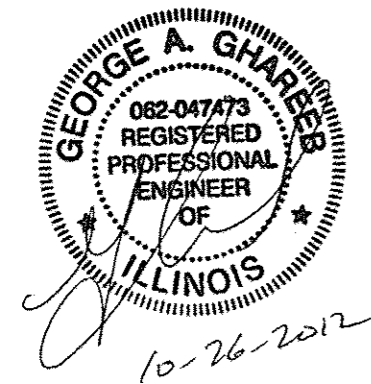


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

EAST MAIN STREET
SECTION: 10-0002-00-LS
PROJECT NO.: TE-0004(117)
CITY OF ELMWOOD STREETScape IMPROVEMENTS
PEORIA COUNTY
JOB NO. C-94-067-11

FOR INDEX OF SHEETS, SEE SHEET NO. 2
LIST OF STATE STANDARDS LOCATED ON
SHEET NO. 2

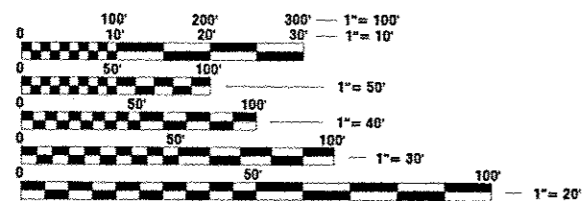


TRAFFIC DATA

ADT = 1650 VPD (DESIGN YEAR N/A)

POSTED SPEED = 25 MPH

ROADWAY DESIGNATION = STATE

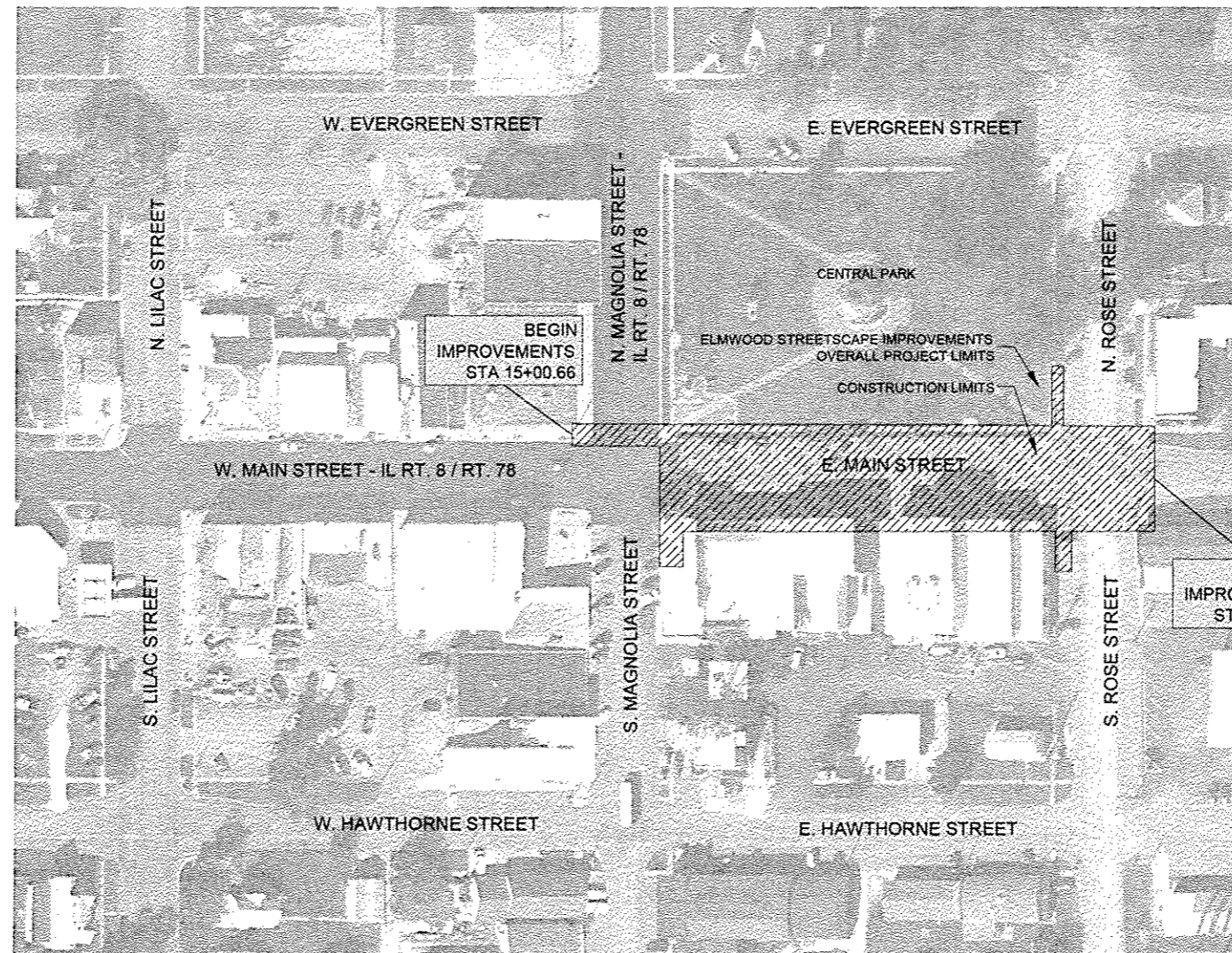


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

TERRA ENGINEERING, LTD.

CONTRACT NO. 89604



PROJECT AREA MAP

F.A. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIES	10-0002-00-LS	PEORIA	34	1
ILLINOIS			CONTRACT NO. 89604	



CITY OF ELMWOOD	
Approved	10-29-2012 <i>J. C. Capone</i> LOCAL AGENCY, POSITION
Passed	11/04/12 <i>[Signature]</i> DISTRICT 4 ENGINEER OF LOCAL ROAD & STREETS
Releasing for Bid Based on Limited Review	11-2-12 <i>J. C. Capone</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION 3 ENGINEER

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

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS AND GENERAL NOTES
3-7	SUMMARY OF QUANTITIES
8-13	TYPICAL SECTIONS
14-15	SCHEDULE OF QUANTITIES
16	ALIGNMENT, TIES AND BENCHMARKS
17-18	REMOVAL PLAN
19-20	DESIGN PLAN
21	MAINTENANCE OF TRAFFIC PLAN
22-24	GRADING AND UTILITY PLAN
25-26	LANDSCAPING PLAN AND DETAILS
27	LIGHTING PLAN AND DETAILS
28-29	LIGHTING PLAN AND DETAILS
30	LIGHTING PLAN AND DETAILS
31-34	PROJECT SPECIFIC DETAILS

HIGHWAY STANDARDS

424001-07	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424026-01	ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
604016-02	FRAME AND GRATE TYPE 4
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AN GUTTER
701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-02	TRAFFIC CONTROL DEVICES
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-02	HANDHOLES
814006-02	DOUBLE HANDHOLES
825021-02	LIGHTING CONTROLLER BASE MOUNTED, 240V
836001-02	LIGHT POLE FOUNDATION

GENERAL NOTES

1. THE LOCATION OF DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF MOBILIZATION UNIT BID PRICE OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
2. ALL AREAS DISTURBED DURING CONSTRUCTION OPERATIONS AND NOT PART OF THE WORK AS SHOWN HEREON SHALL BE RESTORED TO ORIGINAL CONDITION TO THE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL COMPENSATION TO THE CONTRACTOR. IT IS INCUMBENT UPON THE CONTRACTOR TO SHOW THAT DAMAGED AREAS WERE NOT DISTURBED BY CONSTRUCTION OPERATIONS.
3. THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT ABUTTING PROPERTY, UTILITIES, PEDESTRIANS, AND VEHICULAR TRAFFIC.
4. THE CONTRACTOR IS RESPONSIBLE FOR ADJUSTING ALL EXISTING UTILITIES AND STRUCTURES AS NECESSARY TO THE FINAL PROPOSED SURFACE PROFILE GRADES. CONTRACTOR SHALL OBTAIN ALL PERMITS NECESSARY FOR ADJUSTING EXISTING UTILITIES AND STRUCTURES AND ALL COORDINATION WITH CITY AND/OR VILLAGE DEPARTMENTS AND UTILITY OWNERS.
5. THE CONTRACTOR SHALL MAINTAIN SURFACE DRAINAGE OF THE ROAD DURING CONSTRUCTION.
6. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES FOR FIELD LOCATIONS OF THEIR FACILITIES PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE MAINTENANCE AND PRESERVATION OF THESE FACILITIES. ALL UTILITY LOCATIONS SHOWN MUST BE VERIFIED BY THE CONTRACTOR IN THE FIELD.
7. CARE MUST BE TAKEN FOR ANY EARTH EXCAVATION NEAR EXISTING TREES SO THAT DAMAGE TO THE TREE ROOTS DOES NOT OCCUR.
8. WHEN CONCRETE REMOVAL IS REQUIRED, IT MUST BE ACCOMPLISHED BY SAWCUT, SLEDGES, AND PNEUMATIC HAND TOOLS. EQUIPMENT AND METHODS USED MUST BE SUCH AS TO PREVENT CRACKING, SHATTERING OR SPALLING OF CONCRETE THAT IS TO REMAIN.
9. ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT TERM CLOSURES.
10. IF THE CONTRACTOR CAUSES DEBRIS TO ENTER THE EXISTING SEWERS, THAT ENTIRE SECTION OF SEWER BETWEEN MANHOLES MUST AT ONCE BE THOROUGHLY CLEANED AND RODDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT. ALL SEWER AND WATER STRUCTURES SO CONTAMINATED MUST AT ONCE BE THOROUGHLY CLEANED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.
11. CONTRACTOR MUST SAWCUT AND HAND BREAK FOR SIDEWALK REMOVAL AT THE R.O.W/ BUILDING LINE TO AVOID DAMAGE TO ADJACENT PROPERTIES. SAW CUTTING SHALL BE INCLUDED IN THE REMOVAL PAY ITEM FOR WHICH THE SAW CUTTING IS BEING PROVIDED.
12. WHEN PLACING CONCRETE ADJACENT TO PRIVATE PROPERTY, THE CONTRACTOR MUST PROTECT PROPERTY (VISQUEEN, ETC.) TO AVOID CONCRETE SPLATTER AND/OR DAMAGE.
13. ALL EXCAVATION AND DISPOSAL IS INCIDENTAL TO PAY ITEMS.

UTILITY OWNER'S/CONTACTS

1. AMEREN ILLINOIS
KENT KOWALSKIE
309-693-4839
2. ELMWOOD, CITY OF
DANIEL BYBEE
309-742-2351
3. FRONTIER COMMUNICATIONS
DARREL SENIOR
309-827-1253
4. MEDIACOM MIDWEST LLC
MIKE SUITER
309-274-4500


COMMITMENTS

1. AT LEAST ONE ACCESS POINT TO THE PIONEER'S STATUE WILL BE OPEN AT ALL TIMES DURING CONSTRUCTION.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS


ITEM	AC TYPE	VOIDS
HOT-MIX ASPHALT SURFACE COURSE MIX "C", N50 (IL 9.5 MM), 1 1/2"	PG 64-22	4% @ 50 Gyr

NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 Lbs/SY/IN

FILE NAME	DESIGNED KC	REVISED -	 <p>225 W. 0110 ST., FOURTH FL. CHICAGO, IL 60654 (312)467-0123</p>	<p>CITY OF ELMWOOD</p>	<p>INDEX OF SHEETS AND GENERAL NOTES ELMWOOD STREETSCAPE</p>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME	DRAWN KC	REVISED -				10-00002-00-LS	PEORIA	34	2	
PLOT DATE	CHECKED DA	REVISED -				CONTRACT NO. 89604				
	DATE 10/29/2012	REVISED -				SCALE: VARIES	STA.	TO STA.	ILLINOIS FED. AID PROJECT	


CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ITEP		NON-PARTICIPATING		
				LANDSCAPING (80/20)	LIGHTING (80/20)	LANDSCAPE	ROADWAY	LIGHTING
20101100	TREE TRUNK PROTECTION	EACH	1	1				
* 20101700	SUPPLEMENTAL WATERING	UNIT	20	20				
* 21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	327	327				
* 21101685	TOPSOIL FURNISH AND PLACE, 24"	SQ YD	51	51				
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	4	4				
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	4	4				
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	4	4				
* 25200110	SODDING, SALT TOLERANT	SQ YD	327	327				
28000510	INLET FILTERS	EACH	4	4				
31101100	SUBBASE GRANULAR MATERIAL, TYPE B	CU YD	204	204				
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	40	40				
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	14	14				
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	10	10				
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	2009.0	2009.0				

* SPECIALTY ITEM

FILE NAME *	DESIGNED HTL	REVISED -	 TERRA ENGINEERING LTD. 225 W. OHIO ST., FOURTH FL. CHICAGO, IL 60654 (312)467-0123	CITY OF ELMWOOD	SUMMARY OF QUANTITIES ELMWOOD STREETScape		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE *	CHECKED DA	REVISED -					CONTRACT NO. 89604				
	DATE 10/29/2012	REVISED -	SCALE: VARIES	STA.	TO STA.	ILLINOIS FED. AID PROJECT					


CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ITEP		NON-PARTICIPATING		
				LANDSCAPING (80/20)	LIGHTING (80/20)	LANDSCAPE	ROADWAY	LIGHTING
42400800	DETECTABLE WARNINGS	SQ FT	128	128				
44000100	PAVEMENT REMOVAL	SQ YD	12	12				
44000300	CURB REMOVAL	FOOT	75	75				
44000600	SIDEWALK REMOVAL	SQ FT	8071	8071				
50900805	PEDESTRIAN RAILING	FOOT	51	51				
56104330	WATER VALVES 3/4"	EACH	8	8				
56500700	DOMESTIC WATER SERVICE BOXES TO BE REMOVED	EACH	8	8				
60250200	CATCH BASINS TO BE ADJUSTED	EACH	1	1				
60250700	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 4 FRAME AND GRATE	EACH	1	1				
60611811	COMBINATION CONCRETE CURB AND GUTTER, TYPE M (MODIFIED)	FOOT	23.0	23.0				
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	3	3				
67100100	MOBILIZATION	L SUM	1	1				
72000100	SIGN PANEL - TYPE 1	SQ FT	33.5	33.5				
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	6	6				

* SPECIALTY ITEM

FILE NAME *	DESIGNED HTL	REVISED -	 TERRA ENGINEERING LTD. 225 W. OHIO ST., FOURTH FL. CHICAGO, IL 60654 (312)467-0123	CITY OF ELMWOOD	SUMMARY OF QUANTITIES ELMWOOD STREETSCAPE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE *	CHECKED DA	REVISED -					SCALE: VARIES	STA.	TO STA.	CONTRACT NO. 89604	
	DATE 10/29/2012	REVISED -								ILLINOIS FED. AID PROJECT	


CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ITEP		NON-PARTICIPATING		
				LANDSCAPING (80/20)	LIGHTING (80/20)	LANDSCAPE	ROADWAY	LIGHTING
* 80500100	SERVICE INSTALLATION, TYPE A	EACH	1		1			
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	936		936			
* 81400100	HANDHOLE	EACH	3		3			
* 81702431	ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 3-1C NO. 8, 1/C NO. 8 GROUND	FOOT	1186		1186			
* 81702120	ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 1C NO. 8	FOOT	2372		2372			
* 82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	1		1			
* 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	38.5		38.5			
* 84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	4		4			
* C2C072G3	SHRUB, ROSA FLOWER CARPET RED (FLOWER CARPET RED SHRUB ROSE), CONTAINER GROWN, 3-GALLON	EACH	6	6				
* C2C10924	SHRUB, SYRINGA MEYERI PALIBIN (DWARF KOREAN LILAC), 2' HEIGHT, CONTAINER	EACH	6	6				
* K0012970	PERENNIAL PLANTS, BULB TYPE	UNIT	0.4	0.4				
* K0012980	PERENNIAL PLANTS, ORNAMENTAL TYPE, QUART POT	UNIT	0.28	0.28				
* K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	2.12	2.12				
* K0012993	PERENNIAL PLANTS, ORNAMENTAL TYPE, 3-GALLON POT	UNIT	0.32	0.32				

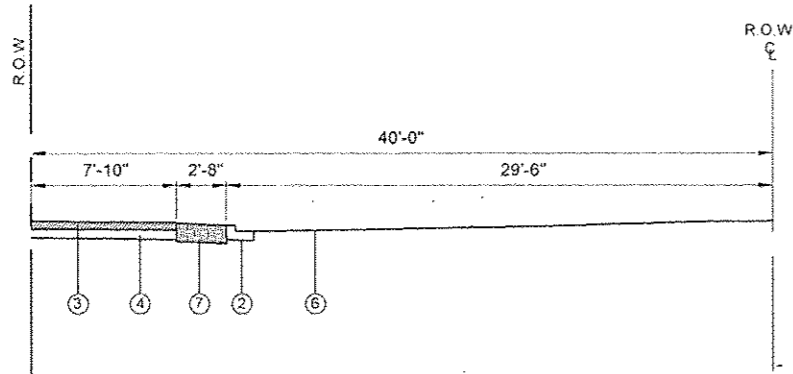
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FILE NAME *	DESIGNED HTL	REVISED -	 225 W. OHIO ST., FOURTH FL. CHICAGO, IL 60654 (312)467-0123	CITY OF ELMWOOD	SUMMARY OF QUANTITIES		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
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	DATE 10/29/2012	REVISED -				CONTRACT NO. 89604									

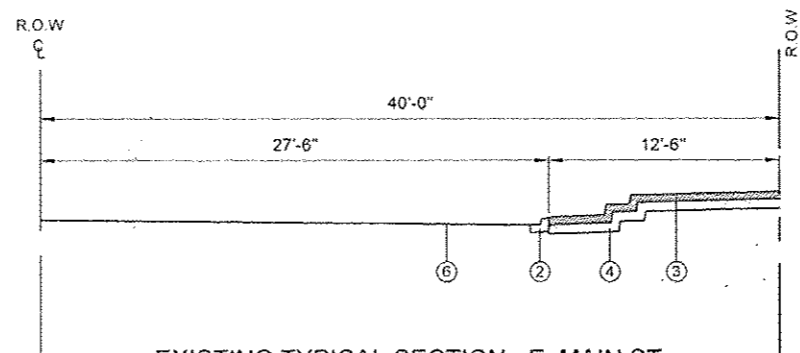
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				LANDSCAPING (80/20)	LIGHTING (80/20)	LANDSCAPE	ROADWAY	LIGHTING
LR430050	CONCRETE PAVER SIDEWALK	SQ YD	468	468				
X0300635	PLANTER	EACH	4	4				
X0322102	TEMPORARY SIDEWALK RAMP	EACH	17	17				
X0325130	TUBULAR TRAFFIC SIGN POST	EACH	7	7				
X0325225	BRICK PAVEMENT REMOVAL AND REPLACEMENT	SQ FT	193	193				
X0326181	INSTALL STREET SIGN	SQ FT	5	5				
* X0326654	ORNAMENTAL LIGHT UNIT, COMPLETE	EACH	7		7			
X2010510	CLEARING AND GRUBBING	L SUM	1	1				
X5030225	CONCRETE STRUCTURES (SPECIAL)	CU YD	60.4	60.4				
* X5090810	PEDESTRIAN RAIL (SPECIAL)	FOOT	211.5	211.5				
X6060505	CONCRETE CURB (SPECIAL)	FOOT	309.5	309.5				
X6064200	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)	FOOT	527	527				
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1				
Z0007126	HANDRAIL REMOVAL	FOOT	115	115				

