	SHEET NO. 44
CONTRACT NO. 61A23				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

**HITCHCOCK DESIGN GROUP**  
  
 180 N. Wacker Drive  
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 hitchcockdesigngroup.com

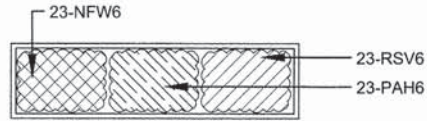
E.H.E. PROJECT NO. 555-13-14801



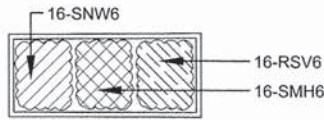
13 Scale: 1" = 10'-0"



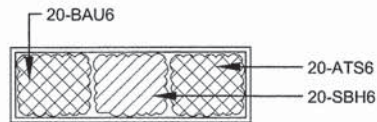
18 Scale: 1" = 10'-0"



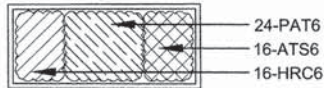
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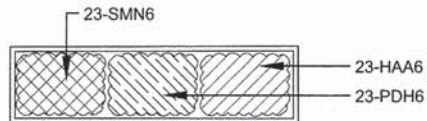
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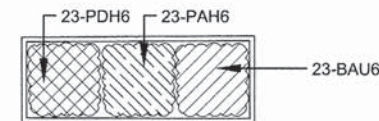
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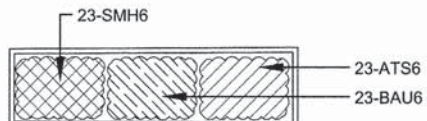
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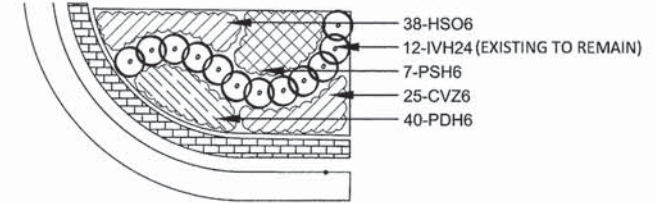
16 Scale: 1" = 10'-0"



21 Scale: 1" = 10'-0"



17 Scale: 1" = 10'-0"



22 Scale: 1" = 10'-0"

PLANT MATERIALS LIST

CODE	SIZE	QTY
<b>SHADE TREES (EXISTING)</b>		
GTK2.5	GLEDTISIA TRIACANTHOS VAR. INERMIS 'SKYLINE' SKYLINE THORNLESS HONEYLOCUST	2-1/2" C - 1
<b>INTERMEDIATE TREES (EXISTING)</b>		
SRE.08	SYRINGA RETICULATA 'IVORY SILK' IVORY SILK JAPANESE TREE LILAC	18" HT - 1
<b>DECIDUOUS TREES (EXISTING)</b>		
CSC36	CORNUS SERICEA 'CARDINAL' CARDINAL REDOSIER DOGWOOD	36" HT - 30
IVH24	ITEA VIRGINICA 'HENRY'S GARNET' HENRY'S GT. VIRGINIA SWEETSPIRE	24" HT - 12
SBG24	SPIRAEA X BUMALDA 'GOLD FLAME' GOLD FLAME BUMALD SPIREA	24" HT - 17
<b>EVERGREEN TREES (EXISTING)</b>		
TMI18	TAXUS X MEDIA 'HICKSII' HICKS ANGLOJAP YEW	18" HT - 34
<b>PERENNIALS</b>		
ATS6	ALLIUM TANGUTICUM 'SUMMER BEAUTY' SUMMER BEAUTY ORNAMENTAL CHIVE	1 GAL 101
BAU6	BAPTISIA AUSTRALIS ' ' BLUE FALSE INDIGO	1 GAL 66
CVZ6	COREOPSIS VERTICILLATA 'ZAGREB' ZAGREB THREADLEAF COREOPSIS	1 GAL 66
EPM6	ECHINACEA PURPUREA 'MAGNUS' MAGNUS PURPLE CONEFLOWER	1 GAL 41
FJC6	FALLOPIA JAPONICA JAPANESE FLEECE FLOWER	1 GAL 62
GSM6	GERANIUM SANGUINEUM 'MAX FREI' MAX FREI BLOODY CRANESBILL	1 GAL 64
HAA6	HEMEROCALLIS 'CHICAGO APACHE' CHICAGO APACHE DAYLILY	1 GAL 57
HHR6	HEMEROCALLIS 'HAPPY RETURNS' HAPPY RETURNS DAYLILY	1 GAL 70
HRC6	HEMEROCALLIS 'ROCKET CITY' ROCKET CITY DWARF DAYLILY	1 GAL 45
HSO6	HEMEROCALLIS 'STELLA DE ORO' STELLA DE ORO DWARF DAYLILY	1 GAL 49
NFW6	NEPETA X FAASSENII 'WALKER'S LOW' WALKER'S LOW CATMINT	1 GAL 115
PSH6	PANICUM VIRGATUM 'SHENANDOAH' SHENANDOAH SWITCH GRASS	1 GAL 7
PAH6	PENNISETUM ALOPECUROIDES 'HAMELIN' HAMELIN DWARF FOUNTAIN GRASS	1 GAL 66
PDH6	PENSITMON DIGITALIS 'HUSKER RED' HUSKER RED BEARD TONGUE	1 GAL 104
PAT6	PEROVSKIA ATRIPLICIFOLIA ' ' RUSSIAN SAGE	1 GAL 85
RSV6	RUDBECKIA SPECIOSA 'VIETIE'S LITTLE SUZY' VIETIE'S LITTLE SUZY BLACK-EYED SUSAN	1 GAL 103
SNW6	SALVIA NEMOROSA 'WESUME' WESUME SALVIA	1 GAL 51
SBH6	SALVIA X SYLVESTRIS 'BLUE HILL' BLUE HILL SALVIA	1 GAL 45
SMN6	SALVIA X SYLVESTRIS 'MAINACHT' MAY NIGHT SALVIA	1 GAL 57
SMH6	'STACHYS MONNIERI' 'HUMMELO' HUMMELO BETONY	1 GAL 101

