

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.U. 5489	*	LEE	35	1
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

* Section 03-00160-00-PV Contract #85503

PLANS FOR PROPOSED
ROADWAY IMPROVEMENTS

CITY OF
DIXON

HENNEPIN AVE. RECONSTRUCTION

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F.A.U. ROUTE 5489 (HENNEPIN AVE.)
SECTION 03-00160-00-PV
CITY OF DIXON
PROJECT ARA-M-5018(015)
JOB NO. C-92-084-04
R. 9 E.

HIGHWAY STANDARDS

STANDARD	TITLE
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420111-02	PCC PAVEMENT ROUNDOUTS
424001-05	CURB RAMPS FOR SIDEWALKS
602401-02	MANHOLE, TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	CAST IRON STEPS
604001-03	FRAME AND LIDS, TYPE 1
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-03	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24' (600 mm) FROM PAVEMENT EDGE
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-04	LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-02	TYPICAL PAVEMENT MARKINGS
814001-02	CONCRETE HANDHOLES
BLR14-10	PORTLAND CEMENT CONCRETE PAVEMENT (NONREINFORCED)
BLR21-8	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR22-6	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (TWO-LANE TWO WAY RURAL TRAFFIC) (ROAD CLOSED TO THRU TRAFFIC)

CITY OF DIXON

APPROVED October 27 20 09

Jim A. Burke

CITY OF DIXON

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

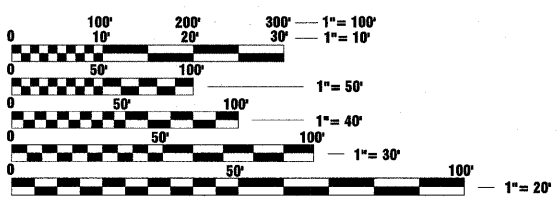
PASSED November 10 20 09

Jan L. Flax
DISTRICT 2 ENGINEER OF LOCAL ROADS & STREETS

RELEASED FOR BID BASED ON LIMITED REVIEW November 10 20 09

Scott A. Brown
DEPUTY DIRECTOR OF HIGHWAYS, REGION 2 ENGINEER

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OF THE STATE OF ILLINOIS

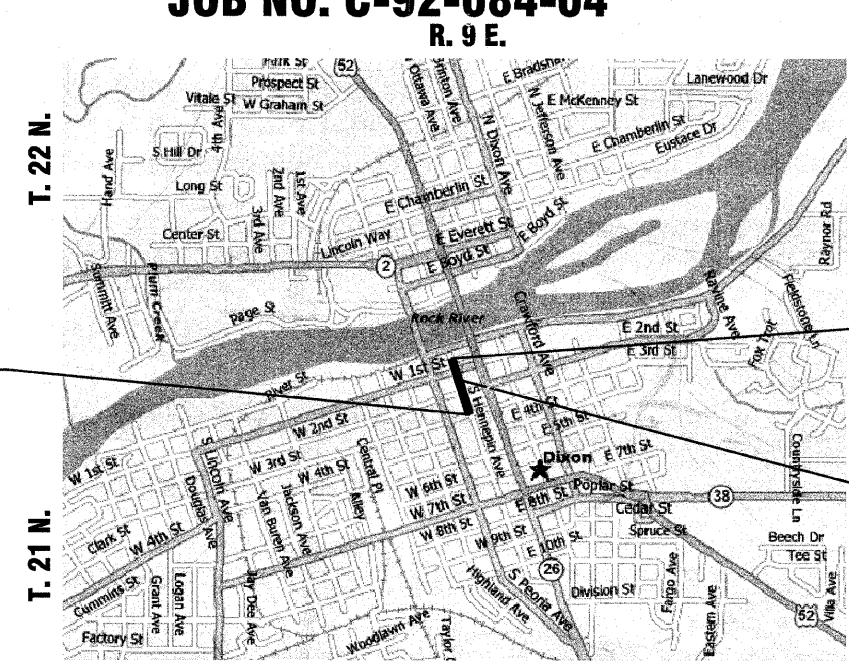


THE LOCATIONS OF UTILITY FACILITIES AS SHOWN ON THESE PLANS ARE AN ESTIMATE AND NOT INTENDED AS FIELD LOCATIONS FOR CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL UTILITIES PRIOR TO CONSTRUCTION AND CALLING J.U.L.I.E. AT 800-892-0123 FOR CONFIRMATION OF EXISTING UTILITY LOCATIONS.

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

CONTRACT NO. 85503

IMPROVEMENTS BEGIN
STA. - 5+49



LOCATION MAP - DIXON, ILLINOIS
TOTAL LENGTH OF SECTION = 1095.2 FT (0.21 MI)

TRAFFIC DATA:
FUNCTIONAL CLASSIFICATION: URBAN COLLECTOR
Hennepin Ave. Existing DHV 210 Existing ADT 2100 3% Trucks
30 mph Design Speed



IMPROVEMENTS END
STA. - 16+44.2

PROJECT LOCATION



Scott A. Brown 10/27/09
DATE
SCOTT A. BROWN
DIXON, ILLINOIS
ILLINOIS LICENSED PROFESSIONAL
ENGINEER NO. 062-053649
EXPIRES 11-30-2009

wendler

www.wendlergs.com GROUND BREAKING SOLUTIONS engineers - surveyors - scientists ph: 815.288.2261

Date: 09/25/09
Job: 2090205

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S. B. I. F.A.M. 5489	*	LEE	35	2
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	
* Section 03-00160-00-PV			Contract #85503	

GENERAL NOTES

EXCEPT AS NOTED IN THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE CONTRACTOR SHALL BE APPRISED OF THE PRESENCE OF OVERHEAD HIGH VOLTAGE POWER LINES WHICH MAY IMPACT CONTRACTORS OPERATIONS.

UNLESS DIRECTED BY THE ENGINEER, PAVEMENT MARKING LINES SHALL NOT BE LAID DIRECTLY OVER A JOINT.

ALL FRAMES AND GRATES OF DRAINAGE STRUCTURES TO BE REMOVED OR FILLED SHALL BE CAREFULLY SALVAGED AND SHALL REMAIN THE PROPERTY OF THE CITY OF DIXON.

THE NEW MANHOLE LIDS ON THIS PROJECT SHALL HAVE THE WORD "STORM", "SANITARY", OR "WATER" ON THE LID. THE WORD TO BE USED IS NOTED ON THE PLANS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THIS WORK.

ALL PROPOSED MANHOLES ON THIS PROJECT SHALL BE CAST IN PLACE OR PRECAST. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR MANHOLE OF THE TYPE AND SIZE SPECIFIED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK. THE JULIE NUMBER IS 800-892-0123. THE FOLLOWING IS A LIST OF THE JULIE MEMBERS AND THE STATUS OF THEIR FACILITIES LOCATED WITHIN OR ADJACENT TO THE PROJECT CONSTRUCTION LIMITS.

TELEPHONE
Ms. Cindy Olson
Century Tel Communications
2296 N. Henderson Street
Galesburg, IL 61401
Telephone(309) 345-5240

ELECTRIC
Mr. Dave Schacht
Commonwealth Edison Company
123 Energy Avenue
Rockford, IL 61109
(630) 437-2129

GAS
Ms. Constance Lane
NICOR Gas Co
1844 Ferry Road
Naperville, IL 60563
(630) 983-8676

CATV
Mr. Mike Owens
Comcast
4450 Kishwaukee Street
Rockford, IL 61109
(815) 395-8977

TELEPHONE
Mr. Paul Larose
Norlight Telecommunications
13935 Bishops Drive
Brookfield, WI 53005
(812) 759-7893

WATER
Mr. Rusty Cox
Dixon Water Department
P.O. Box 386
Dixon, IL 61021
(815) 288-3381

SANITATION
Mr. Dan Mahan
City of Dixon Wastewater
Collection & Treatment Facility
2600 W. 3rd Street
Dixon, IL 61021
(815) 288-3383

THE INFORMATION ABOVE IS PROVIDED FOR THE CONVENIENCE OF THE BIDDER AND REFLECTS THE BEST INFORMATION AVAILABLE AT THE TIME OF PLAN SUBMITTAL.

ALL PROPOSED HANDRAIL AND LIGHT FIXTURES SHALL BE PAINTED A DARK GREEN AS SUPPLIED BY HADCO OR AN EQUIVALENT COLOR. COLOR SAMPLES SHOULD BE PROVIDED TO THE RESIDENT ENGINEER AND THE CITY OF DIXON FOR APPROVAL.

EARTHWORK NECESSARY TO CONSTRUCT THE PCC SIDEWALK OR PRECAST CONCRETE PAVERS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR PCC SIDEWALK OR PRECAST CONCRETE PAVERS OF THE TYPE SPECIFIED.

COORDINATION OF THE SIZE AND LOCATION OF OPENINGS FOR PIPES, DRAINS, DUCTS, ETC. SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. NO OPENINGS THROUGH WALLS OR OTHER STRUCTURAL MEMBERS SHALL BE MADE WITHOUT ENGINEER APPROVAL.

THE CONTRACTOR SHALL GIVE DUE CONSIDERATION TO ALL SAFETY RULES DICTATED BY CODE AND GOOD PRACTICE. ADEQUATE TEMPORARY SUPPORT SHALL BE PROVIDED WHERE NECESSARY TO ENSURE THE STABILITY OF ALL COMPONENTS OF ADJACENT STRUCTURES, ROADWAYS, UTILITIES, AND ALL PROPOSED CONSTRUCTION. DESIGN AND CONSTRUCTION OF SUPPORT SYSTEMS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND RESPECTIVE TRADE CONTRACTOR.

ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. CONTRACTOR SHALL NOT REMOVE ANY TREES PRIOR TO THE APPROVAL OF ENGINEER. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.

ALL ELEVATIONS ARE REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

THE CITY OF DIXON WILL RELOCATE EXISTING FIRE HYDRANTS IN CONFLICT WITH THE PROPOSED CONSTRUCTION.

EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION SHALL BE RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETE, THE CONTRACTOR SHALL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED. THE CONTRACTOR SHALL MAINTAIN ALL REGULATORY SIGNS AT A 7' MINIMUM HEIGHT TO BOTTOM OF SIGNS.

TOPOGRAPHIC		SURVEY	
—	BOUNDARY OF SURVEY	●	STEEL PIN FOUND
- - - -	SECTION LINE	○	STEEL PIN SET
- - - - -	RIGHT OF WAY LINE	⊗	SET SURVEY NAIL
- - - - -	CENTERLINE	⊕	R.O.W. MARKER
- - - - -	BUILDING SETBACK (BSL)	+	CHISELED "X"
- - - - -	EASEMENT (UE)	▲	STONE FOUND
G	GAS MAIN		
W	WATERMAIN		
OE	OVERHEAD ELECTRIC LINE		
UCE	UNDERGROUND ELECTRIC		
OT	OVERHEAD TELEPHONE LINE		
UGT	UNDERGROUND TELEPHONE		
DT	DRAIN TILE LINE		
X X X	FENCE LINE		
←	STORM SEWER		
←	SANITARY SEWER		
≡	CURB AND GUTTER		
≡	DEPRESSED CURB		
847	EXISTING CONTOUR LINE		
⊗	DECIDUOUS SHRUB	⊗	MANHOLE FOR ELECTRIC
⊗	CONIFEROUS SHRUB	←	GUY WIRE
⊗	DECIDUOUS TREE	⊗	STREET LIGHT
⊗	CONIFEROUS TREE	⊗	FIRE HYDRANT
⊗	STUMP	⊗	MANHOLE
○	TELEPHONE POLE	⊗	CLEANOUT
⊗	TELEPHONE PEDESTAL	⊗	WATER VALVE
⊗	CABLE TV RISER	⊗	GAS VALVE
⊗	POWER POLE	⊗	DROP INLET
⊗	ELEC. PAD W/ TRANS.	⊗	INLET
⊗	GAS METER/REGULATOR	⊗	SIGN
		⊗	PROPOSED SANITARY SEWER
		⊗	PROPOSED SANITARY MANHOLE
		⊗	PROPOSED SANITARY SERVICE
		⊗	PROPOSED WATER MAIN
		⊗	PROPOSED WATER SERVICE
		⊗	PROPOSED WATER VALVE
		⊗	PROPOSED FIRE HYDRANT
		⊗	PROPOSED STORM SEWER
		⊗	PROPOSED STORM INLET
		⊗	PROPOSED STORM MANHOLE
		⊗	PROPOSED DRAIN TILE
		⊗	PROPOSED END SECTION
		⊗	PROPOSED RIP RAP
		⊗	PROPOSED DIRECTION OF FLOW
		⊗	PROPOSED 100 YEAR FLOOD ROUTE
		⊗	T.F.E. TOP OF FOUNDATION
		⊗	PROPOSED CONTOUR LINE
		⊗	PROPOSED CURB & GUTTER

BENCHMARK INFORMATION

B.M. 10 - SET CHISELED "X" ON NORTH BONNET BOLT OF FIRE HYDRANT AT S.W. CORNER OF 1ST. STREET AND HENNEPIN AVENUE. ELEV=670.34

B.M. 11 - SET CHISELED "X" ON EAST BONNET BOLT OF FIRE HYDRANT AT S.E. CORNER OF 2ND. STREET AND HENNEPIN AVENUE. ELEV=690.37

B.M. 12 - FOUND CHISELED SQUARE ON WEST SIDE OF CONCRETE LIGHT BASE AT N.E. CORNER OF 3RD. STREET AND HENNEPIN AVENUE. ELEV=689.68

GENERAL NOTES

HENNEPIN AVE.
SECTION 03-00160-00-PV
CITY OF DIXON

wendler

GROUND BREAKING SOLUTIONS
engineers - surveyors - scientists

www.wendlergs.com ph: 815.288.2261

Date:
09/25/09

Job:
2090205

SUMMARY OF QUANTITIES

PAY ITEM	DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE TYPE 1000	NON-PARTICIPATING 100% LOCAL FUNDING
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	21	21	
* 20200410	EARTH EXCAVATION (SPECIAL)	CU YD	660	660	
▲ 20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	200	200	
20800150	TRENCH BACKFILL	CU YD	281	281	
+ 21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	48	48	
+ 25200100	SODDING	SQ YD	48	48	
28000500	INLET AND PIPE PROTECTION	EACH	10	10	
31101400	SUB-BASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	3,054	3,054	
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	864	864	
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	2,728	2,728	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	544	544	
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	595	595	
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	260	260	
42000201	PORTLAND CEMENT CONCRETE PAVEMENT 7" (JOINTED)	SQ YD	528	528	
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	187	187	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	9,785	9,785	
42400800	DETECTABLE WARNINGS	SQ FT	78	78	
44000100	PAVEMENT REMOVAL	SQ YD	3,515	3,515	
* 50900810	PEDESTRIAN RAIL (SPECIAL)	FOOT	50	50	
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	5	
* 60242400	INLETS, SPECIAL	EACH	8	8	
60255500	MANHOLES TO BE ADJUSTED	EACH	6	6	
60260100	INLETS TO BE ADJUSTED	EACH	1	1	
60266600	VALVE BOXES TO BE ADJUSTED	EACH	14	14	
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	1,453	1,453	
67100100	MOBILIZATION	L SUM	1	1	
* 70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1	1	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	1,222	1,222	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	28	28	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	464	464	
72000100	SIGN PANEL - TYPE 1	SQ FT	54	54	
+ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1,333	1,333	
+ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	714	714	
+ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	161	161	
+ 81012300	CONDUIT IN TRENCH, 1" DIA., PVC	FOOT	1,695	1,695	
+ 81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	370	370	
+ 81028030	CONDUIT, BORED AND PULLED, COILABLE NON-METALLIC CONDUIT, 1"	FOOT	395	395	
+ 81028060	CONDUIT, BORED AND PULLED, COILABLE NON-METALLIC CONDUIT, 2"	FOOT	240	240	
+ 81200100	CONDUIT EMBEDDED IN STRUCTURE 1" DIA., GALVANIZED STEEL	FOOT	440	440	
+ 81200120	CONDUIT EMBEDDED IN STRUCTURE 2" DIA., GALVANIZED STEEL	FOOT	20	20	
*▲+ 81400115	HANDHOLE TO BE ADJUSTED	EACH	13	13	
+ 81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1	1	
+ 81400730	HANDHOLE, COMPOSIT CONCRETE	EACH	4	4	
+ 81702100	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 12	FOOT	110	110	
+ 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	9,500	9,500	
+ 81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	6,700	6,700	
+ 81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	5,600	5,600	
+ 81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	500	500	
+ 81702180	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 3/0	FOOT	110	110	
+ 81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	2,065	2,065	
*+ 82500505	LIGHTING CONTROLLER, SPECIAL	EACH	1	1	
*+ 83600100	LIGHT POLE FOUNDATION	EACH	35	35	
+ 84200500	REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	25	25	
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	152	152	
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	338	338	
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	104	104	
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	105	105	
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	330	330	
+ A2007820	TREE, TILIA AMERICANA (AMERICAN LINDEN/ BASSWOOD), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	5	5	
* X0322916	PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER	EACH	1	1	
+ B2000770	TREE, AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICE BERRY), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	2	2	
* X0444100	BENCHES	EACH	6	6	6
*+ X0962500	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	L SUM	1	1	
* XX000959	TRASH RECEPTACLES	EACH	3	3	3
* XX003059	DECORATIVE BRICK SIDEWALK	SQ FT	3,072	3,072	
*+ XX004145	DRINKING FOUNTAIN RELOCATED	EACH	1	1	
* XX005043	ORNAMENTAL SIGN POST	EACH	8	8	
* XX005283	BRICK PAVER CROSSWALK	SQ FT	2,026	2,026	
+ XX005856	MULCH-SHREDDED HARDWOOD BARK, 3" DEPTH	CU YD	2.7	2.7	
+ A200447	GINKGO BILOBA 'AUTUMN GOLD' (AUTUMN GOLD MAIDENHAIR TREE) 1 1/2	EACH	2	2	
*+ XX006901	TREE GRATE ASSEMBLY, COMPLETE	EACH	14	14	
*+ XX007393	DECORATIVE LIGHT TYPE A	EACH	35	35	
*▲+ Z0056800	SANITARY SEWER 6"	FOOT	200	200	
* SEE SPECIAL PROVISIONS	+ SPECIALTY ITEMS				
▲ CONTINGENCY ITEMS					


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S. B. L. FALL 5489	*	LEE	35	3
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		
* Section 03-00160-00-PV			Contract #85503	

SUMMARY OF QUANTITIES

HENNEPIN AVE.

SECTION 03-00160-00-PV

CITY OF DIXON



GROUND BREAKING SOLUTIONS
engineers - surveyors - scientists

Date:
09/25/09

Job:
2090205

www.wendlergs.com ph: 815.288.2281

ROADWAY QUANTITIES

LOCATION	44000100	60604400	40603310	40603080	40600100	35102000	31101400	42000201	35101600
	PAVEMENT REMOVAL	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE BASE COURSE, TYPE B 8"	SUB-BASE GRANULAR MATERIAL, TYPE B 6"	PORTLAND CEMENT CONCRETE PAVEMENT 7" (JOINTED)	AGGREGATE BASE COURSE, TYPE B 4"
			TON	TON					
	SQ YD	FOOT	125 lbs./in-sq yd	125 lbs./in-sq yd	0.2 gal/sq yd				
Hennepin Ave @ 2nd Street									
Sta. 9+10.5 to Sta. 9+26.7		74	7	17	15	76	93		17
East and West Side of Intersection			8	18	17	84	84		
Sta. 9+32.7 to Sta. 9+86.3 (Concrete)								295	295
Sta. 9+92.3 to Sta. 12+92.1		744	97	226	207	1,034	1,206		172
Sta. 9+10.5 to Sta. 13+20 (Removal)	1,858								
Hennepin Ave @ 1st Street									
East and West Side of Intersection			13	29	27	133	133		
Sta. 12+98.1 to Sta. 13+44.6 (Concrete)								233	233
Sta. 13+50.6 to Sta. 16+44.2		635	130	304	278	1,391	1,538		147
Sta. 13+20 to Sta. 16+44.2 (Removal)	1,647								
Electrical Work (See Sheet)	10		5	0		10			
Total Quantities	3,515	1,453	260	595	544	2,728	3,054	528	864

TRENCH BACKFILL

Storm Sewer Structure Numbers	Pipe Length (ft)	Pipe Diameter (in)	Start Pipe FL Elevation (ft)	Start Surface Elevation (ft)	End Pipe FL Elevation (ft)	End Surface Elevation (ft)	Surface & Base Thickness (ft)	Average Depth from Subgrade to Inv. (ft)	Trench Backfill (Cu Yds / Lin Ft)	Trench Backfill (Cu Yds)
14 to 13	21	12	684.33	686.27	683.75	686.78	0.4	2.1	0.152	3.2
8 to 5	36	12	665.60	668.40	663.28	668.22	0.9	3.0	0.236	8.5
9 to 7	31	12	666.38	669.13	664.88	669.46	0.4	3.3	0.278	8.6
6 to 7	32	12	665.30	667.99	664.88	669.46	1.4	2.2	0.152	4.9
15 to 16	32	12	657.30	662.47	657.60	662.42	1.4	3.6	0.299	9.6
15 to 17	24	12	657.30	662.47	657.80	662.53	1.4	3.6	0.299	7.2
7 to 5	34	12	664.88	669.46	663.28	668.29	0.9	3.9	0.341	11.6
12 to 11	46	12	682.81	686.19	680.79	685.41	0.9	3.1	0.257	11.8
4 to 18	48	15	655.91	661.02	657.06	660.55	0.9	3.4	0.282	13.5
13 to 11	64	15	683.75	686.78	680.79	685.41	0.9	2.9	0.236	15.1
11 to 10	226	15	680.79	685.41	668.88	673.09	1.4	3.0	0.236	53.3
10 to 5	105	18	668.88	673.09	663.28	668.22	1.4	3.2	0.256	26.9
5 to 15	146	24	663.28	668.22	657.30	662.47	1.4	3.7	0.323	47.2
15 to 4	32	24	657.30	662.47	655.91	661.02	1.4	3.7	0.323	10.3
4 to exist	152	24	655.91	661.02	649.29	654.40	1.4	3.7	0.323	49.1
TOTAL 20800150 TRENCH BACKFILL (Cu yds)										281

42300300 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	LOCATION	UNIT	QUANTITY
RT. STA. 10+89	SQ. YD.		31
RT. STA. 11+49	SQ. YD.		31
RT. STA. 12+07	SQ. YD.		31
RT. STA. 12+55	SQ. YD.		20
LT. STA. 15+35	SQ. YD.		18
RT. STA. 15+53	SQ. YD.		39
LT. STA. 16+05	SQ. YD.		17
TOTAL			187
42400800 DETECTABLE WARNINGS	LOCATION	UNIT	QUANTITY
LT. STA. 9+29	SQ. FT.		6
RT. STA. 9+29	SQ. FT.		6
RT. STA. 9+79	SQ. FT.		6
RT. STA. 9+89	SQ. FT.		6
LT. STA. 9+83	SQ. FT.		6
LT. STA. 13+00	SQ. FT.		6
RT. STA. 13+00	SQ. FT.		6
LT. STA. 13+44	SQ. FT.		6
RT. STA. 13+44	SQ. FT.		6
RT. STA. 14+70	SQ. FT.		6
LT. STA. 14+73	SQ. FT.		6
RT. STA. 15+00	SQ. FT.		6
LT. STA. 15+00	SQ. FT.		6
TOTAL			78
50900810 PEDESTRIAN RAIL (SPECIAL)	LOCATION	UNIT	QUANTITY
RT. STA. 13+57 - RT. STA. 13+93	FOOT		39
RT. STA. 14+52 - RT. STA. 14+60	FOOT		11
TOTAL			50
60255500 MANHOLES TO BE ADJUSTED	LOCATION	UNIT	QUANTITY
RT. STA. 9+75	EACH		1
STA. 9+80	EACH		1
STA. 13+20	EACH		1
STA. 14+85	EACH		1
LT. STA. 14+95	EACH		1
LT. STA. 15+95	EACH		1
TOTAL			6
60260100 INLETS TO BE ADJUSTED	LOCATION	UNIT	QUANTITY
LT. STA. 14+88	EACH		1
TOTAL			1
60266600 VALVE BOXES TO BE ADJUSTED	LOCATION	UNIT	QUANTITY
RT. STA. 9+28	EACH		1
LT. STA. 10+64	EACH		1
LT. STA. 10+33	EACH		1
LT. STA. 11+38	EACH		1
LT. STA. 11+66	EACH		1
LT. STA. 11+82	EACH		1
LT. STA. 12+10	EACH		1
LT. STA. 13+09	EACH		1
RT. STA. 13+08	EACH		1
RT. STA. 13+11	EACH		1
RT. STA. 14+03	EACH		1
RT. STA. 14+66	EACH		1
RT. STA. 15+20	EACH		1
RT. STA. 15+27	EACH		1
TOTAL			14

81400115 HANDHOLE TO BE ADJUSTED	LOCATION	UNIT	QUANTITY
RT. STA. 9+84	EACH		1
RT. STA. 9+91	EACH		1
RT. STA. 10+01	EACH		1
RT. STA. 10+23	EACH		1
RT. STA. 10+45	EACH		1
LT. STA. 11+39	EACH		1
RT. STA. 12+77	EACH		1
RT. STA. 12+97	EACH		1
LT. STA. 12+97	EACH		1
RT. STA. 13+05	EACH		1
RT. STA. 13+48	EACH		1
LT. STA. 13+47	EACH		1
RT. STA. 15+07	EACH		1
TOTAL			13
X0322916 PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER	LOCATION	UNIT	QUANTITY
STA. 16+43	EACH		1
TOTAL			1
XX004145 DRINKING FOUNTAIN RELOCATED	LOCATION	UNIT	QUANTITY
RT. STA. 9+87	EACH		1
TOTAL			1
XX003059 DECORATIVE BRICK SIDEWALK	LOCATION	UNIT	QUANTITY
LT. STA. 9+29	SQ. FT.		48
RT. STA. 9+29	SQ. FT.		47
RT. STA. 9+82 (CITY HALL)	SQ. FT.		207
LT. STA. 9+82 - LT. STA. 13+04	SQ. FT.		1007
RT. STA. 9+78 - RT. STA. 10+76	SQ. FT.		268
RT. STA. 11+03 - RT. STA. 11+36	SQ. FT.		80
RT. STA. 11+62 - RT. STA. 11+94	SQ. FT.		74
RT. STA. 12+21 - RT. STA. 12+47	SQ. FT.		58
RT. STA. 12+63 - RT. STA. 13+08	SQ. FT.		89
LT. STA. 13+36 - LT. STA. 14+74	SQ. FT.		441
RT. STA. 13+42 - RT. STA. 14+70	SQ. FT.		327
LT. STA. 15+00 - LT. STA. 15+29	SQ. FT.		53
RT. STA. 15+00 - LT. STA. 15+40	SQ. FT.		100
LT. STA. 15+41 - LT. STA. 16+00	SQ. FT.		118
LT. STA. 16+11 - LT. STA. 16+25	SQ. FT.		155
TOTAL			3072
XX005283 BRICK PAVER CROSSWALK	LOCATION	UNIT	QUANTITY
2ND ST. & HENNEPIN AVE.	SQ. FT.		1093
1ST ST. & HENNEPIN AVE.	SQ. FT.		933
TOTAL			2026

42400200 PORTLAND CEMENT CONCRETE SIDEWALK, 5"	LOCATION	UNIT	QUANTITY
RT. STA. 9+29	SQ. FT.		257
LT. STA. 9+29	SQ. FT.		240
RT. STA. 9+82 (CITY HALL)	SQ. FT.		252
LT. STA. 9+82 - LT. STA. 13+04	SQ. FT.		3099
RT. STA. 9+78 - RT. STA. 10+76	SQ. FT.		930
RT. STA. 11+03 - RT. STA. 11+36	SQ. FT.		214
RT. STA. 11+62 - RT. STA. 11+94	SQ. FT.		204
RT. STA. 12+21 - RT. STA. 12+47	SQ. FT.		170
RT. STA. 12+63 - RT. STA. 13+08	SQ. FT.		442
LT. STA. 13+36 - LT. STA. 14+74	SQ. FT.		1360
RT. STA. 13+42 - RT. STA. 14+70	SQ. FT.		1272
LT. STA. 15+00 - LT. STA. 15+29	SQ. FT.		255
RT. STA. 15+00 - LT. STA. 15+40	SQ. FT.		463
LT. STA. 15+41 - LT. STA. 16+00	SQ. FT.		466
RT. STA. 15+85 - RT. STA. 16+39	SQ. FT.		161
TOTAL			9785
FIRE HYDRANTS TO BE MOVED-WORK BY CITY OF DIXON	LOCATION	UNIT	QUANTITY
RT. STA. 9+24	EACH		1
RT. STA. 14+67	EACH		1
TOTAL			2

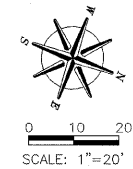
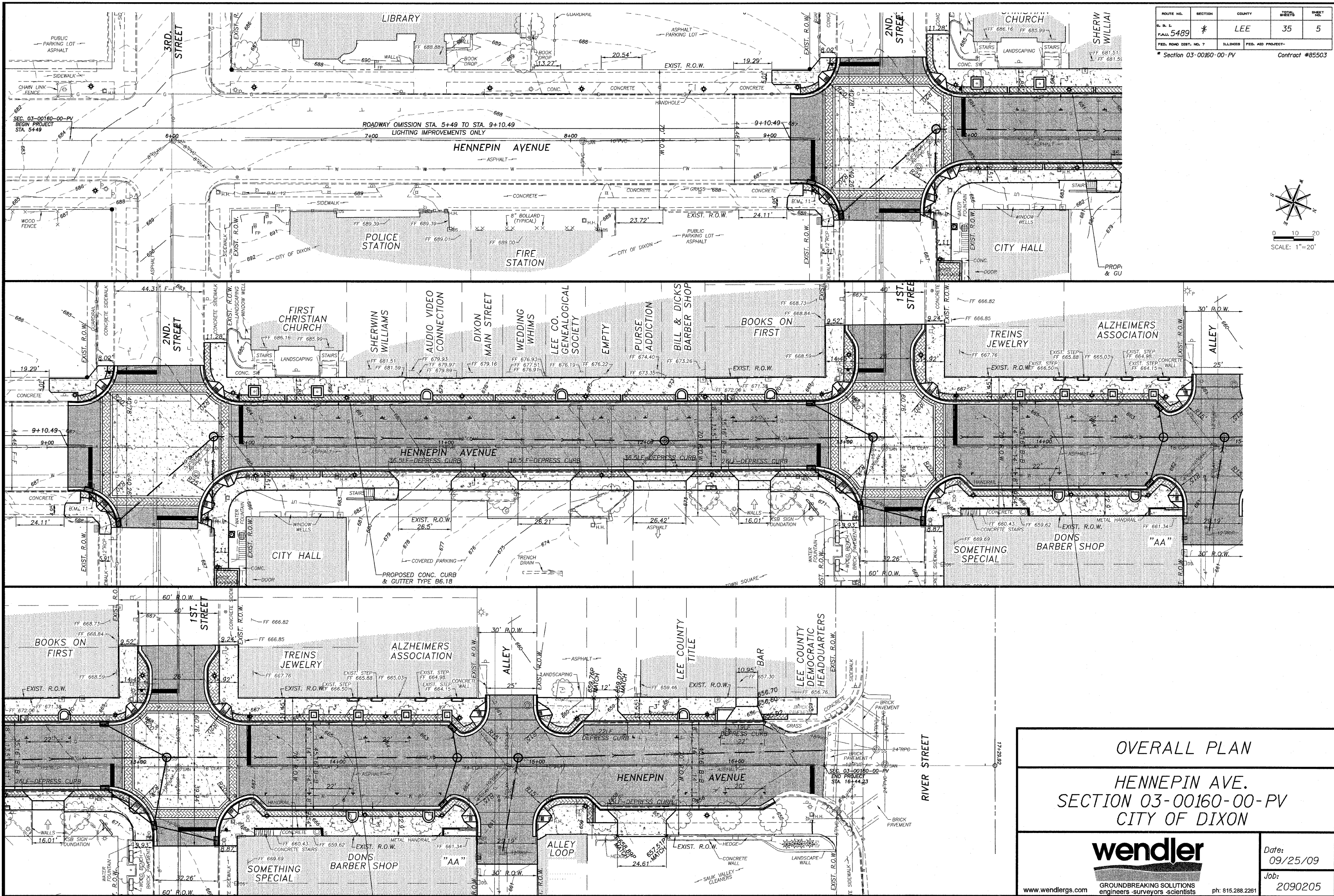
SCHEDULE OF QUANTITIES