* SPECIALTY ITEM

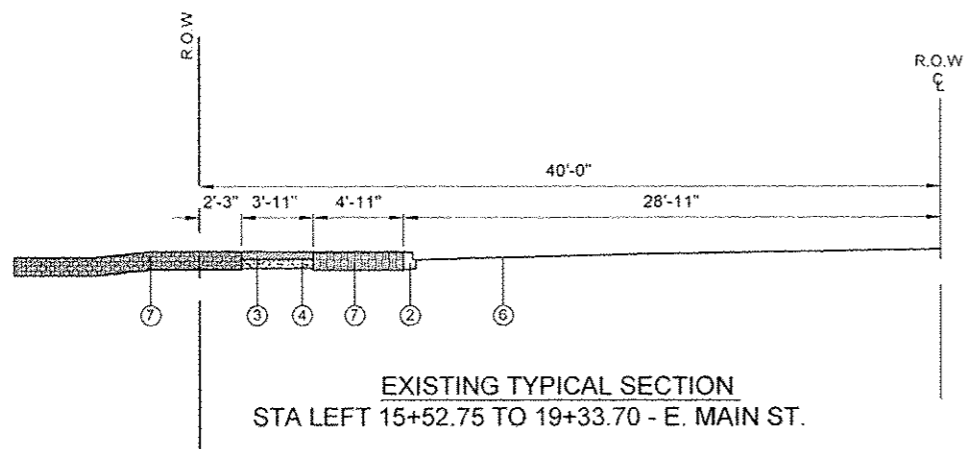
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PLOT DATE *	CHECKED DA	REVISED -					CONTRACT NO. B9604				
	DATE 10/29/2012	REVISED -	SCALE: VARIES	STA.	TO STA.	ILLINOIS FED. AID PROJECT					



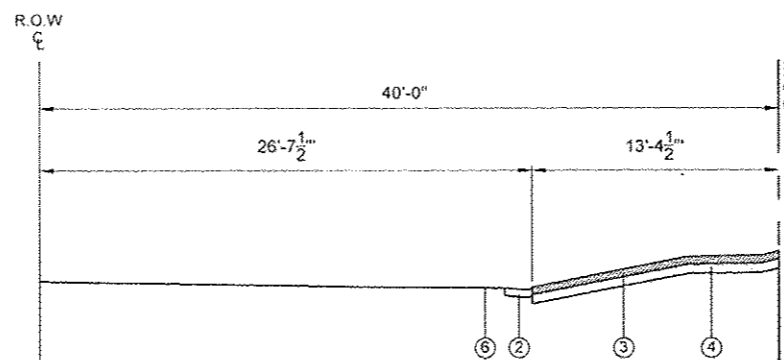
EXISTING TYPICAL SECTION - W. MAIN ST.
STA LEFT 15+00.66 TO 15+52.75



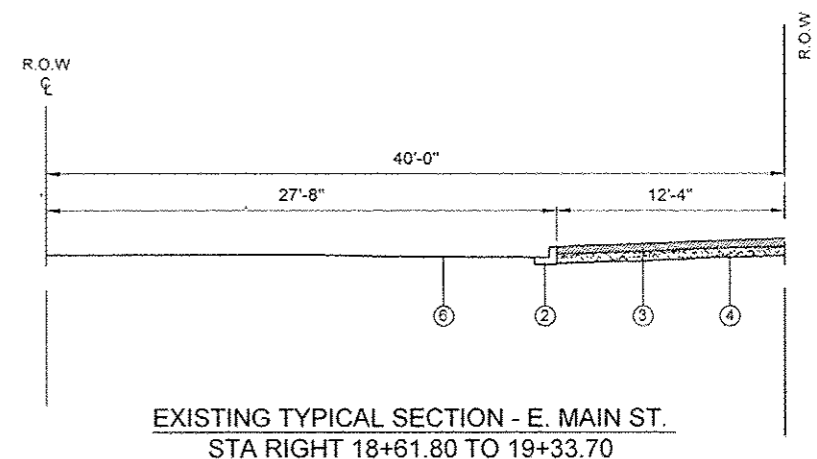
EXISTING TYPICAL SECTION - E. MAIN ST.
STA RIGHT 15+52.75 TO 18+45.41



EXISTING TYPICAL SECTION
STA LEFT 15+52.75 TO 19+33.70 - E. MAIN ST.



EXISTING TYPICAL SECTION - E. MAIN ST.
STA RIGHT 18+45.41 TO 18+61.80



EXISTING TYPICAL SECTION - E. MAIN ST.
STA RIGHT 18+61.80 TO 19+33.70

LEGEND:

- ① EXISTING P.C.C PAVEMENT
- ② EXISTING CONCRETE CURB & GUTTER
- ③ EXISTING P.C.C. SIDEWALK
- ④ EXISTING BASE COURSE
- ⑤ EXISTING ASPHALT SURFACE COURSE
- ⑥ EXISTING STREET PAVEMENT AND BASE
- ⑦ EXISTING TOP SOIL AND PLANTING AREA

FILE NAME *	DESIGNED WS	REVISED -
USER NAME *	DRAWN BM	REVISED -
PLOT DATE *	CHECKED DA	REVISED -
	DATE 10/29/2012	REVISED -



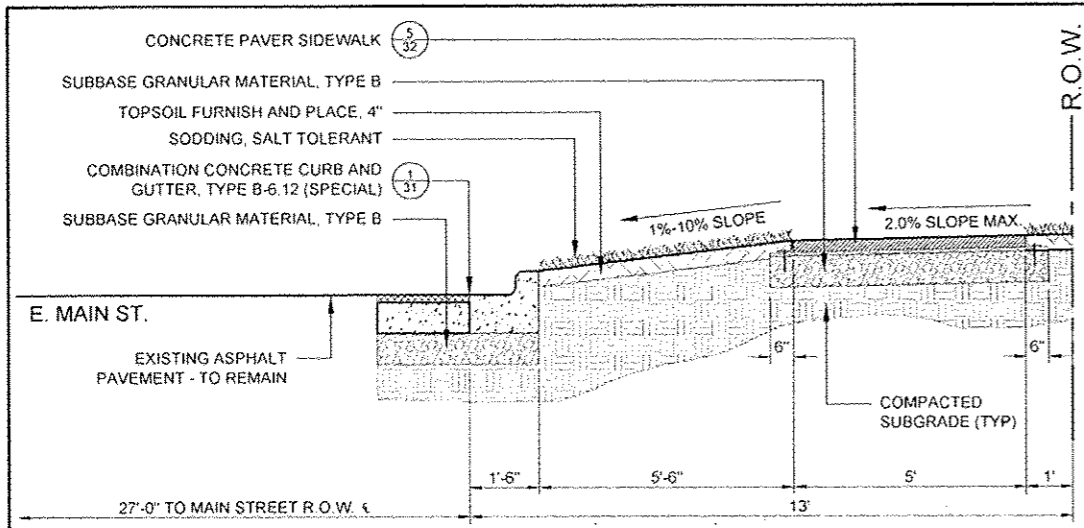
CITY OF ELMWOOD

EXISTING TYPICAL ROADWAY SECTIONS
ELMWOOD STREETScape

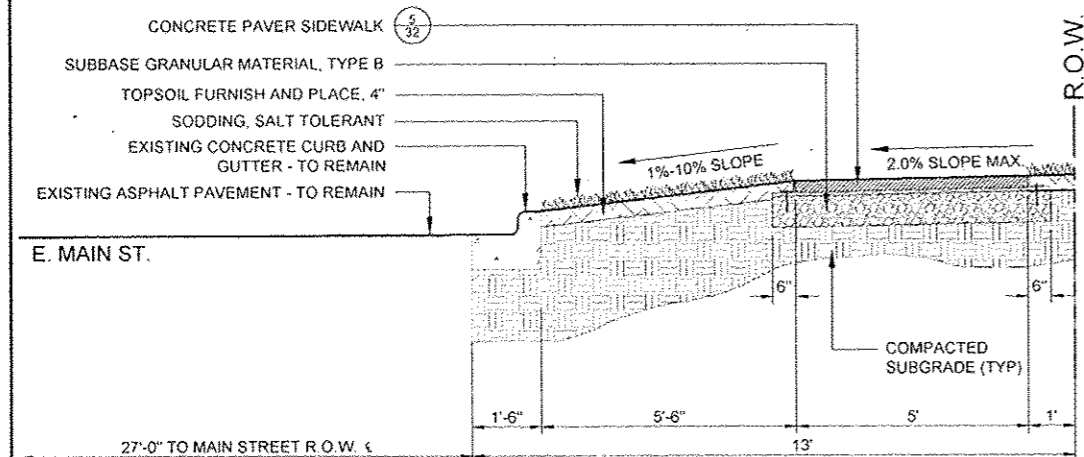
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STA. TO STA.

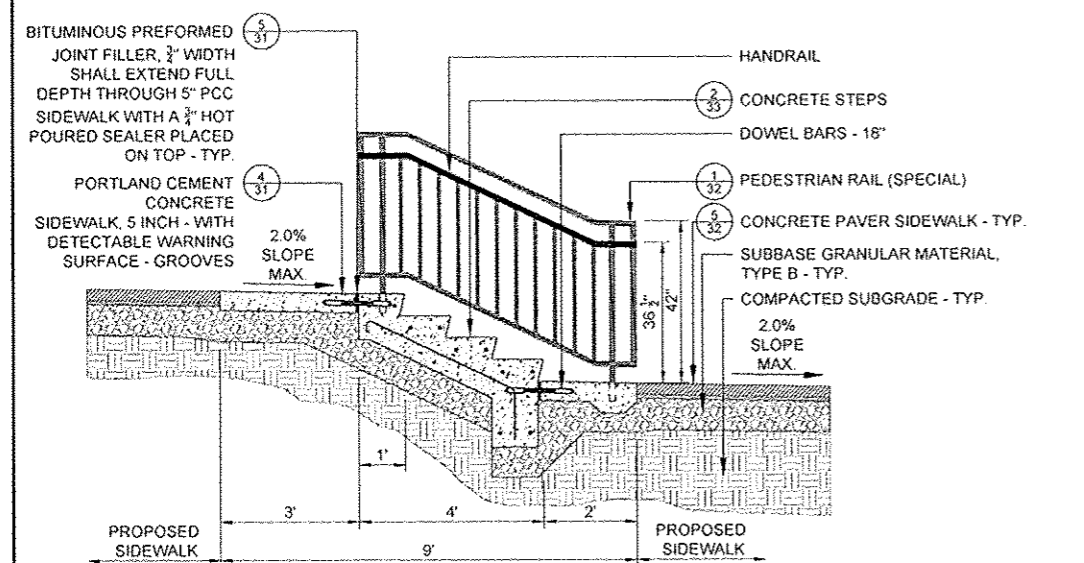
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	10-00002-00-LS	PEORIA	34	08
CONTRACT NO. 89604			ILLINOIS FED. AID PROJECT	



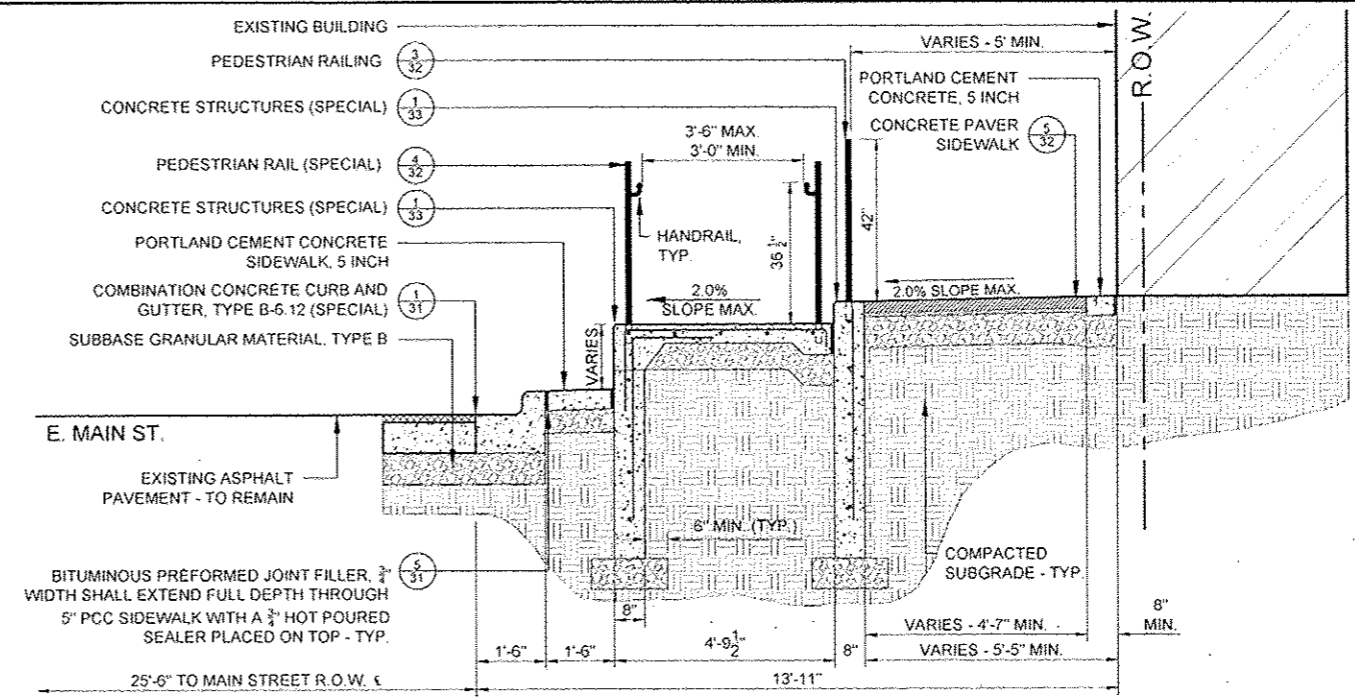
1 PARKWAY DETAIL - PROPOSED CURB - 15+92:15+99 & 18+89:18+94
SCALE: 1/2" = 1'-0"



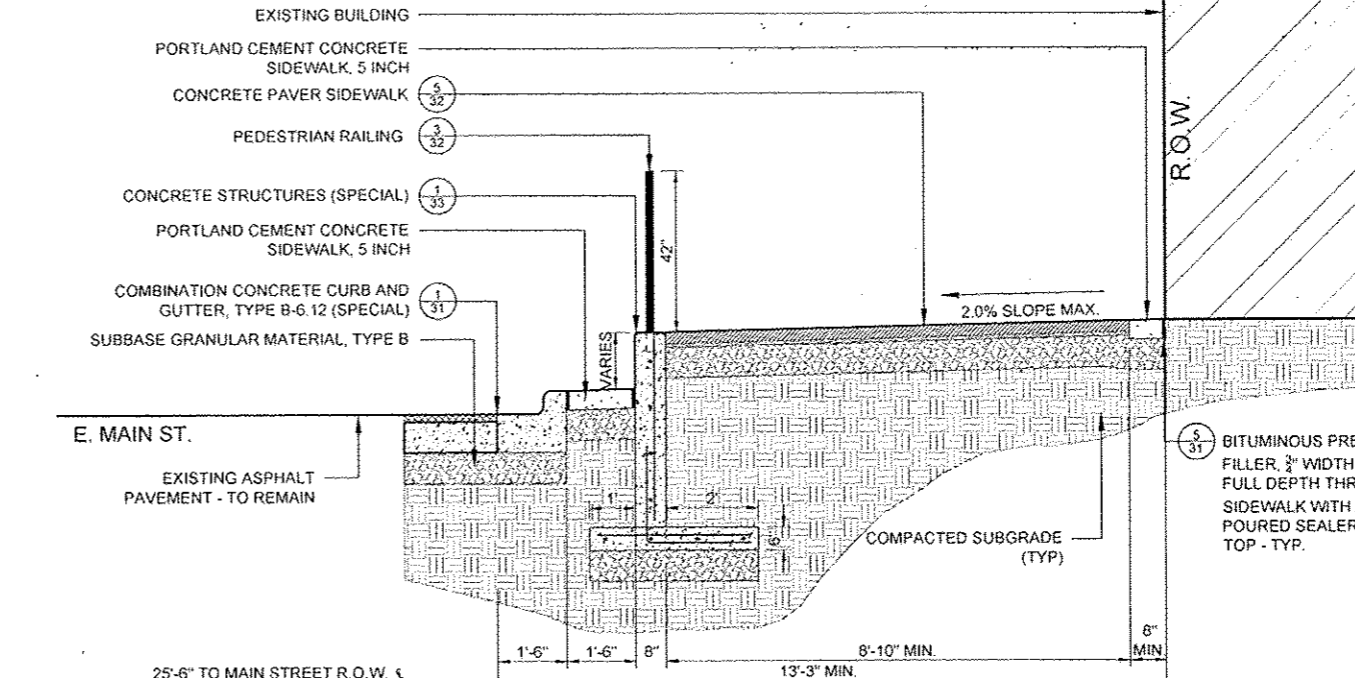
2 PARKWAY DETAIL - EXISTING CURB 15+99:18+89
SCALE: 1/2" = 1'-0"



3 CONCRETE STEPS DETAIL - PRIMARY PATH OF TRAVEL
SCALE: 1/2" = 1'-0"



4 ADA RAMP DETAIL
SCALE: 1/2" = 1'-0"



5 RETAINING WALL DETAIL
SCALE: 1/2" = 1'-0"

LEGEND AND ABBREVIATIONS:

	R.O.W. LINE		EXISTING BUILDING		UNIT PAVERS		CONCRETE SIDEWALK
	COMPACTED SUBGRADE		COMPACTED AGGREGATE BASE				

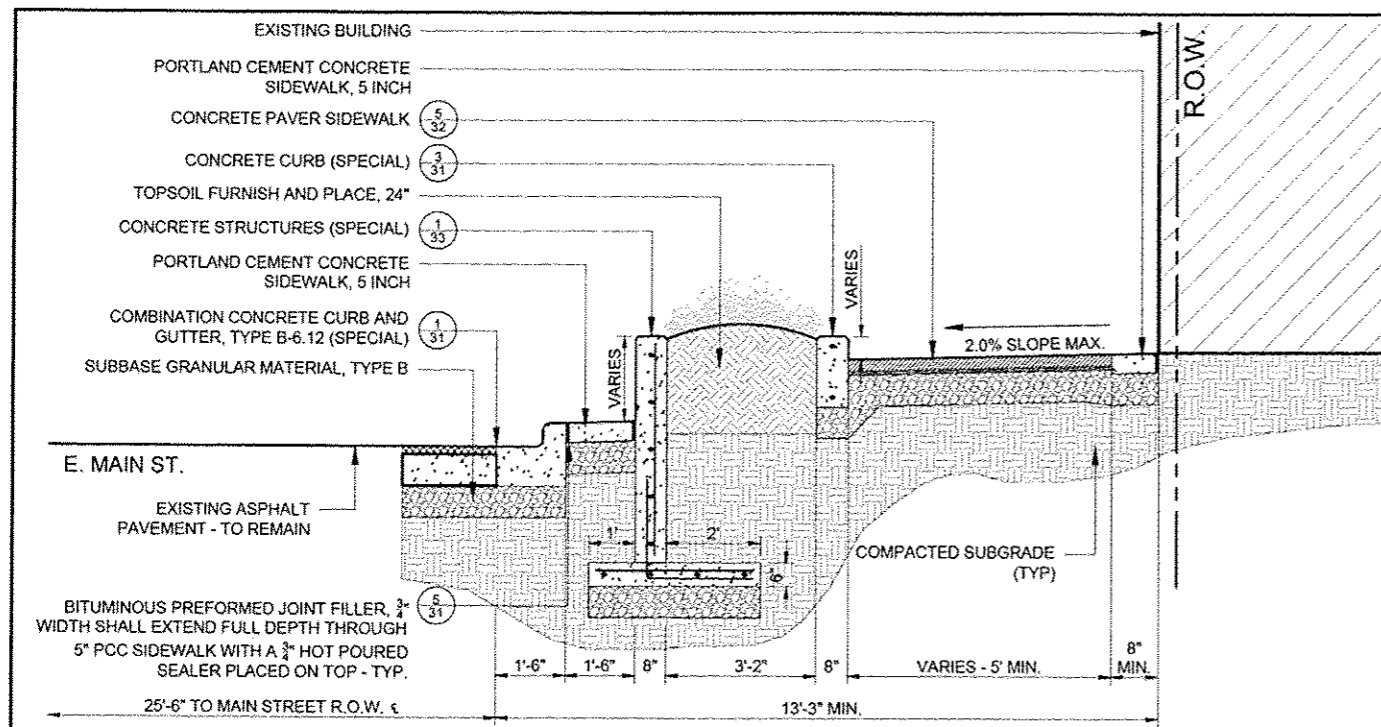
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	DATE 10/29/2012	REVISED -