PERENNIAL TOTAL 1355  
TOTAL UNITS: 13.55

NOTES:  
EXISTING TREES TO REMAIN AND SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION

ALL PERENNIALS TO BE PAID FOR AS PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT (1 UNIT = 100 PLANTS)

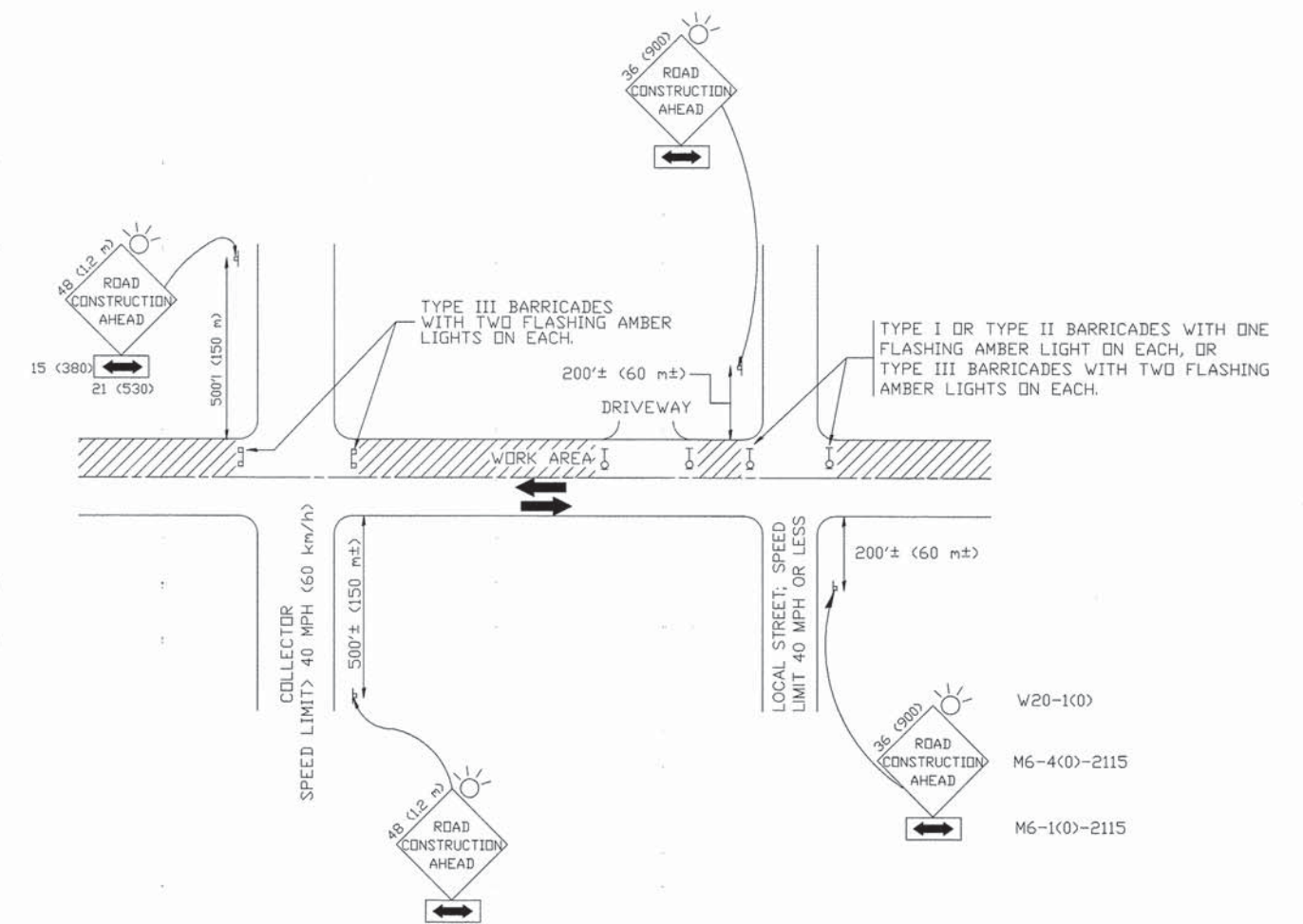
ALL PERENNIALS TO BE PLANTED 18 INCHES ON CENTER.