HENNEPIN AVE.
SECTION 03-00160-00-PV
CITY OF DIXON



Date: 09/25/09
Job: 2090205

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S. D. L. FALL 5489	*	LEE	35	5
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		
* Section 03-00160-00-PV			Contract #85503	



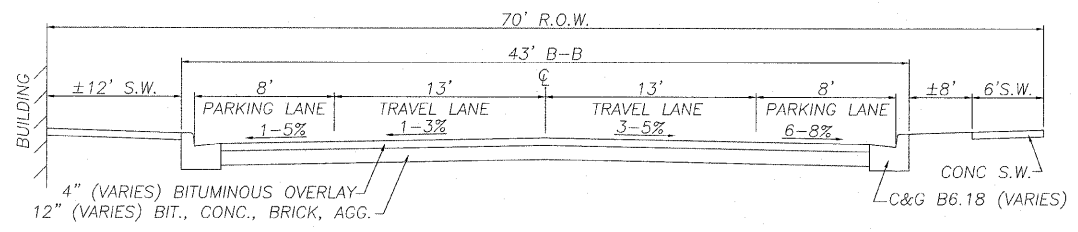
OVERALL PLAN
HENNEPIN AVE.
SECTION 03-00160-00-PV
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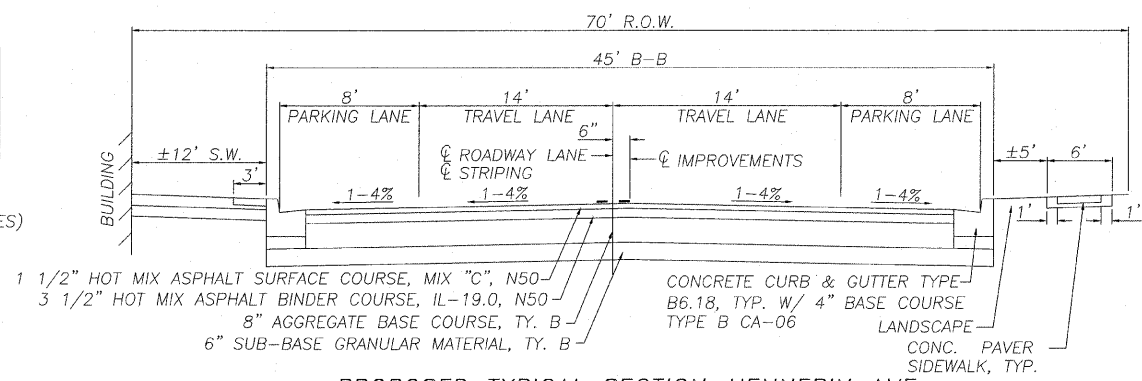
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 Job: 2090205

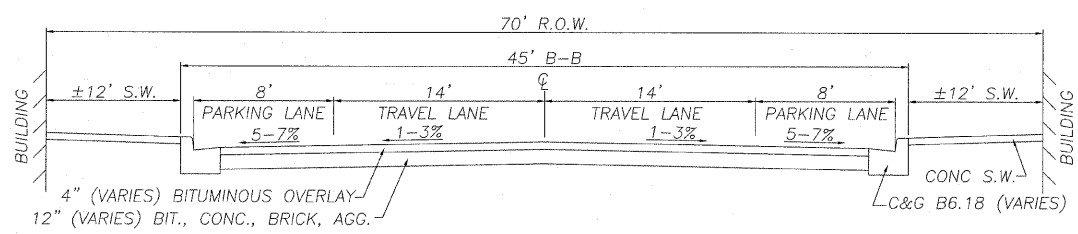
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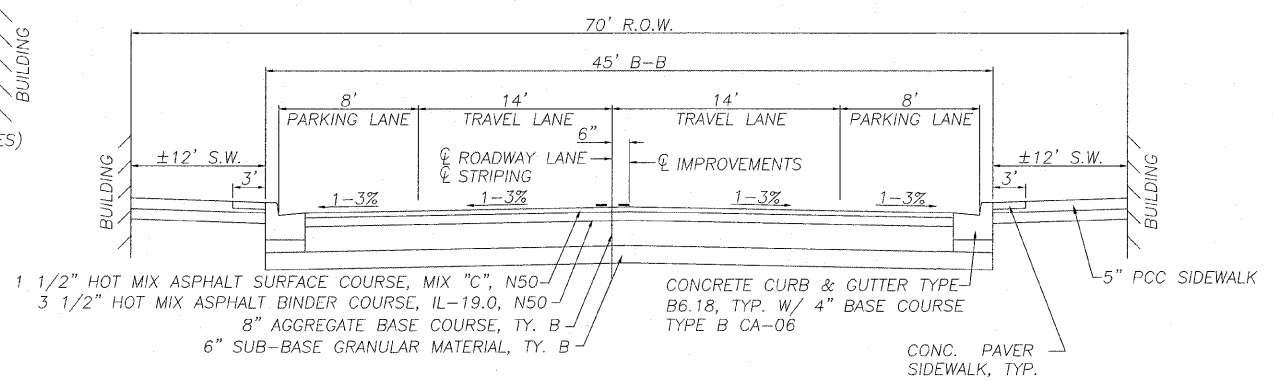
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RIVER STREET-ALLEY
LOOKING NORTH**



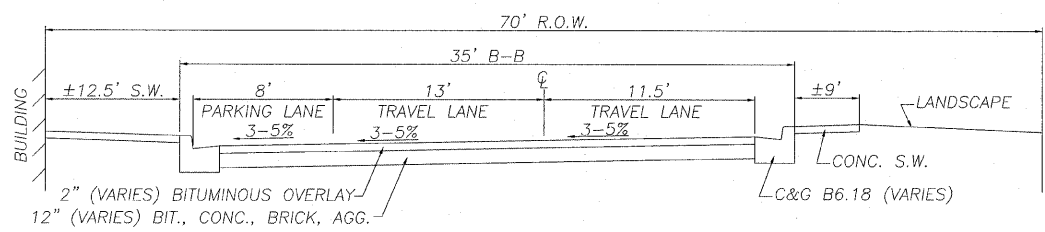
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RIVER STREET-ALLEY
LOOKING NORTH**



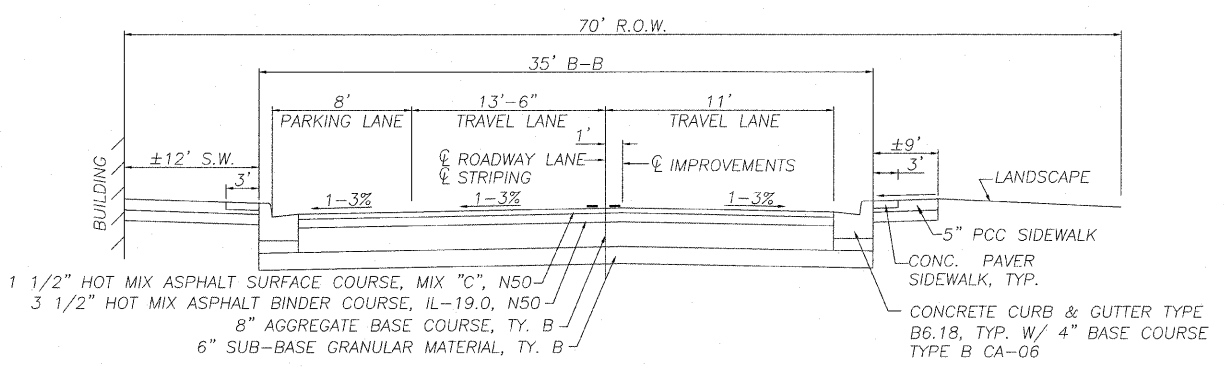
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ALLEY-1ST STREET
LOOKING NORTH**



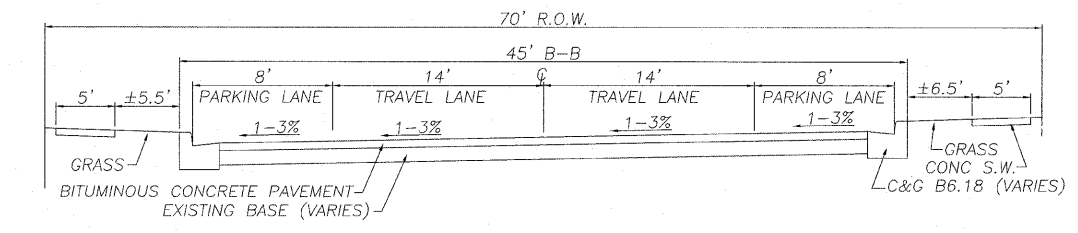
**PROPOSED TYPICAL SECTION-HENNEPIN AVE.
ALLEY-1ST STREET
LOOKING NORTH**



**EXISTING TYPICAL SECTION-HENNEPIN AVE.
1ST STREET-2ND STREET
LOOKING NORTH**



**PROPOSED TYPICAL SECTION-HENNEPIN AVE.
1ST STREET-2ND STREET
LOOKING NORTH**




**EXISTING TYPICAL SECTION-HENNEPIN AVE.
2ND STREET-3RD STREET
LOOKING NORTH**

STRUCTURAL DESIGN TRAFFIC: YEAR 2020	
PV = 2150	SU = 44 MU = 22
ROAD/STREET CLASSIFICATION: CLASS II 80,000 LB	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 97	S = 2 M = 1
TRAFFIC FACTOR: Actual TF = 0.118	
PG GRADE: Binder = PG64-22 Surface = PG64-22	
SUBGRADE SUPPORT RATING: ASSUMED POOR	

	HMA BINDER & PATCHES	HMA SURFACE
PG GRADE	PG64-22	PG64-22
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION	IL 19.0	IL 12.5 OR IL 9.5
FRICTION AGGREGATE		MIXTURE C

TYPICAL SECTIONS

**HENNEPIN AVE.
SECTION 03-00160-00-PV
CITY OF DIXON**



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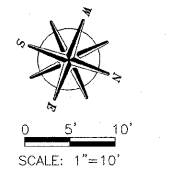
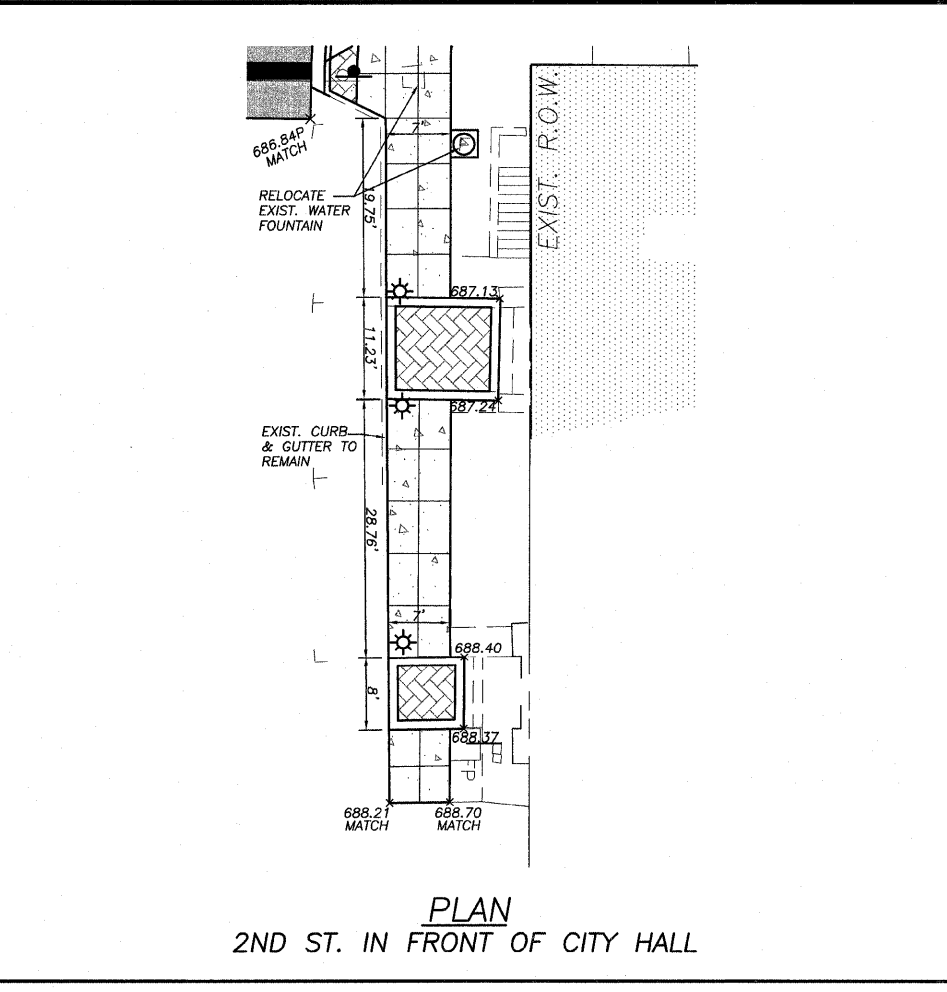
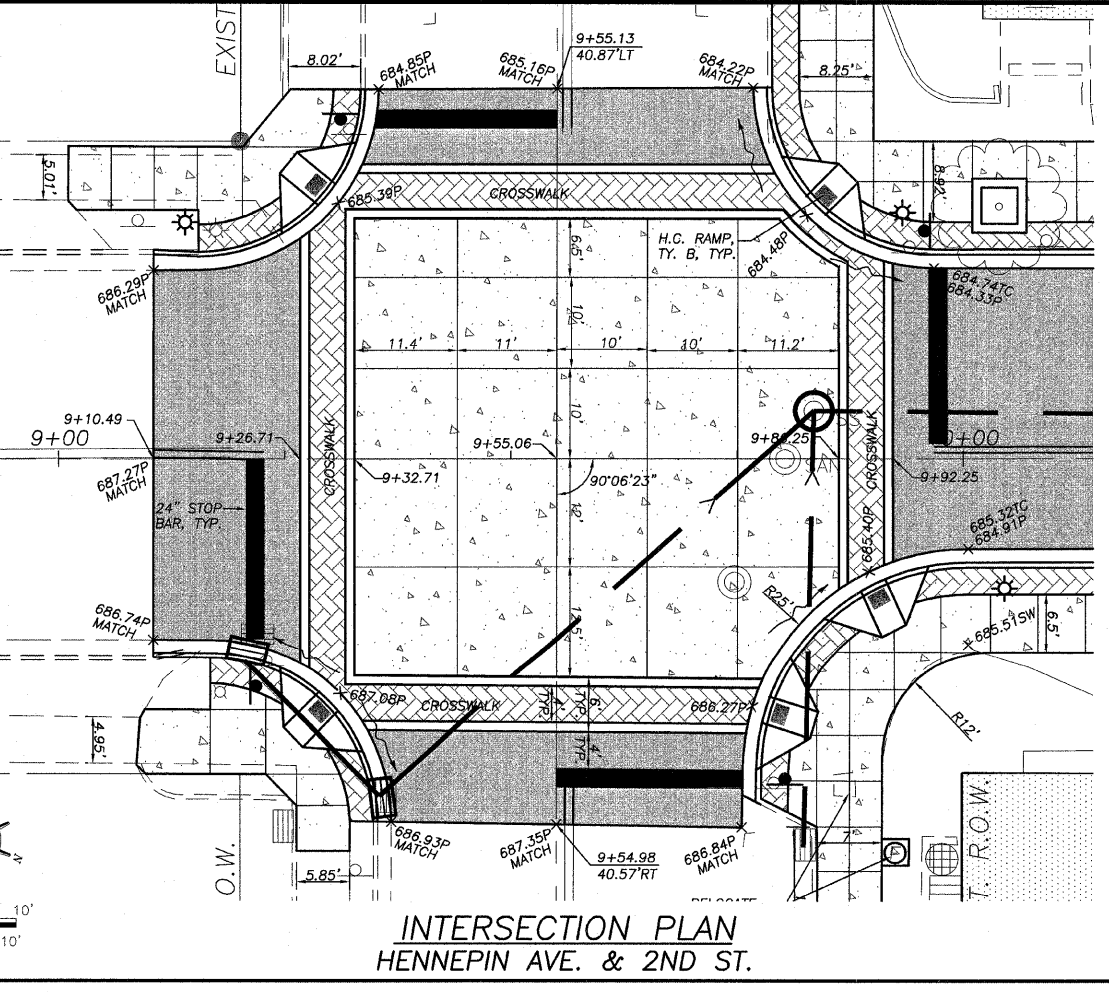
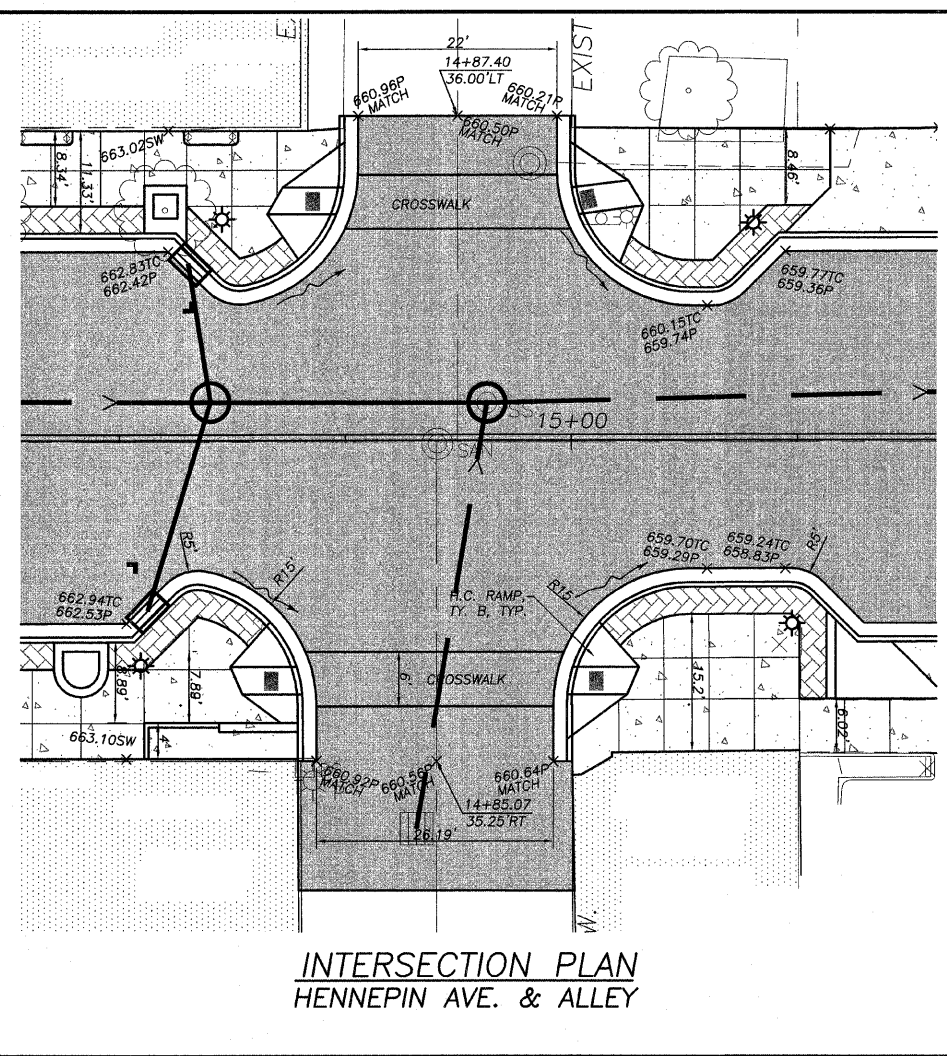
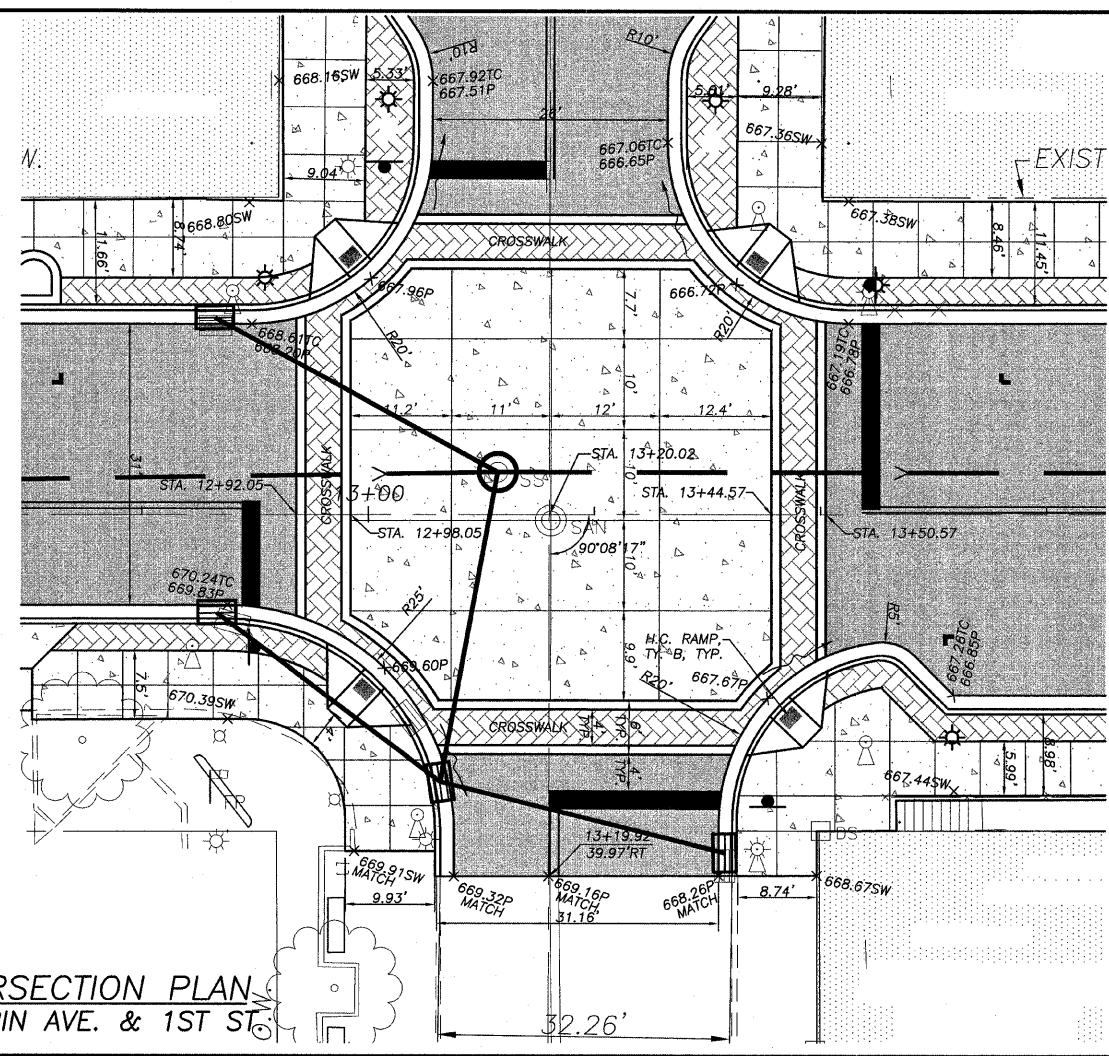
Date:
09/25/09

Job:
2090205

ph: 815.288.2281

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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
R. B. L. F.A.J. 5489	*	LEE	35	7
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	
* Section 03-00160-00-PV			Contract #85503	



INTERSECTION DETAILS

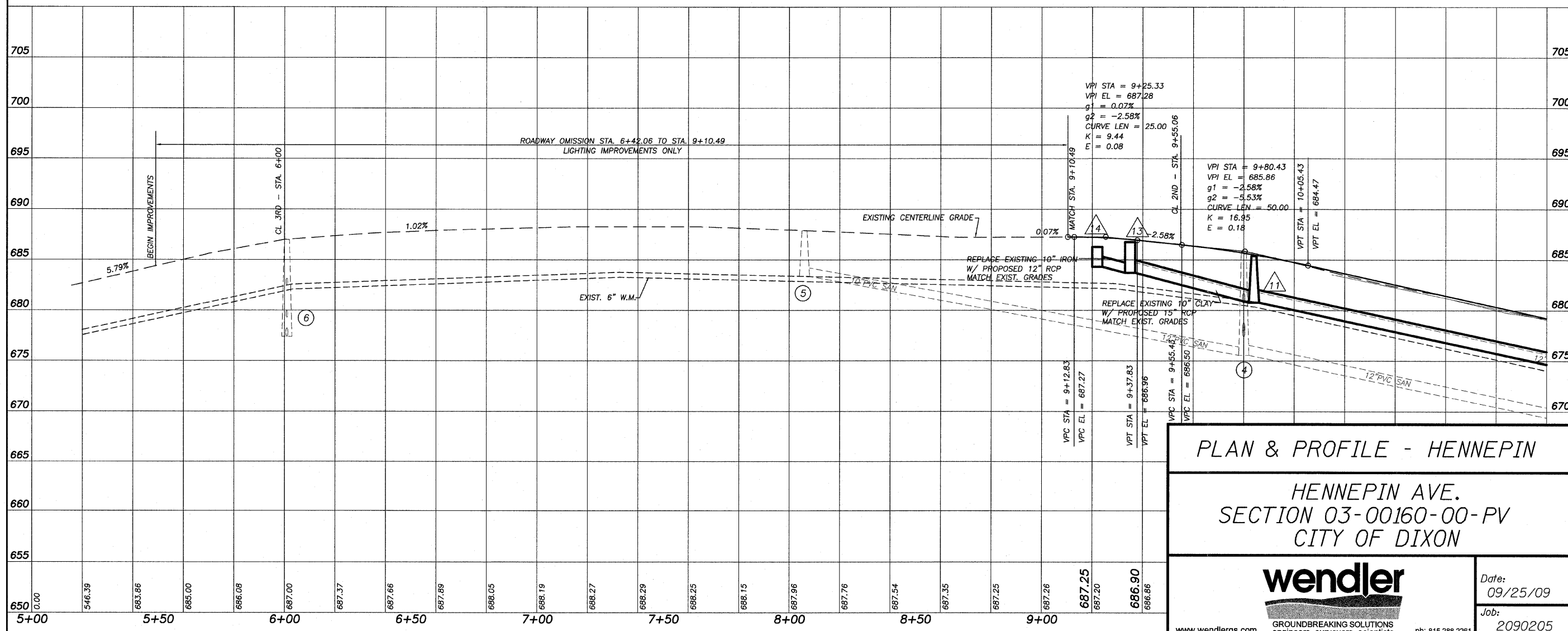
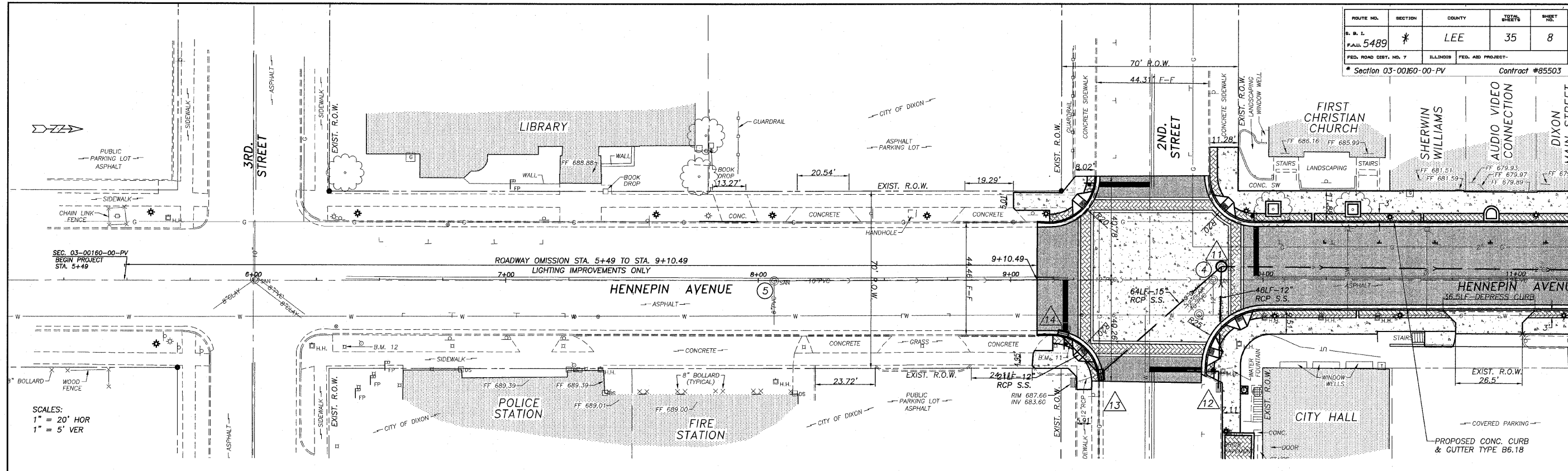
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SECTION 03-00160-00-PV
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Job: 2090205
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
R. B. L. F.A. 5489	*	LEE	35	8
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