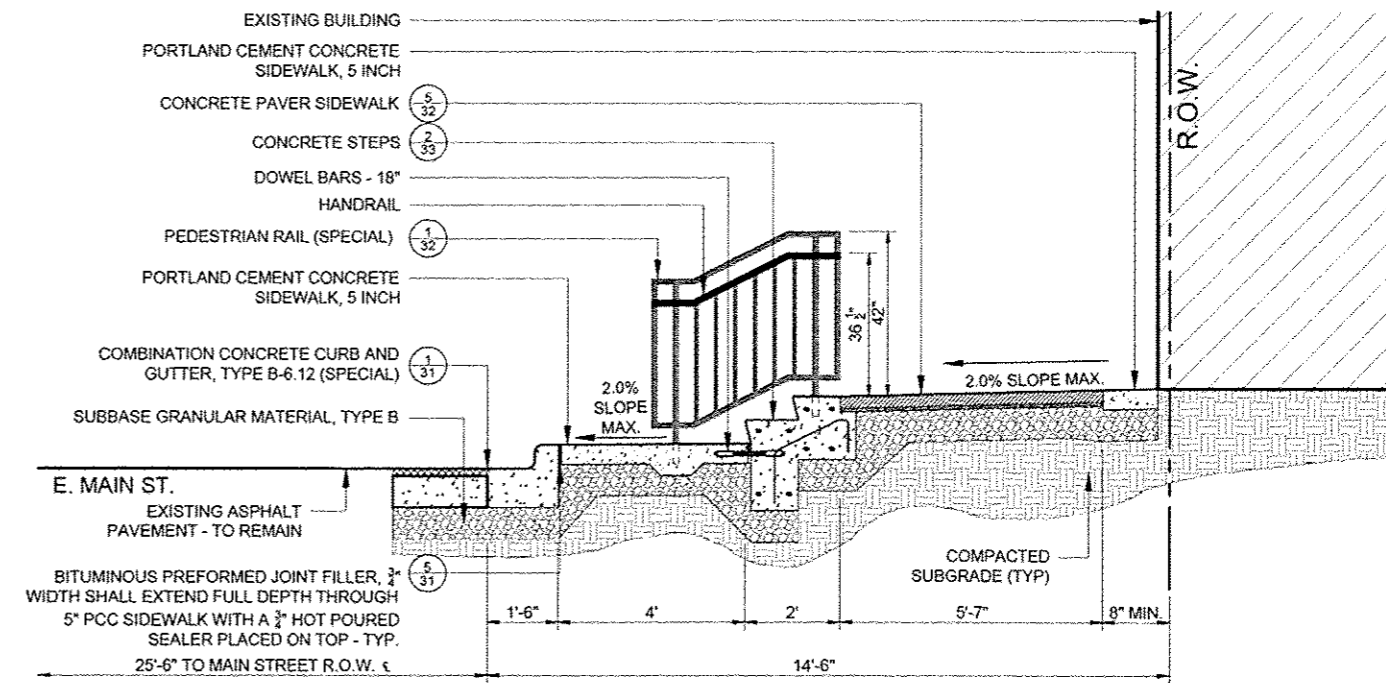
CITY OF ELMWOOD

**PROPOSED TYPICAL ROADWAY SECTIONS
ELMWOOD STREETScape**

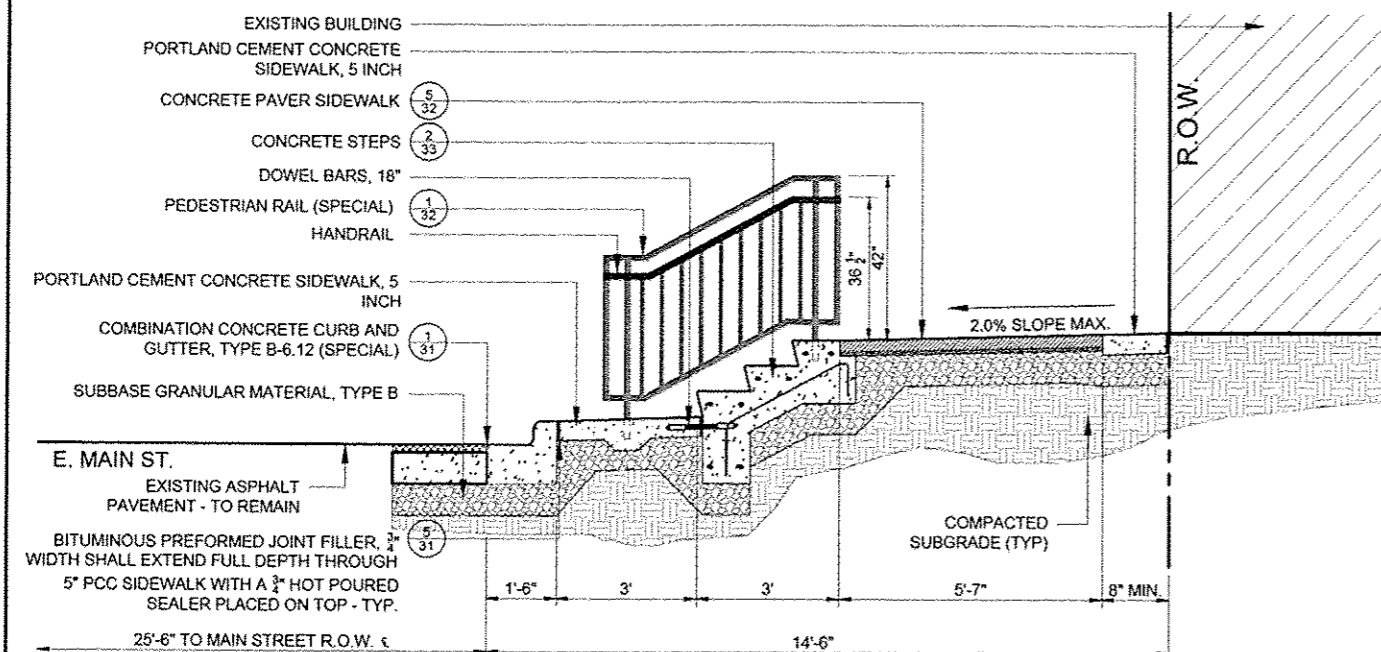
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	10-00002-00-LS	PEORIA	34	09
			CONTRACT NO. 89604	
ILLINOIS FED. AID PROJECT				



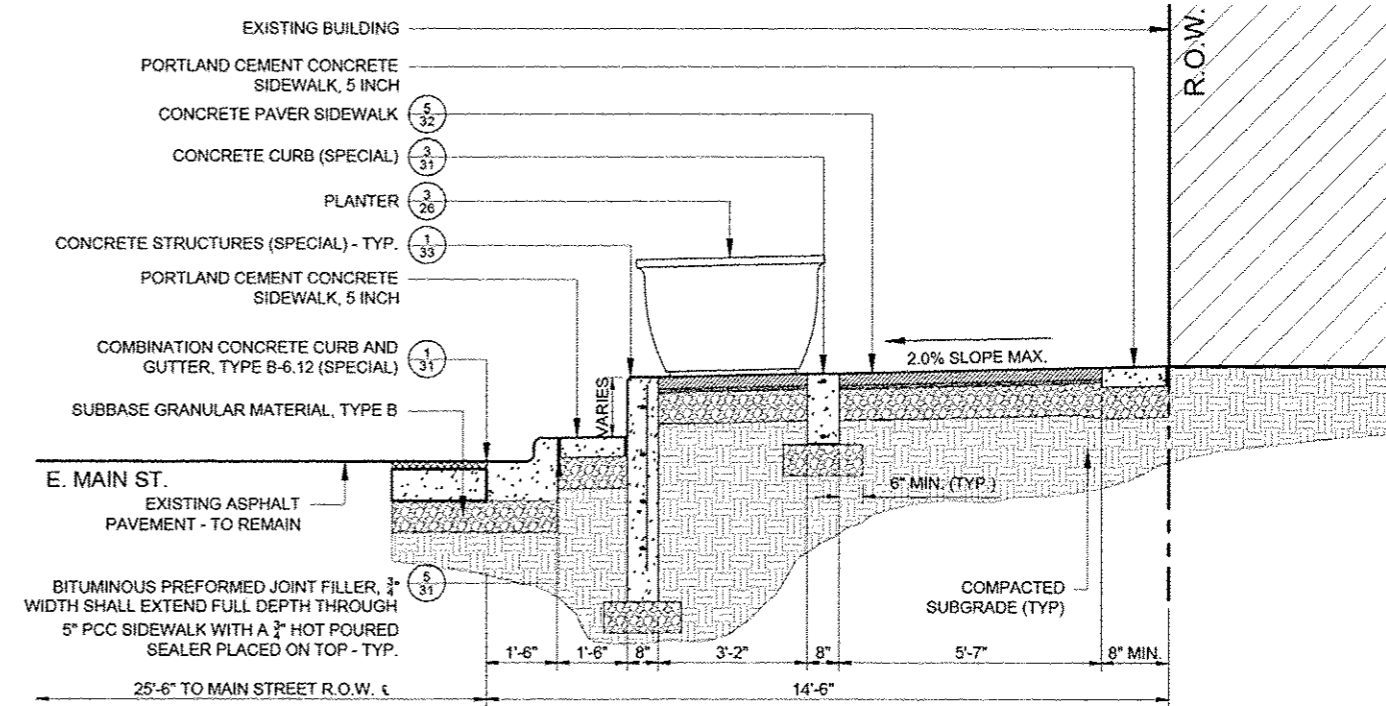
6 LANDSCAPE PLANTER DETAIL
SCALE: 1/2" = 1'-0"



8 CONCRETE STEPS DETAIL - SECONDARY PATH OF TRAVEL
SCALE: 1/2" = 1'-0"

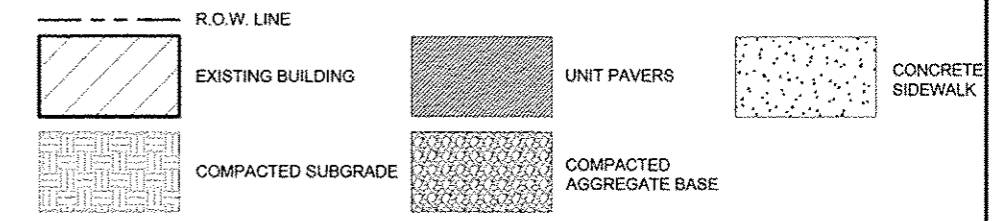


7 CONCRETE STEPS DETAIL - SECONDARY PATH OF TRAVEL
SCALE: 1/2" = 1'-0"




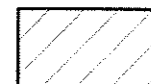

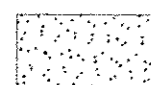

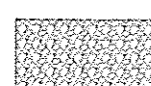
9 PLANTER DETAIL
SCALE: 1/2" = 1'-0"

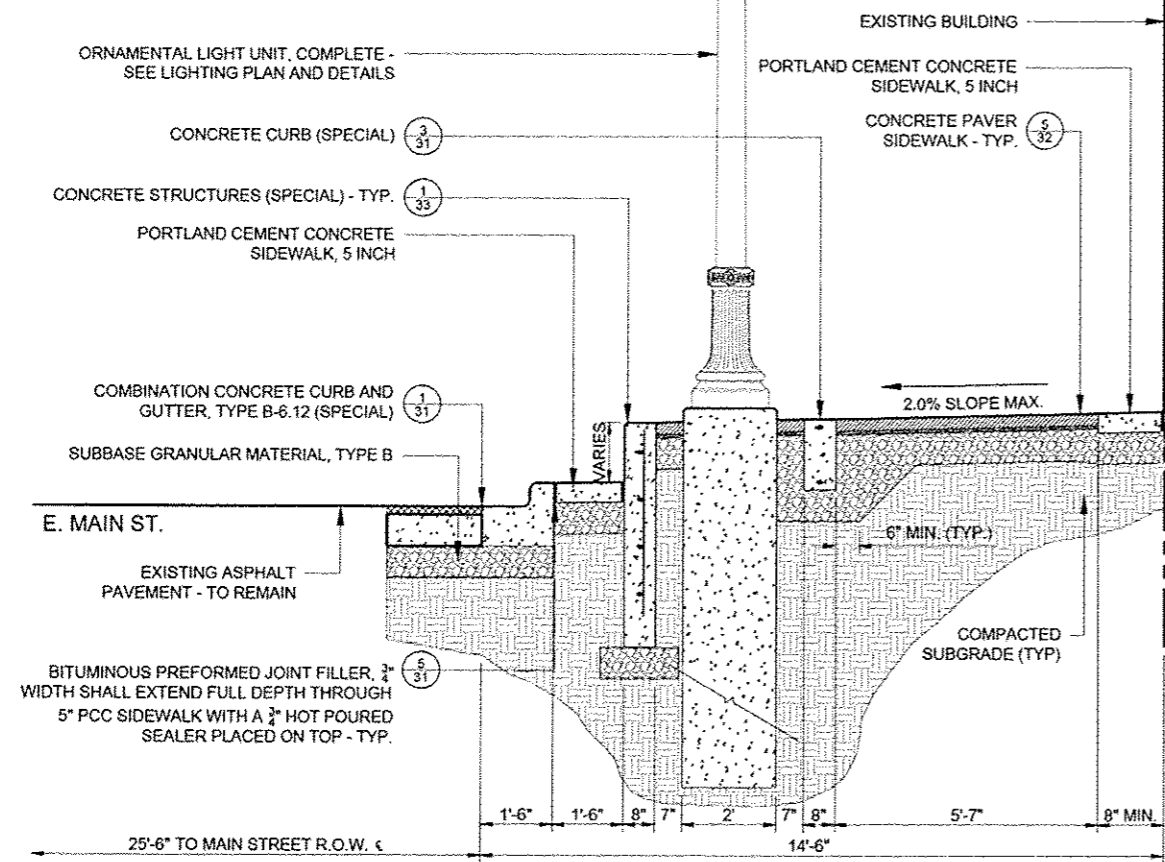
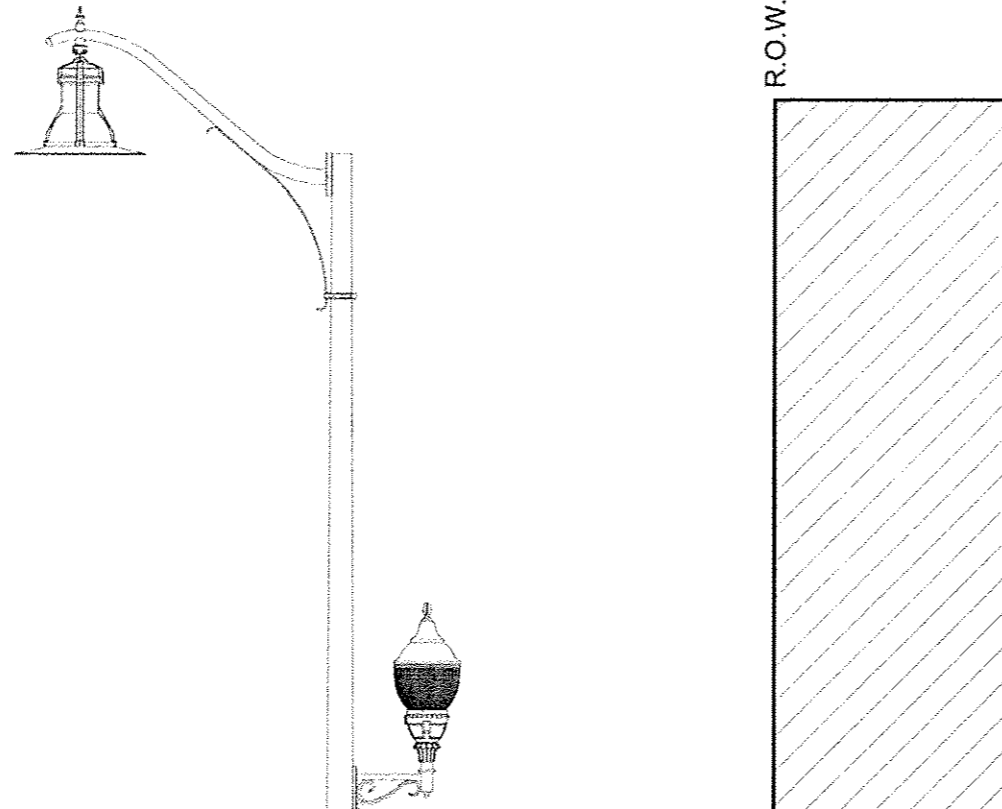
LEGEND AND ABBREVIATIONS:



FILE NAME	DESIGNED WS	REVISED -	<p>225 W. OHIO ST., FOURTH FL. CHICAGO, IL 60654 (312)467-0125</p>	<p>CITY OF ELMWOOD</p>	<p>PROPOSED TYPICAL ROADWAY SECTIONS ELMWOOD STREETScape</p>		F.A. RTL.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME	DRAWN TL	REVISED -					10-0002-00-LS	PEORIA	34	10	
DATE	CHECKED DA	REVISED -					CONTRACT NO. 89604				
PLOT DATE	DATE 10/29/2012	REVISED -					ILLINOIS FED. AID PROJECT				