ANNUALS AND BULBS BY OTHERS



<b>HANCOCK ENGINEERING</b> Civil Engineers Municipal Consultants Established 1911	USER NAME - XX DESIGNED - TCK DRAWN - SMM, JLP CHECKED - TCK PLOT DATE - XX	REVISED - XX REVISED - STATE OF ILLINOIS REVISED - XX REVISED - XX	NORTHWEST HIGHWAY (US 14) LANDSCAPE PLAN	F.A.U. RTE. 3612	SECTION 13-00160-00-SW	COUNTY COOK	TOTAL SHEETS 50	SHEET NO. 45
	9535 Roman Rd Westchester, Illinois 61084-2788 Phone: 708.365.4200 Fax: 708.365.4202	DATE - 03-24-14 REVISED - XX		SCALE: 1" = 10' SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CONTRACT NO. 61A23			

Drawing File: s:\projects\14\14000\14000.dwg; User: jlp; Date: 03/24/14; Time: 11:52am



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.
- 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.

Drawing file: W:\Projects\by\_village\mount\_prospect\35513148 - NW Hwy Streetcrops\NW Hwy\16-TC\_10.dwg Apr 09, 2014 - 9:40am

USER NAME =	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
	DRAWN -	REVISED - A. HOUSEH 03-06-96
PLOT SCALE =	CHECKED -	REVISED - A. HOUSEH 10-15-96
PLOT DATE =	DATE - 06-89	REVISED - T. RAMMAGHER 01-06-00

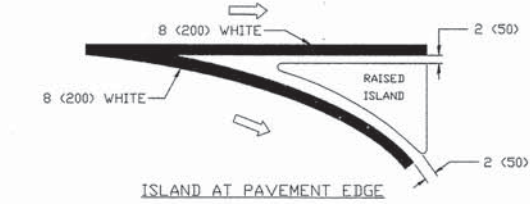
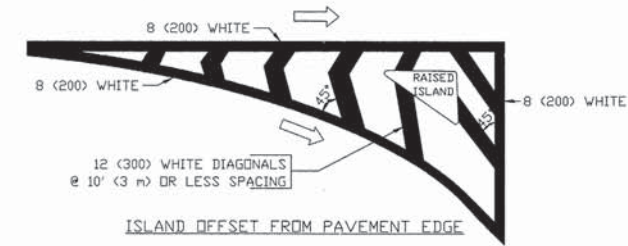
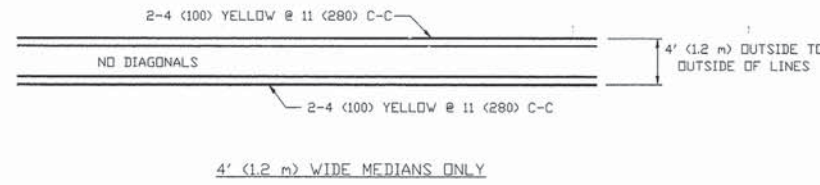
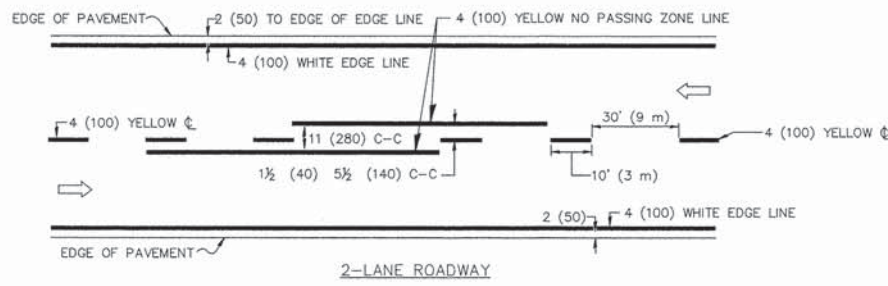
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