* Section 03-00160-00-PV Contract #85503



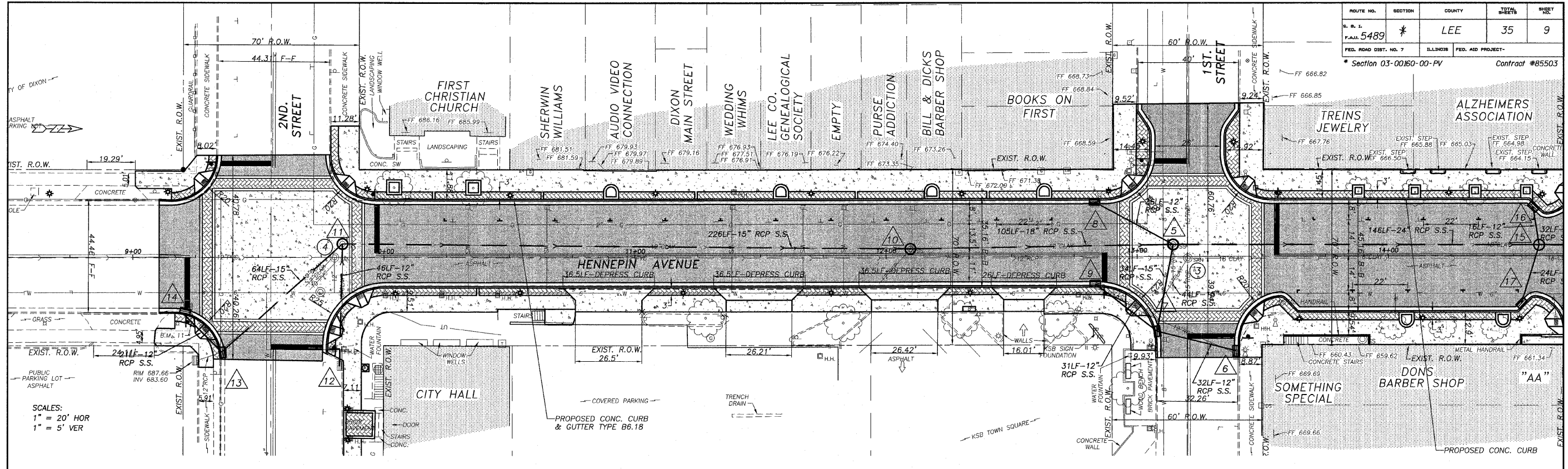
PLAN & PROFILE - HENNEPIN

HENNEPIN AVE.
SECTION 03-00160-00-PV
CITY OF DIXON

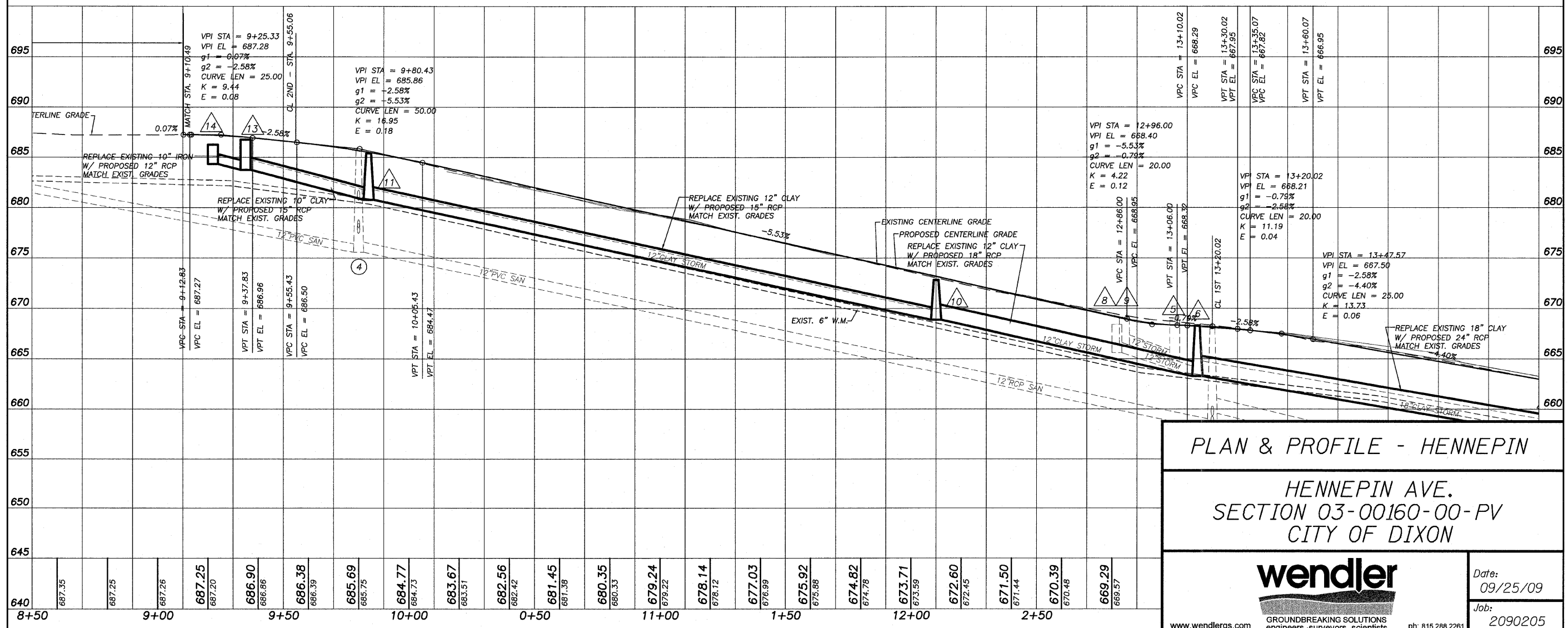
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SCALES:
 1" = 20' HOR
 1" = 5' VER



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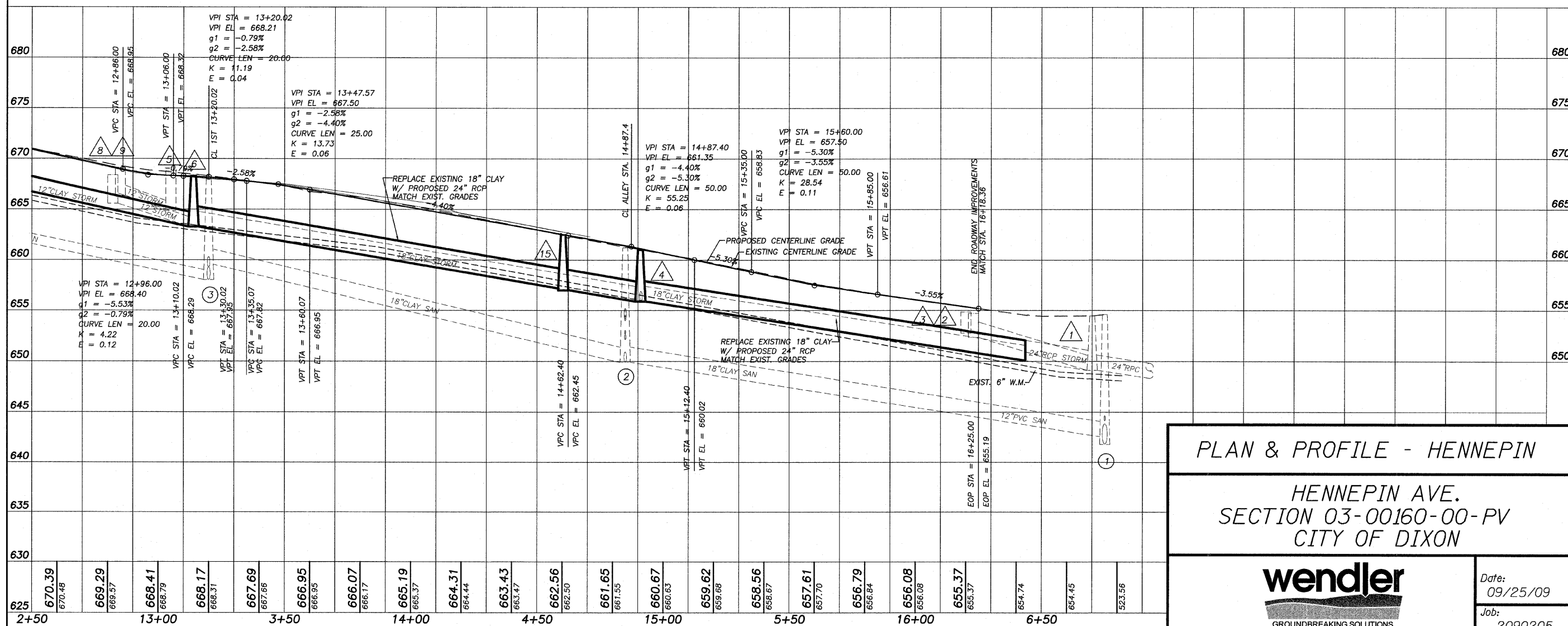
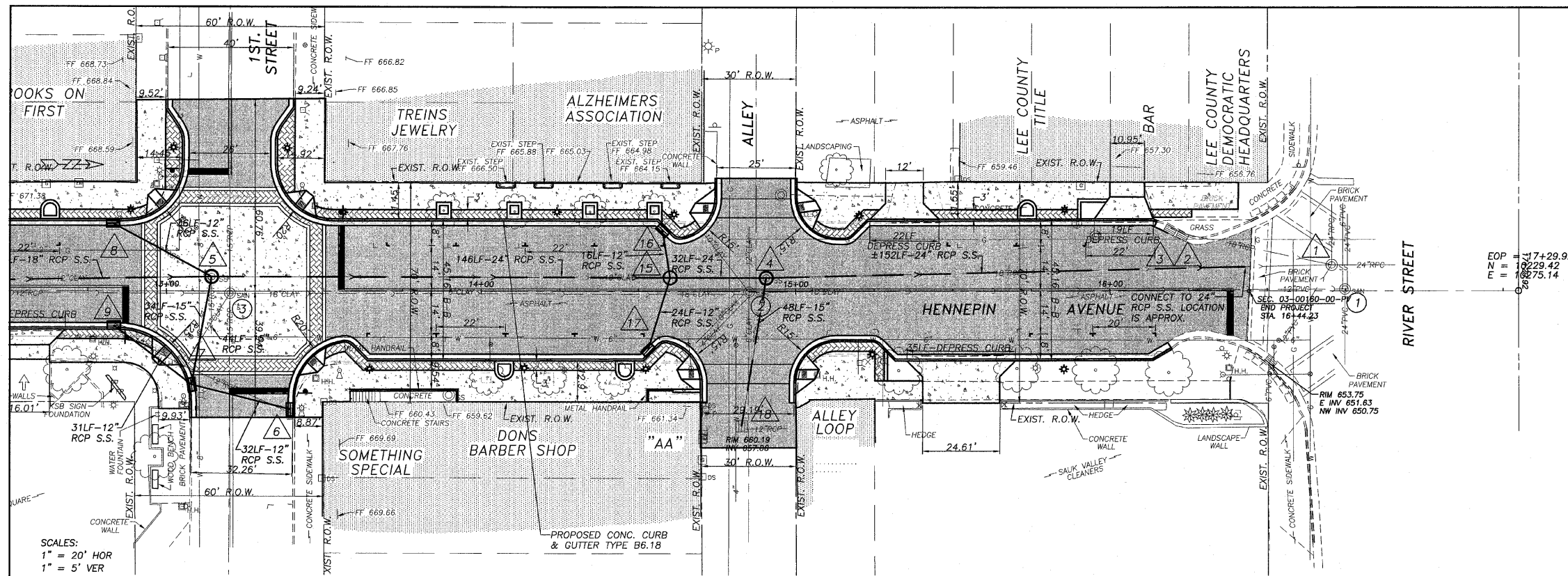
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S. B. I.	*	LEE	35	10
F.A.A. 5489				
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		
* Section 03-00160-00-PV			Contract #85503	



PLAN & PROFILE - HENNEPIN

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CITY OF DIXON



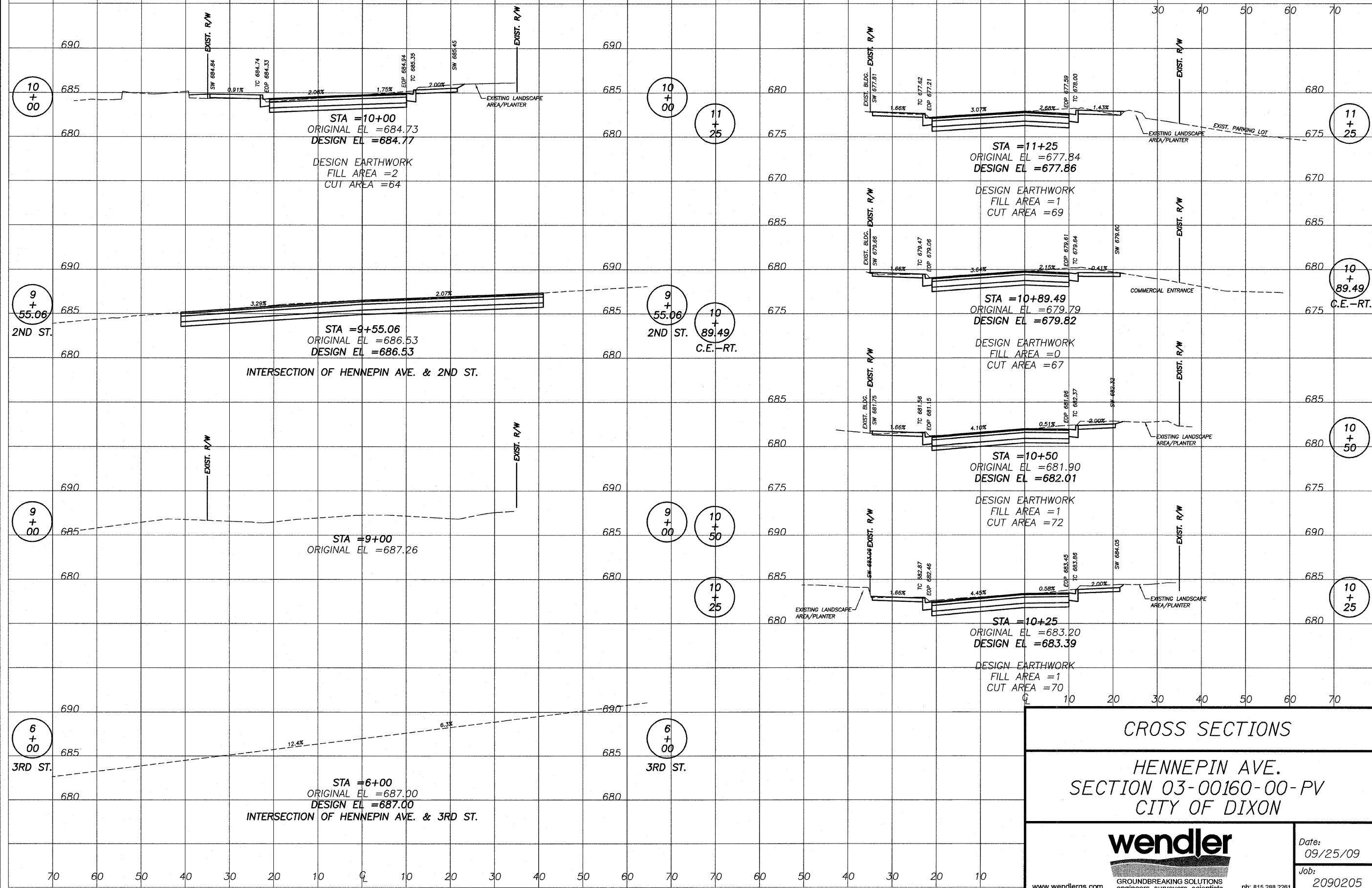
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ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
6. N. L.	*	LEE	35	11
F.A.A. 5489				
FED. ROAD DIST. NO. 7		ILLINOIS		FED. AID PROJECT-
* Section 03-00160-00-PV				Contract #85503



CROSS SECTIONS
HENNEPIN AVE.
SECTION 03-00160-00-PV
CITY OF DIXON

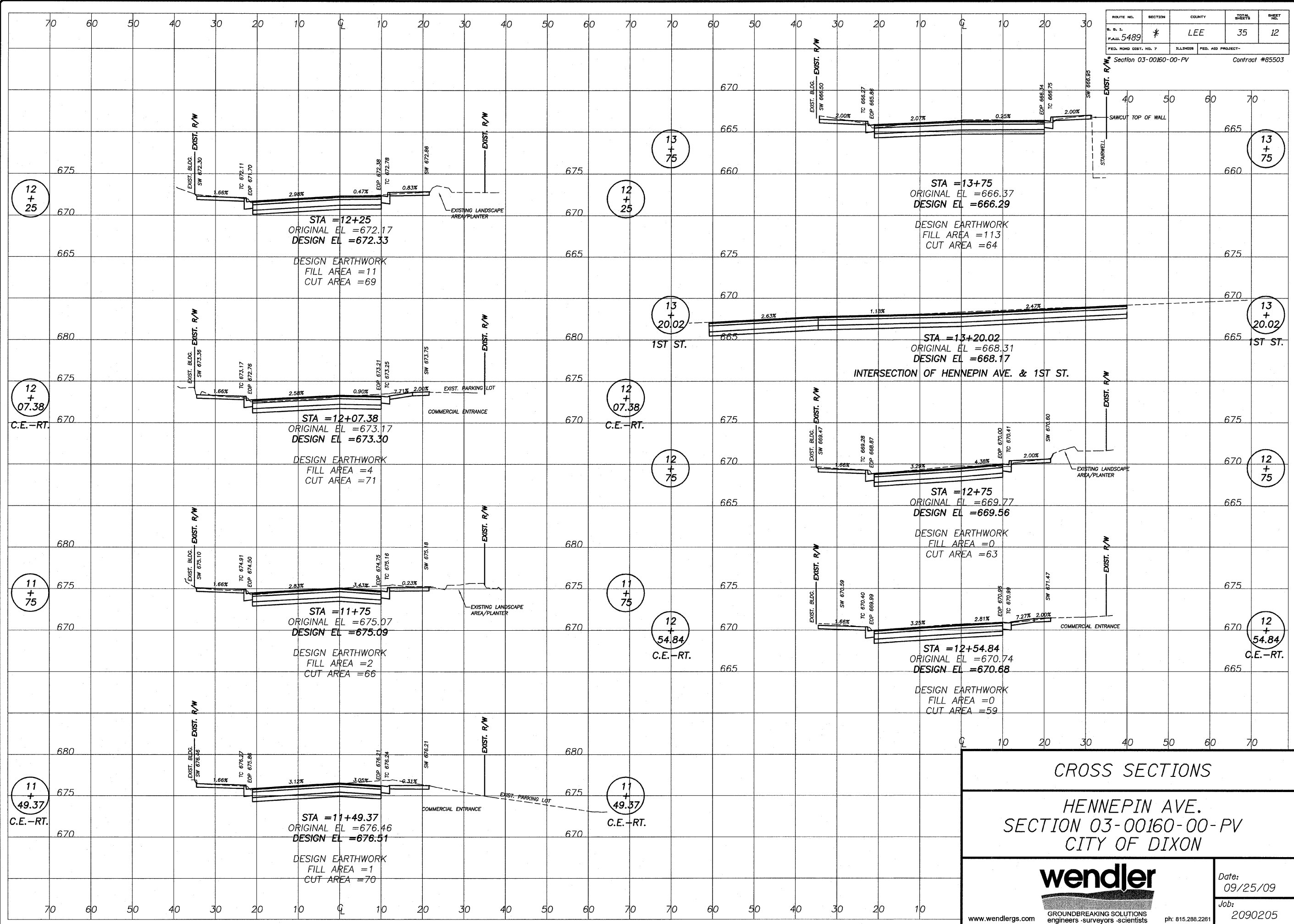
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
U. S. 1.	*	LEE	35	12
P.A.A. 5489				
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		
Section 03-00160-00-PV			Contract #85503	



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SECTION 03-00160-00-PV
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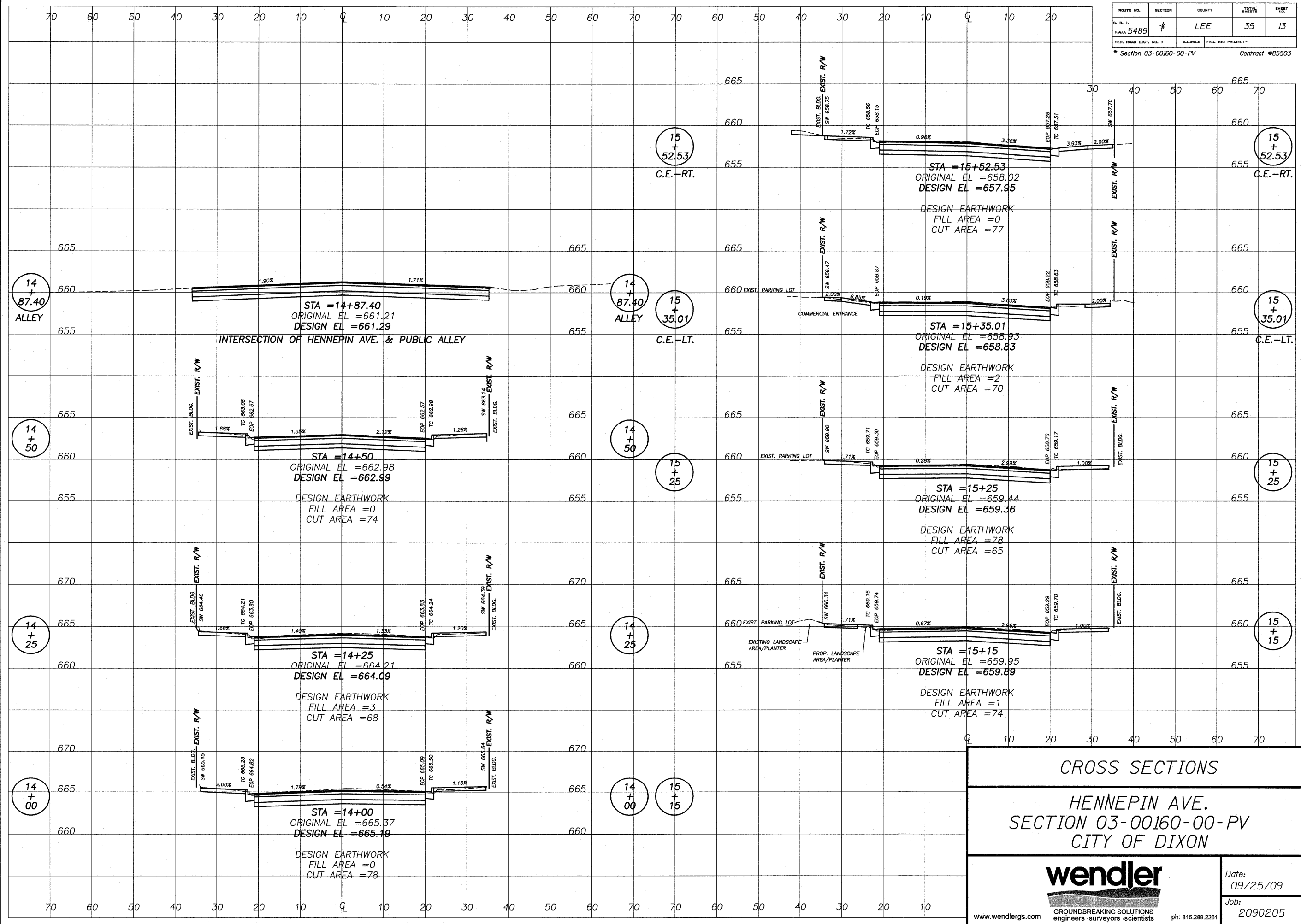
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D. W. L. F.A.A. 5489	*	LEE	35	13
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		
* Section 03-00160-00-PV			Contract #85503	



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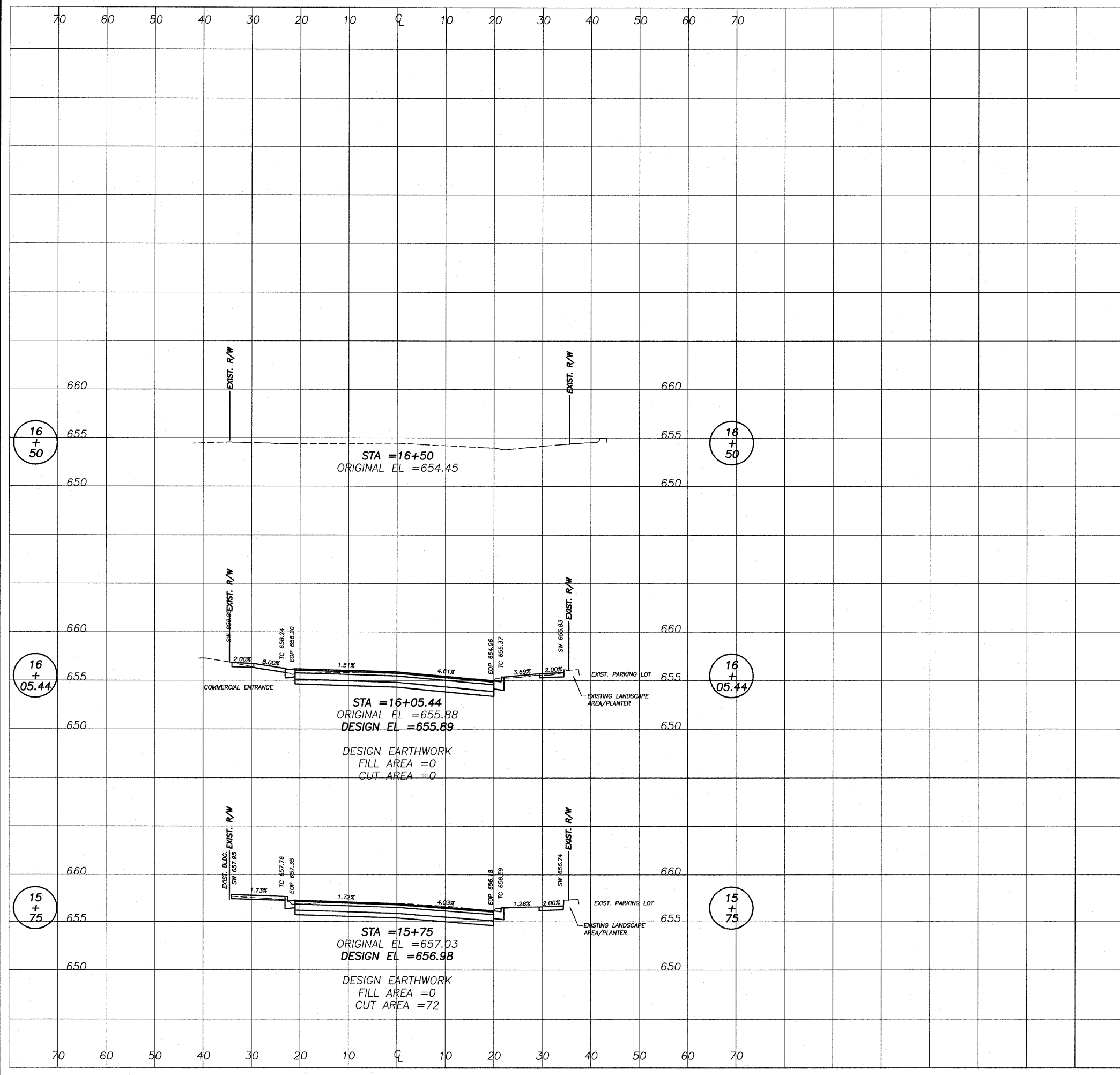
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
P.A.A. 5489	*	LEE	35	14
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	
* Section 03-00160-00-PV			Contract #85503	

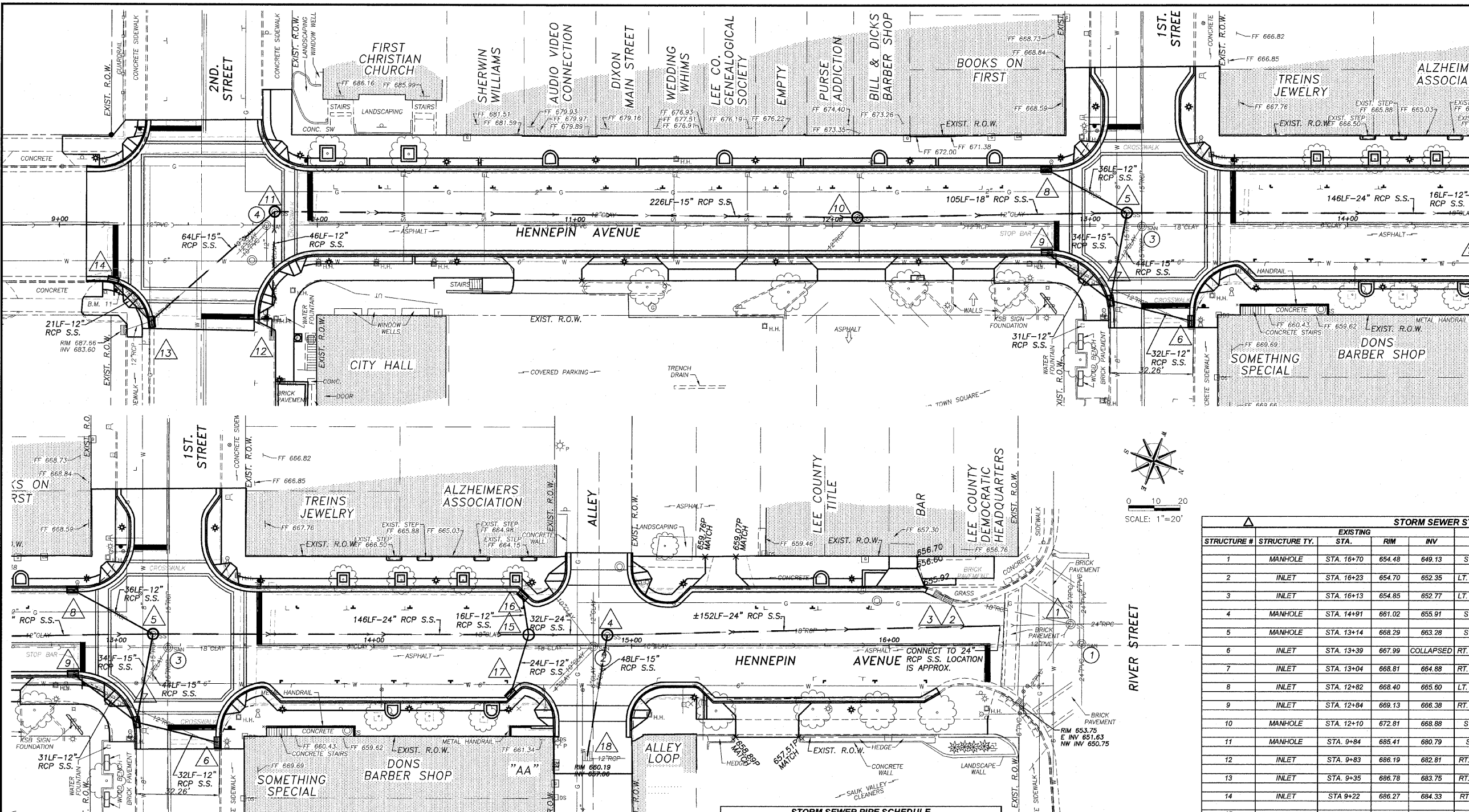


CROSS SECTIONS
HENNEPIN AVE.
SECTION 03-00160-00-PV
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 GROUND BREAKING SOLUTIONS engineers · surveyors · scientists	Date:	09/25/09
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SANITARY SEWER STRUCTURES				
STRUCTURE #	STA.	RIM	EXISTING INV	PROPOSED RIM
1	STA. 16+75	654.61	S-642.59 W-644.15-5" E-641.82	N/A
2	STA. 14+85	661.25	S-654.01-6" S-649.90-18" W-654.21 N-649.93 E-649.92 SE-654.38-10" SE-652.71-4" E-652.15	661.40
3	STA. 13+20	668.03	E-658.04 S-658.04 W-658.04 N-659.55 SE-659.31	668.15
4	STA. 9+80	685.86	N-675.57 S-675.57 SE-680.74-12" SE-677.97-10" E-677.44	685.86
5	STA. 8+06	687.91	683.40	N/A
6	STA. 6+01	687.00	W-677.41 NE-679.30 NE-681.93 SE-682.50	N/A