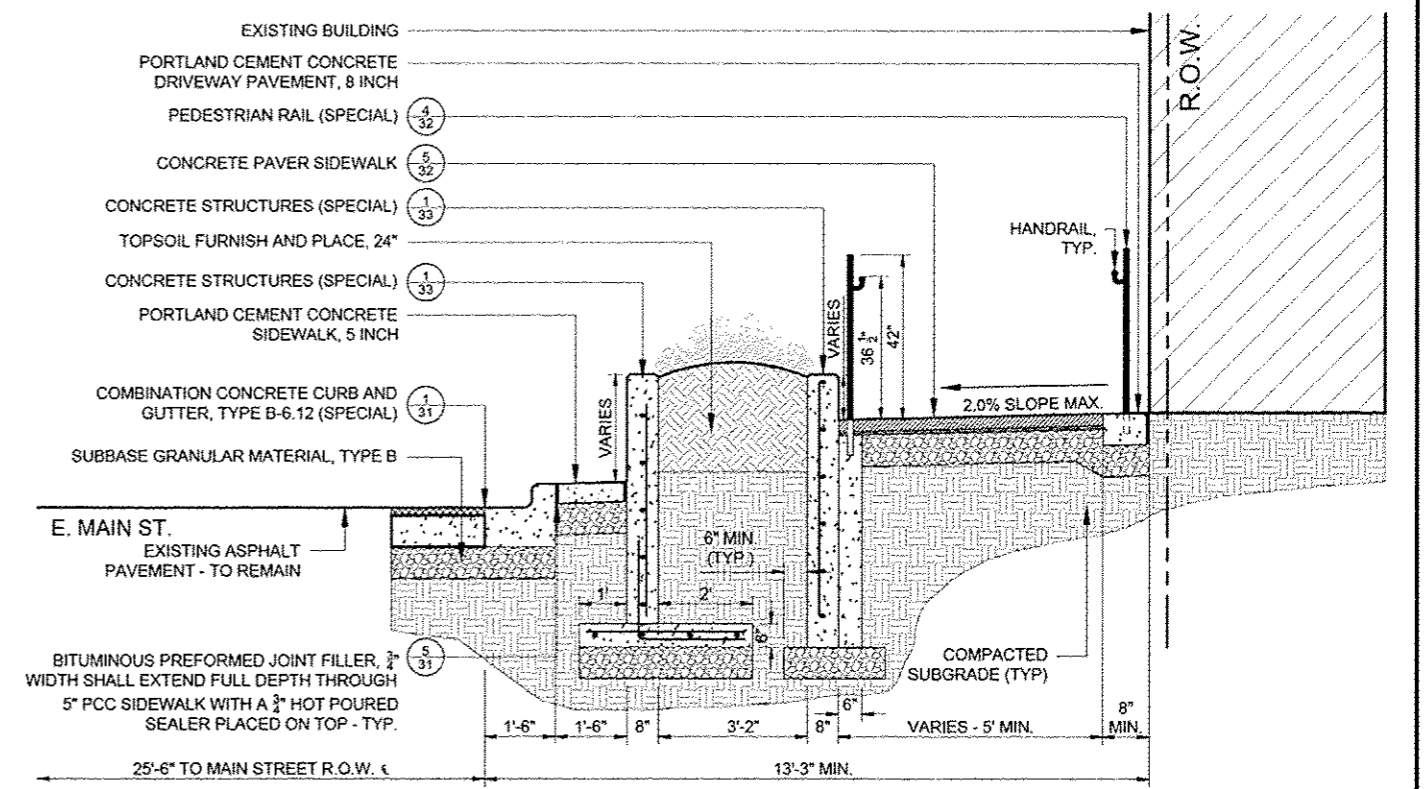
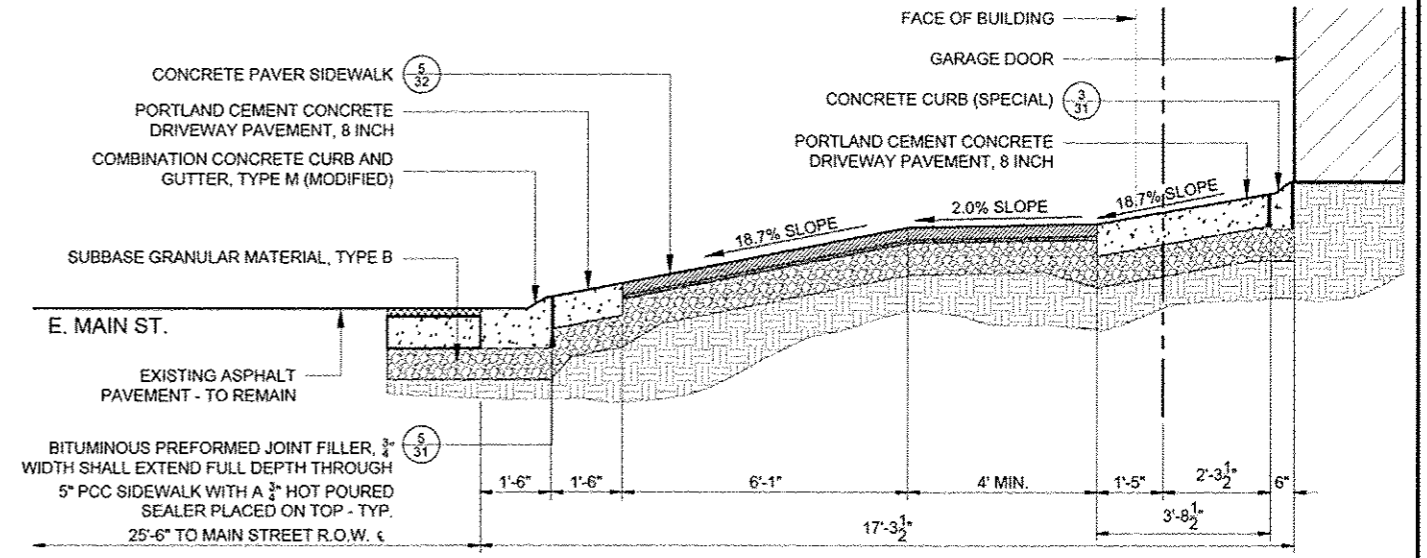
LEGEND AND ABBREVIATIONS:

-  R.O.W. LINE
-  EXISTING BUILDING
-  COMPACTED SUBGRADE
-  CONCRETE SIDEWALK
-  UNIT PAVERS
-  COMPACTED AGGREGATE BASE



10 STREET LIGHT DETAIL
SCALE: 1/2" = 1'-0"

11 DRIVEWAY CURB-CUT DETAIL
SCALE: 1/2" = 1'-0"



12 LANDSCAPE PLANTER DETAIL WITH ADA RAMP
SCALE: 1/2" = 1'-0"

FILE NAME *	DESIGNED WS	REVISED -
USER NAME *	DRAWN TL	REVISED -
PLOT DATE *	CHECKED DA	REVISED -
	DATE 10/29/2012	REVISED -

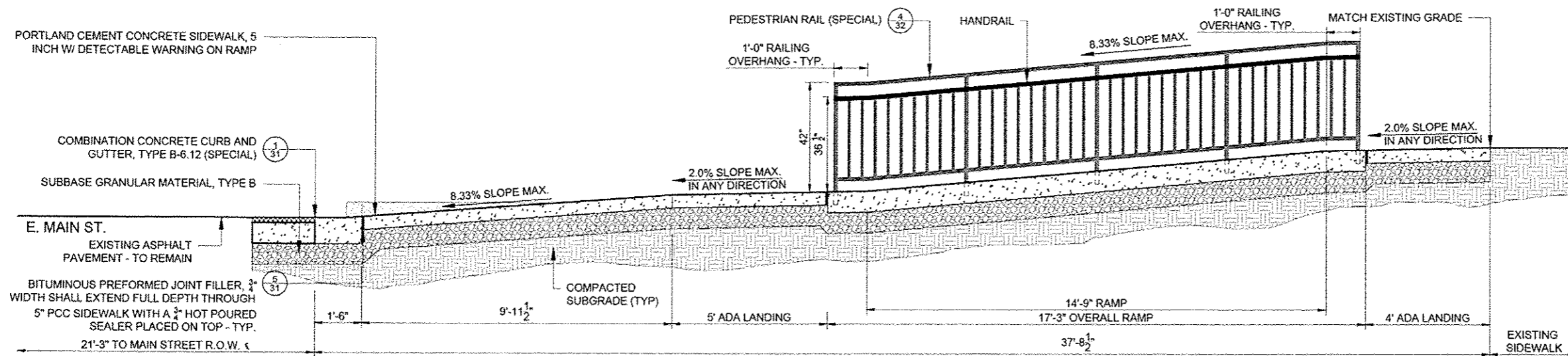
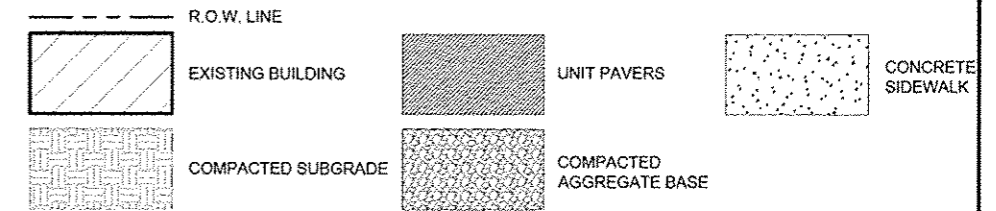


CITY OF ELMWOOD

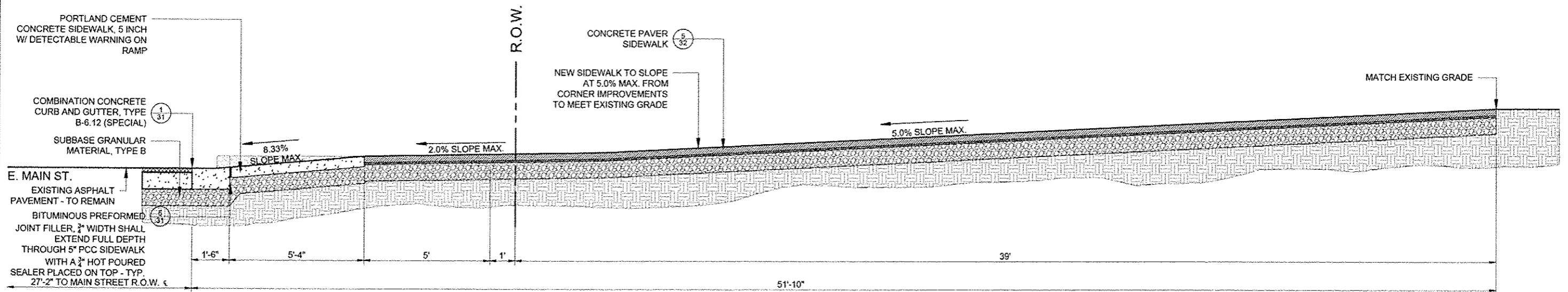
PROPOSED TYPICAL ROADWAY SECTIONS	
ELMWOOD STREETScape	
SCALE: VARIES	STA. TO STA.

P.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-0002-00-LS	PEORIA	34	11
CONTRACT NO. 89604				
ILLINOIS FED. AID PROJECT				

LEGEND AND ABBREVIATIONS:

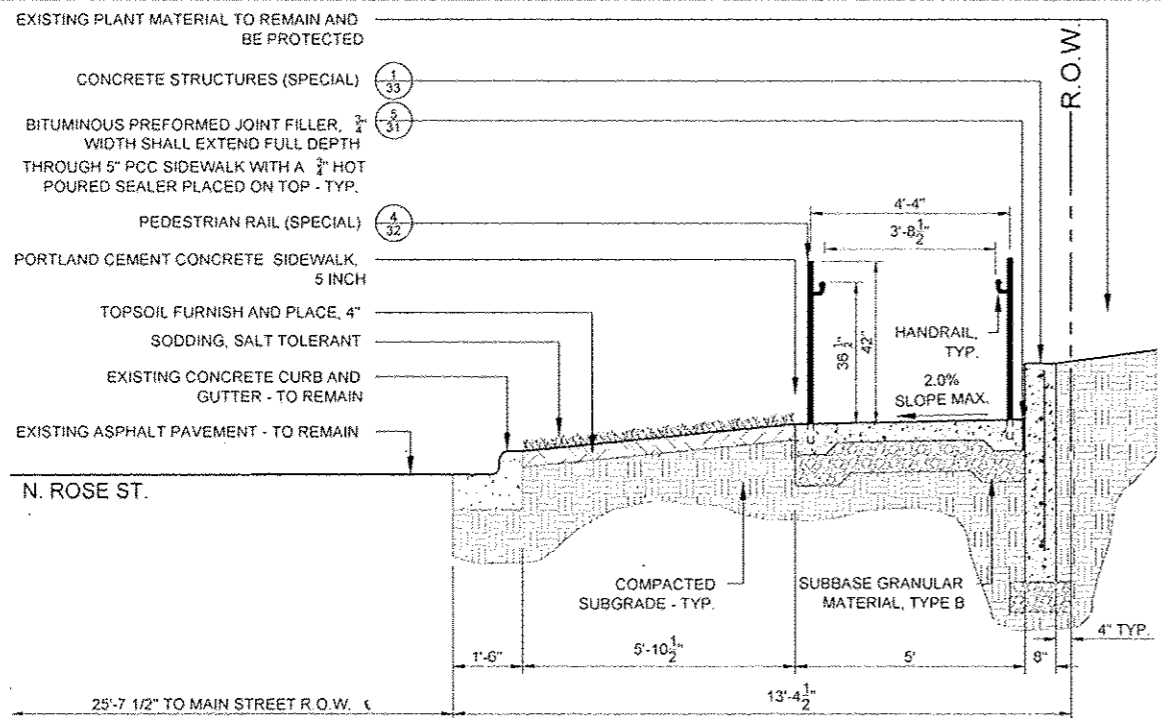


13 SIDEWALK INTERSECTION DETAIL
SCALE: 1/2" = 1'-0"

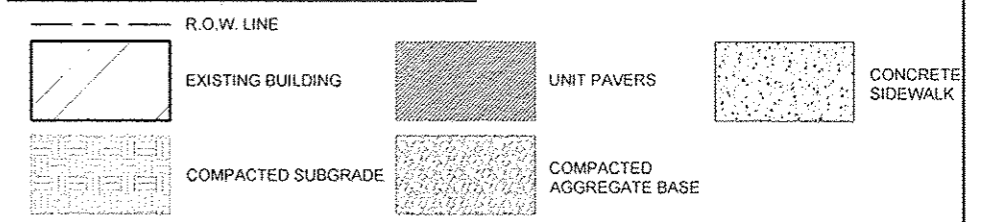


14 SIDEWALK INTERSECTION DETAIL
SCALE: 1/2" = 1'-0"

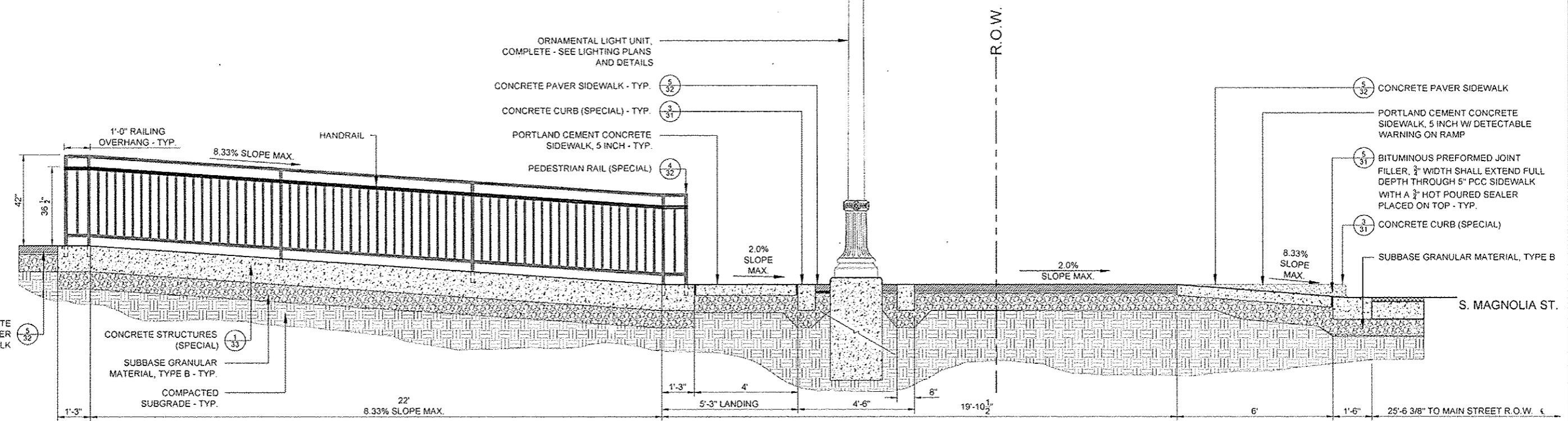
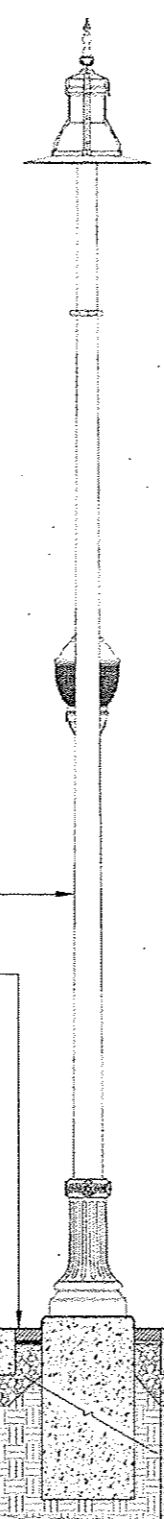
FILE NAME =	DESIGNED WS	REVISED -	 226 W. OHIO ST., FOURTH FL. CHICAGO, IL 60654 (312)467-0123	CITY OF ELMWOOD	PROPOSED TYPICAL ROADWAY SECTIONS ELMWOOD STREETSCAPE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
USER NAME =	DRAWN TL	REVISED -			SCALE: VARIES	STA.	TO STA.	10-00002-00-LS	PEORIA	34	12	
PLOT DATE =	CHECKED DA	REVISED -										
	DATE 10/29/2012	REVISED -										
ILLINOIS FED. AID PROJECT												



LEGEND AND ABBREVIATIONS:



15 SIDEWALK RETAINING WALL DETAIL
SCALE: 1/2" = 1'-0"



16 ADA RAMP DETAIL
SCALE: 1/2" = 1'-0"

FILE NAME =	DESIGNED WS	REVISED -
USER NAME =	DRAWN TL	REVISED -
PLOT DATE =	CHECKED DA	REVISED -
	DATE 10/29/2012	REVISED -



CITY OF ELMWOOD

**PROPOSED TYPICAL ROADWAY SECTIONS
ELMWOOD STREETScape**

SCALE: VARIES STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-0002-00-LS	PEORIA	34	13
CONTRACT NO. 89604				
ILLINOIS FED. AID PROJECT				

REMOVAL		PAVEMENT REMOVAL	CURB REMOVAL	SIDEWALK REMOVAL	DOMESTIC WATER SERVICE BOXES TO BE REMOVED	CATCH BASINS TO BE ADJUSTED	REMOVE SIGN PANEL ASSEMBLY - TYPE A	BRICK PAVEMENT REMOVAL AND REPLACEMENT	HANDRAIL REMOVAL	COLD MILLING	DRAINAGE STRUCTURES TO BE ADJUSTED
STA	STA	SQ YD	FOOT	SQ FT	EACH	EACH	EACH	SQ FT	FOOT	SQ YD	EACH
15+00 LT	20+00 LT	0.00	74.70	2760.71	0	1	4	192.53	73.40	97.00	2
15+00 RT	20+00 RT	11.94	0	5310.57	8	0	2	0	41.90	71.55	1
	TOTAL	12	75	8071	8	1	6	193	115	169	3