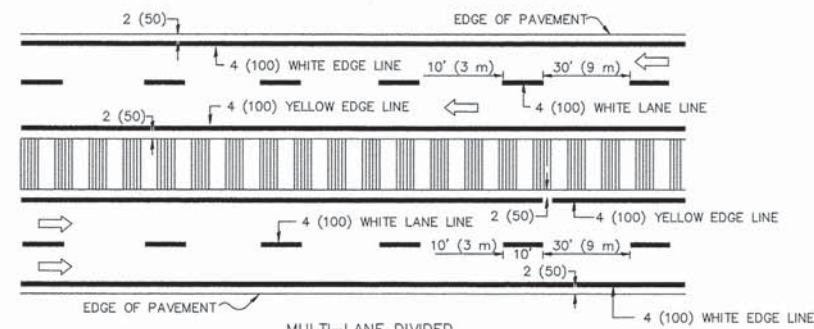
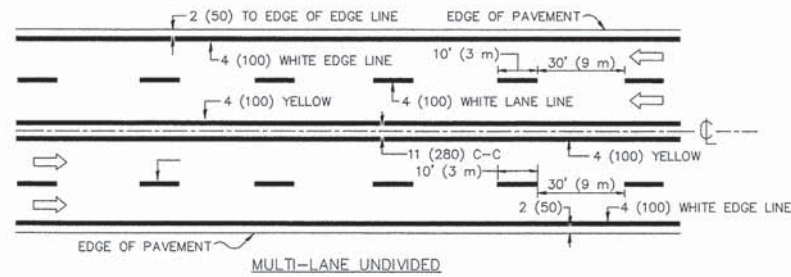
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	46
TC-10		CONTRACT NO. 61A23		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		TE-00D1(940)