STORM SEWER STRUCTURES									
STRUCTURE #	STRUCTURE TY.	EXISTING			PROPOSED				
		STA.	RIM	INV	STA.	PAY ITEM	STRUCTURE TYPE	RIM/EOP	INV
1	MANHOLE	STA. 16+70	654.48	649.13	STA. 16+70	N/A	EXIST. TO REMAIN	N/A	N/A
2	INLET	STA. 16+23	654.70	652.35	LT. STA. 16+23	N/A	EXIST. TO REMAIN	N/A	N/A
3	INLET	STA. 16+13	654.85	652.77	LT. STA. 16+13	N/A	EXIST. TO REMAIN	N/A	N/A
4	MANHOLE	STA. 14+91	661.02	655.91	STA. 14+91	60218400	MANHOLE TY. A, 5' DIA.	661.12	655.91
5	MANHOLE	STA. 13+14	668.29	663.28	STA. 13+14	60218400	MANHOLE TY. A, 5' DIA.	668.22	663.28
6	INLET	STA. 13+39	667.99	COLLAPSED	RT. STA. 13+39	60242400	INLET SPECIAL	668.26	665.30
7	INLET	STA. 13+04	668.81	664.88	RT. STA. 13+07	60242400	INLET SPECIAL	669.46	664.88
8	INLET	STA. 12+82	668.40	665.60	LT. STA. 12+82	60242400	INLET SPECIAL	669.12	665.60
9	INLET	STA. 12+84	669.13	666.38	RT. STA. 12+84	60242400	INLET SPECIAL	669.83	666.38
10	MANHOLE	STA. 12+10	672.81	668.88	STA. 12+10	60218400	MANHOLE TY. A, 5' DIA.	673.09	668.88
11	MANHOLE	STA. 9+84	685.41	680.79	STA. 9+84	60218400	MANHOLE TY. A, 5' DIA.	685.41	680.79
12	INLET	STA. 9+83	686.19	682.81	RT. STA. 9+83	N/A	EXIST. TO REMAIN	N/A	N/A
13	INLET	STA. 9+35	686.78	683.75	RT. STA. 9+35	60242400	INLET SPECIAL	686.78	683.75
14	INLET	STA 9+22	686.27	684.33	RT. STA 9+22	60242400	INLET SPECIAL	686.91	684.33
15					STA. 14+60	60218400	MANHOLE TY. A, 5' DIA.	662.47	657.30
16					LT. STA. 14+58	60242400	INLET SPECIAL	662.42	657.60
17					RT. STA. 14+53	60242400	INLET SPECIAL	662.53	657.80
18	INLET	STA 14+83	660.19	657.06					660.55

NOTE: USE EDGE OF PAVEMENT ELEVATIONS FOR INLET HEIGHTS

STORM SEWER PIPE SCHEDULE		
550A0050	STORM SEWERS, CLASS A, TYPE 1 - 12"	
LOCATION	UNIT	QUANTITY
STRUCTURE 14-13	FOOT	21
STRUCTURE 8-5	FOOT	36
STRUCTURE 9-7	FOOT	31
STRUCTURE 8-7	FOOT	32
STRUCTURE 15-16	FOOT	32
	TOTAL	152
550A0070	STORM SEWERS, CLASS A, TYPE 1 - 15"	
LOCATION	UNIT	QUANTITY
STRUCTURE 4-18	FOOT	48
STRUCTURE 13-11	FOOT	64
STRUCTURE 11-10	FOOT	226
	TOTAL	338
550A0340	STORM SEWERS, CLASS A, TYPE 2 - 12"	
LOCATION	UNIT	QUANTITY
STRUCTURE 7-5	FOOT	34
STRUCTURE 12-11	FOOT	46
STRUCTURE 15-17	FOOT	24
	TOTAL	104
550A0380	STORM SEWERS, CLASS A, TYPE 2 - 18"	
LOCATION	UNIT	QUANTITY
STRUCTURE 10-5	FOOT	105
	TOTAL	105
550A0410	STORM SEWERS, CLASS A, TYPE 2 - 24"	
LOCATION	UNIT	QUANTITY
STRUCTURE 6-15	FOOT	146
STRUCTURE 15-4	FOOT	32
STRUCTURE 4-EXSIT.	FOOT	152
	TOTAL	330

UTILITY PLAN

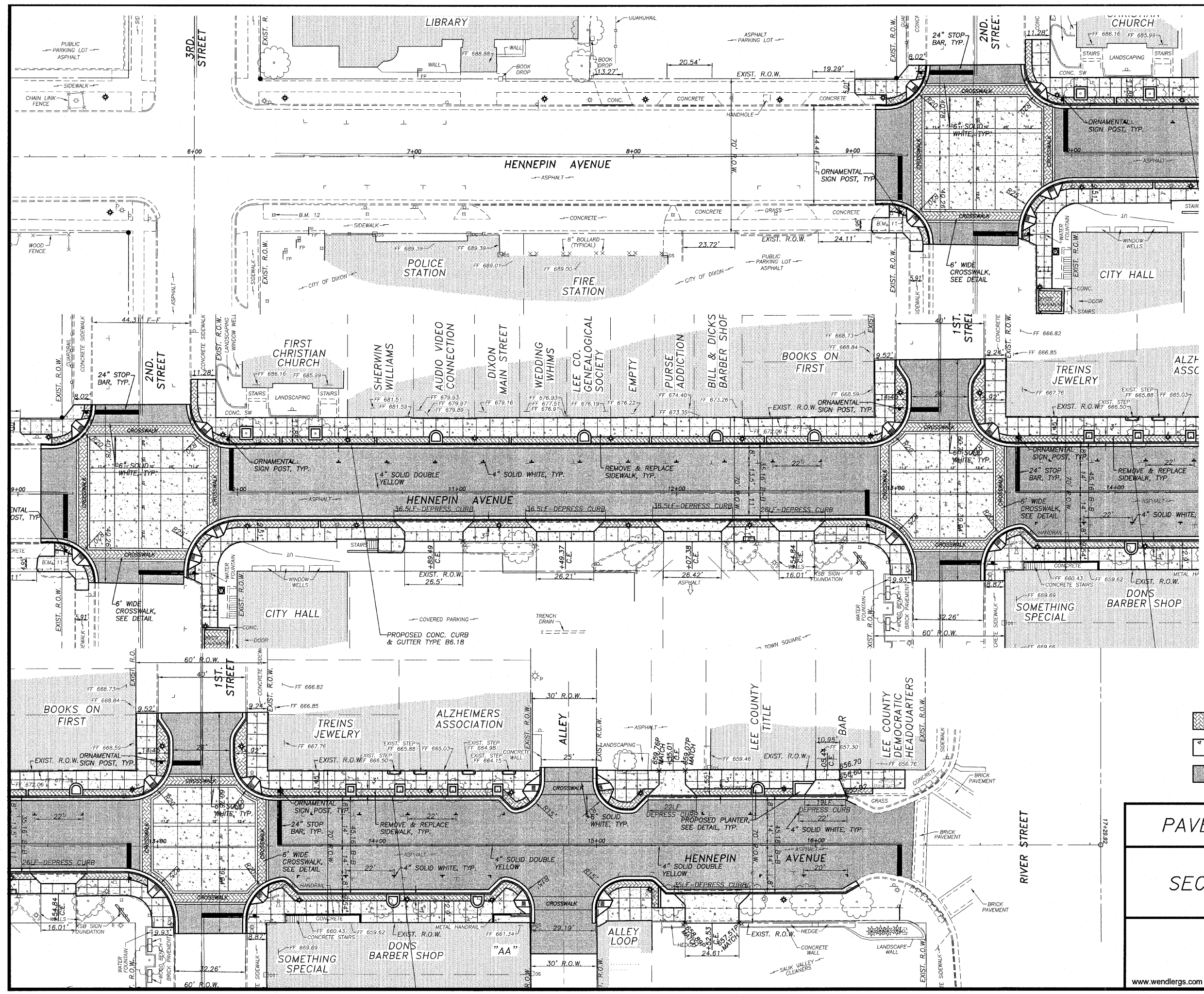
HENNEPIN AVE.
SECTION 03-00160-00-PV
CITY OF DIXON

Date:
09/25/09

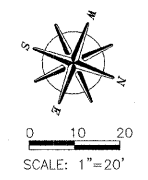
Job:
2090205

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ITEM NO.	DESCRIPTION	UNIT	QUANTITY
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4" YELLOW		
	INTERSECTION OF 2ND & HENNEPIN	FOOT	40
	BETWEEN 2ND ST. & 1ST. ON HENNEPIN	FOOT	582
	INTERSECTION OF 1ST & HENNEPIN	FOOT	64
	BETWEEN 1ST & RIVER ST. ON HENNEPIN	FOOT	570
	TOTAL		1256
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4" WHITE		
	INTERSECTION OF 2ND ST. & 1ST. ON HENNEPIN	FOOT	34
	BETWEEN 1ST & RIVER ST. ON HENNEPIN	FOOT	43
	TOTAL		77
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6" WHITE		
	INTERSECTION OF 2ND & HENNEPIN	FOOT	356
	INTERSECTION OF 1ST & HENNEPIN	FOOT	304
	INTERSECTION OF ALLEY & HENNEPIN	FOOT	54
	TOTAL		714
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24" WHITE		
	INTERSECTION OF 2ND & HENNEPIN	FOOT	82
	INTERSECTION OF 1ST & HENNEPIN	FOOT	65
	INTERSECTION OF RIVER ST. & HENNEPIN	FOOT	14
	TOTAL		161
XX005043	ORNAMENTAL SIGN POST		
	LT. STA. 9+21	EACH	1
	RT. STA. 9+31	EACH	1
	LT. STA. 9+80	EACH	1
	RT. STA. 9+96	EACH	1
	LT. STA. 12+87	EACH	1
	RT. STA. 13+02	EACH	1
	LT. STA. 13+44	EACH	1
	RT. STA. 13+56	EACH	1
	TOTAL		8
72000100	SIGN PANEL - TYPE 1		
	LT. STA. 9+21 R1-1 STOP, R1-3	SQ. FT.	6.75
	RT. STA. 9+31 R1-1 STOP, R1-3	SQ. FT.	6.75
	LT. STA. 9+80 R1-1 STOP, R1-3	SQ. FT.	6.75
	RT. STA. 9+96 R1-1 STOP, R1-3	SQ. FT.	6.75
	LT. STA. 12+87 R1-1 STOP, R1-3	SQ. FT.	6.75
	RT. STA. 13+02 R1-1 STOP, R1-3	SQ. FT.	6.75
	LT. STA. 13+44 R1-1 STOP, R1-3	SQ. FT.	6.75
	RT. STA. 13+56 R1-1 STOP, R1-3	SQ. FT.	6.75
	TOTAL		54



- CONCRETE PAVERS
- PCC CONCRETE PAVEMENT
- HOT MIX ASPHALT

PAVEMENT & STRIPING PLAN

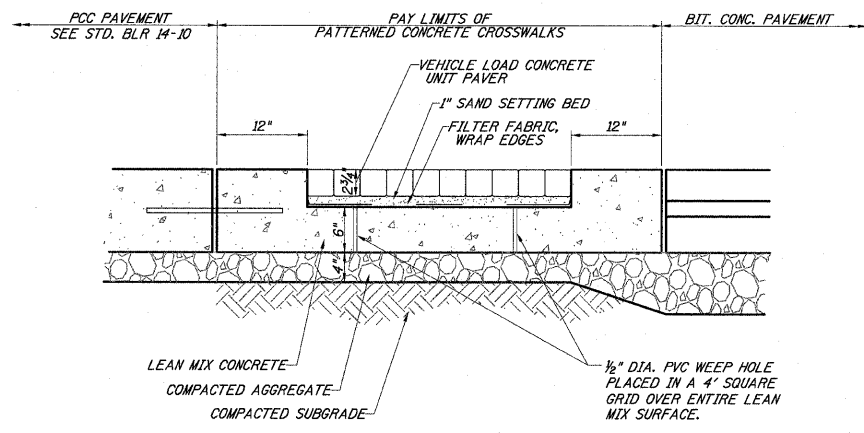
HENNEPIN AVE.
SECTION 03-00160-00-PV
CITY OF DIXON

Date:
09/25/09

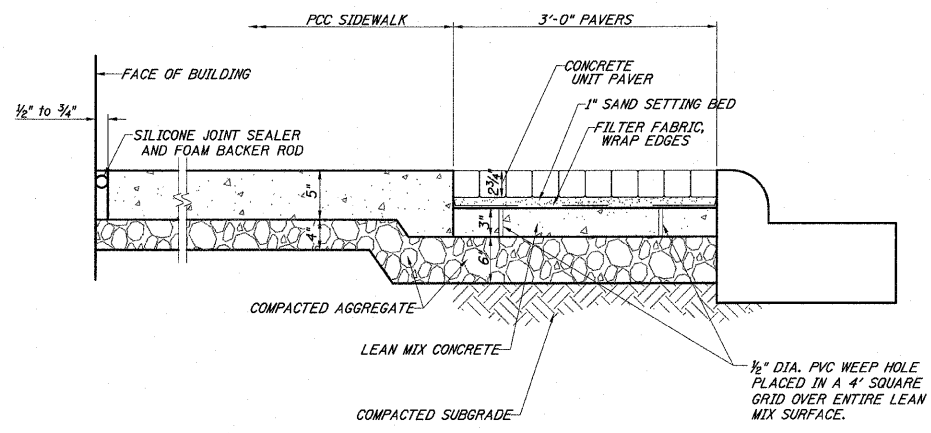
Job:
2090205

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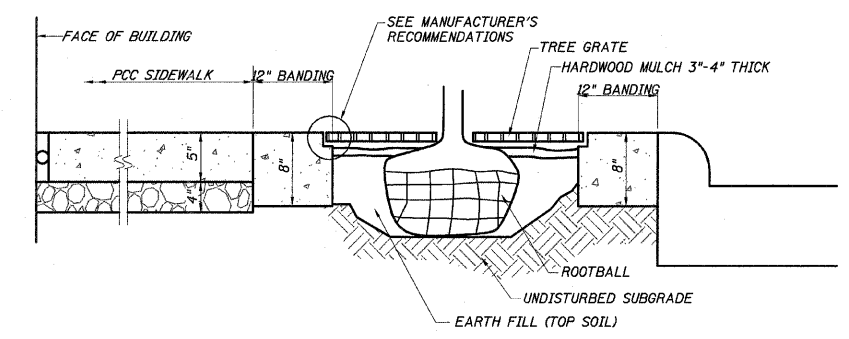
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ILL. 5489	*	LEE	35	17
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		
* Section 03-00160-00-PV			Contract #85503	



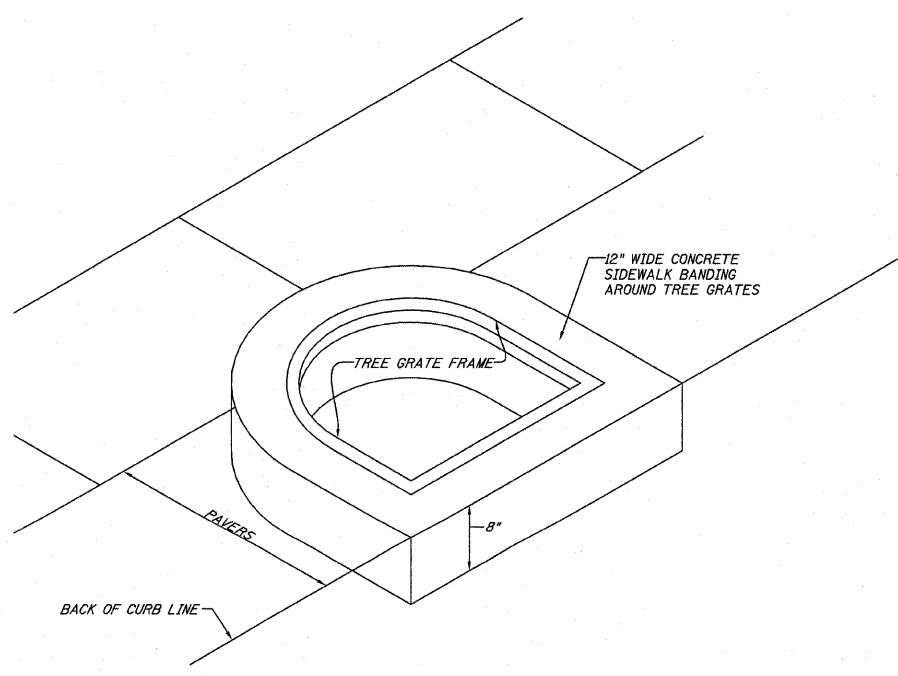
SECTION THRU PATTERNED CONCRETE CROSSWALKS



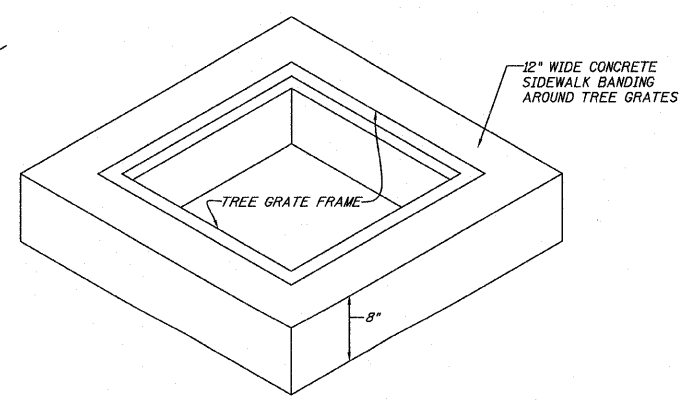
SECTION THRU PRECAST CONCRETE SIDEWALKS



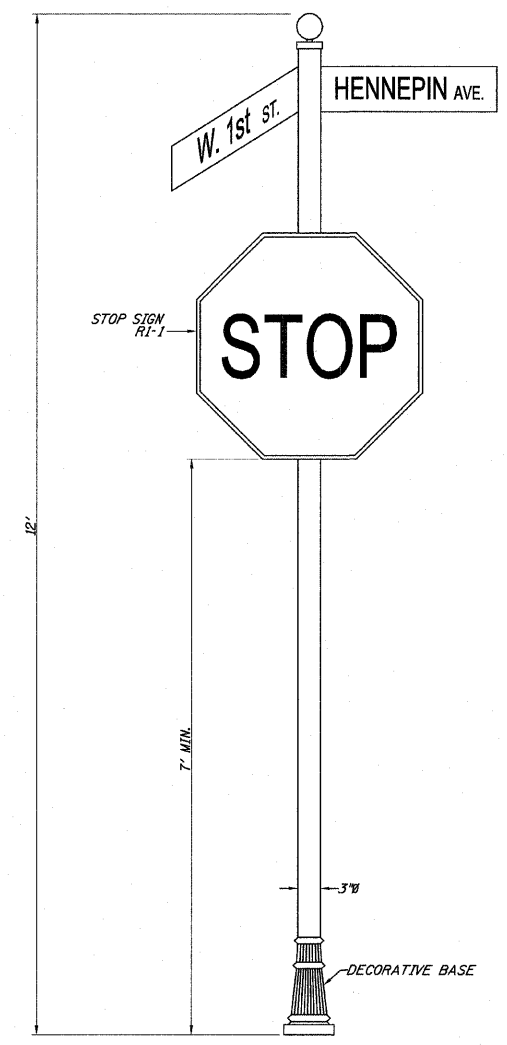
TREE PLANTING & GRATE DETAIL (SEE SPECIAL PROVISIONS)



TYPICAL ROUNDED TREE FRAME GRATE SURROUND (SEE SPECIAL PROVISIONS)

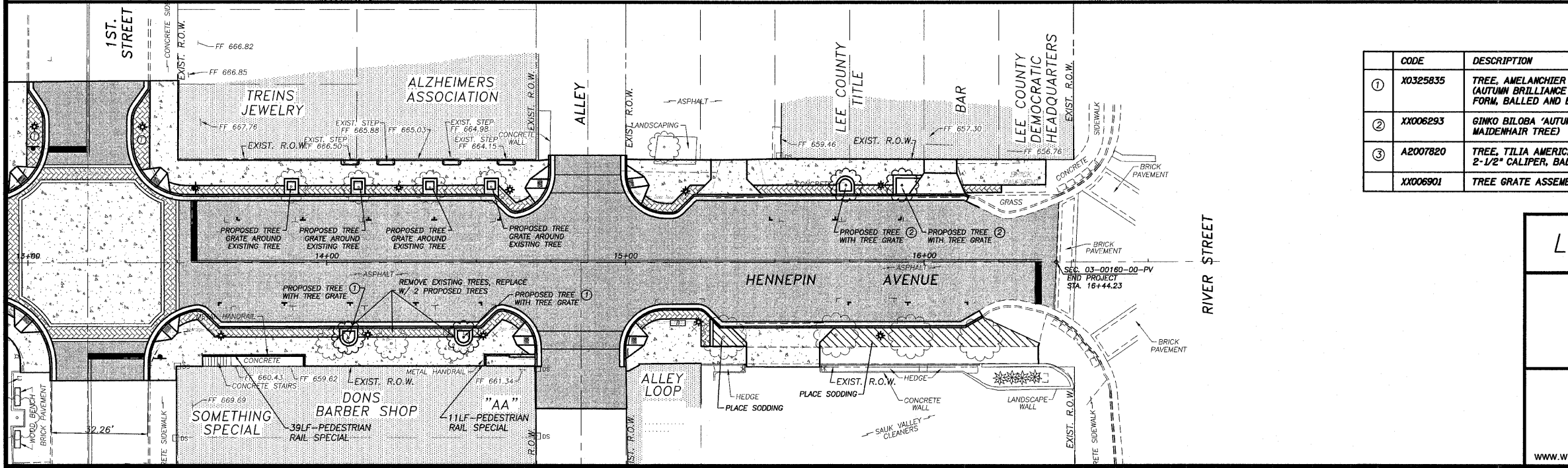
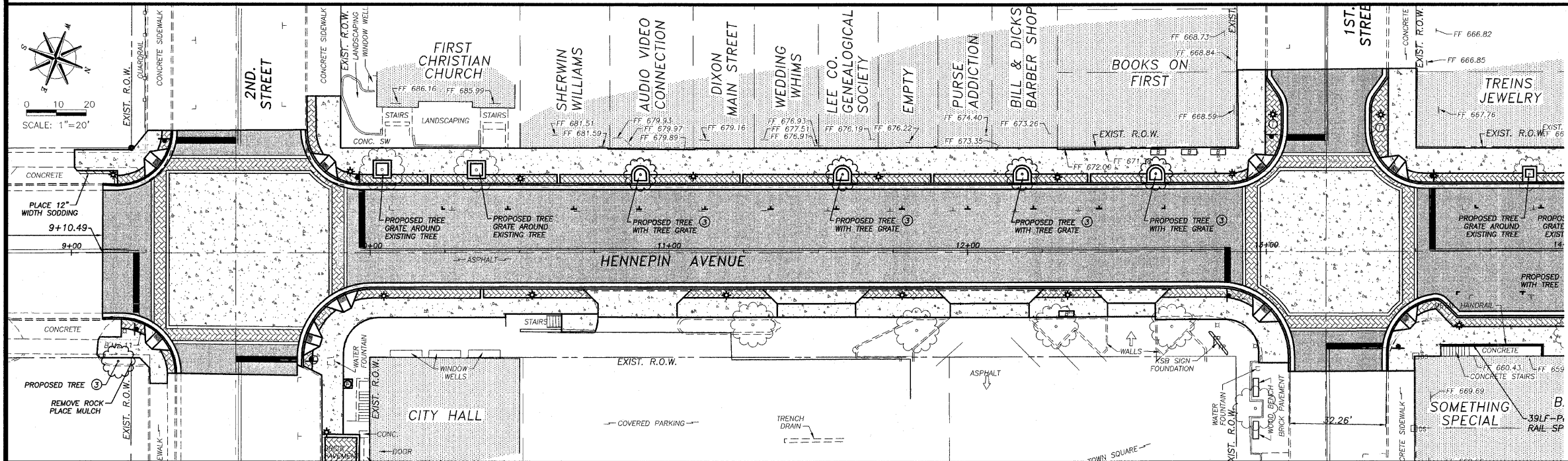
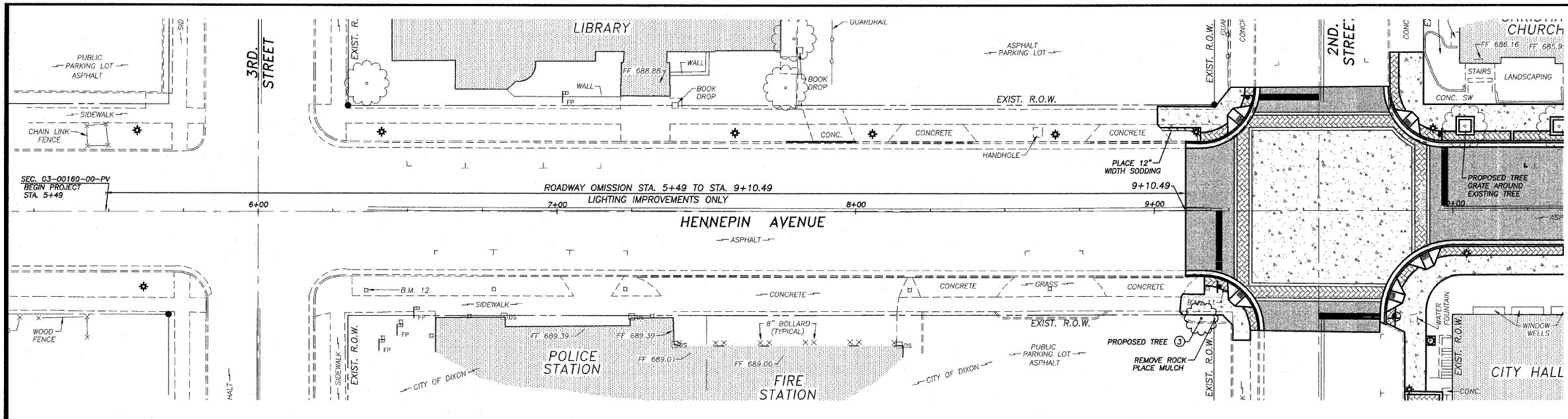


TYPICAL SQUARE TREE FRAME GRATE SURROUND (SEE SPECIAL PROVISIONS)



TYPICAL ORNAMENTAL SIGN POST DETAIL (SEE SPECIAL PROVISIONS)

SIDEWALK DETAILS	
HENNEPIN AVE. SECTION 03-00160-00-PV CITY OF DIXON	
wendler GROUND BREAKING SOLUTIONS engineers - surveyors - scientists	Date: 09/25/09 Job: 2090205
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25200100	SODDING		
	LOCATION	UNIT	QUANTITY
	RT. STA. 15+64 - RT. STA. 16+20	SQ. YD.	48
	TOTAL		48

21101615	TOPSOIL FURNISH & PLACE, 4"		
	LOCATION	UNIT	QUANTITY
	RT. STA. 15+64 - RT. STA. 16+20	SQ. YD.	48
	TOTAL		48

X0444100	BENCHES		
	LOCATION	UNIT	QUANTITY
	RT. STA. 12+35	EACH	1
	LT. STA. 12+62	EACH	3
	RT. STA. 14+40	EACH	1
	RT. STA. 15+15	EACH	1
	TOTAL		6

XX000959	TRASH RECEPTACLES		
	LOCATION	UNIT	QUANTITY
	RT. STA. 9+80	EACH	1
	LT. STA. 5+00	EACH	1
	RT. STA. 5+38	EACH	1
	TOTAL		3

XX005856	MULCH-SHREDDED HARDWOOD BARK, 3" DEPTH		
	LOCATION	UNIT	QUANTITY
	RT. STA. 9+10	CU. YD.	0.7
	RT. STA. 10+00	CU. YD.	1.0
	RT. STA. 12+90	CU. YD.	1.0
	TOTAL		2.7

TREE SCHEDULE

CODE	DESCRIPTION	UNIT	QUANTITY	NOTES
①	X0325835 TREE, AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICE BERRY, 2" CALIPER, TREE FORM, BALLED AND BURLAPPED)	EACH	2	FLOWERING, FALL COLOR
②	XX006293 GINKGO BILOBA 'AUTUMN GOLD' (AUTUMN GOLD MAIDENHAIR TREE)	EACH	2	MALE CULTIVARS ONLY
③	A2007820 TREE, TILIA AMERICANA (AMERICAN LINDEN/BASSWOOD), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	5	FALL COLOR
XX006901	TREE GRATE ASSEMBLY, COMPLETE	EACH	14	