CIVIL / SITE		SUBBASE GRANULAR MATERIAL, TYPE B	HOT-MIX ASPHALT SURFACE COURSE, MX "C", N 50	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	PORTLAND CEMENT CONCRETE SIDEWALK 5 NCH	DETECTABLE WARNINGS	PEDESTRIAN RAILING	WATER VALVES 3/4"	COMBINATION CONCRETE CURB AND CUTTER, TYPE M (MODIFIED)	SIGN PANEL - TYPE 1
STA	STA	CU YD	TON	SQ YD	SQ FT	SQ FT	FOOT	EACH	FOOT	SQ FT
15+00 LT	20+00 LT	76.70	7.26	0	712.33	76	0	0	0	20.25
15+00 RT	20+00 RT	126.66	6.09	10.16	1296.66	52	50.65	8	23.18	13.25
	TOTAL	204	14	10	2009.0	128	51	8	23.0	33.5

CIVIL / SITE		CONCRETE PAVER SIDEWALK	PLANTER	TUBULAR TRAFFIC SIGN POST	INSTALL STREET SIGN	CONCRETE STRUCTURES (SPECIAL)	PEDESTRIAN RAIL (SPECIAL)	CONCRETE CURB (SPECIAL)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)	CONCRETE STEPS
STA	STA	SQ YD	EACH	EACH	SQ FT	CU YD	FOOT	FOOT	FOOT	CU YD
15+00 LT	20+00 LT	209.92	1	5	5	3.41	35.98	82.08	144.05	0
15+00 RT	20+00 RT	257.88	3	2	0	57.01	175.40	227.10	382.99	6
	TOTAL	468	4	7	5	60.4	211.5	309.5	527	6

***LANDSCAPING**

		TOPSOIL, FURNISH AND PLACE, 4"	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	SODDING, SALT TOLERANT	TREE TRUNK PROTECTION
STA	STA	SQ YD	POUND	POUND	POUND	SQ YD	EACH
15+00 LT	20+00 LT	319.02	3.95	3.95	3.95	319.02	0
15+00 RT	20+00 RT	7.79	0.10	0.10	0.10	7.79	1
	TOTAL	327	4	4	4	327	1

*(SEE LANDSCAPING PLAN FOR REMAINING ITEMS)

MAINTENANCE OF TRAFFIC

		TEMPORARY SIDEWALK RAMP
STA	STA	EACH
15+00 LT	20+00 LT	3
15+00 RT	20+00 RT	14
	TOTAL	17

CONTROL POINTS:

CP # 7 (CUT CROSS SECTION)
 N. 1497465.01
 E. 2352572.02
 EL = 642.83

CP # 11 (CUT CROSS SECTION)
 N. 1497395.69
 E. 2352195.91
 EL = 642.10

CP # 10 (CUT CROSS SECTION)
 N. 1497739.66
 E. 2352563.66
 EL = 643.30

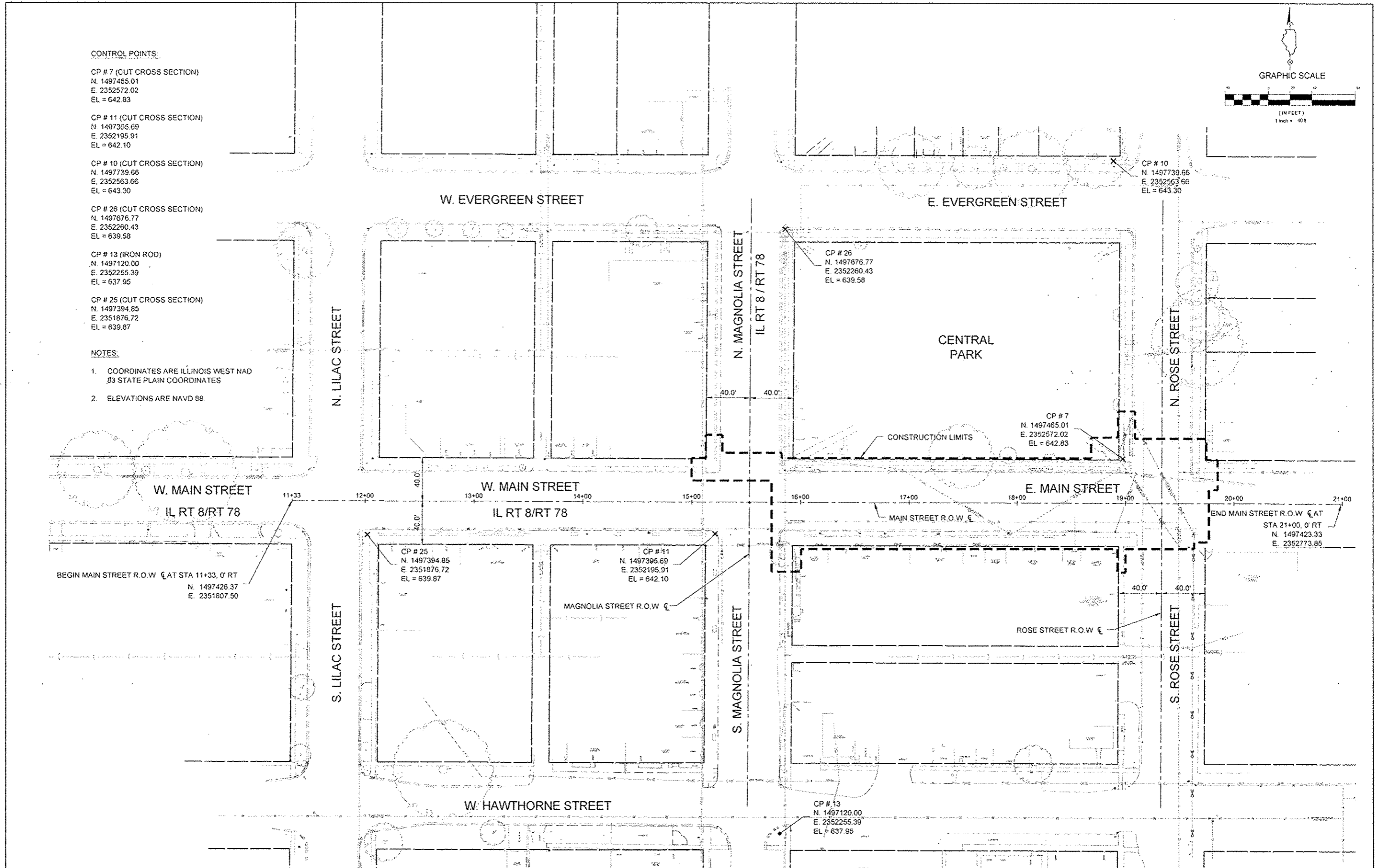
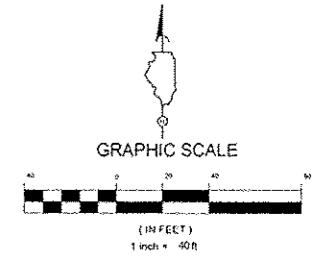
CP # 26 (CUT CROSS SECTION)
 N. 1497676.77
 E. 2352260.43
 EL = 639.58

CP # 13 (IRON ROD)
 N. 1497120.00
 E. 2352255.39
 EL = 637.95

CP # 25 (CUT CROSS SECTION)
 N. 1497394.85
 E. 2351876.72
 EL = 639.87

NOTES:

- COORDINATES ARE ILLINOIS WEST NAD 83 STATE PLAIN COORDINATES
- ELEVATIONS ARE NAVD 88.



FILE NAME *	DESIGNED TB	REVISED -
USER NAME *	DRAWN TL/BD	REVISED -
PLOT DATE *	CHECKED DA	REVISED -
	DATE 10/29/2012	REVISED -

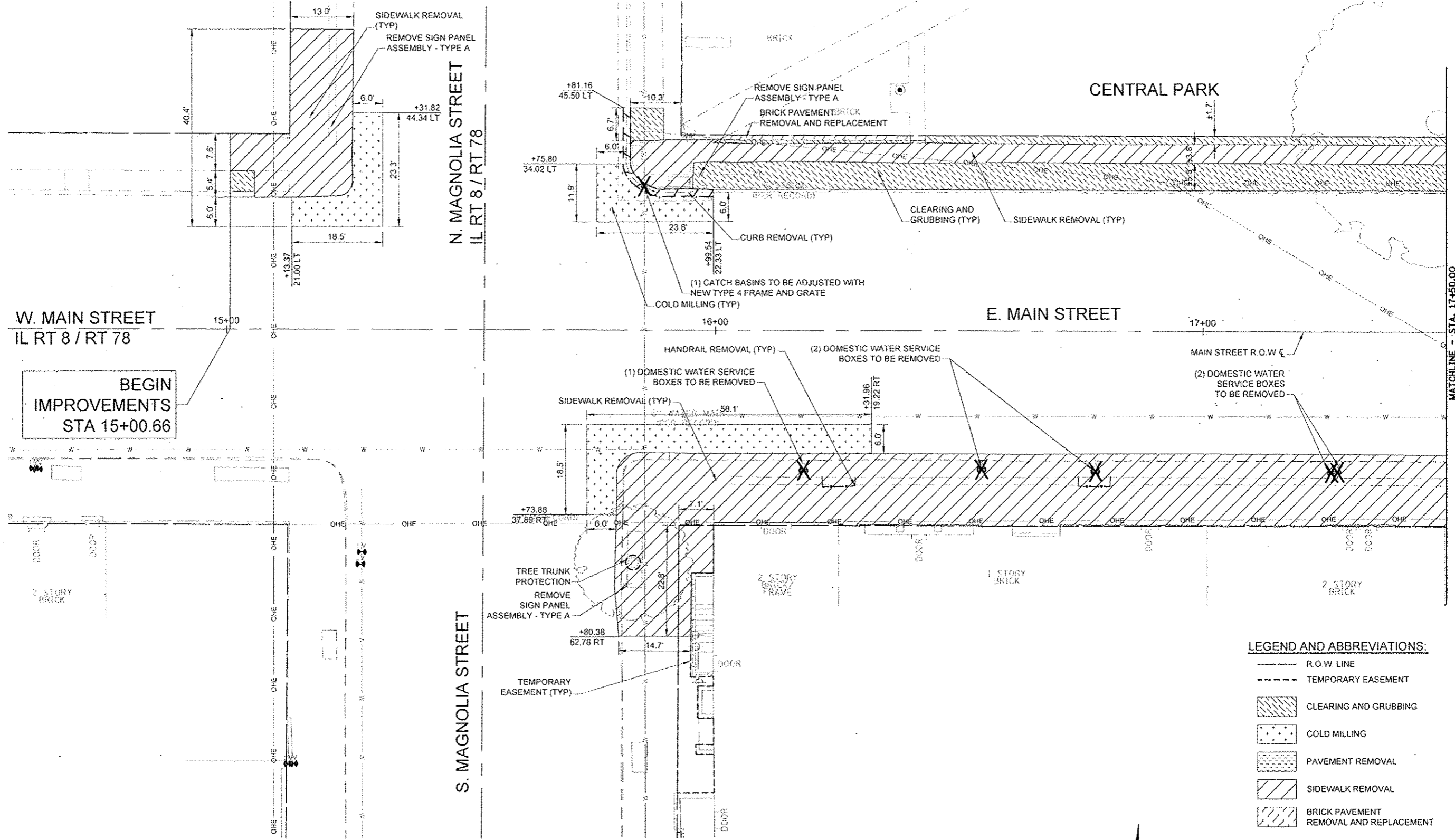


CITY OF ELMWOOD

**ALIGNMENT, TIES, BENCHMARKS, AND CONTROL POINTS
 ELMWOOD STREETScape**

SCALE: 1" = 40'-0" STA. TO STA.

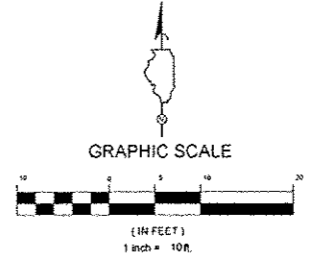
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00002-00-LS	PEORIA	34	16
CONTRACT NO. 89604			ILLINOIS REG. AID PROJECT	



BEGIN IMPROVEMENTS
STA 15+00.66

LEGEND AND ABBREVIATIONS:

- R.O.W. LINE
- - - TEMPORARY EASEMENT
- CLEARING AND GRUBBING
- COLD MILLING
- PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- BRICK PAVEMENT REMOVAL AND REPLACEMENT
- - - HANDRAIL REMOVAL
- CURB REMOVAL
- TREE TRUNK PROTECTION
- UTILITY STRUCTURE TO BE REMOVED / ADJUSTED (SEE PLAN FOR TYPE)



FILE NAME *	DESIGNED WS	REVISED -
USER NAME *	DRAWN TL/BD	REVISED -
DATE *	CHECKED DA	REVISED -
	DATE 10/29/2012	REVISED -

TERRA
ENGINEERING LTD.
225 W. OHIO ST., POKYRSTI PL.
CHICAGO, IL 60654
(312)487-0123

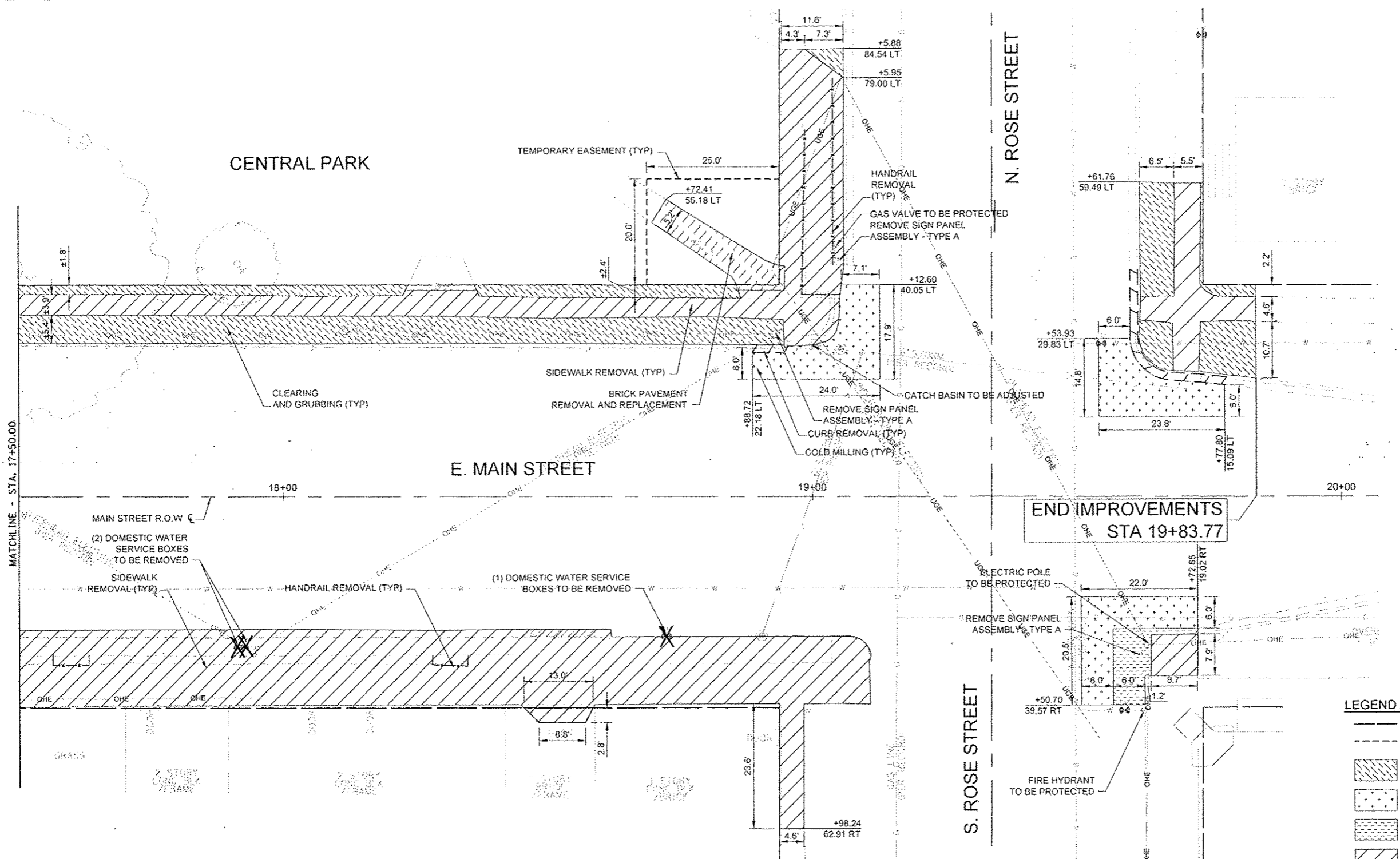
CITY OF ELMWOOD

REMOVAL PLAN
ELMWOOD STREETScape

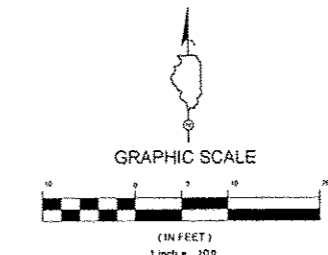
SCALE: 1" = 10'-0"

STA. 15+00.66 TO STA. 17+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00002-00-LS	PEORIA	34	17
			CONTRACT NO. 89604	
ILLINOIS FED. AID PROJECT				



- LEGEND AND ABBREVIATIONS:**
- R.O.W. LINE
 - - - TEMPORARY EASEMENT
 - [Hatched Box] CLEARING AND GRUBBING
 - [Dotted Box] COLD MILLING
 - [Cross-hatched Box] PAVEMENT REMOVAL
 - [Diagonal Hatched Box] SIDEWALK REMOVAL
 - [Wavy Hatched Box] BRICK PAVEMENT REMOVAL AND REPLACEMENT
 - - - HANDRAIL REMOVAL
 - - - CURB REMOVAL
 - (Circle with 'X') TREE TRUNK PROTECTION
 - (Circle with 'X') UTILITY STRUCTURE TO BE REMOVED / ADJUSTED (SEE PLAN FOR TYPE)