E.H.E. PROJECT NO. 555-13-14801

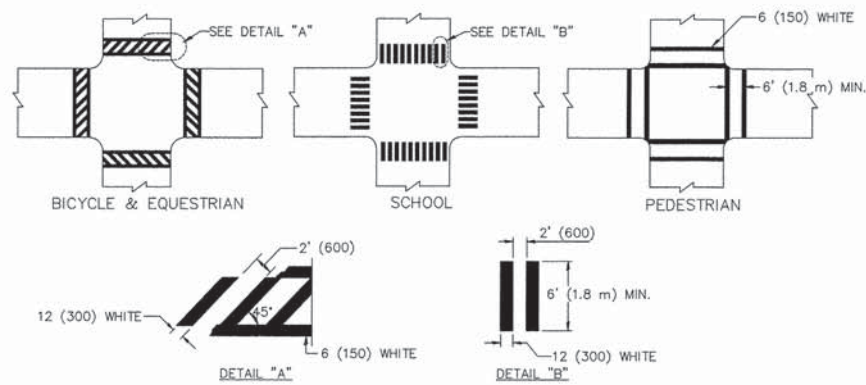


TYPICAL ISLAND MARKING

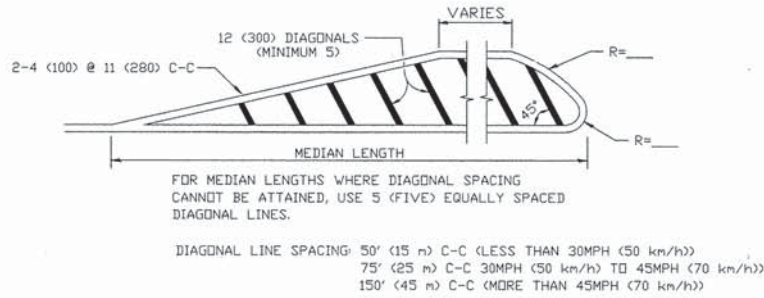


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

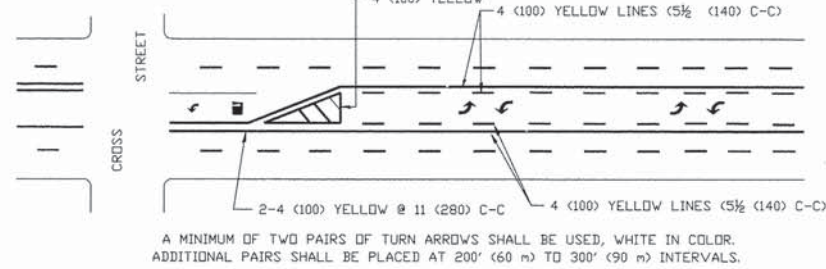
TYPICAL LANE AND EDGE LINE MARKING



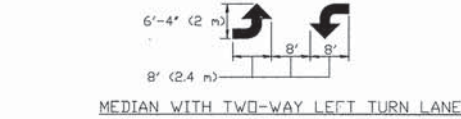
TYPICAL CROSSWALK MARKING



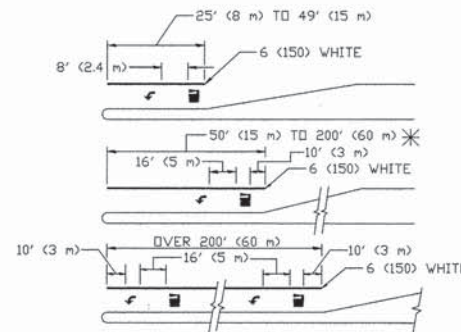
MEDIANS OVER 4' (1.2 m) WIDE



TYPICAL PAINTED MEDIAN MARKING



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

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 DMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	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.

FILE NAME =	USER NAME = drivakosgn	DESIGNED - EVERS	REVISED - T.RAMMACHER 10-27-94
		DRAWN -	REVISED - C. JUCIUS 09-09-09
	PLOT SCALE = 50,000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/9/2009	DATE - 03-19-90	REVISED -

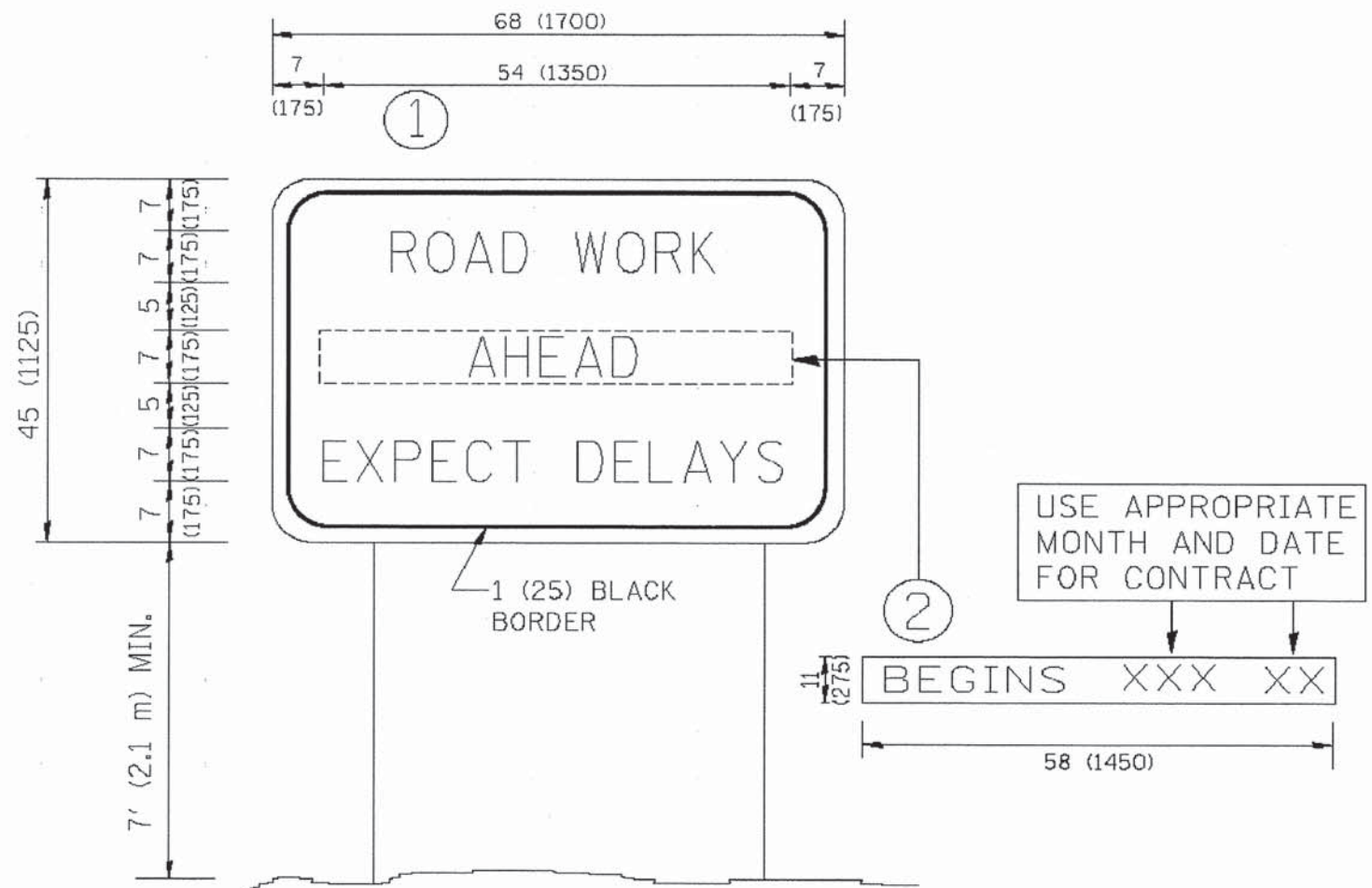
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE  
TYPICAL PAVEMENT MARKINGS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	47
TC-13		CONTRACT NO. 61A23		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT TE-00D1(940)		