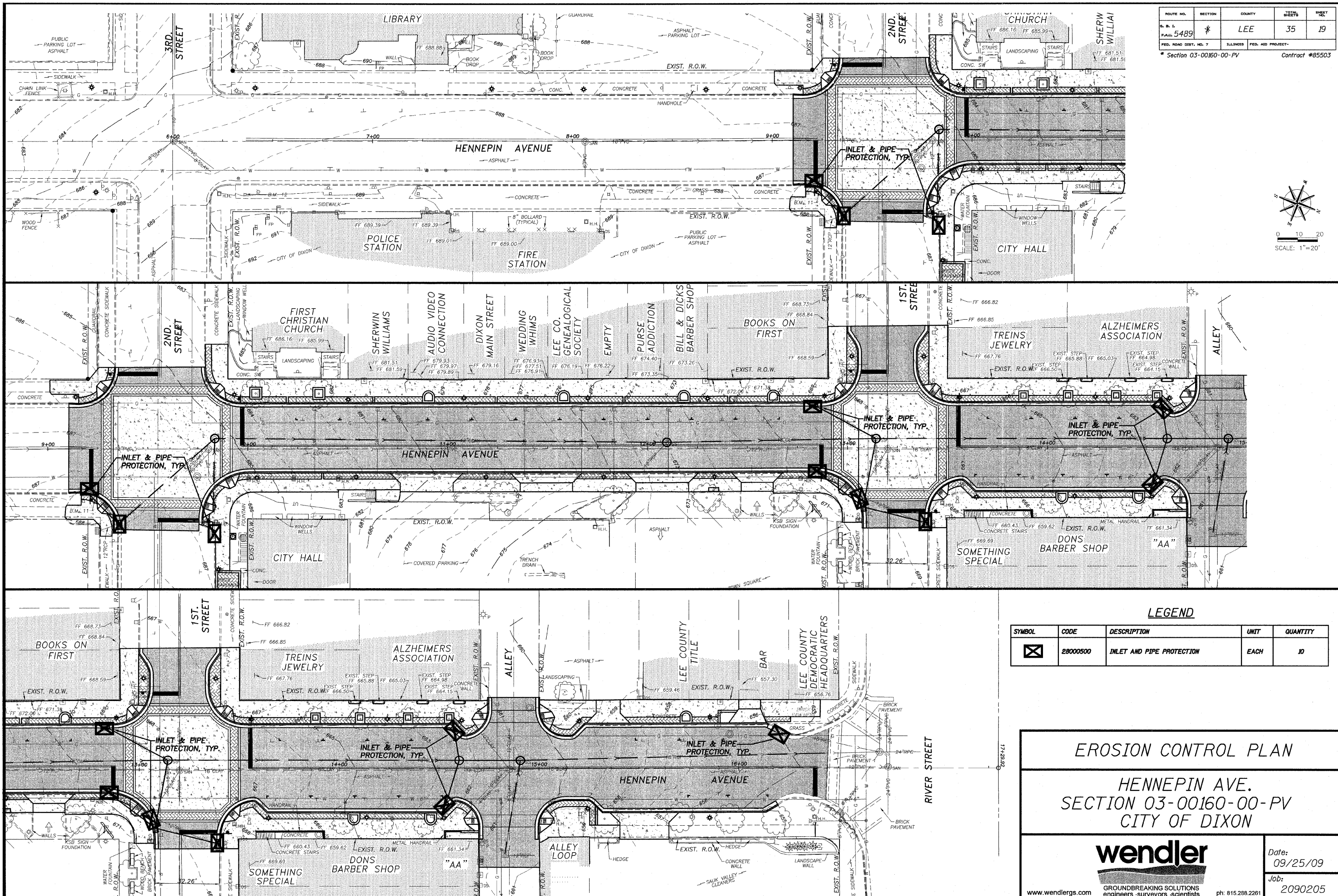
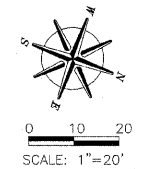
LANDSCAPE & AMMENTITIES PLAN

HENNEPIN AVE. SECTION 03-00160-00-PV CITY OF DIXON

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Job: 2090205
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5489	*	LEE	35	19
F.A.A. 5489		Contract #85503		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT-		
* Section 03-00160-00-PV				



LEGEND

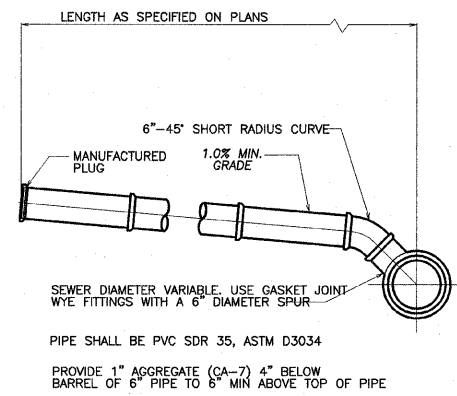
SYMBOL	CODE	DESCRIPTION	UNIT	QUANTITY
☒	28000500	INLET AND PIPE PROTECTION	EACH	10

EROSION CONTROL PLAN
HENNEPIN AVE.
SECTION 03-00160-00-PV
CITY OF DIXON

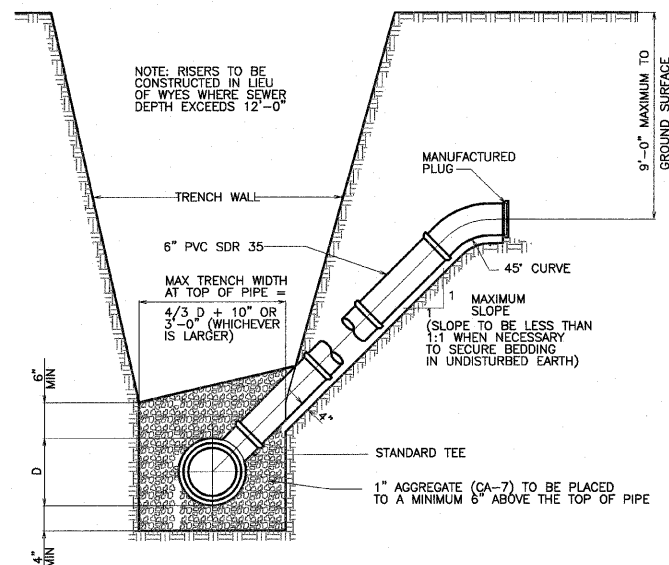
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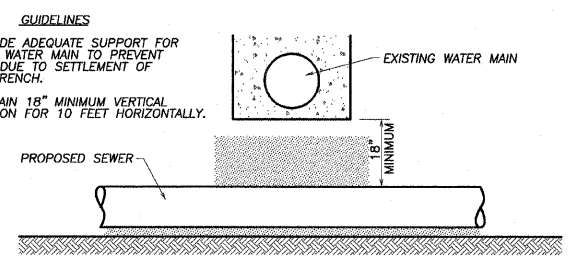


**SANITARY SEWER
6" DIA HOUSE SERVICE CONNECTION**



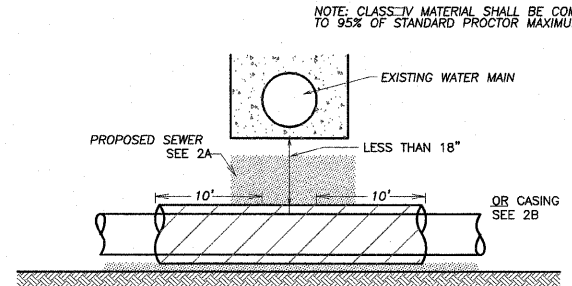
**SECTIONAL ELEVATION
SANITARY SEWER
TYPICAL RISER FOR SERVICE RISER**

PROPOSED SEWER LINE BELOW EXISTING WATER MAIN WITH 18" MINIMUM SEPARATION.



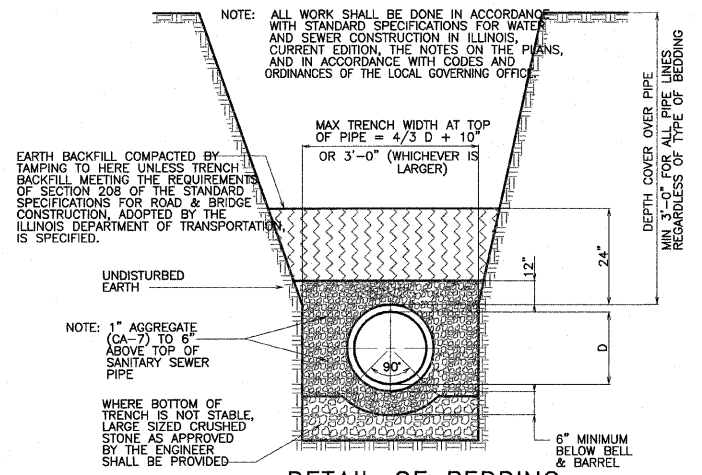
- GUIDELINES**
1. PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH.
 2. MAINTAIN 18" MINIMUM VERTICAL SEPARATION FOR 10 FEET HORIZONTALLY.

PROPOSED SEWER LINE BELOW EXISTING WATER MAIN WITH LESS THAN 18" SEPARATION.



- GUIDELINES**
1. OMIT SELECT GRANULAR CRADLE AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF PIPE AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT FOR 10 FEET ON EITHER SIDE OF WATER MAIN.
 - 2A. CONSTRUCT 10 FEET OF PROPOSED SEWER OF WATER MAIN MATERIAL AND PRESSURE TEST OR
 - 2B. USE 10 FEET OF CASING FOR PROPOSED SEWER AND SEAL ENDS OF CASING.
 3. POINT LOADS SHALL NOT BE ALLOWED BETWEEN SEWER OR SEWER CASING AND WATER MAIN.
 4. PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH.

**WATER AND SEWER
SEPARATION REQUIREMENTS
(VERTICAL SEPARATION)**



**DETAIL OF BEDDING
METHOD OF LAYING
SEWER PIPE**

SANITARY SEWER PIPE SHALL BE PVC SDR 35 ASTM D3034 WITH PUSH TYPE RUBBER GASKET JOINTS ASTM F477 AND CLASS 1 BEDDING ASTM D2321

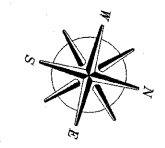
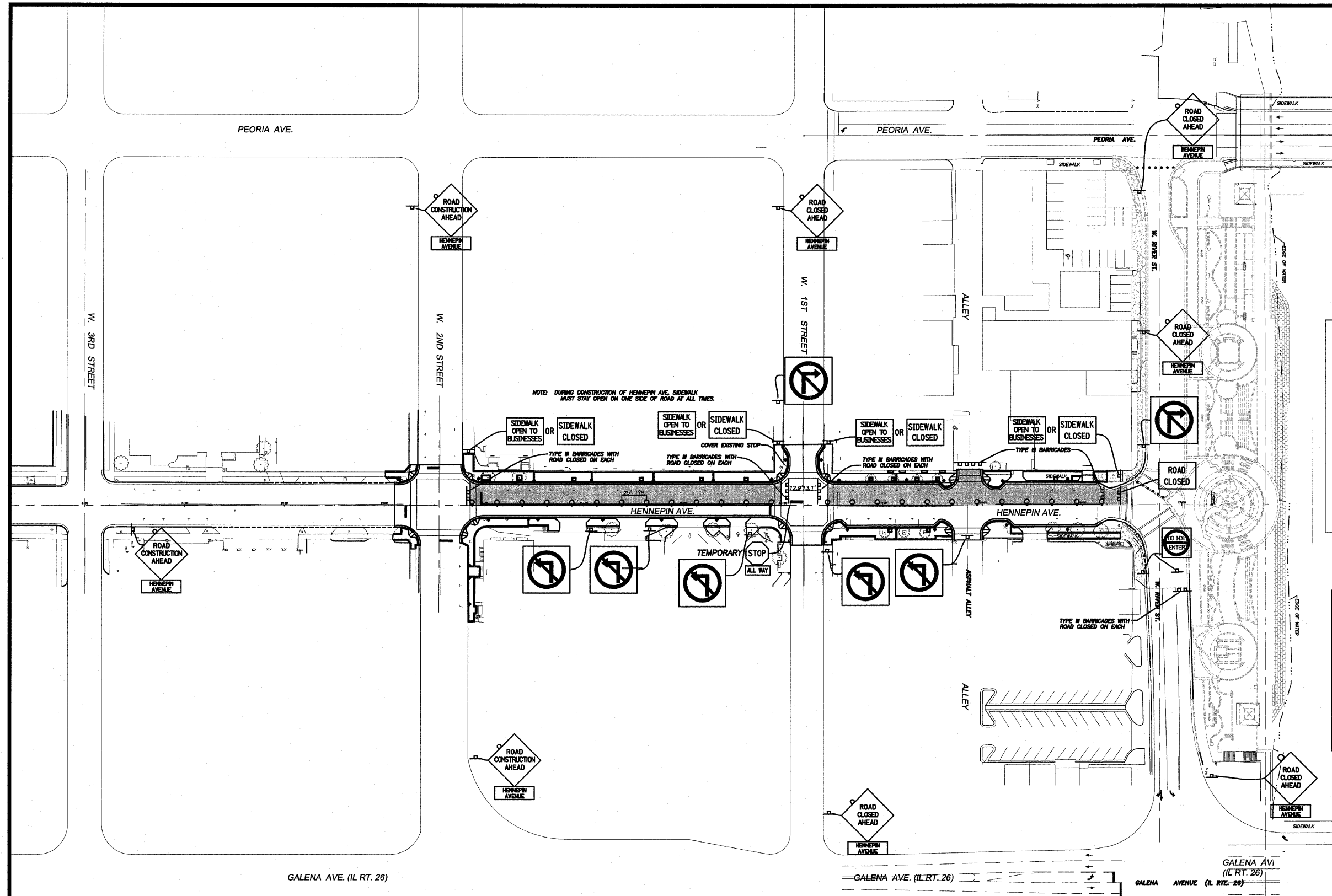
SANITARY SEWER DETAILS
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SECTION 03-00160-00-PV
CITY OF DIXON

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Date: 09/25/09
Job: 2090205

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
R. B. I.	F. A. A.	LEE	35	21
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

* Section 03-00160-00-PV Contract #85503



GENERAL NOTES

- CONTRACTOR SHALL ALLOW TEMPORARY OPENINGS IN CONSTRUCTION FENCE TO ALLOW ACCESS TO LOCAL BUSINESSES AND CROSSWALKS.
- CONTRACTOR TO MAINTAIN VEHICULAR & PEDESTRIAN ACCESS TO LOCAL BUSINESSES AT ALL TIMES - SEE SPECIAL PROVISIONS.
- EAST TO WEST SIDEWALK CLOSURES ARE RESTRICTED TO ONE SIDE AT A TIME.

LEGEND

- Work area
- Sign
- Type III Barricades
- Drum with steady burning light

SIGN LEGEND

SIDEWALK CLOSED R11-1101-2418	ROAD CONSTRUCTION AHEAD W20-1101-48	ROAD CLOSED AHEAD W20-3101-48	RIVER STREET R3-1-2424	W. FIRST STREET R3-2-2424	W. 3RD STREET R11-2	ROAD CLOSED TO THRU TRAFFIC R11-4 36"x24"	HENNEPIN AVENUE CUSTOM 24"x18"	W. 2ND STREET CUSTOM 24"x18"
STOP R1-1	ALL WAY R1-4	ROAD CLOSED R11-2	ROAD CLOSED CUSTOM 18"x12"	W. 1ST STREET CUSTOM 24"x18"	W. 3RD STREET CUSTOM 24"x18"	DO NOT ENTER R5-1	SIDEWALK OPEN TO BUSINESSES CUSTOM 36"x24"	W. 2ND STREET CUSTOM 24"x18"

PHASE I QUANTITIES

70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	LOCATION	COLOR	FOOT
		STA. 9+96 - STA. 12+98	WHITE	312
		STA. 13+45 - STA. 16+44	WHITE	299
				TOTAL 611 FOOT
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	LOCATION	COLOR	FOOT
		LT. STA. 13+07 - LT. STA. 13+20	WHITE	13
				TOTAL 13 FOOT

PHASE 1

TRAFFIC CONTROL PLAN

HENNEPIN AVE.
SECTION 03-00160-00-PV
CITY OF DIXON





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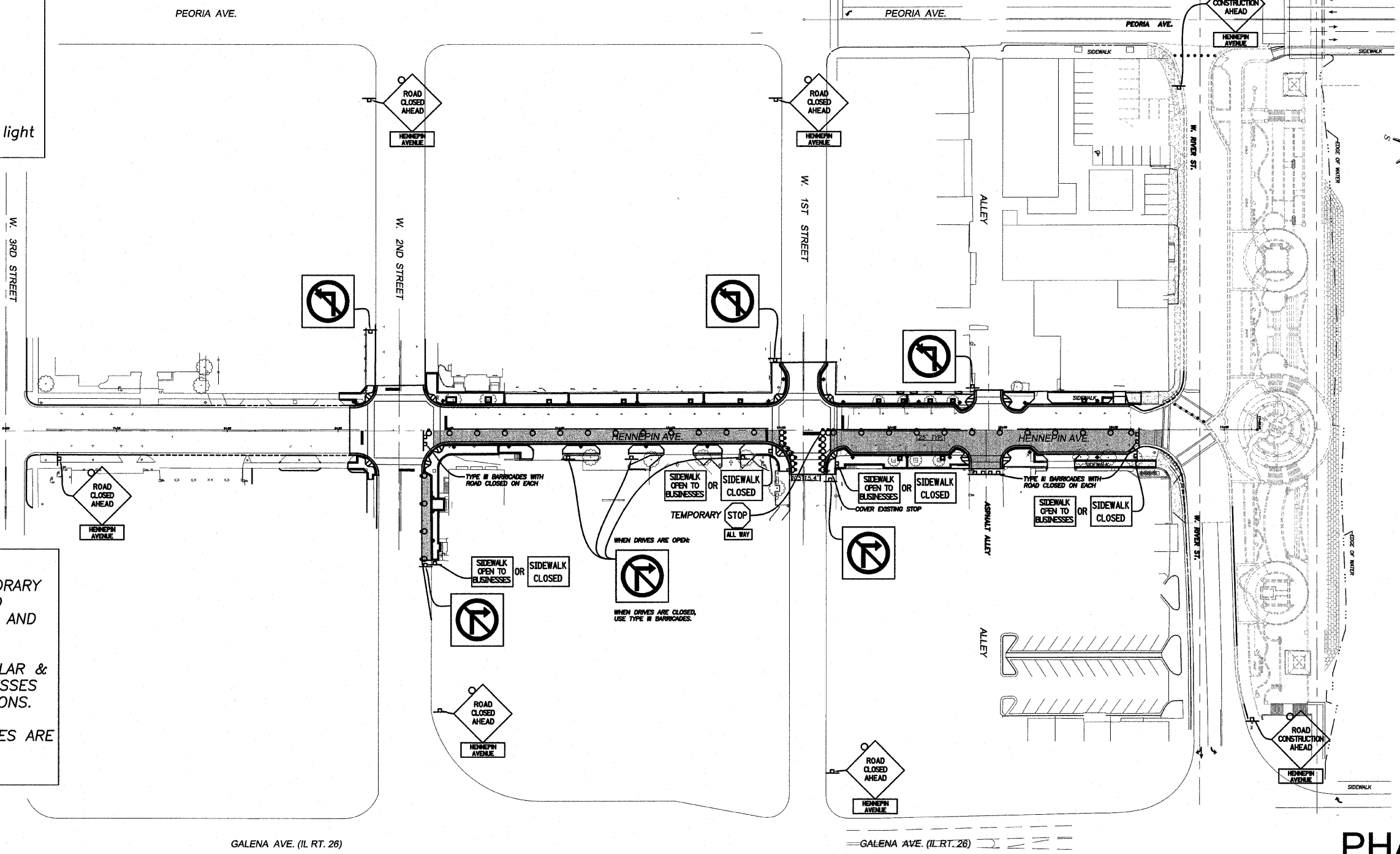
Date: 09/24/2009
Job: 2090205
www.wendlers.com ph. 815.288.2281

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B. D. L.	*	LEE	35	22
F. A.J.L.				
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

* Section 03-00160-00-PV Contract #85503

LEGEND

-  Work area
-  Sign
-  Type III Barricades
-  Drum with steady burning light






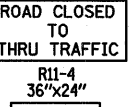

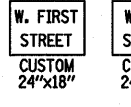
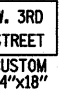


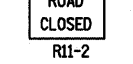



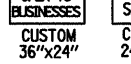



GENERAL NOTES

- CONTRACTOR SHALL ALLOW TEMPORARY OPENINGS IN CONSTRUCTION FENCE TO ALLOW ACCESS TO LOCAL BUSINESSES AND CROSSWALKS.
- CONTRACTOR TO MAINTAIN VEHICULAR & PEDESTRIAN ACCESS TO LOCAL BUSINESSES AT ALL TIMES - SEE SPECIAL PROVISIONS.
- EAST TO WEST SIDEWALK CLOSURES ARE RESTRICTED TO ONE SIDE AT A TIME.

PHASE 2

SIGN LEGEND

 R11-1101-2418	 W20-1(0)-48	 W20-3(0)-48	 R3-1-2424	 R3-2-2424	 R11-4 36"x24"	 RIVER STREET CUSTOM 24"x18"	 W. FIRST STREET CUSTOM 24"x18"	 W. 3RD STREET CUSTOM 24"x18"
 RI-1	 RI-4	 R11-2	 CUSTOM 18"x12"	 R5-1	 HENNEPIN AVENUE CUSTOM 24"x18"	 SIDEWALK OPEN TO BUSINESSES CUSTOM 36"x24"	 W. 2ND STREET CUSTOM 24"x18"	

PHASE II QUANTITIES

70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	70301000	WORK ZONE PAVEMENT MARKING REMOVAL (STAGE I PAVEMENT MARKING)		
LOCATION	COLOR	FOOT	LOCATION	COLOR	SQ.FT.
STA. 9+86 - STA. 12+98	WHITE	312	STA. 9+86 - STA. 12+98	WHITE	104
STA. 13+45 - STA. 16+44	WHITE	299	STA. 13+45 - STA. 16+44	WHITE	100
			L.T. STA. 13+07 - L.T. STA. 13+20	WHITE	26
		TOTAL 611 FOOT			TOTAL 230 SQ.FT.
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	70301000	WORK ZONE PAVEMENT MARKING REMOVAL (STAGE II PAVEMENT MARKING)		
LOCATION	COLOR	FOOT	LOCATION	COLOR	SQ.FT.
RT. STA. 13+20 - RT. STA. 13+35	WHITE	15	STA. 9+86 - STA. 12+98	WHITE	104
		TOTAL 15 FOOT	STA. 13+45 - STA. 16+44	WHITE	100
			RT. STA. 13+20 - RT. STA. 13+35	WHITE	30
					TOTAL 234 SQ.FT.

TRAFFIC CONTROL PLAN

HENNEPIN AVE.
SECTION 03-00160-00-PV
CITY OF DIXON

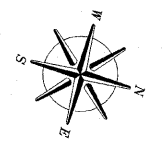
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Date: 09/24/2009
Job: 2090205

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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S. B. I.	*	LEE	35	23
F. A.J.L.				
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

* Section 03-00160-00-PV Contract #85503

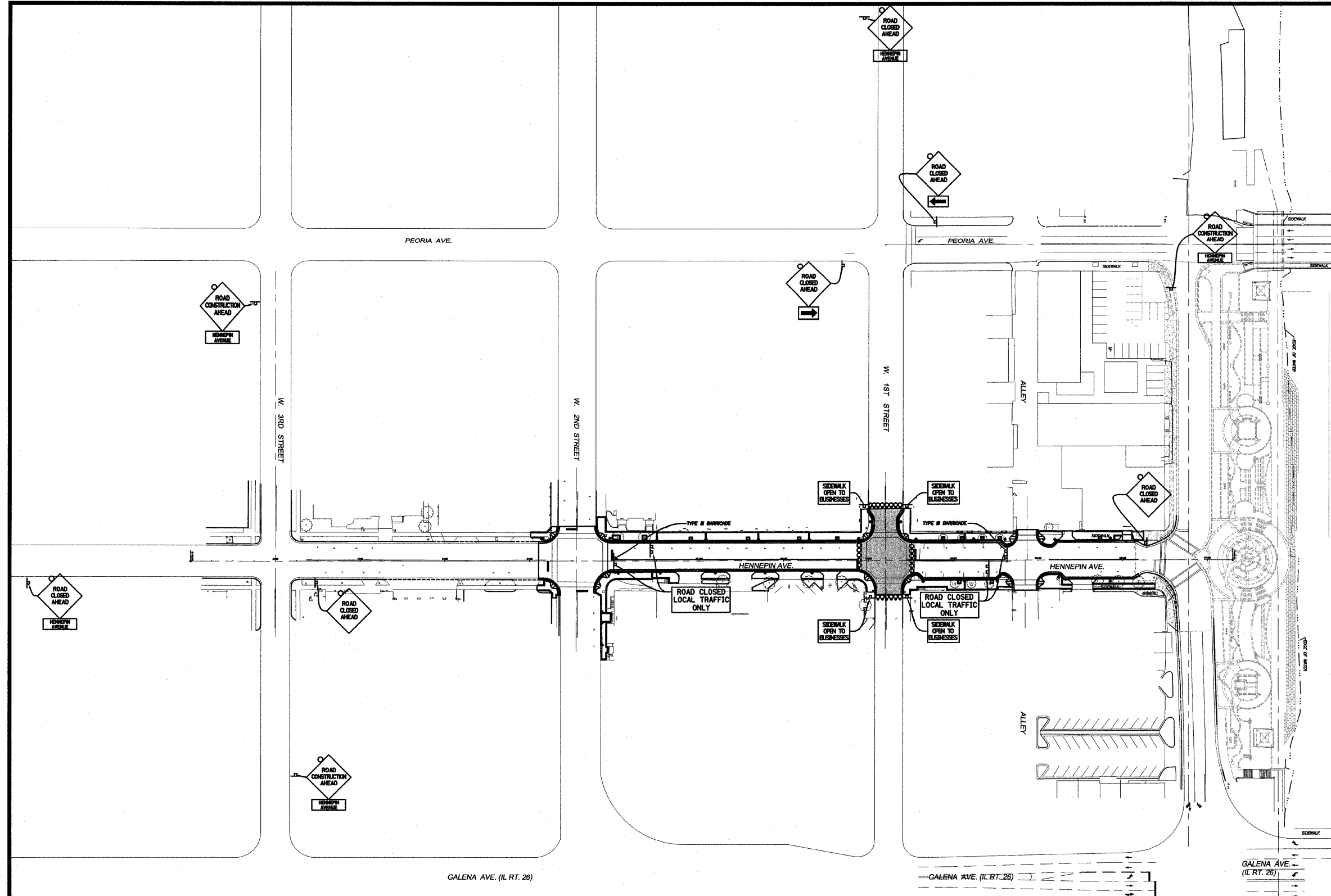


GENERAL NOTES

- CONTRACTOR SHALL ALLOW TEMPORARY OPENINGS IN CONSTRUCTION FENCE TO ALLOW ACCESS TO LOCAL BUSINESSES AND CROSSWALKS.
- CONTRACTOR TO MAINTAIN VEHICULAR & PEDESTRIAN ACCESS TO LOCAL BUSINESSES AT ALL TIMES - SEE SPECIAL PROVISIONS.
- EAST TO WEST SIDEWALK CLOSURES ARE RESTRICTED TO ONE SIDE AT A TIME.

LEGEND

- Work area
- Sign
- Type III Barricades
- Drum with steady burning light



PHASE 3

TRAFFIC CONTROL PLAN

HENNEPIN AVE.
SECTION 03-00160-00-PV
CITY OF DIXON

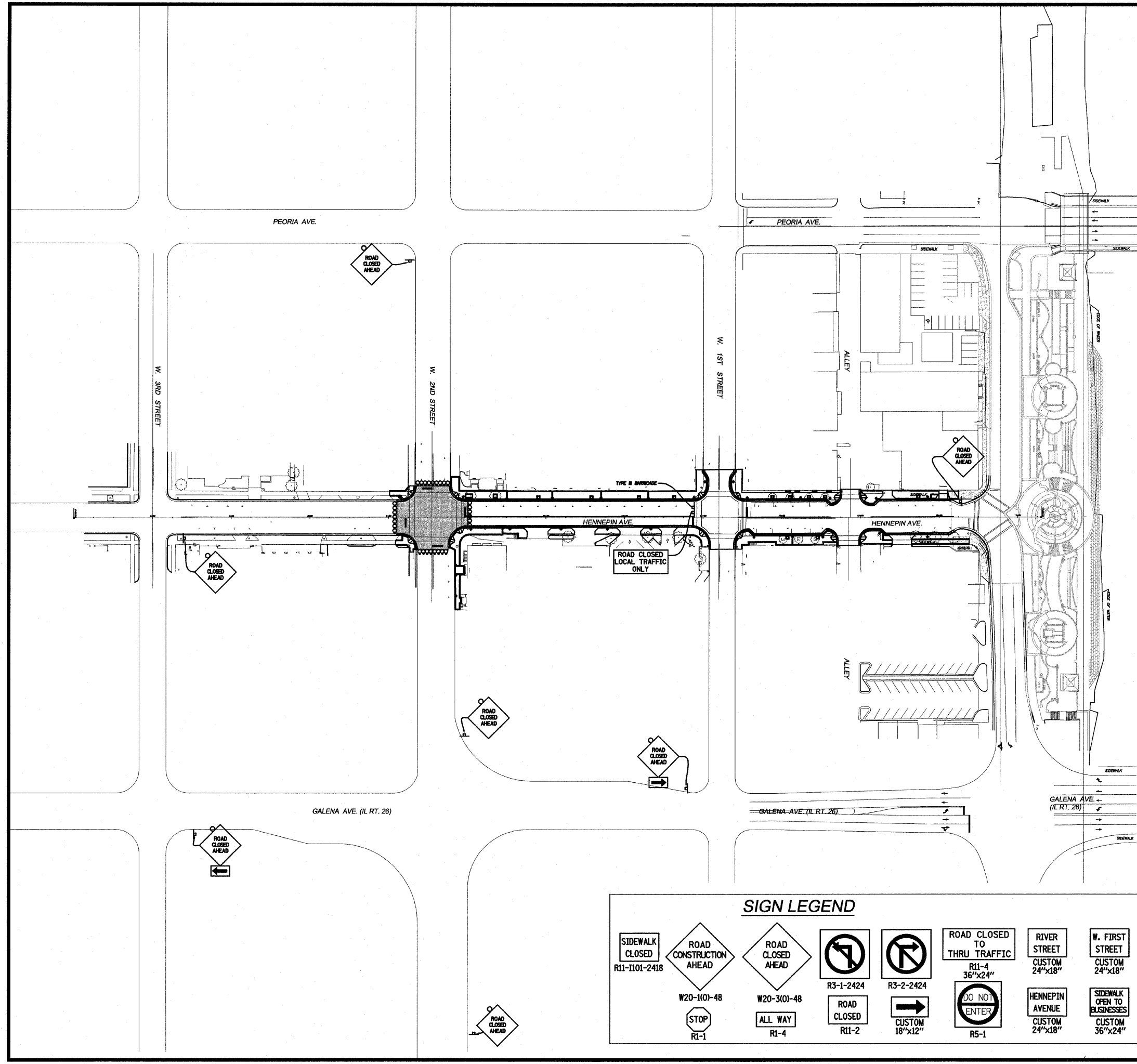
SIGN LEGEND

R11-1101-2418	W20-1101-48	W20-3101-48	R3-1-2424	R3-2-2424	R11-4 36"x24"	CUSTOM 24"x18"	CUSTOM 24"x18"	CUSTOM 24"x18"
R1-1	R1-4	R11-2	R11-2	R5-1	CUSTOM 24"x18"	CUSTOM 36"x24"	CUSTOM 24"x18"	



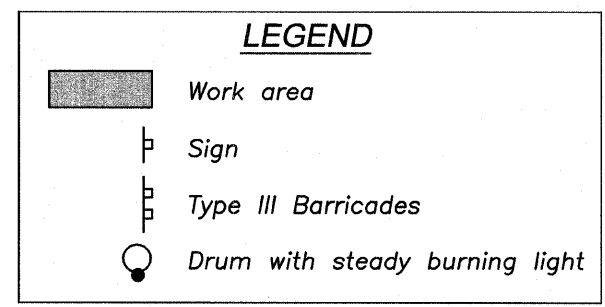
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
R. B. I.	*	LEE	35	24
F. A.A.L.				
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

* Section 03-00160-00-PV Contract #85503



GENERAL NOTES

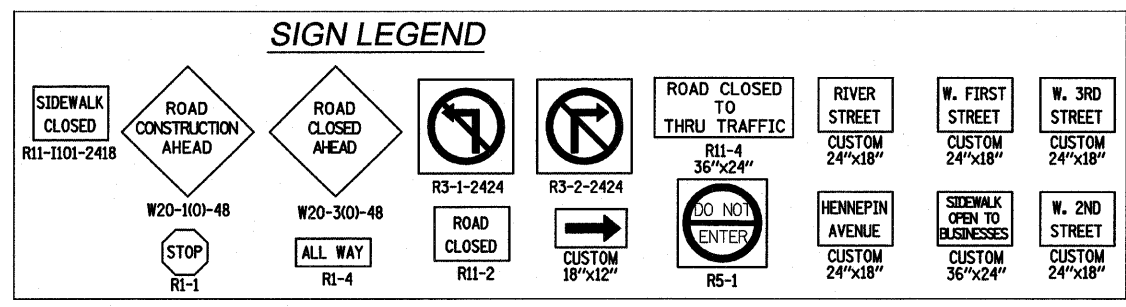
1. CONTRACTOR SHALL ALLOW TEMPORARY OPENINGS IN CONSTRUCTION FENCE TO ALLOW ACCESS TO LOCAL BUSINESSES AND CROSSWALKS.
2. CONTRACTOR TO MAINTAIN VEHICULAR & PEDESTRIAN ACCESS TO LOCAL BUSINESSES AT ALL TIMES – SEE SPECIAL PROVISIONS.
3. EAST TO WEST SIDEWALK CLOSURES ARE RESTRICTED TO ONE SIDE AT A TIME.