FILE NAME *	DESIGNED WS	REVISED -
USER NAME *	DRAWN TL/BD	REVISED -
DATE	CHECKED DA	REVISED -
DATE 10/29/2012		REVISED -

TERRA
ENGINEERING LTD.
225 W. OHIO ST., FOURTH FL.
CHICAGO, IL 60654
(312)467-0125

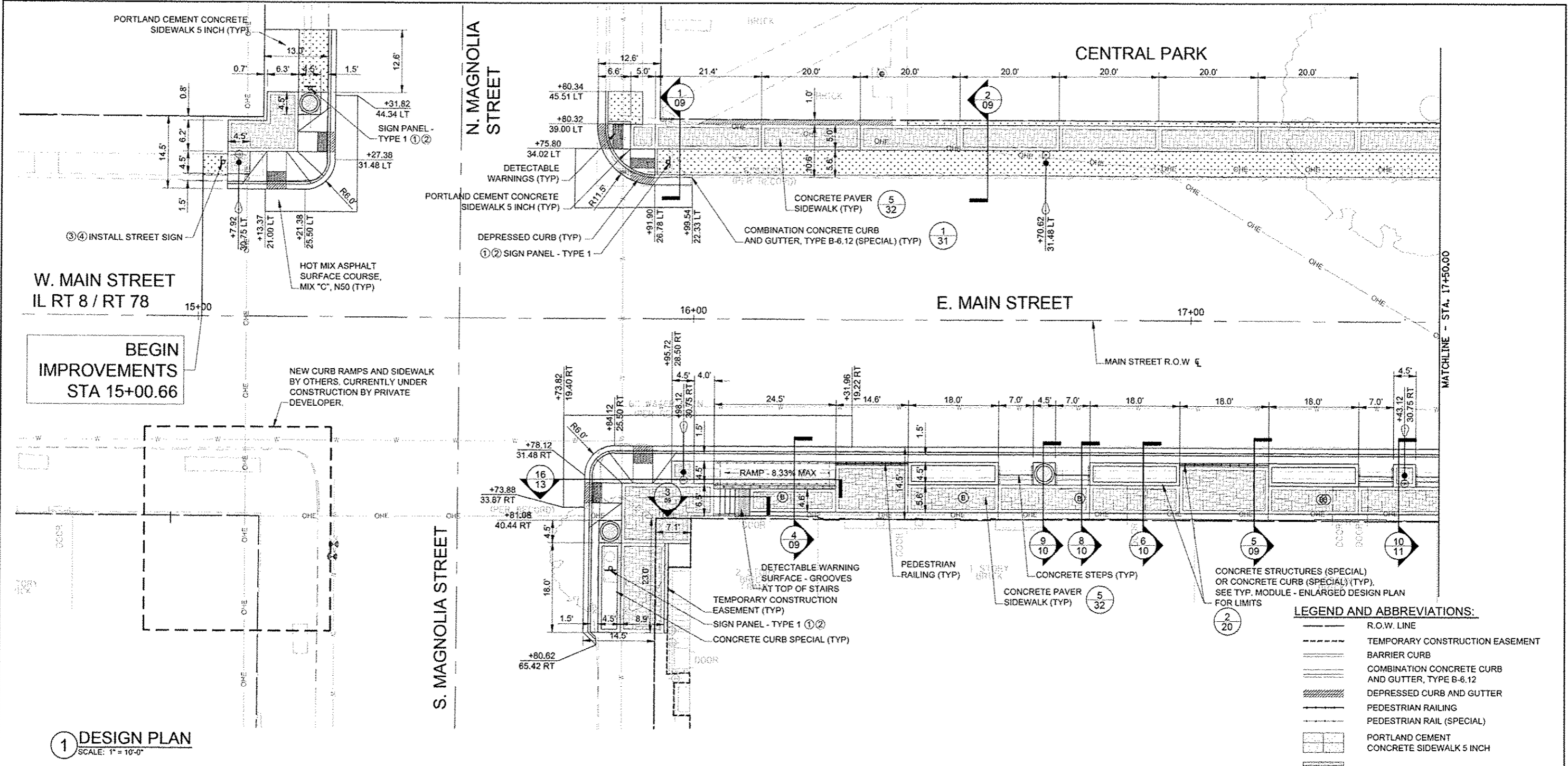
CITY OF ELMWOOD

REMOVAL PLAN
ELMWOOD STREETSCAPE

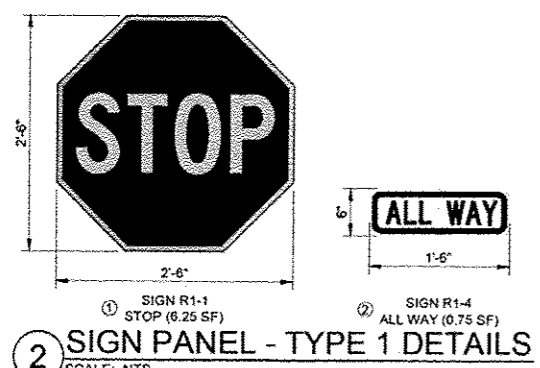
SCALE: 1" = 10'-0"

STA. 17+50.00 TO STA. 19+83.77

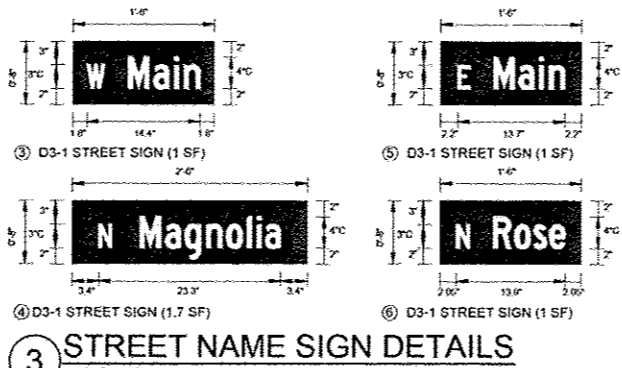
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	10-00002-00-LS	PEORIA	34	18
			CONTRACT NO. 89604	
ILLINOIS FED. AID PROJECT				



1 DESIGN PLAN
SCALE: 1" = 10'-0"

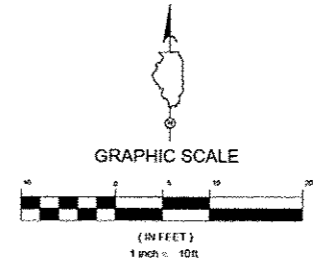


2 SIGN PANEL - TYPE 1 DETAILS
SCALE: NTS



3 STREET NAME SIGN DETAILS
SCALE: NTS

- NOTES:**
- STREET NAME SIGNS SHALL BE ACCORDING TO THE MUTCD STANDARDS FOR SIGN DESIGNATION D3-1.
 - MINIMUM SIGN SIZE AND LETTERING REQUIREMENTS FOR LOCAL ROADS WITH 25 MPH SPEED LIMIT SHALL BE USED.
 - SIGNS SHALL BE RETROREFLECTIVE.
 - SIGN BACKGROUND COLOR SHALL BE GREEN.
 - SIGN LEGEND SHALL BE WHITE.
 - OMIT BORDER FROM SIGNS.



- LEGEND AND ABBREVIATIONS:**
- R.O.W. LINE
 - TEMPORARY CONSTRUCTION EASEMENT
 - BARRIER CURB
 - COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - DEPRESSED CURB AND GUTTER
 - PEDESTRIAN RAILING
 - PEDESTRIAN RAIL (SPECIAL)
 - PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
 - CONCRETE PAVER SIDEWALK
 - CONCRETE CURB (SPECIAL) OR CONCRETE STRUCTURES (SPECIAL), SEE TYP. MODULE - ENLARGED DESIGN PLAN FOR LIMITS
 - CONCRETE STEPS
 - DETECTABLE WARNINGS
 - BRICK PAVEMENT REMOVAL AND REPLACEMENT
 - HOT MIX ASPHALT SURFACE COURSE, MIX "C", N50 (1-1/2" DEPTH)
 - PROPOSED SIGN KEY
 - PLANTER
 - ORNAMENTAL LIGHT UNIT (SEE LIGHTING PLAN AND DETAILS)
 - WATER VALVE 3/4" (TYP)

FILE NAME :	DESIGNED WS	REVISED -
USER NAME :	DRAWN TL/BD	REVISED -
PLT DATE :	CHECKED DA	REVISED -
	DATE 10/29/2012	REVISED -

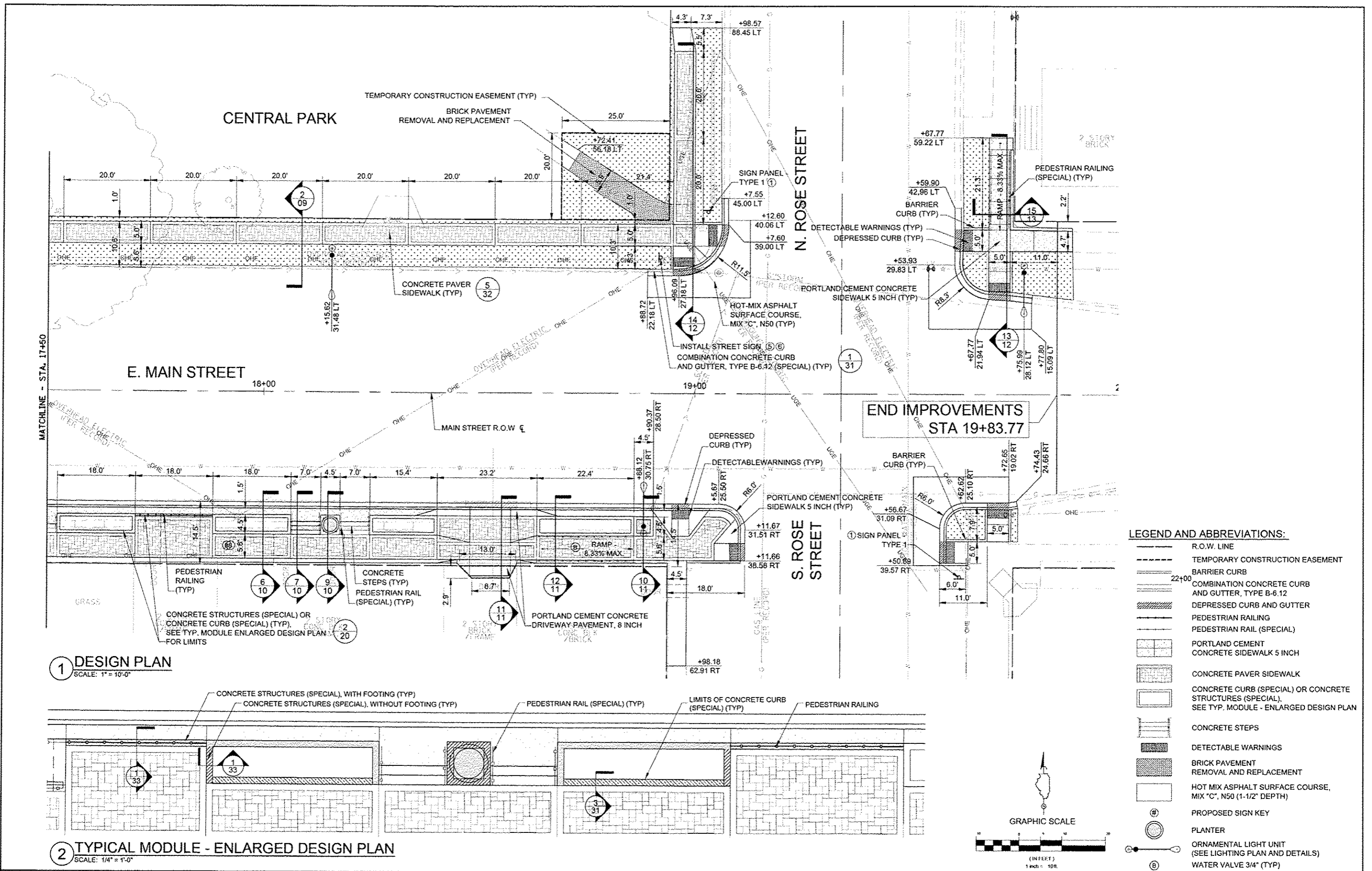


CITY OF ELMWOOD

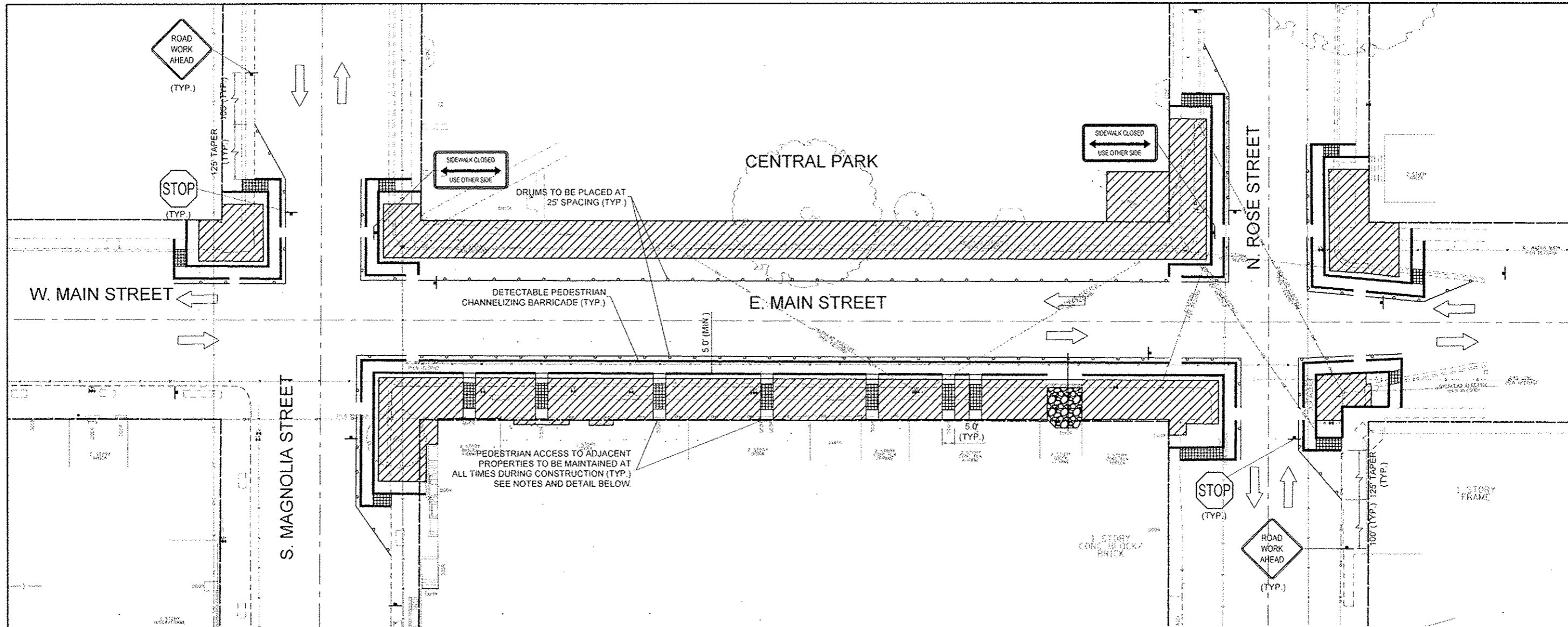
DESIGN PLAN
ELMWOOD STREETScape

SCALE: 1" = 10'-0" STA. 15+00.66 TO STA. 17+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00002-00-15	PEORIA	34	19
CONTRACT NO. 89604				
ILLINOIS FED. AID PROJECT				



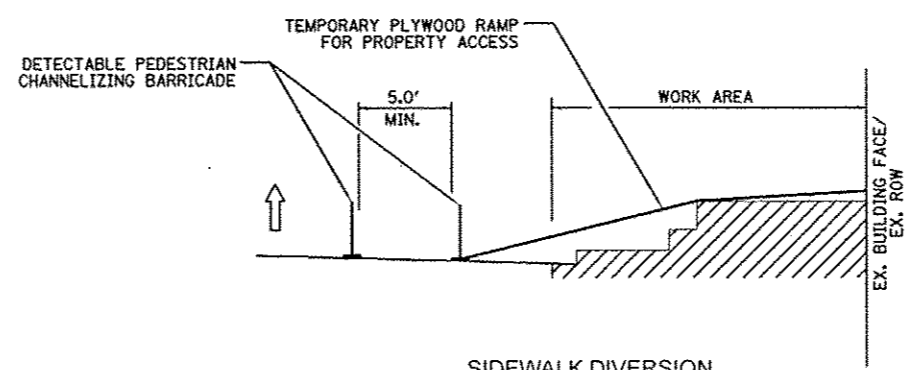
FILE NAME :	DESIGNED WS	REVISED :	<p>TERRA ENGINEERING LTD. 225 W. 69th ST., FOURTH FL. CHICAGO, IL 60644 (312)487-0193</p>	<p align="center">CITY OF ELMWOOD</p>	<p align="center">DESIGN PLAN ELMWOOD STREETScape</p>	P.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME :	DRAWN TL/BD	REVISED -				10-00002-00-1.5	PEORIA	34	20	
CHECKED DA	DATE 10/29/2012	REVISED -				CONTRACT NO. 89604				
DATE 10/29/2012	REVISED -	ILLINOIS FED. AID PROJECT								



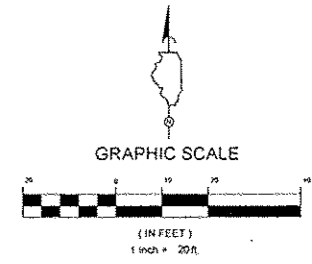
MAINTENANCE OF TRAFFIC

PEDESTRIAN PATH NOTES AND DETAILS

1. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS (MIN. 5') TO ADJACENT PROPERTIES (WHERE APPLICABLE) BY INSTALLING ADA COMPLIANT PLYWOOD WALKWAYS. PEDESTRIAN ACCESS TO ADJACENT PROPERTIES SHALL BE UNINTERRUPTED UNTIL THE WALKWAY IS FULLY RESTORED. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF SIGNAGE AND OTHER ITEMS TO ENSURE SAFE PEDESTRIAN ACCESS.
2. USE ONE "PEDESTRIAN WALKWAY (ARROW)" (BLACK LEGEND ON WHITE REFLECTORIZED BACKGROUND) SIGN AT EACH END OF EACH SIDEWALK SECTION BEING DIVERTED.
3. AT EACH POINT OF CLOSURE, SUFFICIENT NUMBERS OF BARRICADES MUST BE USED TO COMPLETELY CLOSE THE PATHWAY.
4. PEDESTRIAN WALKWAYS MUST BE MAINTAINED FREE OF ANY OBSTRUCTIONS AND HAZARDS SUCH AS HOLES, DEBRIS, MUD, CONSTRUCTION EQUIPMENT, STORED MATERIALS, ETC. AND MUST BE BROOM SWEEPED DAILY OR AS DIRECTED BY THE ENGINEER.
5. ALL HAZARDS NEAR OR ADJACENT TO WALKWAYS MUST BE CLEARLY DELINEATED.
6. THE CONTRACTOR MUST MAINTAIN DISABLED PERSON PEDESTRIAN ACCESS TO CROSSWALKS AND SIDE STREETS AT ALL TIMES VIA ADA COMPLIANT WOOD FRAME CONSTRUCTED WALKWAYS AND RAMP THROUGH THE WORK ZONES. THESE ACCESSES MUST BE OBSERVED AND PROTECTED BY THE CONTRACTOR AT ALL TIMES.