E.H.E. PROJECT NO. 555-13-14801



**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.

FILE NAME =	USER NAME = geglunabt	DESIGNED -	REVISED - R. MIRS 09-15-97
W:\dist\sd\22c34\1a22.dgn		DRAWN -	REVISED - R. MIRS 12-11-97
		CHECKED -	REVISED - T. RAMMAGHER 02-02-99
		DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

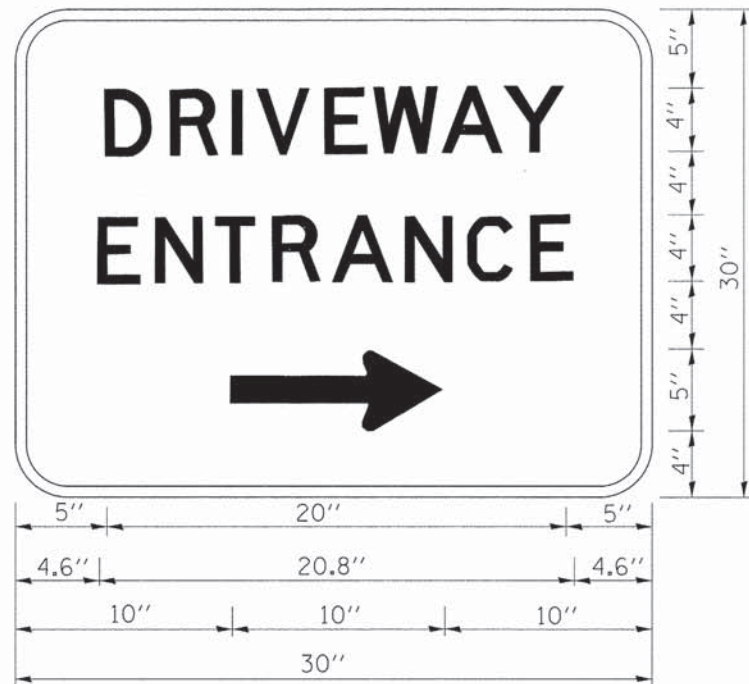
**ARTERIAL ROAD  
INFORMATION SIGN**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	48
<b>TC-22</b>		CONTRACT NO. 61A23		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	TE-00D1(940)

Drawing file: W:\Projects\_by\_Village\Mount Prospect\55513148 - NW Hwy Streetcrops\NW Hwy\48-TC-22.dgn Apr 09, 2014 - 9:54am





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".

Drawing file: W:\Projects\_by\_Village\Mount Prospect\30513148 - NW Hwy Streetscape\NW Hwy\9-TC-26.dwg Apr 09, 2014 - 9:35am

FILE NAME =	USER NAME = goglianob	DESIGNED -	REVISED - C. JUCIUS 02-15-07
ct:\pw_work\p\dot\goglianob\d0108315\26.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