PHASE 4

TRAFFIC CONTROL PLAN

HENNEPIN AVE.
SECTION 03-00160-00-PV
CITY OF DIXON

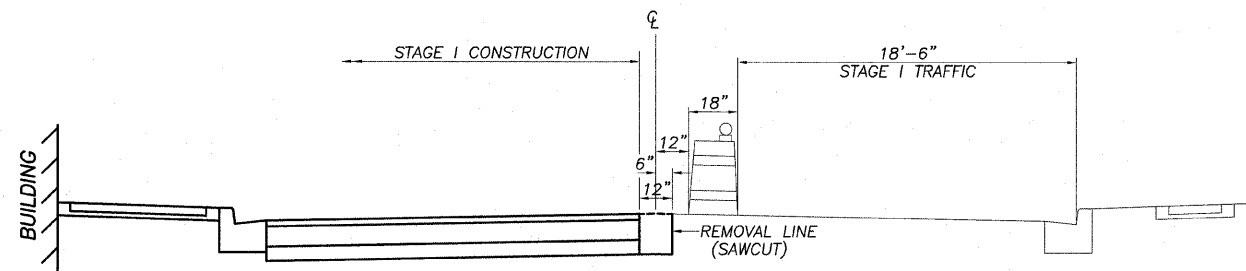


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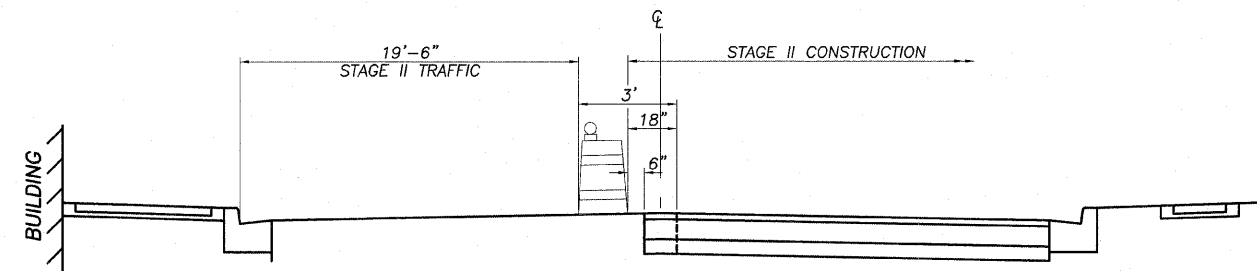
Date: 09/24/2009
Job: 2090205

DRAWING: WENDLER ENGINEERS, SURVEYORS & CONSULTANTS, 1000 N. WASHINGTON ST., SUITE 100, DIXON, IL 62521

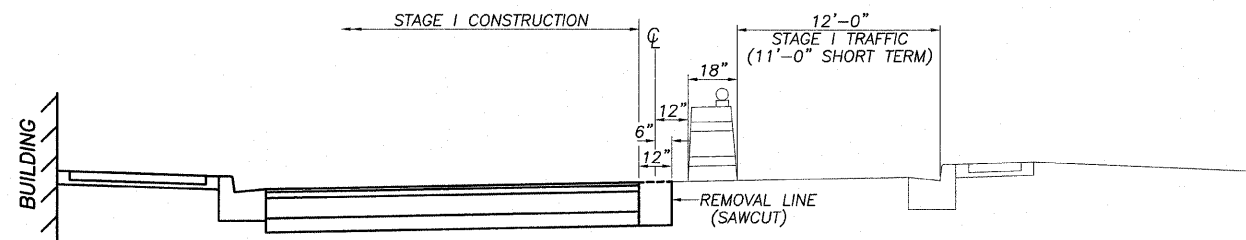
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S. D. I. F.A.I.L. 5489	*	LEE	35	25
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		
* Section 03-00160-00-PV			Contract #85503	



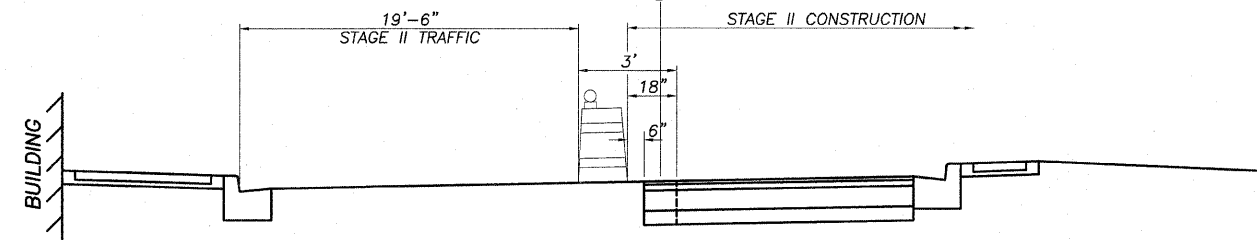
STAGE I
HENNEPIN AVENUE CONSTRUCTION
RIVER STREET TO 1ST STREET
LOOKING NORTH



STAGE II
HENNEPIN AVENUE CONSTRUCTION
RIVER STREET TO 1ST STREET
LOOKING NORTH



STAGE I
HENNEPIN AVENUE CONSTRUCTION
1ST STREET TO 2ND STREET
LOOKING NORTH



STAGE II
HENNEPIN AVENUE CONSTRUCTION
1ST STREET TO 2ND STREET
LOOKING NORTH

STAGE CROSS SECTIONS

TRAFFIC CONTROL PLAN

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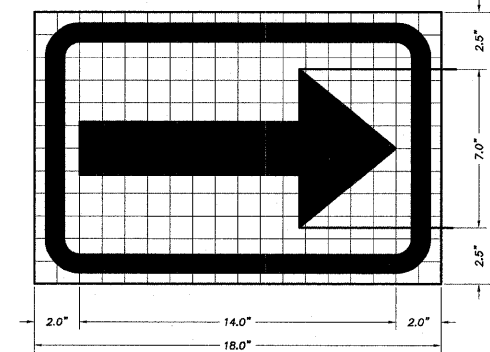
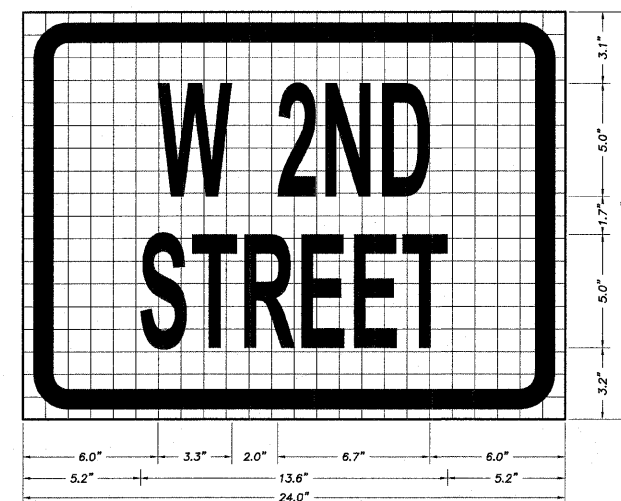
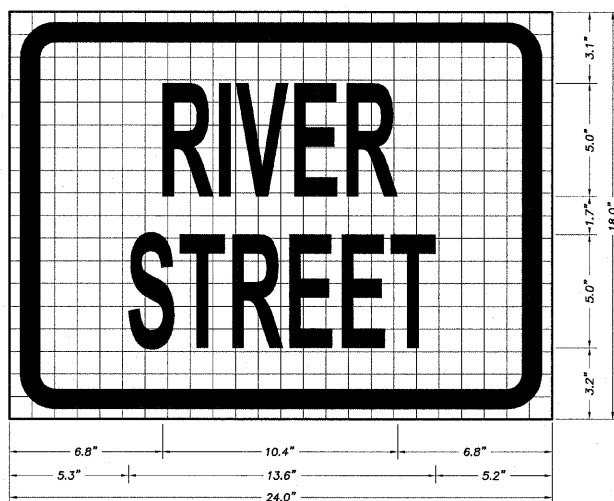
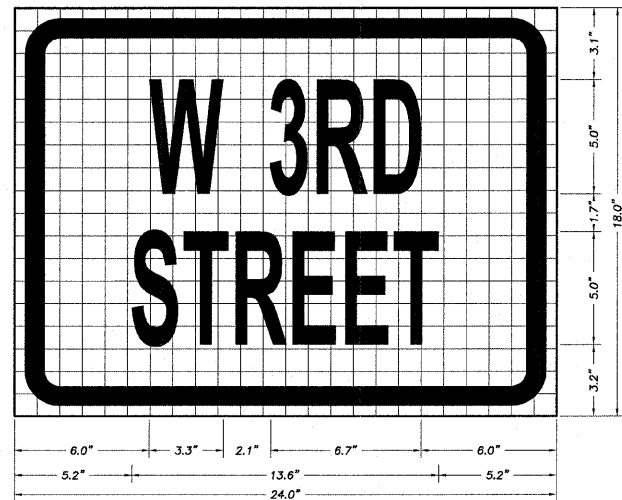
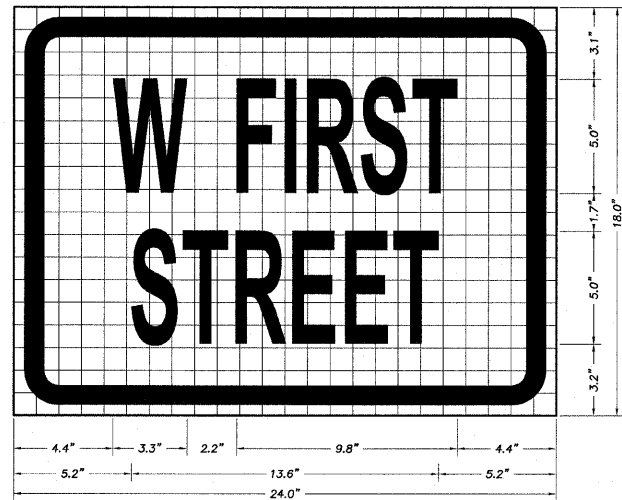
ph: 815.288.2261

Date:
09/24/2009

Job:
2090205

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
R. R. I. P. A. 5483	*	LEE	35	26
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

* Section 03-00160-00-PV Contract #85503



GENERAL NOTES:
1.5" RADIUS, 0.8" BORDER, 0.5" INDENT

TRAFFIC CONTROL SIGN DETAILS

HENNEPIN AVE.
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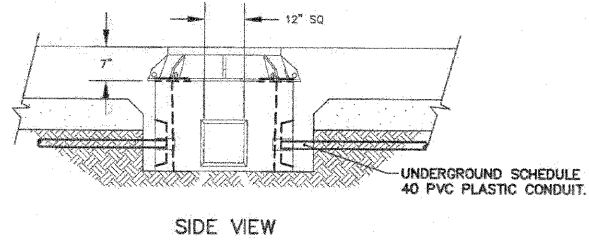
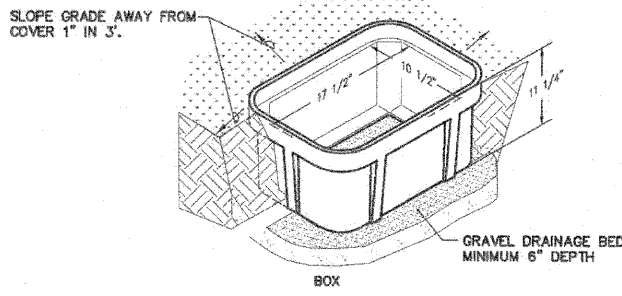
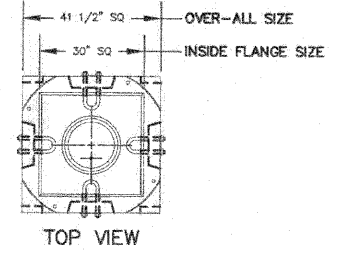
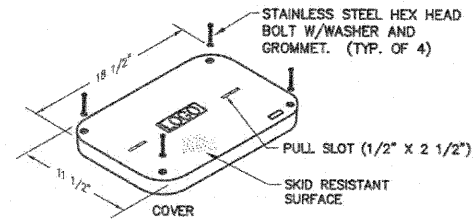
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Date: 09/24/2009
Job: 2090205

C:\pwworking\wendlergs.com\planning\20090929\141516.PLT

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B. S. I.	*	LEE	35	27
F. A. L.				
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

*SECTION 03-00160-00-PV Contract #85503

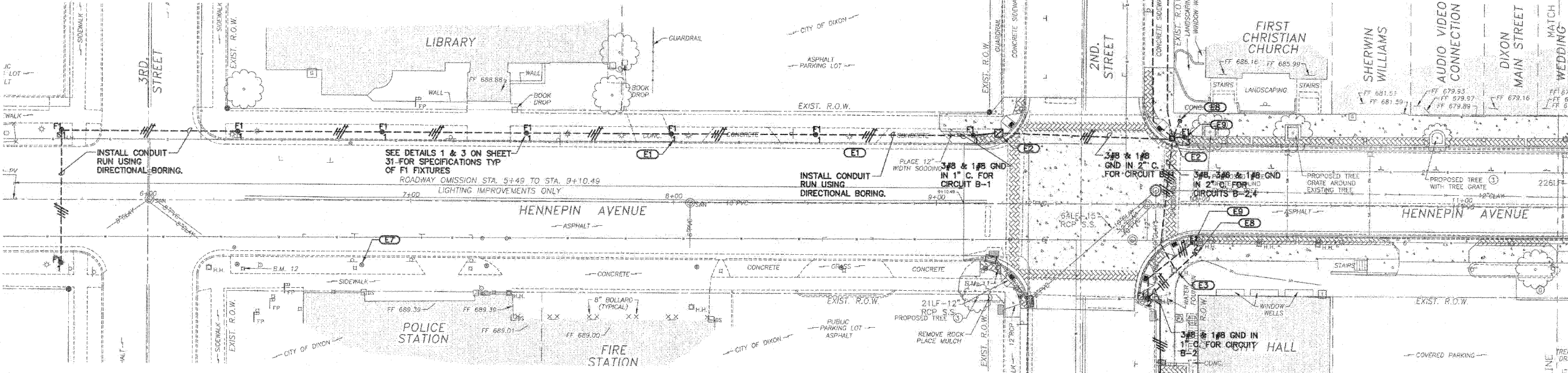


COMPOSITE POLYMER HANDHOLE DETAIL (2)
NO SCALE

CONCRETE HANDHOLE DETAIL (3)
NO SCALE

- NOTES:**
- ALL DIMENSIONS ARE NOMINAL INSIDE CLEARANCES.
 - DETAIL REPRESENTATIVE OF STRONGWELL HANDHOLE. SEE MATERIAL LIST FOR SPECIFICATIONS.

- NOTES:**
- DETAIL REPRESENTATIVE OF HARTFORD CONCRETE PRODUCT. SEE MATERIAL LIST FOR SPECIFICATIONS.



ELECTRICAL SITE PLAN (1)
SCALE: 1"=20'-0" N

- KEYNOTES:**
- (E1) FIXTURE SUBSCRIPTS REPRESENT CIRCUIT NUMBER (TYP).
 - (E2) NEW COMPOSITE POLYMER HANDHOLE: CORE DRILL FOR NEW CONDUIT RUNS, PROVIDE END-BELLS WHEN NEEDED. SEE 2/27 AND MATERIAL SCHEDULE FOR SPECS.
 - (E3) EXISTING HANDHOLE: CORE DRILL FOR NEW CONDUIT RUNS, PROVIDE END-BELLS WHEN NEEDED.
 - (E4) NEW CONCRETE HANDHOLE: CORE DRILL FOR NEW CONDUIT RUNS, PROVIDE END-BELLS WHEN NEEDED. SEE 3/27 AND MATERIAL SCHEDULE FOR SPECS.
 - (E5) SEE DETAIL 2/31 FOR CC/1 ENCLOSURE LAYOUT.
 - (E6) SEE DETAIL 4/31 FOR CONCRETE FOUNDATION CONSTRUCTION REQUIREMENTS.
 - (E7) FIXTURES ON THE EAST SIDE OF HENNEPIN AVENUE FROM 2ND STREET TO 3RD STREET PROVIDED AND INSTALLED BY OTHERS.
 - (E8) CONTINUE ONE (1) 2" C FROM PULLBOX, SEE SHEET 28 FOR CONTINUATION.
 - (E9) SEE SHEET 28 FOR CONTINUATION OF LIGHTING CIRCUIT TO NEW LIGHT FIXTURES NORTH OF THE INTERSECTION.

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DAVID A. HANSHAW
REGISTERED PROFESSIONAL ENGINEER
ILLINOIS
DATE: 2/26/09

DAVID A. HANSHAW
ROCK ISLAND, ILLINOIS
ILLINOIS LICENSED PROFESSIONAL ENGINEER NO. 062.050805
EXPIRES: 11/30/2011

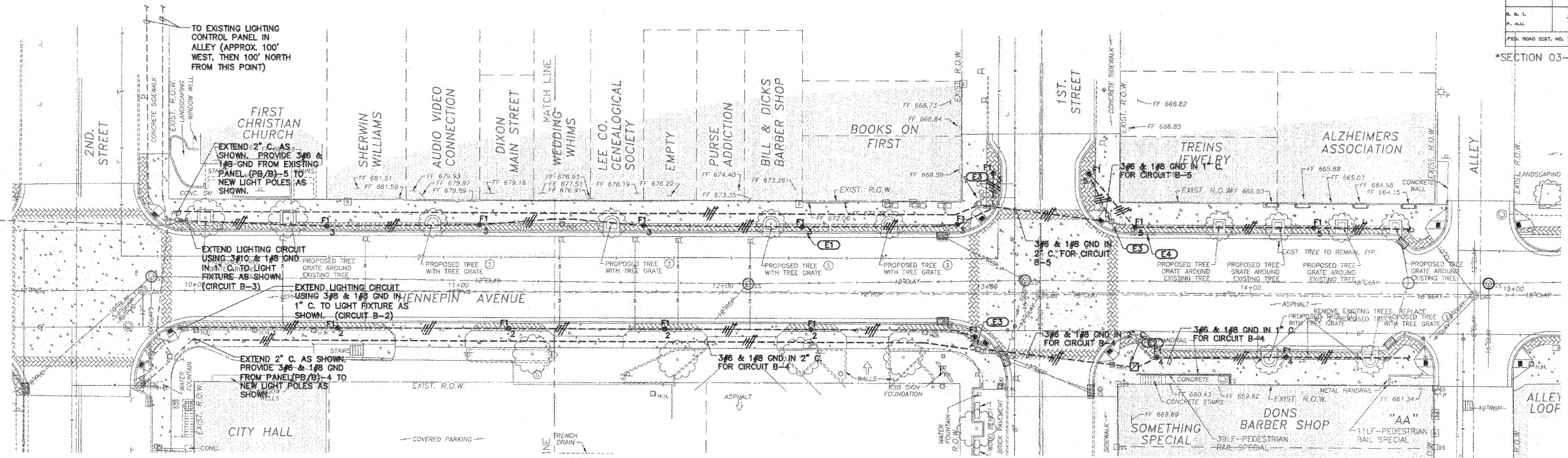
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Date: 09/24/2009
Job: 2090205
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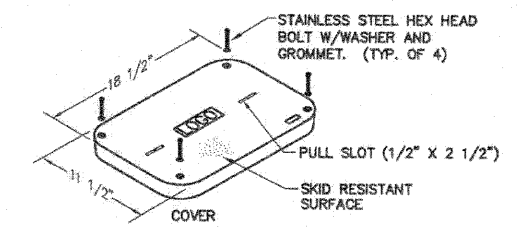
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
R. B. L.	7	LEE	35	28
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

*SECTION 03-00160-00-PV Contract #85503

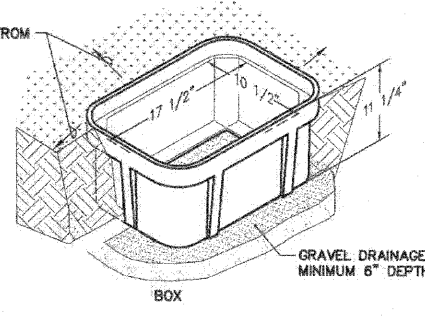


ELECTRICAL SITE PLAN 1
SCALE: 1"=20'-0"

- KEYNOTES:**
- (E1) FIXTURE SUBSCRIPT REPRESENTS CIRCUIT NUMBER (TYP.)
 - (E2) NEW COMPOSITE POLYMER HANDHOLE: CORE DRILL FOR NEW CONDUIT RUNS, PROVIDE END-BELLS WHEN NEEDED. SEE 3/28 AND MATERIAL SCHEDULE FOR SPECS.
 - (E3) EXISTING HANDHOLE: CORE DRILL FOR NEW CONDUIT RUNS, PROVIDE END-BELLS WHEN NEEDED.
 - (E4) REUSE EXISTING TRAFFIC CONTROL BOX, CONTROLLER AND 120V CIRCUIT

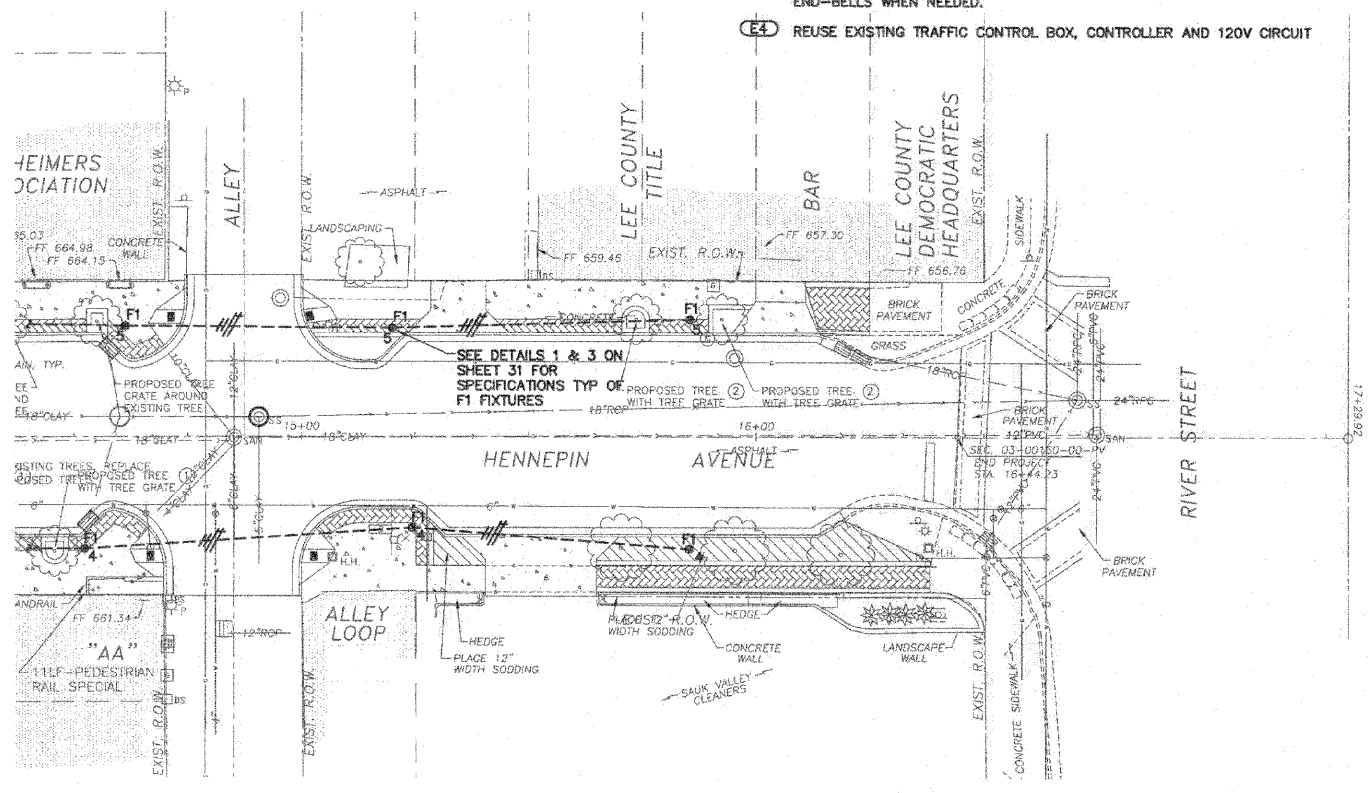


SLOPE GRADE AWAY FROM COVER 1" IN 3'.



COMPOSITE POLYMER HANDHOLE DETAIL 3
NO SCALE

- NOTES:**
1. ALL DIMENSIONS ARE NOMINAL INSIDE CLEARANCES.
 2. DETAIL REPRESENTATIVE OF STRONGWELL HANDHOLE. SEE MATERIAL LIST FOR SPECIFICATIONS.



ELECTRICAL SITE PLAN 2
SCALE: 1"=20'-0"

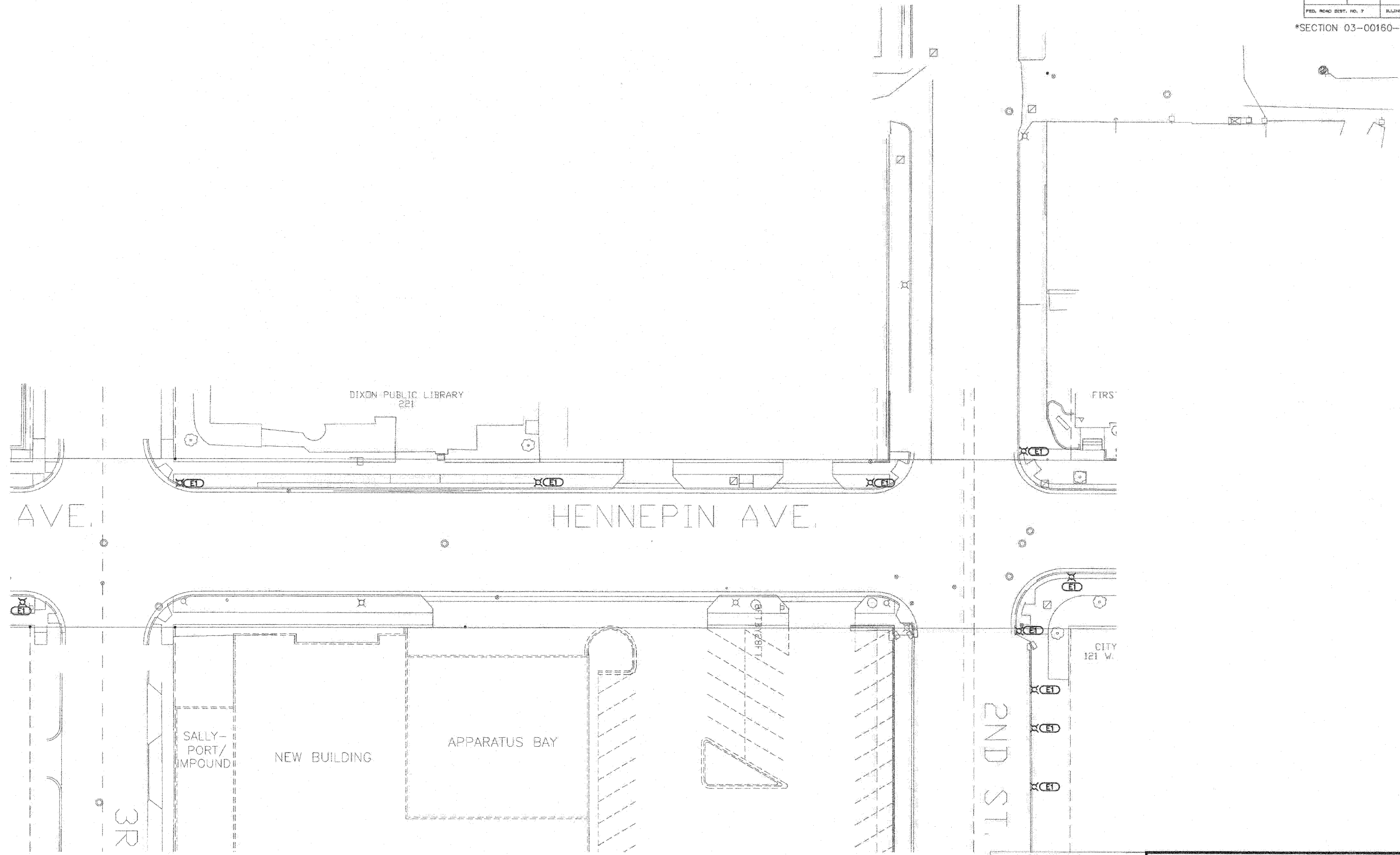
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REGISTERED PROFESSIONAL ENGINEER
STATE OF ILLINOIS
DATE: 9/24/09

ELECTRICAL SITE PLAN
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
P. & L.	*	LEE	35	29
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

*SECTION 03-00160-00-PV Contract #85503



ELECTRICAL SITE DEMOLITION PLAN ① — N —

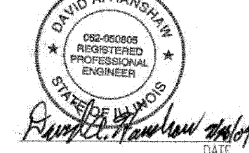
SCALE: 1"=20'-0"

NOTES:
1. SEE CIVIL PLANS FOR PROJECT STREET DEMOLITION.