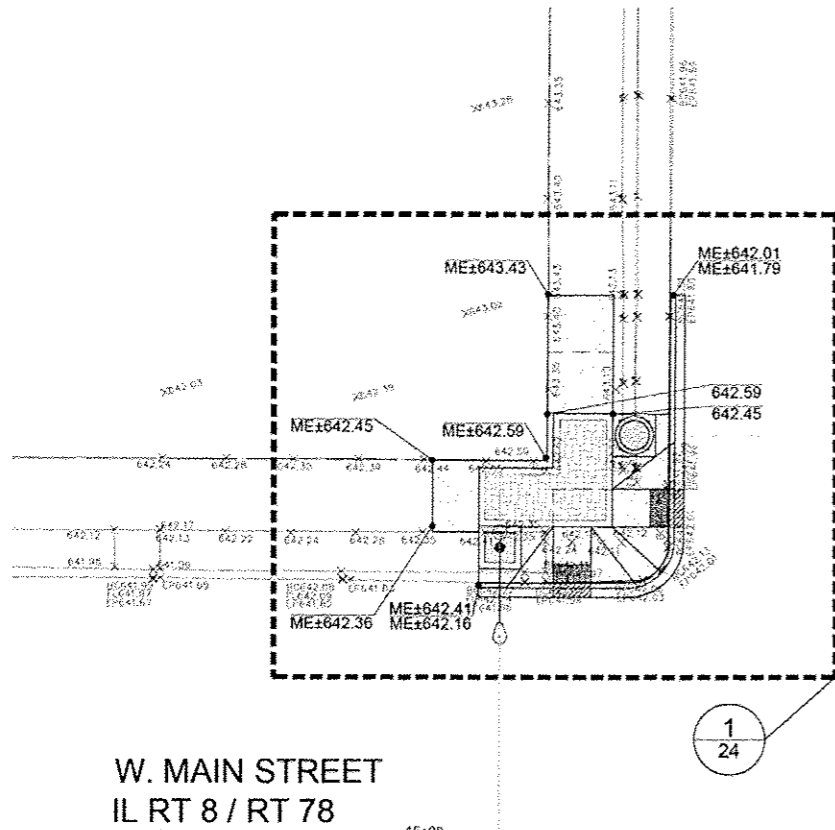
**SIDEWALK DIVERSION
PEDESTRIAN TRAFFIC MAINTAINED USING
IDOT STANDARD DRAWING 701801-05
N.T.S.**



LEGEND AND ABBREVIATIONS:

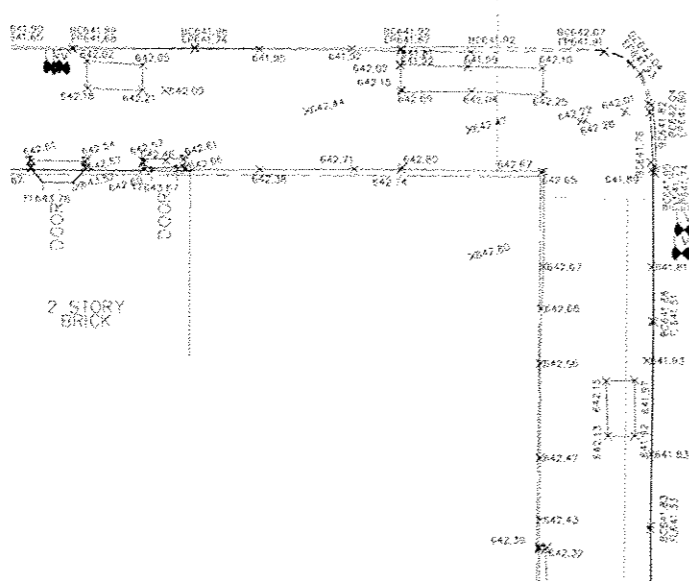
- WORK AREA
- AGGREGATE FOR TEMPORARY ACCESS
- ADA COMPLIANT TEMPORARY PLYWOOD RAMP
- TEMPORARY TRAFFIC CONTROL SIGN
- DRUMS
- DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

FILE NAME *	DESIGNED KC	REVISED -	 TERRA ENGINEERING LTD. 225 W. OHIO ST., FOURTH FL. CHICAGO, IL 60654 (312)467-6123	CITY OF ELMWOOD	MAINTENANCE OF TRAFFIC PLAN ELMWOOD STREETScape	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN KC	REVISED -	10-00002-00-LS				PEORIA	34	21		
USER NAME *	CHECKED DA	REVISED -				CONTRACT NO. 89604				
DATE	10/29/2012	REVISED -				ILLINOIS FED. AID PROJECT				
PLOT DATE *	DATE	10/29/2012	REVISED -	SCALE: 1" = 20'-0"	STA. 15+00.66 TO STA. 19+83.77					

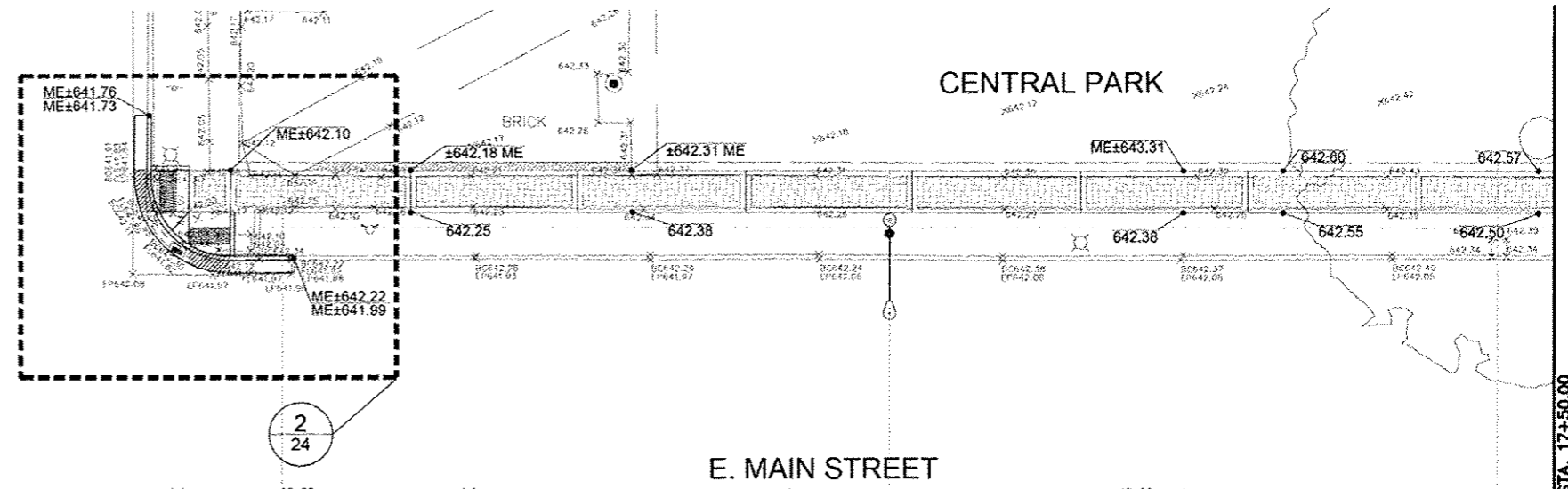


W. MAIN STREET
IL RT 8 / RT 78

BEGIN
IMPROVEMENTS
STA 16+67.94

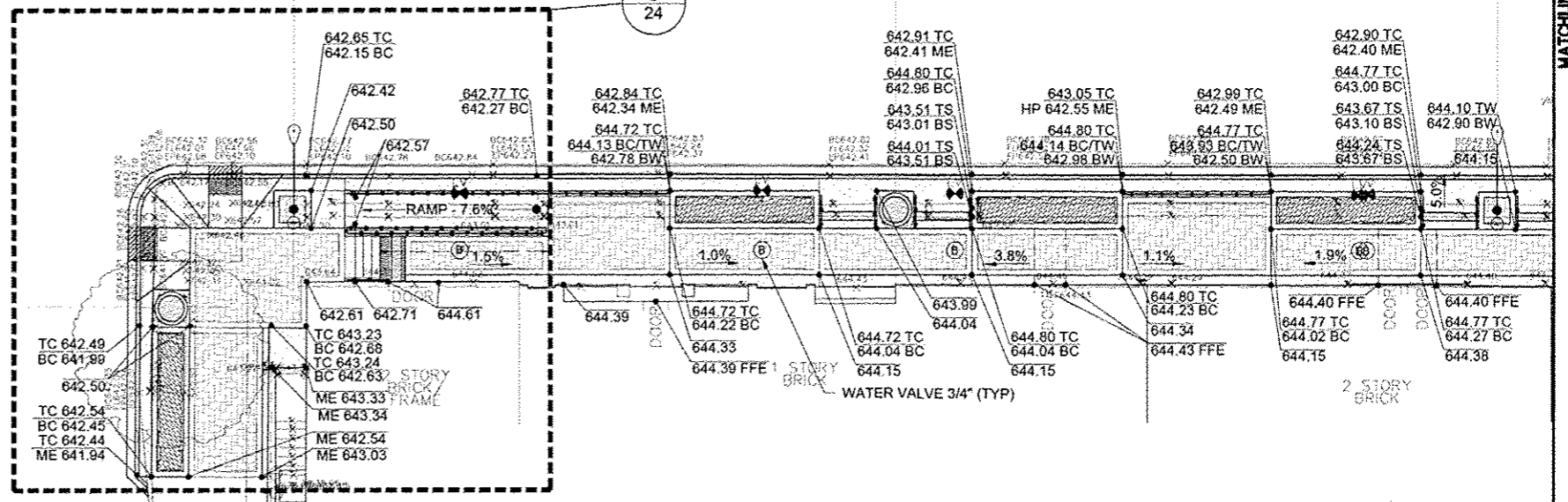


S. MAGNOLIA STREET



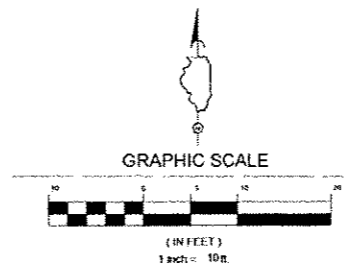
E. MAIN STREET

CENTRAL PARK



LEGEND AND ABBREVIATIONS:

- R.O.W. LINE
- - - TEMPORARY CONSTRUCTION EASEMENT
- PEDESTRIAN RAILING
- PEDESTRIAN RAIL (SPECIAL)
- ⊙ WATER VALVE 3/4" (TYP)
- TC TOP OF CURB
- BC BOTTOM OF CURB
- ME MATCH EXISTING
- PERENNIALS & GROUND COVER BED
- CONCRETE PAVER SIDEWALK
- PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- ORNAMENTAL LIGHTING UNIT
- TS TOP OF STEP
- BS BOTTOM OF STEP
- FFE FINISH FLOOR ELEVATION



FILE NAME	DESIGNED WS/DE	REVISED
USER NAME	DRAWN TL/JP	REVISED
PLOT DATE	CHECKED DA	REVISED
	DATE 10/29/2012	REVISED



CITY OF ELMWOOD

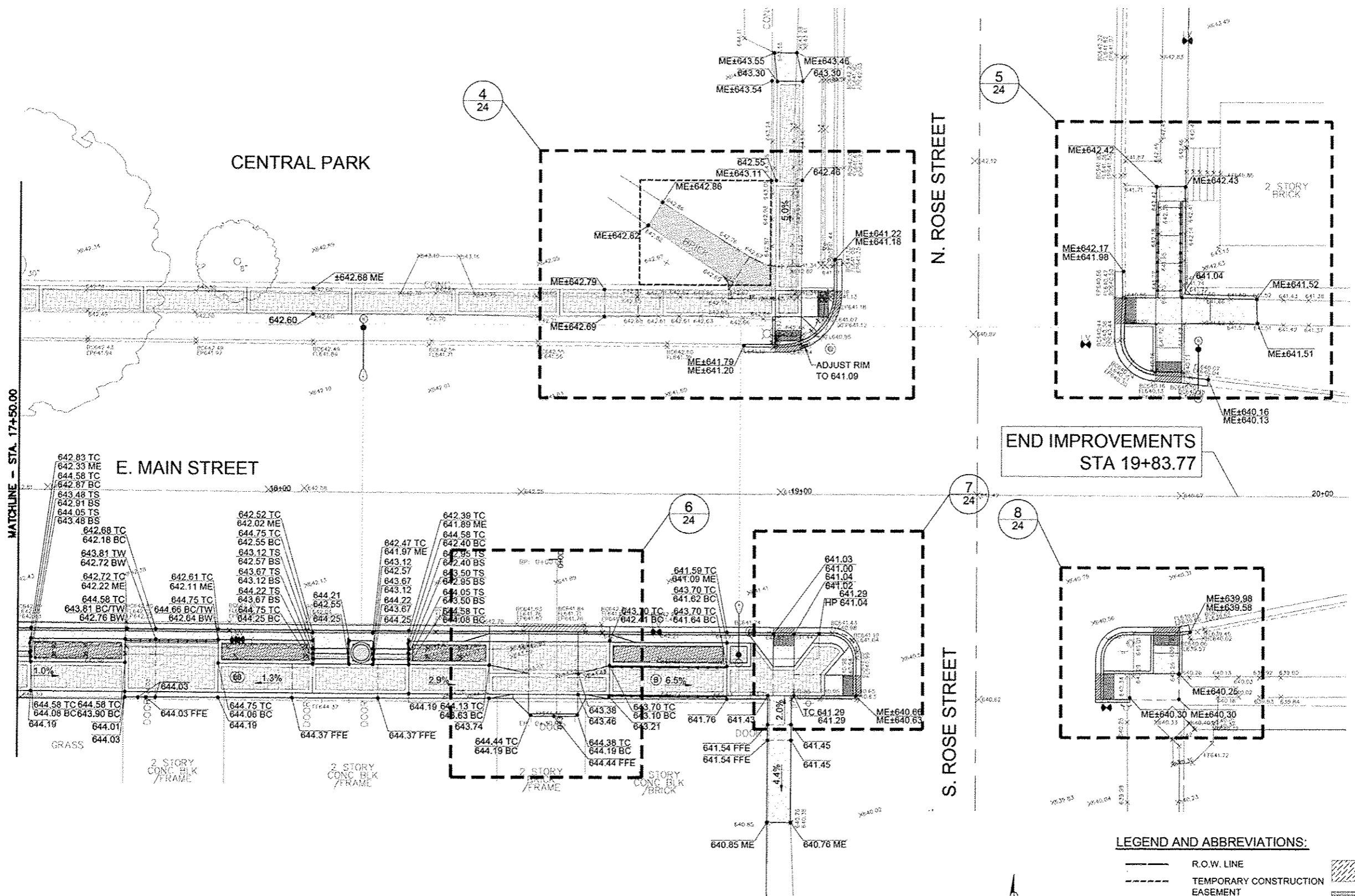
**GRADING AND UTILITY ADJUSTMENT PLAN
ELMWOOD STREETScape**

SCALE: 1" = 10'-0"

STA. 15+00.66 TO STA. 17+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00002-00-LS	PEORIA	34	22
CONTRACT NO. 89604			ILLINOIS FED. AID PROJECT	

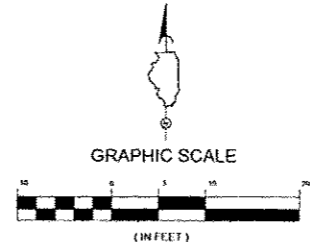
MATCHLINE - STA. 17+50.00



END IMPROVEMENTS
STA 19+83.77

LEGEND AND ABBREVIATIONS:

- R.O.W. LINE
- - - TEMPORARY CONSTRUCTION EASEMENT
- PEDESTRIAN RAILING
- PEDESTRIAN RAIL (SPECIAL)
- ⊙ WATER VALVE 3/4" (TYP)
- TC TOP OF CURB
- BC BOTTOM OF CURB
- ME MATCH EXISTING
- ▨ PERENNIALS & GROUND COVER BED
- ▤ CONCRETE PAVER SIDEWALK
- ▥ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- ⊙ ORNAMENTAL LIGHTING UNIT
- TS TOP OF STEP
- BS BOTTOM OF STEP
- FFE FINISH FLOOR ELEVATION



FILE NAME =	DESIGNED WS/DE	REVISED -
USER NAME =	DRAWN TL/JP	REVISED -
PLOT DATE =	CHECKED DA	REVISED -
	DATE 10/29/2012	REVISED -

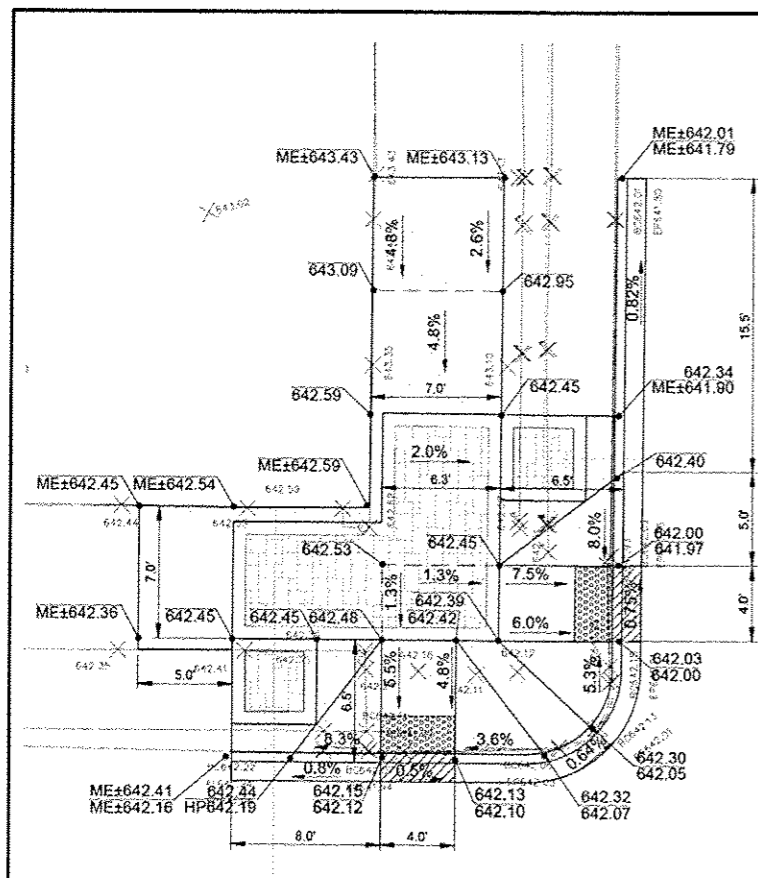


CITY OF ELMWOOD

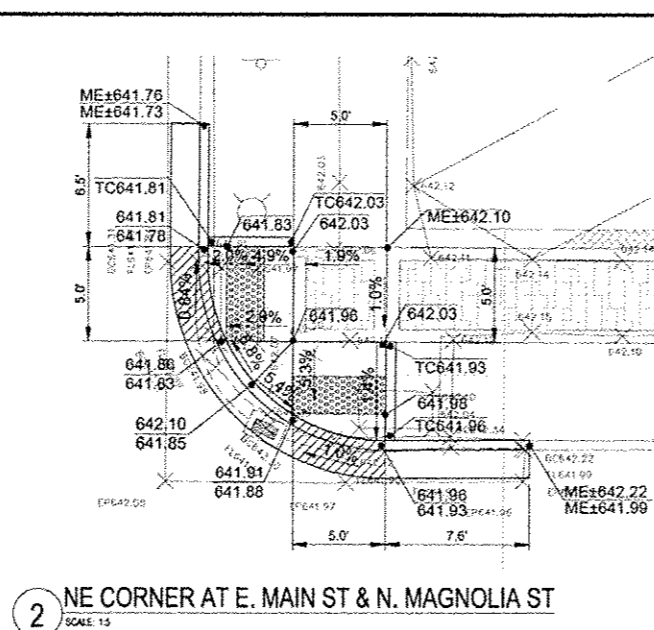
**GRADING AND UTILITY ADJUSTMENT PLAN
ELMWOOD STREETSCAPE**

SCALE: 1" = 10'-0" STA. 17+50.00 TO STA. 19+83.77

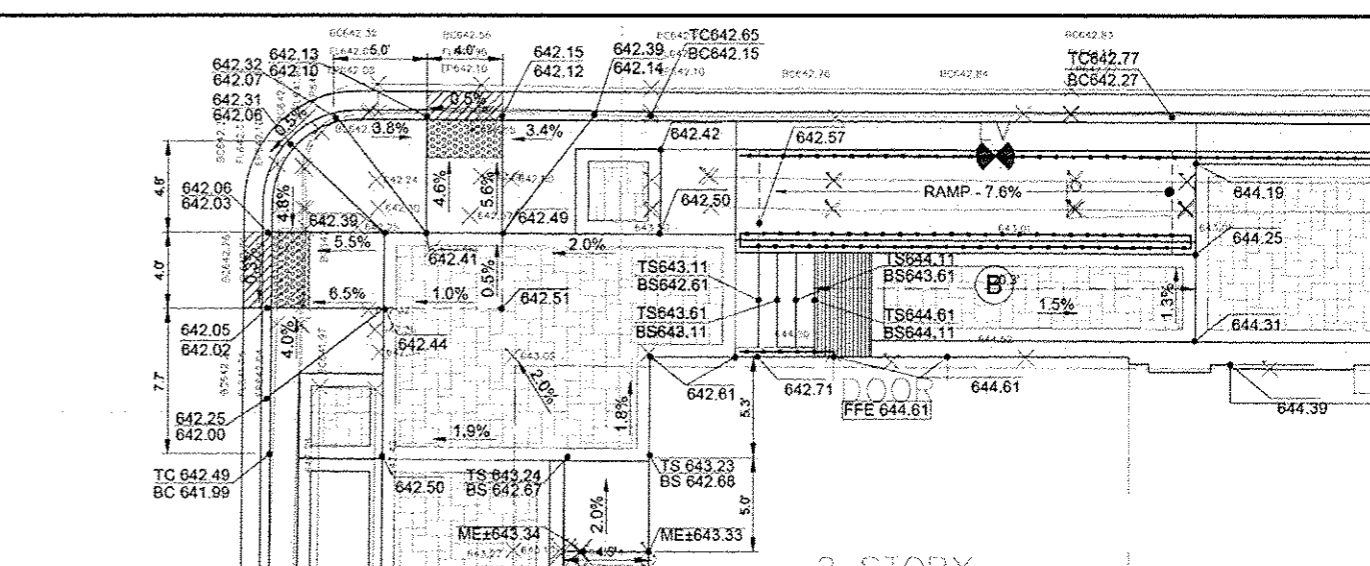
F.A. RATE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00002-00-LS	PEORIA	34	23
CONTRACT NO. 89604				
ILLINOIS TFD. AND PROJECT				