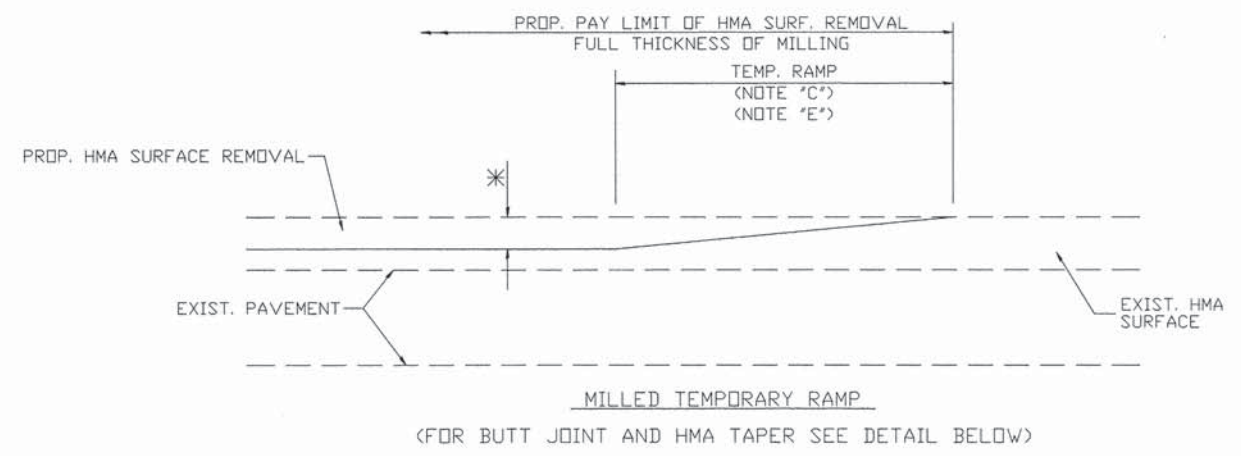
**DRIVEWAY ENTRANCE SIGNING**

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

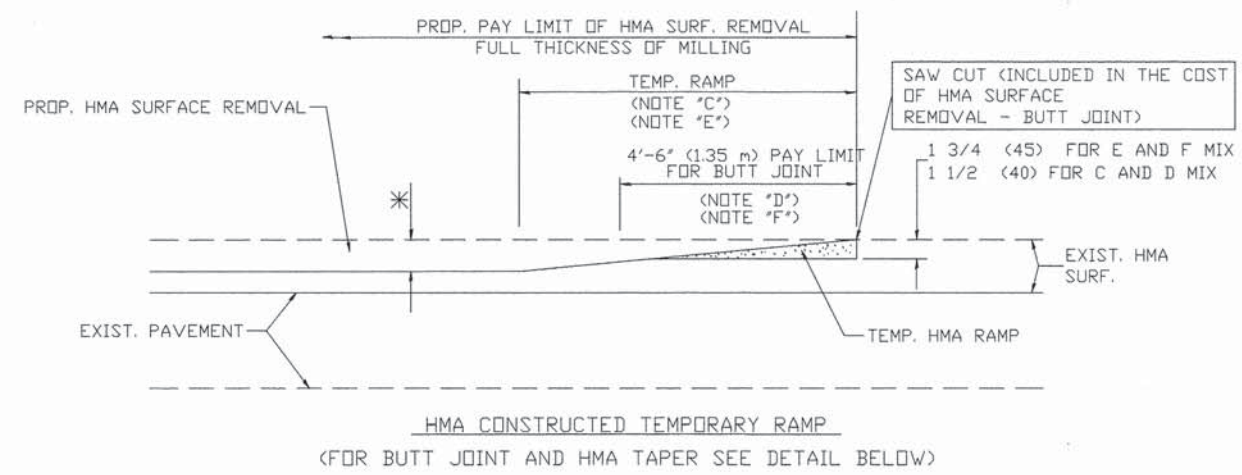
F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	49
<b>TC-26</b>		CONTRACT NO. 61A23		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT	TE-001(940)	

E.H.E. PROJECT NO. 555-13-14801

Drawing file: W:\Projects\by\_village\mount Prospect\55513146 - NW Hwy Streetcrops\NW Hwy\30-bd32.dwg Apr 09, 2014 - 9:35am