KEYNOTES:
 (X CED) REMOVE EXISTING LUMINAIRE, POLE, WIRING, AND ABANDON CONDUIT (TYP.). RETURN POLE AND LUMINAIRE TO OWNER.

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DATE: *Russell A. Hanshaw*
 DAVID A. HANSHAW
 ROCK ISLAND, ILLINOIS
 ILLINOIS LICENSED PROFESSIONAL ENGINEER
 ENGINEER NO. 062-050805
 EXPIRES: 11/30/2011

ELECTRICAL SITE DEMO. PLAN

HENNEPIN AVE.
 SECTION 03-00160-00-PV
 CITY OF DIXON



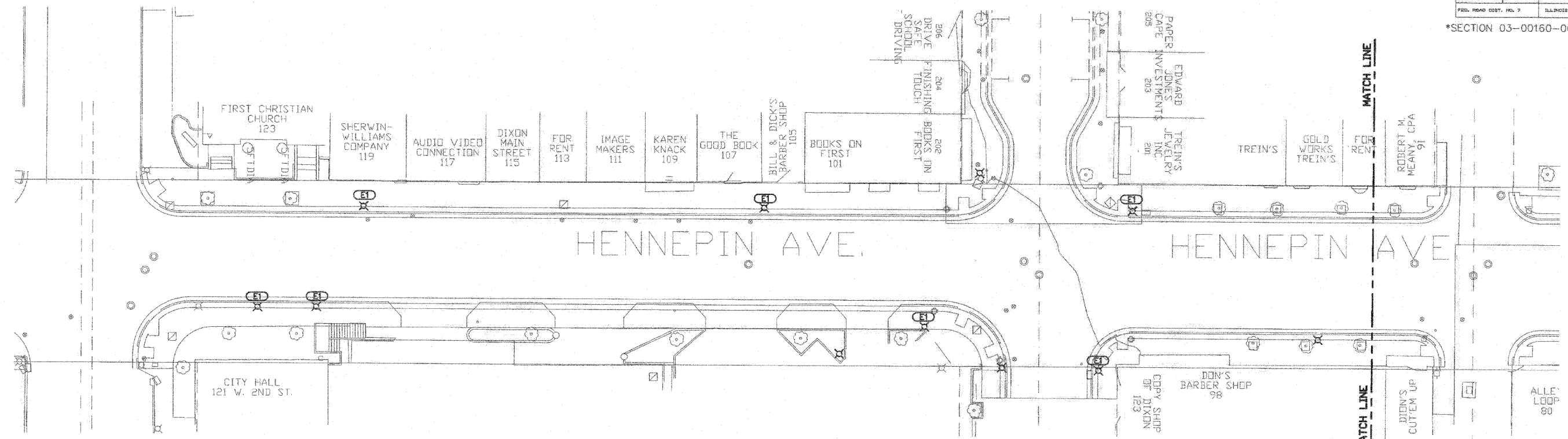
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Date: 09/24/2009

Job: 2090205

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
P. D. L. P. ALL	*	LEE	35	30
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

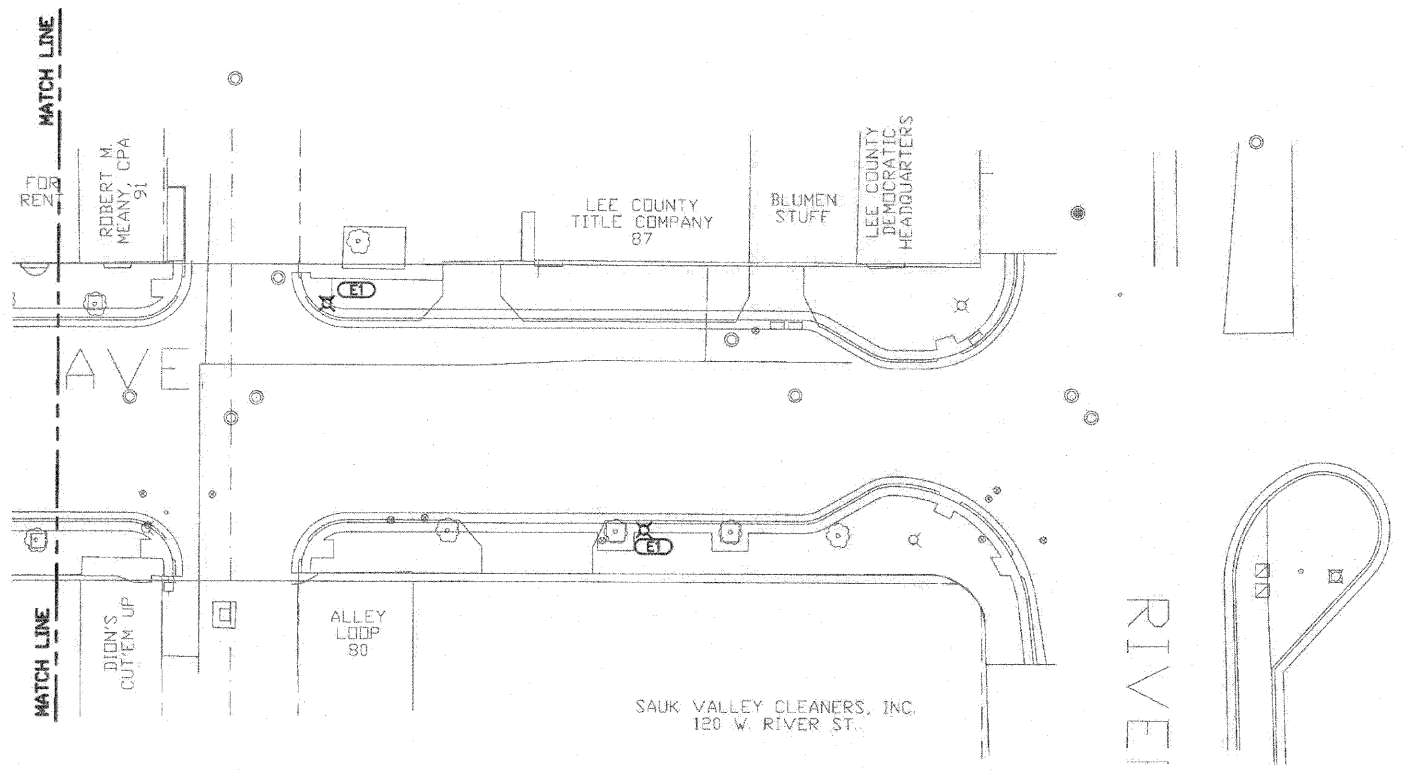
*SECTION 03-00160-00-PV Contract #85503



ELECTRICAL SITE DEMOLITION PLAN 1
SCALE: 1"=20'-0" — N —>

NOTES:
1. SEE CIVIL PLANS FOR PROJECT AND STREET DEMOLITION.

KEYNOTES:
(E1) REMOVE EXISTING LUMINAIRE, POLE, WIRING, AND ABANDON CONDUIT. RETURN LUMINAIRE AND POLE TO OWNER.



ELECTRICAL SITE DEMOLITION PLAN 2
SCALE: 1"=20'-0" — N —>

NOTES:
1. SEE CIVIL PLANS FOR PROJECT AND STREET DEMOLITION.

KEYNOTES:
(E1) REMOVE EXISTING LUMINAIRE, POLE, WIRING, AND ABANDON CONDUIT. RETURN LUMINAIRE AND POLE TO OWNER (TYP).

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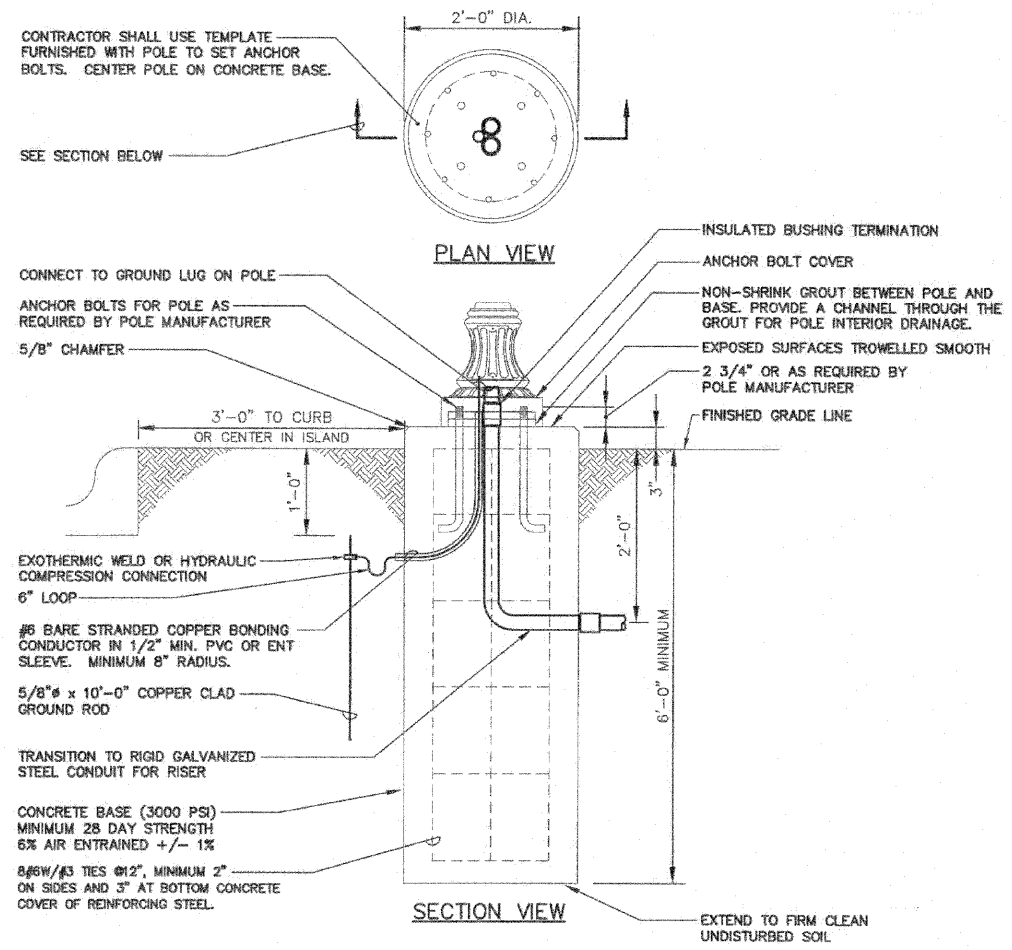
DAVID A. HANSHAW
REGISTERED PROFESSIONAL ENGINEER
ILLINOIS LICENSED PROFESSIONAL ENGINEER NO. 062-050806
EXPIRES: 11/30/2011

ELECTRICAL SITE DEMO. PLAN
HENNEPIN AVE.
SECTION 03-00160-00-PV
CITY OF DIXON

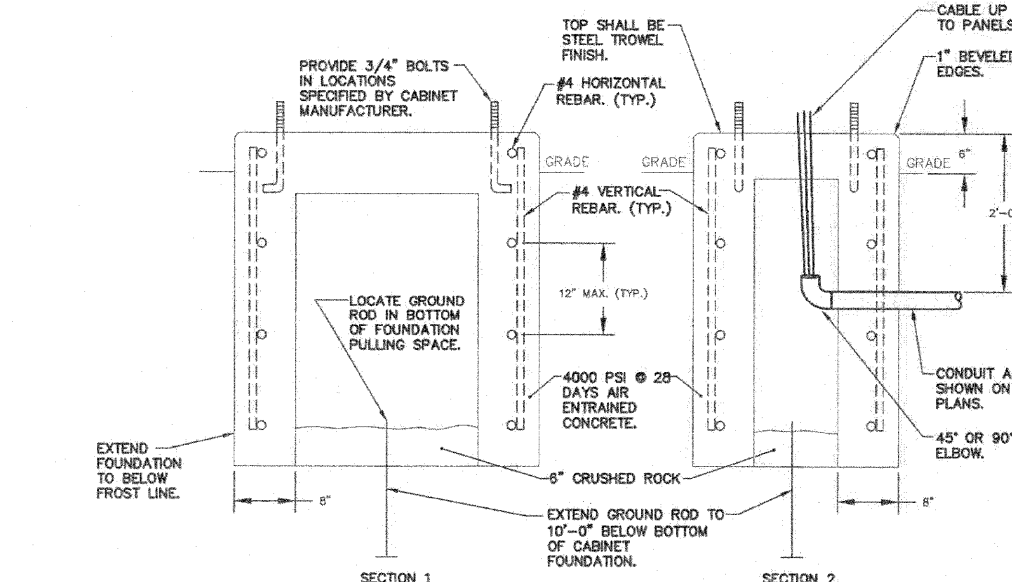
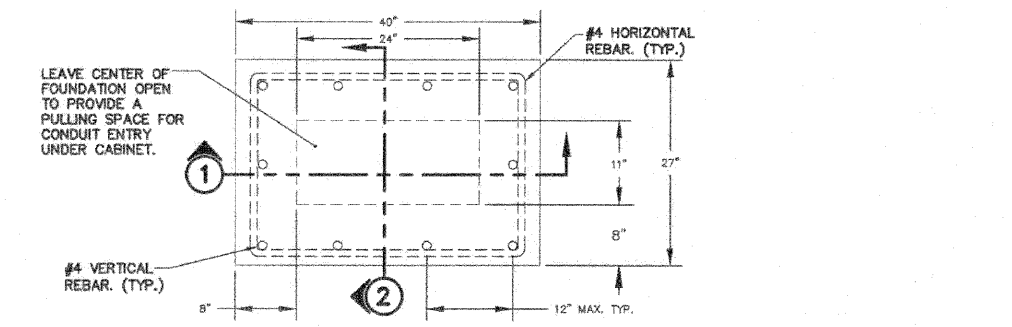
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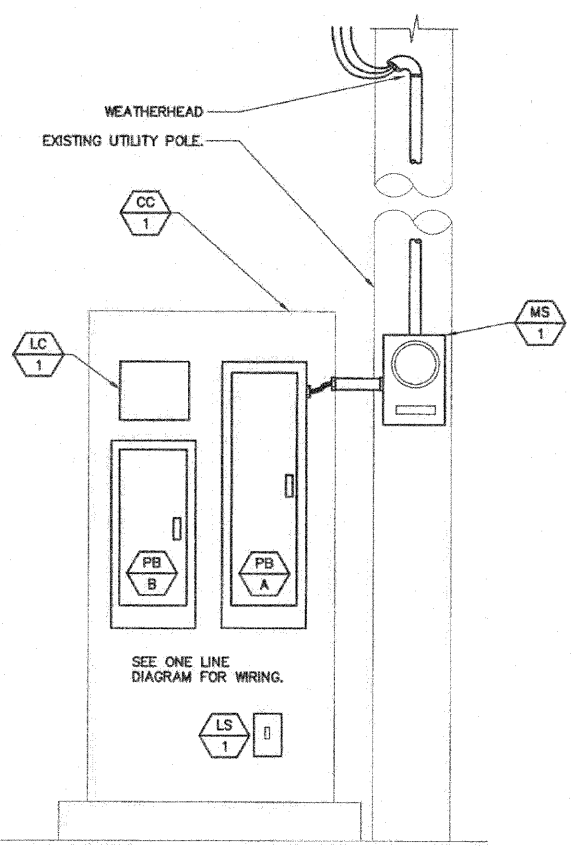
DATE: 09/24/2009
Job: 2090205
30



POLE BASE DETAIL - 1 LAMP 1
NO SCALE

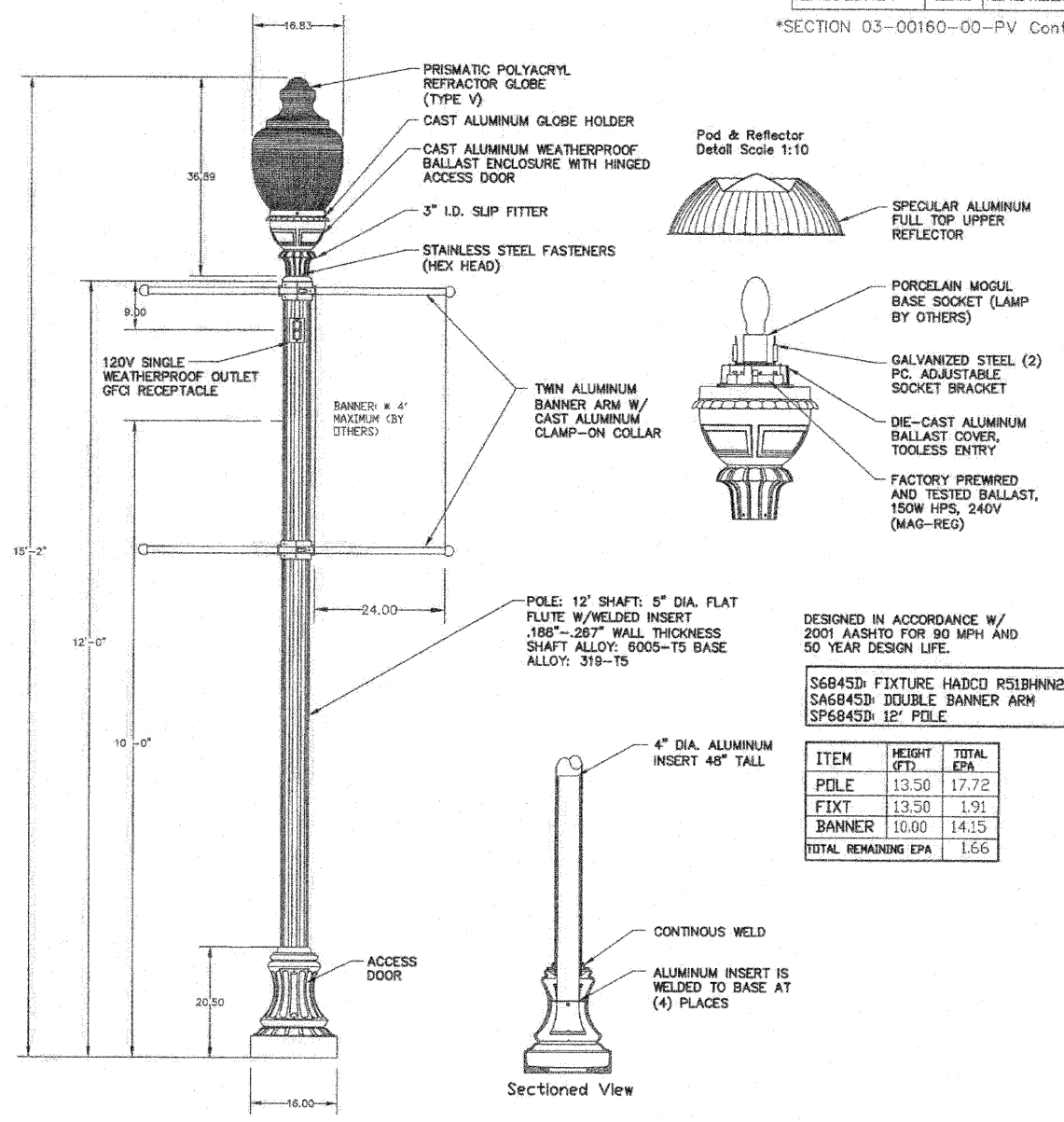


(CC/1) FOUNDATION DETAIL 4
NO SCALE



(CC/1) ELEVATION 2
NO SCALE

LOCATED ON EXISTING POLE. SEE DRAWING 27 FOR LOCATION. PROVIDE 2#12 & 1#12 GND IN 1" C. UNDERGROUND TO POLE WITH (PC/1). ROUTE CONDUIT AND WIRING UP POLE TO (PC/1).



FIXTURE F1 DETAIL 3
NO SCALE

S6845D: FIXTURE HADCO R51BHNN2ITND150SG
SA6845D: DOUBLE BANNER ARM
SP6845D: 12' POLE

ITEM	HEIGHT (FT)	TOTAL EPA
POLE	13.50	17.72
FIXT	13.50	1.91
BANNER	10.00	14.15
TOTAL REMAINING EPA		1.66

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DATE: 09/24/2009

DAVID A. HANSHAW
ROCK ISLAND, ILLINOIS
ILLINOIS LICENSED PROFESSIONAL ENGINEER NO. 062-050805
EXPIRES: 11/30/2011

DETAILS & ELEVATION

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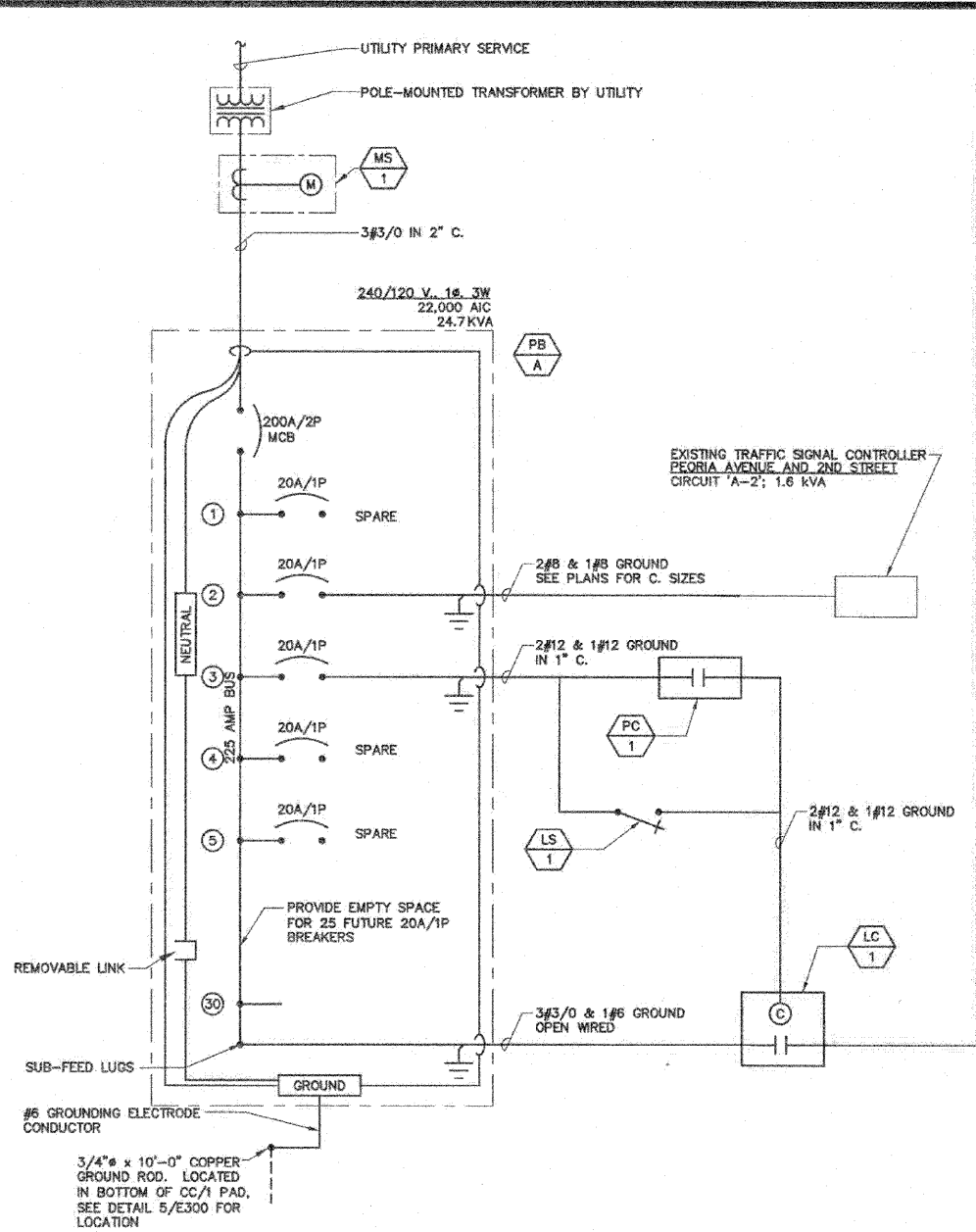
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Job:
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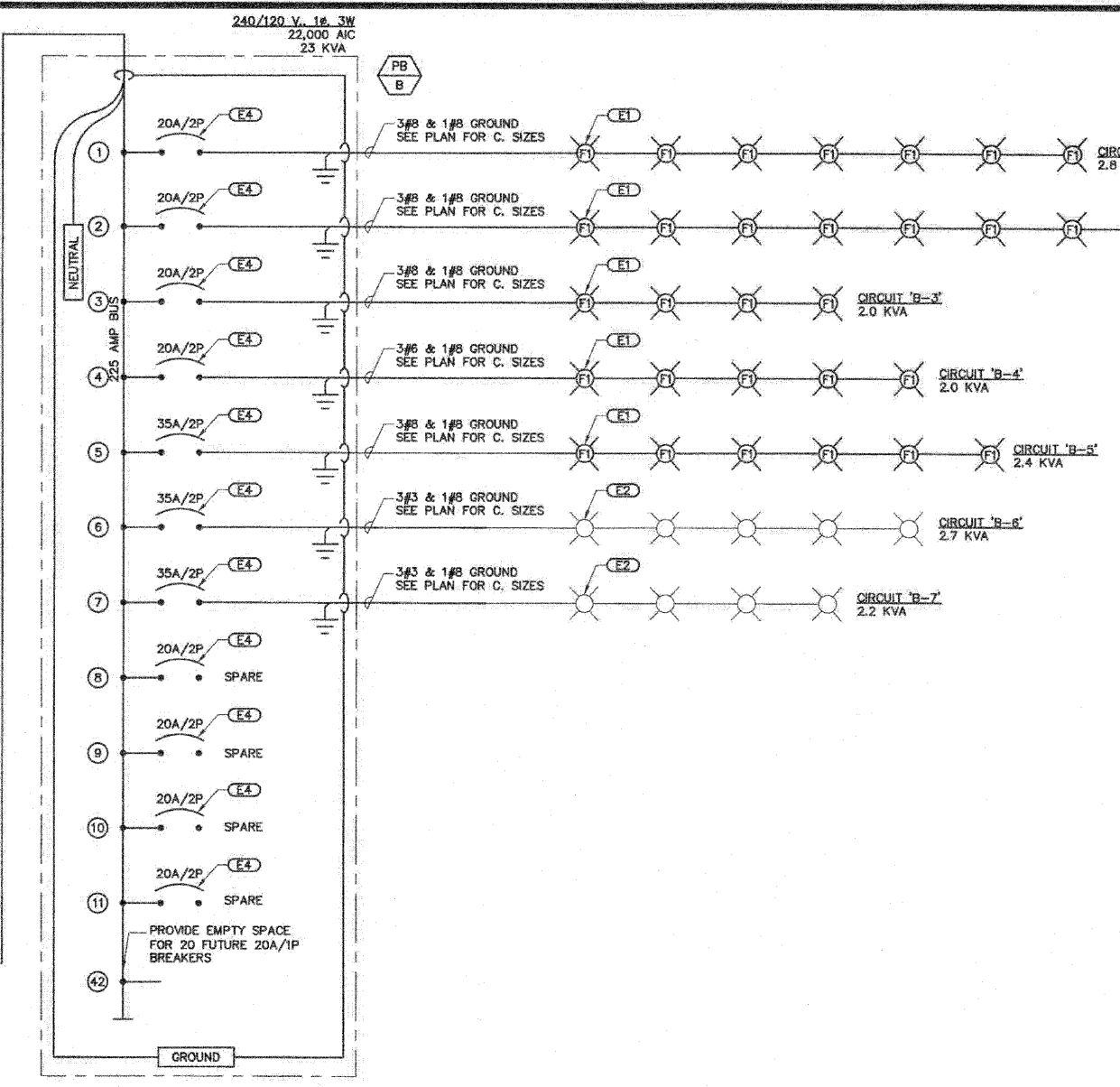
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	#	LEE	35	32
FED. ROAD DIST. NO. 7				
BALANCE				
FED. AID PROJECT				

*SECTION 03-00160-00-PV Contract #85503



ONE-LINE AND CONTROLS DIAGRAM 1
NO SCALE

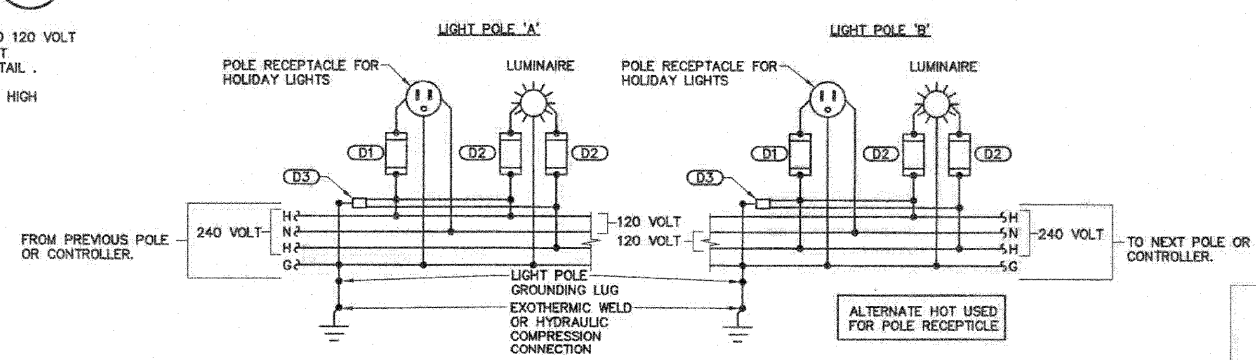
- KEYNOTES:**
- (E1) SYMBOL REPRESENTS CONNECTION TO (1) 1-HEADED 150 WATT, 240 VOLT LUMINAIRE AND 120 VOLT GF WATERPROOF OUTLET UNLESS OTHERWISE NOTED (QUANTITY SHOWN) (TYP. OF F1). TEXT REPRESENTS FIXTURE TYPE, SEE SHEET 31 FOR FIXTURE DETAILS. SEE 32 FOR WIRING DETAIL.
 - (E2) CONNECTION TO EXISTING LIGHTING CIRCUIT COMPOSED ENTIRELY OF 400 WATT, 240 VOLT HIGH PRESSURE SODIUM, COBRA HEAD LUMINAIRES (QUANTITY SHOWN).
 - (E3) NOT USED.
 - (E4) USE BREAKER RATED FOR H.I.D. LIGHTING



- GENERAL ELECTRICAL NOTES:**
- "1/E300" INDICATES DETAIL NUMBER/SHEET NUMBER.
 - "(SB/1)" INDICATES MATERIAL LIST ITEM IN HEX SYMBOL.
 - "(E)" INDICATES KEYED NOTE USED TO DESCRIBE ADDITIONAL INFORMATION OF WORK REQUIRED, SPECIFIC TO THE SHEET AND/OR DETAIL WITH WHICH IT IS SHOWN.
 - ALL ELECTRICAL CONDUCTORS SHALL BE COPPER.
 - SHOWN BETWEEN LUMINAIRES DESIGNATES QUANTITY AND PURPOSE OF WIRES CONTAINED IN EACH NOTED CONDUIT.
GROUND WIRE
NEUTRAL WIRE
PHASE WIRE
 - ABBREVIATION KEY:
E.C. ELECTRICAL CONTRACTOR
G.C. GENERAL CONTRACTOR
C CONDUIT
TYP TYPICAL
 - REFER TO MATERIAL LIST AND SPECIFICATIONS FOR FULL DESCRIPTION AND MANUFACTURERS OF ALL DEVICES
 - LINE TYPE KEY:
NEW WORK BY THIS CONTRACTOR (DARK SOLID LINE)
NEW WORK UNDERFLOOR OR UNDERGROUND BY THIS CONTRACTOR (DARK LONG DASHED LINE)
NEW WORK BY OTHERS AND/OR EXISTING TO REMAIN (LIGHT SOLID LINE)
EXISTING TO BE REMOVED BY THIS CONTRACTOR (DARK SHORT DASHED LINE)

- ELECTRICAL INSTALLATION NOTES:**
- THE COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE ADAAG (AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES).
 - CIRCUIT NUMBERS, SHOWN AS A SUBSCRIPT ON EVERY FIXTURE, ARE FOR CIRCUIT IDENTIFICATION. CIRCUITING SHALL AGREE WITH NUMBERING ON THE PANEL PROVIDED. COMMON NEUTRALS MAY NOT BE USED FOR BRANCH CIRCUITS.
 - ELECTRICAL EQUIPMENT SHALL BE MOUNTED TO AVOID IMPEDANCE OF OPERATION OF AND/OR ACCESS TO ELECTRICAL AND MECHANICAL EQUIPMENT. ALL MOUNTING OF ELECTRICAL GEAR ON EQUIPMENT SUPPLIED BY SUB CONTRACTOR SHALL BE APPROVED IN ADVANCE BY THE PRIME CONTRACTOR.
 - CONTRACTOR SHALL INSTALL AT EACH SERVICE ENTRANCE A PERMANENT DIRECTORY ACCORDING TO ARTICLE 230, SECTION A OF THE NATIONAL ELECTRIC CODE.
 - ALL WELDING SHALL BE ACCORDING TO AMERICAN WELDING SOCIETY STANDARDS. CONTRACTOR SHALL FURNISH TO THE ARCHITECT/ENGINEER CERTIFICATES QUALIFYING OF EACH WELDER. PRIOR TO START OF WORK, THE ARCHITECT/ENGINEER RESERVES THE RIGHT TO REQUIRE QUALIFYING DEMONSTRATION, AT THE CONTRACTOR'S EXPENSE, OF ANY WELDERS ASSIGNED TO THE JOB.

- ONE-LINE DIAGRAM NOTES:**
- AIC RATINGS LISTED FOR EQUIPMENT ARE MINIMUM REQUIREMENTS FOR BUS BRACING AND DEVICE RATING. ALL EQUIPMENT SHALL BE FULLY RATED UNLESS SPECIFICALLY NOTED AS SERIES RATED.
 - INDICATES DIRECT CONNECTION OF GROUND CONDUCTOR TO GROUND BUS. SUBSCRIPT "1" INDICATES DIRECT CONNECTION OF ISOLATED GROUND CONDUCTOR TO ISOLATED GROUND BUS.
 - INDICATES O.Z. GEDNEY OR EQUAL GROUND BUSHING BONDED TO GROUND BUS WITH CONDUCTOR SIZED TO MAXIMUM FEEDER GROUND CAPACITY.
 - ALL WIRE SHALL BE TYPE 'THHN' ABOVE GRADE. FEEDERS LOCATED BELOW FLOOR SLAB OR UNDERGROUND SHALL BE TYPE 'THWN'.
 - ALL CONDUIT LOCATED UNDERGROUND SHALL BE PVC SCHEDULE 40 UNLESS NOTED OTHERWISE.



FIXTURE F1 WIRING DETAIL 2
NO SCALE

- KEYNOTES:**
- (D1) 20A FUSE FOR RECEPTACLE. ONE (1) PER LIGHT POLE AS SHOWN. SHALL MEET ILLINOIS DEPT. OF TRANSPORTATION STANDARDS FOR ROAD AND BRIDGE CONSTRUCTION.
 - (D2) 10A FUSE FOR LUMINAIRE. TWO (2) PER LIGHT POLE AS SHOWN. SHALL MEET ILLINOIS DEPT. OF TRANSPORTATION STANDARDS FOR ROAD AND BRIDGE CONSTRUCTION.
 - (D3) SURGE SUPPRESSOR PER POLE. SHALL MEET ILLINOIS DEPT. OF TRANSPORTATION STANDARDS FOR ROAD AND BRIDGE CONSTRUCTION.

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DAVID A. HANSHAW
ROCK ISLAND, ILLINOIS
ILLINOIS LICENSED PROFESSIONAL ENGINEER NO. 062.050805
EXPIRES: 11/30/2011

ONE-LINE & DETAIL
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Date: 09/24/2009
Job: 2090205
32

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
R. B. 1.	3	LEE	39	33
P. A.C.				
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

*SECTION 03-00160-00-PV Contract #B5503

ELECTRICAL PAY ITEMS			
ITEM	IDOT ITEM #	UNIT	TOTAL
CONDUIT IN TRENCH, 1" DIA., PVC	81012300	FOOT	1695
CONDUIT IN TRENCH, 2" DIA., PVC	81012600	FOOT	370
CONDUIT EMBEDDED IN STRUCTURE, 1" DIA. GALVANIZED METAL	81200100	FOOT	440
CONDUIT EMBEDDED IN STRUCTURE, 2" DIA. GALVANIZED METAL	81200120	FOOT	20
CONDUIT, BORED AND PULLED, COILABLE NONMETALLIC CONDUIT, 1"	81028030	FOOT	395
CONDUIT, BORED AND PULLED, COILABLE NONMETALLIC CONDUIT, 2"	81028060	FOOT	240
HANDHOLE PORTLAND CEMENT CONCRETE	81400700	EACH	1
HANDHOLE, COMPOSIT CONCRETE	81400730	EACH	4
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 12	81702100	FOOT	110
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	81702120	FOOT	6700
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	81702110	FOOT	9500
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	81702130	FOOT	5600
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO.2	81702150	FOOT	500
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 3/0	81702180	FOOT	110
TRENCH AND BACKFILL FOR ELECTRICAL WORK	81900200	FOOT	2065
LIGHTING CONTROLLER, SPECIAL	82500505	EACH	1
LIGHT POLE FOUNDATION	83600100	FOOT	35
REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	84200500	EACH	25
DECORATIVE LIGHT - TYPE A	XX007393	EACH	35

MATERIAL LIST			
THE SYMBOLS AND THE MATERIAL LIST ARE FOR THE CONVENIENCE OF THE CONTRACTOR. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF QUANTITIES AND SHALL FURNISH ALL MATERIAL REQUIRED, WHETHER SPECIFIED OR NOT, TO PRODUCE A SATISFACTORY WORKING SYSTEM.			
CATALOG NUMBERS SHALL NOT BE CONSIDERED COMPLETE BUT ARE GIVEN ONLY TO AID THE CONTRACTOR IN THE SEARCH FOR MATERIAL. NO MATERIAL SHALL BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY. EACH CONTRACTOR SHALL FIRST READ THE COMPLETE DESCRIPTION OF THE MATERIAL ON THESE DRAWINGS AND SPECIFICATIONS. THE FIRST MANUFACTURER LISTED IS THE BASIS OF DESIGN. "STANDARD COLOR" INDICATES FACTORY FINISH AVAILABLE AT NO ADDITIONAL CHARGE.			
ITEM	SYMBOL	DESCRIPTION	APPROVED MANUFACTURER
1.		HANDHOLE, COMPOSITE POLYMER CONCRETE BODY AND COVER. STAINLESS STEEL HARDWARE. BOLTED NON-SKID COVER RATED FOR 15,000LB WITH 'STREET LIGHTING' LOGO. COORDINATE COVER COLOR WITH G.C. 11"W, 18"L, 12"D	STRONGWELL/QUAZITE COVER: PC1118HA0041 BOX: PC1118BG12 CARSON INDUSTRIES ARMORCAST
2.		HANDHOLE, TRAFFIC RATED, CONCRETE BODY AND BOLTED NON-SKID STEEL COVER WITH HAND LOOP. STAINLESS STEEL HARDWARE. COORDINATE COVER COLOR WITH G.C. 30"W, 30"L, 47"D	HARTFORD 10-501K
3.		OPEN BOTTOM OUTDOOR ENCLOSURE, N.E.M.A. 3R, PAINTED GALVANIZED STEEL CONSTRUCTION, HINGED DOOR WITH LATCHED PADLOCK HASP. 36"W, 72"T, 18"D	HOFFMAN
4.		LIGHTING CONTACTOR, ELECTRICALLY HELD, 120 VOLT COIL, 120 VOLT CONTACTS, 2 POLE, N.E.M.A. 1 ENCLOSURE, 200 AMP CONTINUOUS CONTACTS, INTEGRAL HAND-OFF AUTO SELECTOR SWITCH, U.L. LISTED.	SQUARE D CLASS 8903 GENERAL ELECTRIC CR360L CUTLER HAMMER CN35DG SIEMENS LEN SERIES
5.		PHOTOCELL, REUSE EXISTING	
6.		METER SOCKET, SELF CONTAINED, 200 AMP, 240/120 VOLT, N.E.M.A. 3R ENCLOSURE, U.L. LISTED. COORDINATE WITH UTILITY COMPANY FOR SPECIFICATIONS. METER BY UTILITY COMPANY.	ANCHOR LANDIS & GEAR SUPERIOR
7.		SWITCH FOR PHOTOCELL OVERRIDE, TOGGLE HANDLE, MAINTAINED CONTACT, SINGLE POLE, SINGLE THROW, SPECIFICATION GRADE, SIDE AND BACK WIRED, 20 AMP, 120 VOLT, U.L. LISTED.	HUBBELL HBL1221 LEVITON 1221-2 PASS & SEYMOUR PS20AC1 COOPER 2221
8.		PANELBOARD, SURFACE MOUNT, SERVICE ENTRANCE RATED 200A MAIN CIRCUIT BREAKER 240/120 VOLT, 1 PHASE, 3 WIRE, S/N, GROUND BUS, COPPER BUS, BOLT-ON BREAKERS, FEED-THROUGH LUGS, N.E.M.A. 1 ENCLOSURE, 14" WIDTH, SEE ONE-LINE FOR SIZE AND CONFIGURATION, SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.	SQUARE D NQOD GENERAL ELECTRIC AL SIEMENS P1 CUTLER-HAMMER PRL1
9.		PANELBOARD, SURFACE MOUNT, MAIN LUG ONLY, 240/120 VOLT, 1 PHASE, 3 WIRE, S/N, GROUND BUS, COPPER BUS, BOLT-ON BREAKERS, N.E.M.A. 1 ENCLOSURE, 14" WIDTH, SEE ONE-LINE FOR SIZE AND CONFIGURATION, SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.	SQUARE D NQOD GENERAL ELECTRIC AL SIEMENS P1 CUTLER-HAMMER PRL1

KJWW ENGINEERING
CONSULTANTS

Illinois Professional Design
Firm No.

Sheets 27-33 Only
For Electrical Only



DAVID A. HANSHAW
ROCK ISLAND, ILLINOIS
ILLINOIS LICENSED PROFESSIONAL
ENGINEER NO. 082-080805
EXPIRES: 11/30/2011

DATE: 7/26/09

MATERIAL LIST & SCHEDULE

HENNEPIN AVE.
SECTION 03-00160-00-PV
CITY OF DIXON

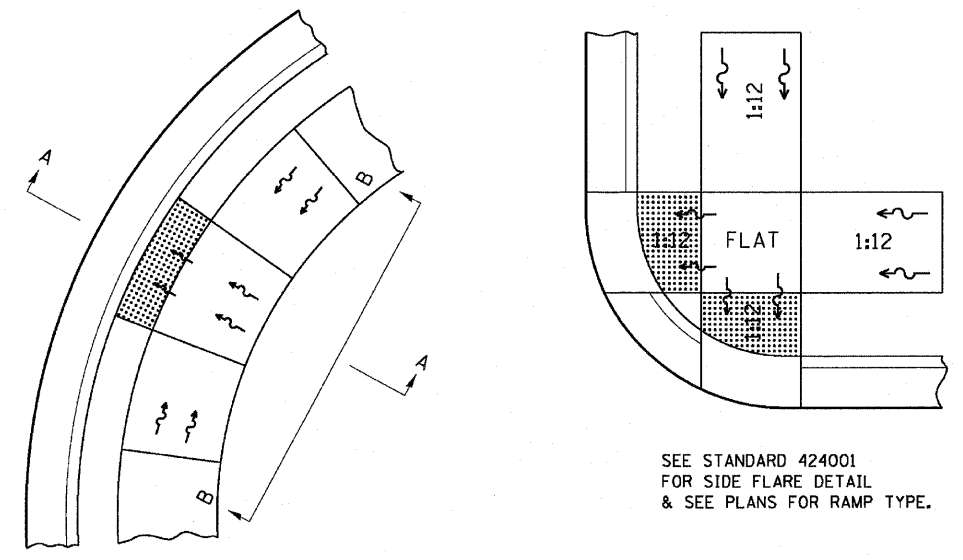


623 26th AVENUE
ROCK ISLAND, IL 61201
209-758-0673
FAX: 209-796-2987
WWW.KJWW.COM

Date:
09/24/2009

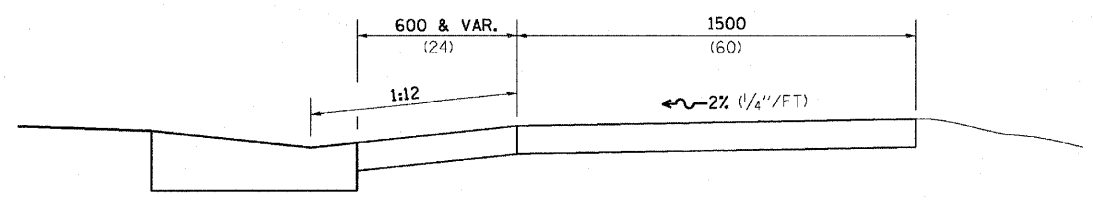
Job:
2090205

DISABLED RAMP DETAIL

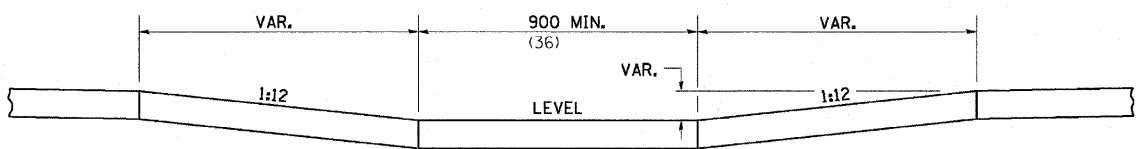


SEE STANDARD 424001 FOR SIDE FLARE DETAIL & SEE PLANS FOR RAMP TYPE.

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



SECTION A-A

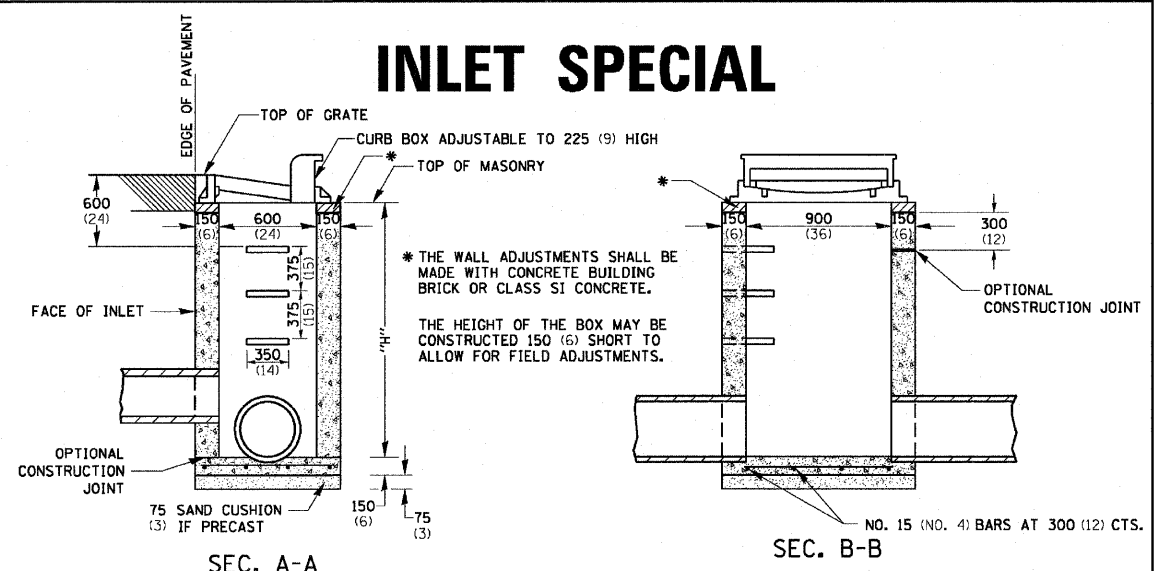


SECTION B-B

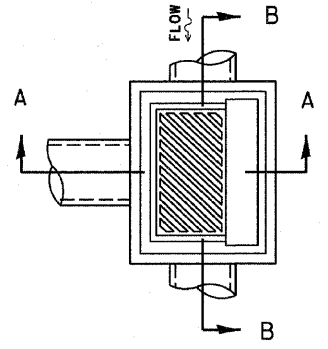
NOTES : THIS DETAIL TO BE USED IN CONJUNCTION WITH STATE STANDARD 424001. THE MAXIMUM ALLOWABLE CROSS SLOPE FOR SIDEWALK IS 2% (1/4\"/>

REVISED - 9-19-05	SCALE: 1:8000 1/8\"/>					
REVISED -						
REVISED -						
REVISED -						
REGION 2 / DISTRICT 2 STANDARD		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: 1:8000 1/8\"/>						
PLOT DATE = August 23 2007		CONTRACT NO.		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT		

INLET SPECIAL



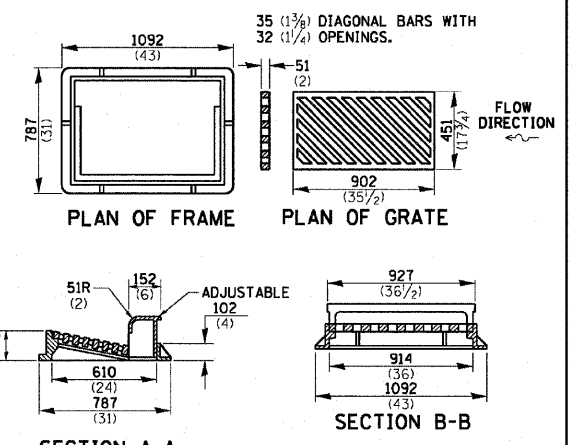
* THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE. THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 150 (6) SHORT TO ALLOW FOR FIELD ADJUSTMENTS.



DETAIL OF FRAME & GRATE

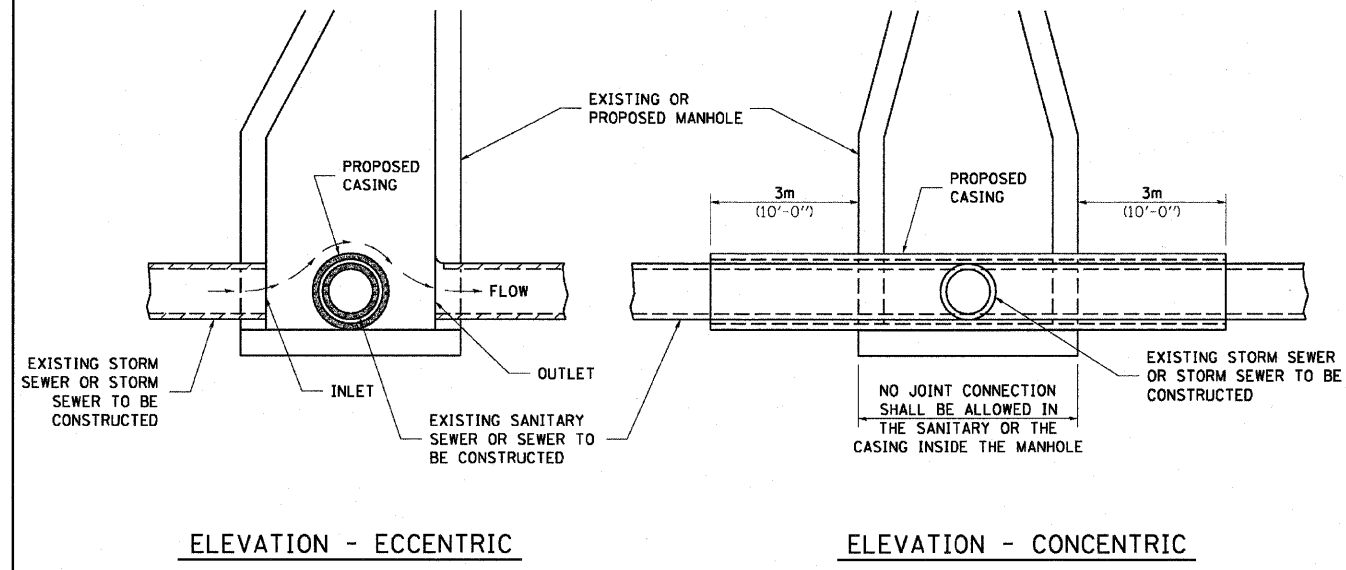
NOTES CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. PRECAST CONCRETE SHALL BE IN ACCORDANCE WITH SECTION 504.01 THRU 504.05 OF THE STANDARD SPECIFICATIONS EXCEPT THAT CONCRETE STRENGTH SHALL BE 27.5 MPa (4,000 psi) AFTER 28 DAYS. THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL SHALL INCLUDE THE COST OF CONSTRUCTING THE INLET BOX, FURNISHING AND INSTALLING THE FRAME AND GRATE, THE CAST IRON STEPS (IF USED), THE PRECAST FLOOR SLABS, SAND CUSHION (WHEN USED) AND REINFORCEMENT BARS.

NOTES SEE STANDARD 602701 FOR DETAILS OF STEPS. EXCEPT AS NOTED HEREON INLET SPECIAL SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS. THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTED SECTIONS. ALL VOIDS AROUND PIPE ENTRANCE, BOTH INSIDE AND OUTSIDE, SHALL BE SEALED WITH MORTAR. WEIGHT OF CAST IRON FRAME & GRATE = 240 kg (530 lbs.) ± . STEPS SHALL BE OMITTED WHEN DEPTH OF "H" IS LESS THAN 1.5 m (5 ft) .



REVISED - 11-10-94	SCALE: 1:8000 1/8\"/>					
REVISED -						
REVISED -						
REVISED -						
REGION 2 / DISTRICT 2 STANDARD		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: 1:8000 1/8\"/>						
PLOT DATE = August 23 2007		CONTRACT NO.		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT		

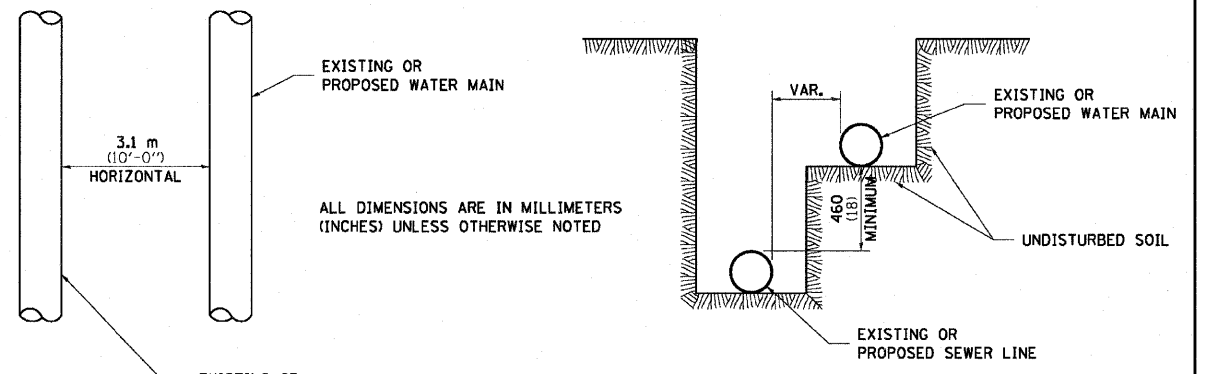
SEWER AND WATER MAIN CROSSINGS



THIS DETAIL IS FOR UNKNOWN UTILITIES UNLESS QUANTITIES ARE INCLUDED IN THE PLANS THE EXTRA WORK WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.

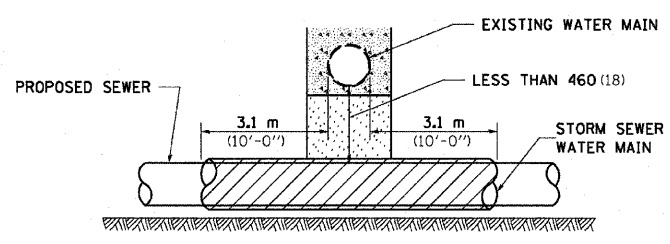
WHEN PROPOSED SEWER (OR WATER) IS LOCATED 3.1 m (10'-0") OR MORE FROM EXISTING WATER (OR SEWER) NO SPECIAL CONSTRUCTION REQUIRED.

WHEN PROPOSED SEWER (OR WATER) IS LOCATED LESS THAN 3.1 m (10'-0") FROM EXISTING WATER (OR SEWER) DETAILS BELOW SHALL APPLY.

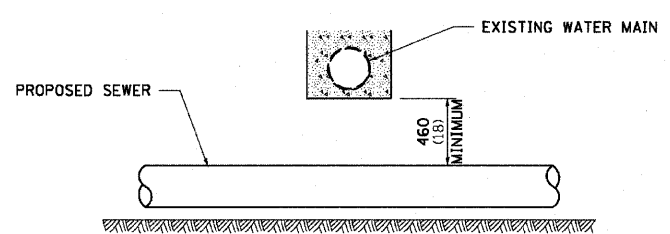


AT GRADE CROSSING OF SANITARY AND STORM SEWER
 CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 50 (2) LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED
 ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

POINT LOADS SHALL NOT BE ALLOWED BETWEEN SEWER OR SEWER CASING AND WATER MAIN
 PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH

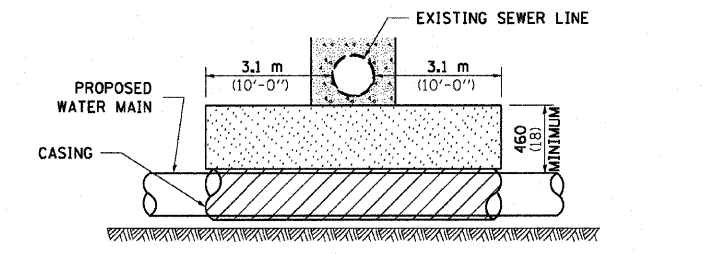


PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH
 MAINTAIN 460 (18) MINIMUM VERTICAL SEPARATION FOR 3.1m (10') HORIZONTALLY



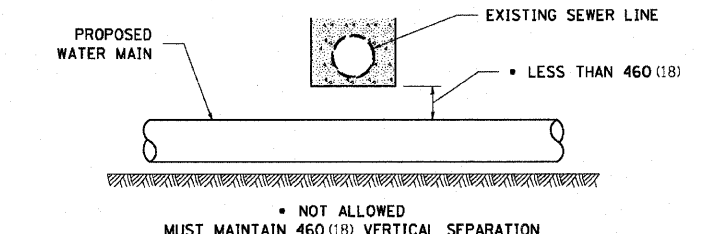
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED
PROPOSED SEWER LINE BELOW EXISTING WATER MAIN

PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT
 PLACE TRENCH BACKFILL FOR 3.1 m (10') ON EITHER SIDE OF SEWER LINE



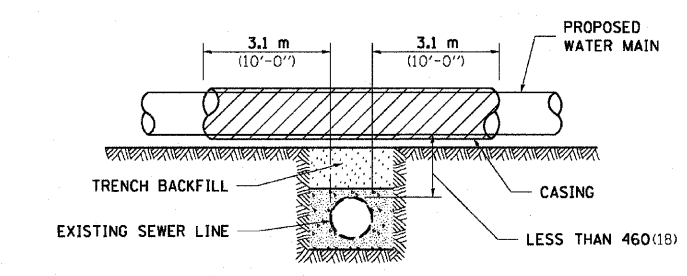
CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 50 (2) LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH
 MAINTAIN 460 (18) MINIMUM VERTICAL SEPARATION FOR 3.1m (10') HORIZONTALLY



ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED
PROPOSED WATER MAIN BELOW EXISTING SEWER LINE
 • NOT ALLOWED
 MUST MAINTAIN 460 (18) VERTICAL SEPARATION

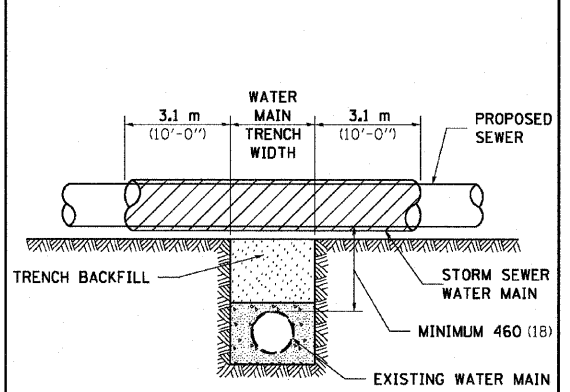
POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN OR WATER MAIN CASING AND SEWER



CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 50 (2) LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED
PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE

PROVIDE ADEQUATE SUPPORT FOR SEWER TO PREVENT SETTLING AND BREAKING THE WATER MAIN.



ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

EXISTING WATER MAIN BELOW PROPOSED SEWER LINE WITH MINIMUM 460 (18) VERTICAL SEPARATION

FILE NAME = District 2 Standard	USER NAME = IDOT/District 2	DESIGNED -	REVISED - 10-15-04
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO.	