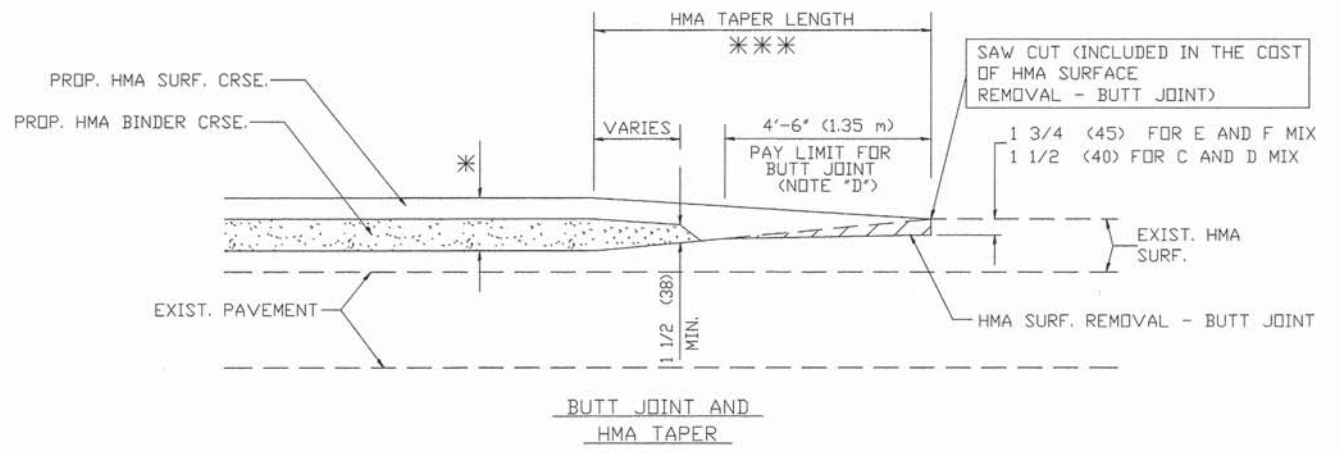


**OPTION 1**

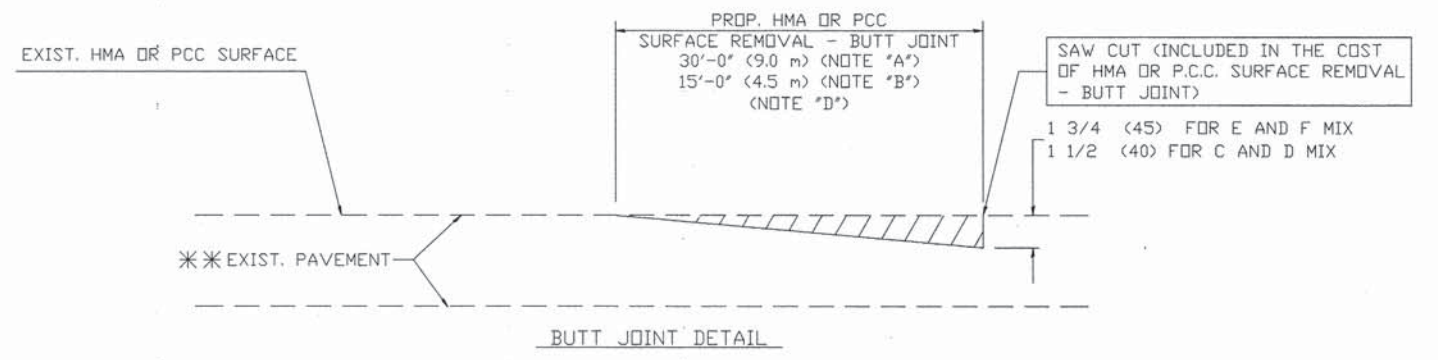


**OPTION 2**

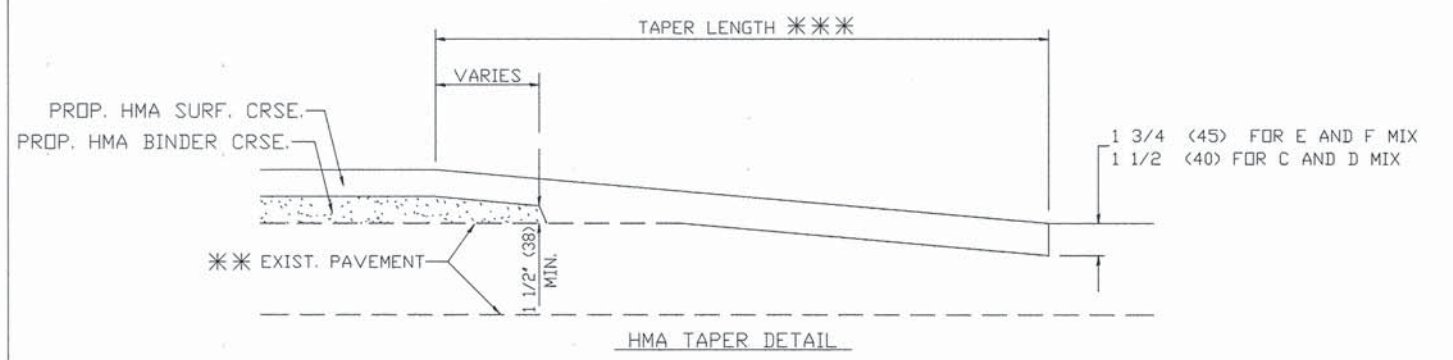
**TYPICAL TEMPORARY RAMP**



**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

USER NAME =	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
PLOT SCALE =	DRAWN -	REVISED - A. ABBAS 03-21-97
PLOT DATE =	CHECKED -	REVISED - M. GOMEZ 04-06-01
	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND  
HMA TAPER DETAILS**

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

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3612	13-00160-00-SW	COOK	50	50
BD400-05 (BD-32)		CONTRACT NO. 61A23		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT TE-00D1(940)				

E.H.E. PROJECT NO. 555-13-14801