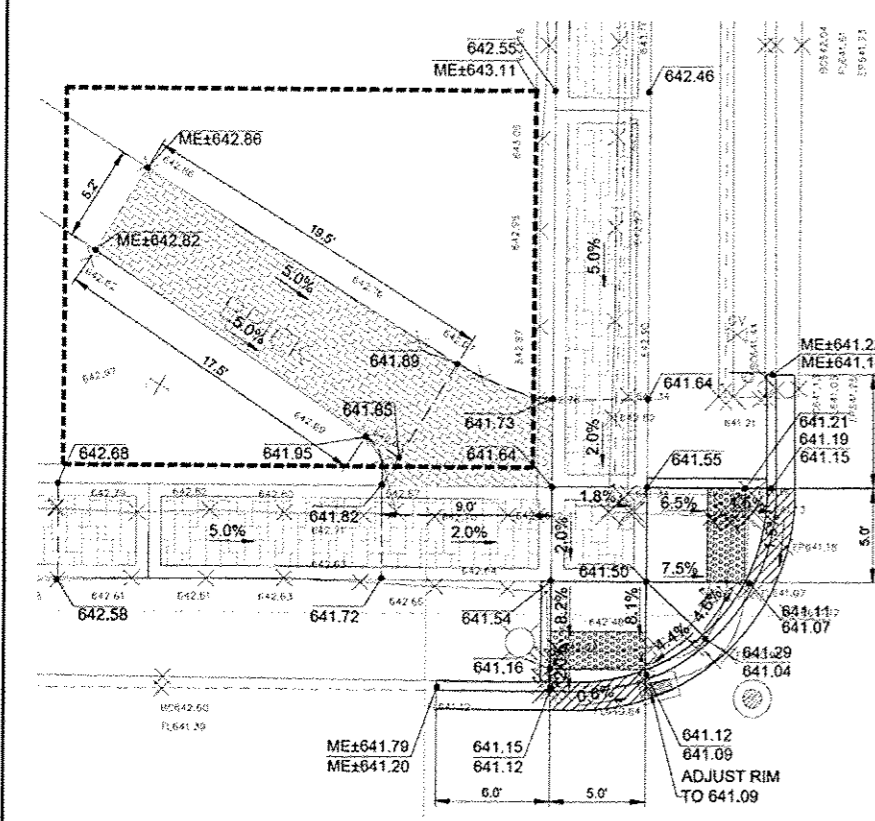
1 NW CORNER AT E. MAIN ST & N. MAGNOLIA ST
SCALE: 1/8"



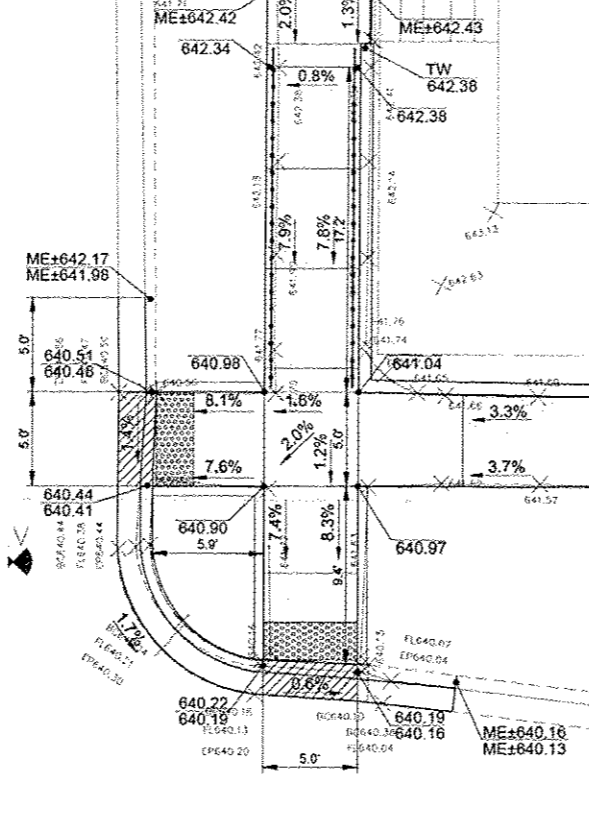
2 NE CORNER AT E. MAIN ST & N. MAGNOLIA ST
SCALE: 1/8"



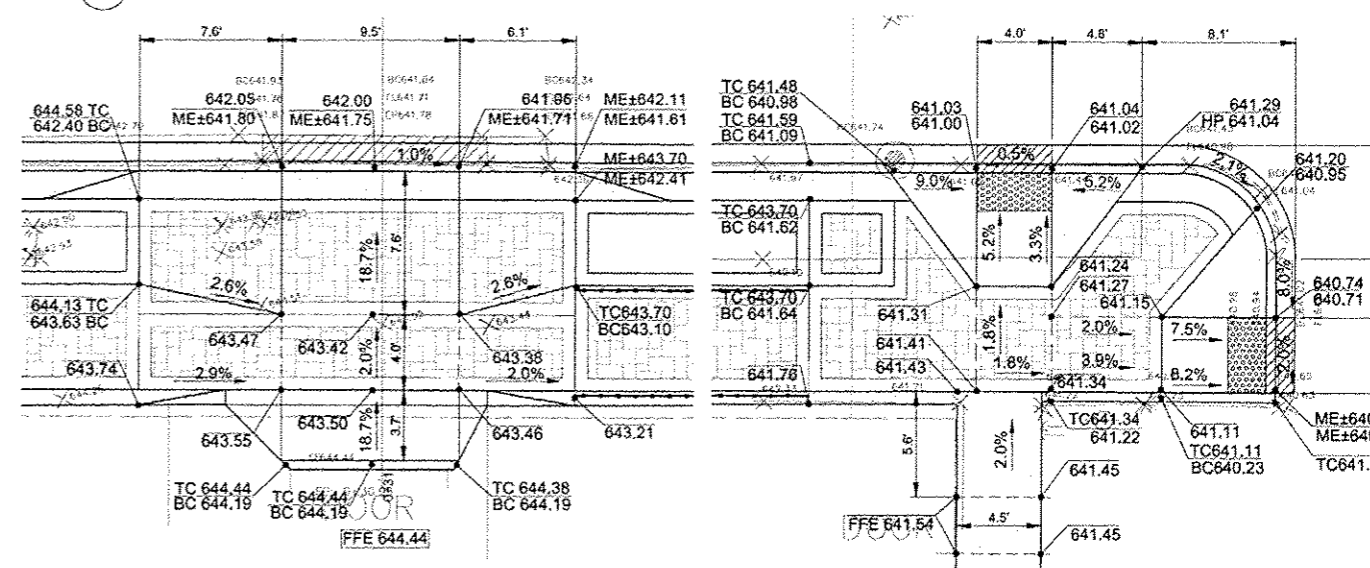
3 SE CORNER AT E. MAIN ST & N. MAGNOLIA ST
SCALE: 1/8"



4 NW CORNER AT E. MAIN ST AND N. ROSE ST
SCALE: 1/8"

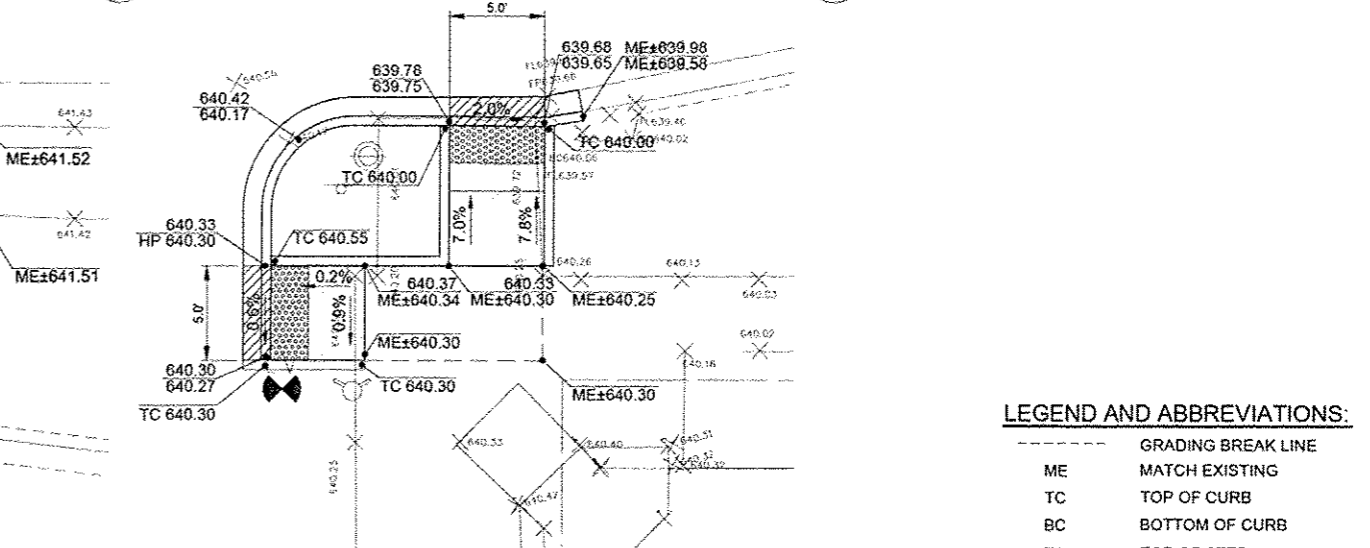


5 NE CORNER AT E. MAIN ST AND N. ROSE ST
SCALE: 1/8"



6 DRIVEWAY ON E. MAIN ST
SCALE: 1/8"

7 SW CORNER AT E. MAIN ST AND N. ROSE ST
SCALE: 1/8"

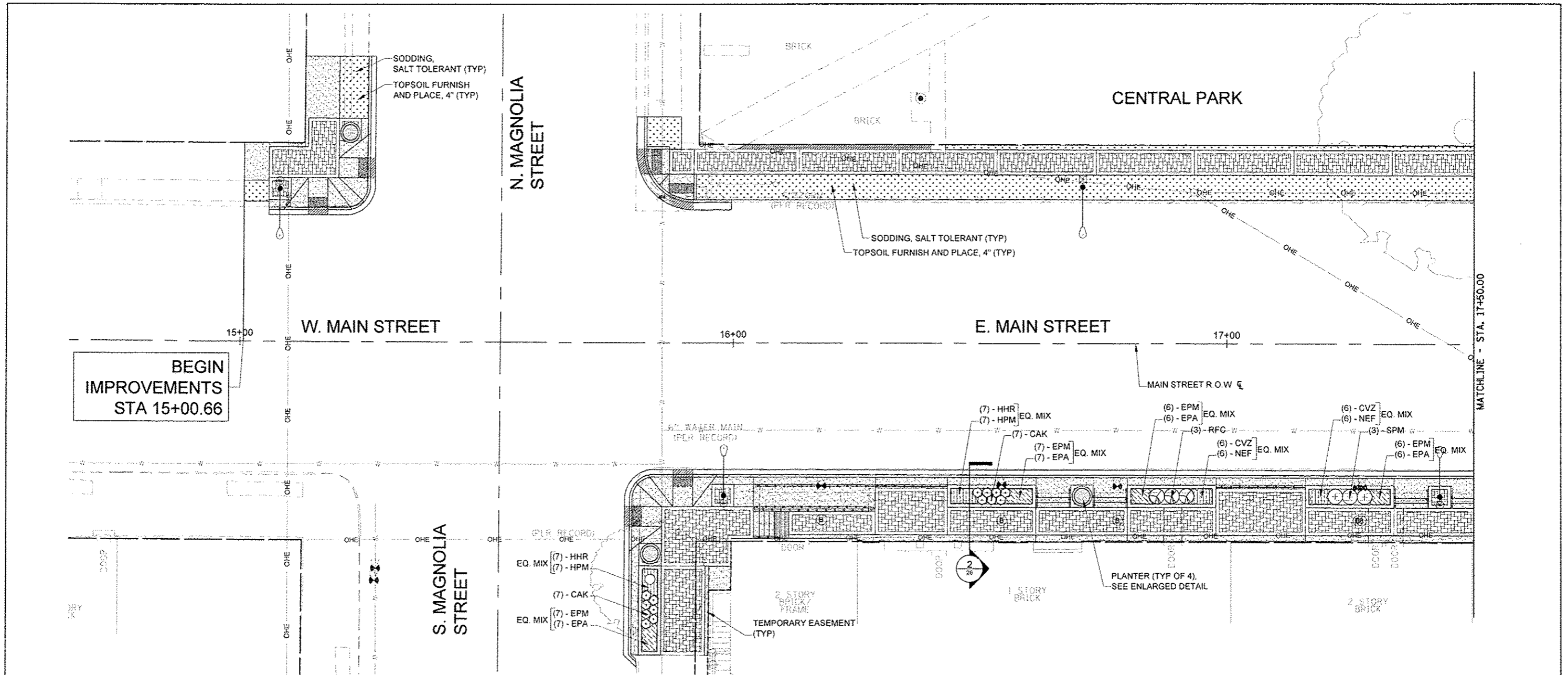


8 SE CORNER AT E. MAIN ST AND N. ROSE ST
SCALE: 1/8"

LEGEND AND ABBREVIATIONS:

- GRADING BREAK LINE
- ME MATCH EXISTING
- TC TOP OF CURB
- BC BOTTOM OF CURB
- TS TOP OF STEP
- BS BOTTOM OF STEP
- FFE FINISH FLOOR ELEVATION
- HP HIGH POINT

FILE NAME:	DESIGNED WS/DE:	REVISED -	<p>TERRA ENGINEERING LTD. 225 N. 8180 ST., FOURTH FL. CHICAGO, IL 60654 (312)467-0123</p>	<p align="center">CITY OF ELMWOOD</p> <p align="center">GRADING ENLARGEMENT PLAN ELMWOOD STREETSCAPE</p> <p>SCALE: VARIES STA. TO STA.</p>				SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME -	DRAWN TL/JP	REVISED -						10-00002-00-LS	PEORIA	34	24
CHECKED DA	DATE 10/29/2012	REVISED -						CONTRACT NO. 89604			
PLLOT DATE -		REVISED -						ILLINOIS FED. AID PROJECT			



BEGIN IMPROVEMENTS STA 15+00.66

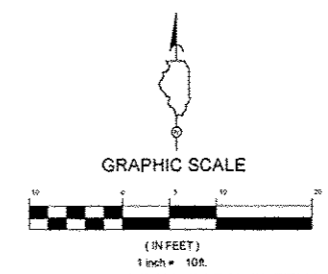
1 LANDSCAPE PLAN
SCALE: 1" = 10'-0"

PLANT SCHEDULE

QTY.	UNIT	KEY	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
SHRUBS						
6	N/A	RFC	ROSA FLOWER CARPET RED	FLOWER CARPET RED SHRUB ROSE	3 GALLON CONT.	
6	N/A	SPM	SYRINGA MEYER 'PALIBAN'	DWARF KOREAN LILAC	2' HT., CONT.	
PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT						
24	0.24	CVZ	COREOPSIS VERTICILLATA 'ZAGREB'	ZAGREB COREOPSIS	1 GALLON CONT. 12" O.C.	
53	0.53	EPA	ECHINACEA PURPUREA 'ALBA'	WHITE CONEFLOWER	1 GALLON CONT. 12" O.C.	
53	0.53	EPM	ECHINACEA PURPUREA 'MAGNUS'	MAGNUS PURPLE CONEFLOWER	1 GALLON CONT. 12" O.C.	
29	0.29	HHR	HEMEROCALLIS 'HAPPY RETURNS'	HAPPY RETURNS DAYLILY	1 GALLON CONT. 12" O.C.	
29	0.29	HPM	HEMEROCALLIS 'PARDON ME'	PARDON ME DAYLILY	1 GALLON CONT. 12" O.C.	
24	0.24	NEF	NEPETA FAASSENII	FAASSENII CATMINT	1 GALLON CONT. 12" O.C.	
PERENNIAL PLANTS, ORNAMENTAL TYPE, 3 GALLON POT						
28	0.28	CAK	CALAMAGROSTIS ACUTIFLORA 'KARL FOERSTER'	KARL FOERSTER FEATHER REED GRASS	3 GALLON CONT.	
4	0.04	PAH	PENNISETUM ALOPECUROIDES 'HAMELN'	HAMELN DWARF FOUNTAIN GRASS	3 GALLON CONT.	
PERENNIAL PLANTS, ORNAMENTAL TYPE, QUART POT						
28	0.28	VIM	VINCA MINOR 'DART'S BLUE'	DART'S BLUE PERIWINKLE	1 QUART POT	
PERENNIAL PLANTS, BULB TYPE						
40	0.4	ASP	ALLIUM 'PURPLE SENSATION'	PURPLE SENSATION ALLIUM	TOP SIZE	PLANT IN BETWEEN VIM

LEGEND AND ABBREVIATIONS:

- R.O.W. LINE
- SODDING, SALT TOLERANT AND TOPSOIL FURNISH AND PLACE, 4"
- PERENNIAL PLANTS, ORNAMENTAL TYPE (SEE PLANT SCHEDULE FOR TYPE)
- PERENNIAL PLANTS, ORNAMENTAL TYPE (SEE PLANT SCHEDULE FOR TYPE)
- PERENNIAL PLANTS, ORNAMENTAL TYPE (SEE PLANT SCHEDULE FOR TYPE)
- PERENNIAL PLANTS, ORNAMENTAL TYPE (SEE PLANT SCHEDULE FOR TYPE)
- SHRUB (SEE PLANT SCHEDULE FOR TYPE)
- SHRUB (SEE PLANT SCHEDULE FOR TYPE)
- PLANTER



FILE NAME *	DESIGNED WS	REVISED -
USER NAME *	DRAWN TL/BD	REVISED -
PLOT DATE *	CHECKED DA	REVISED -
	DATE 10/29/2012	REVISED -

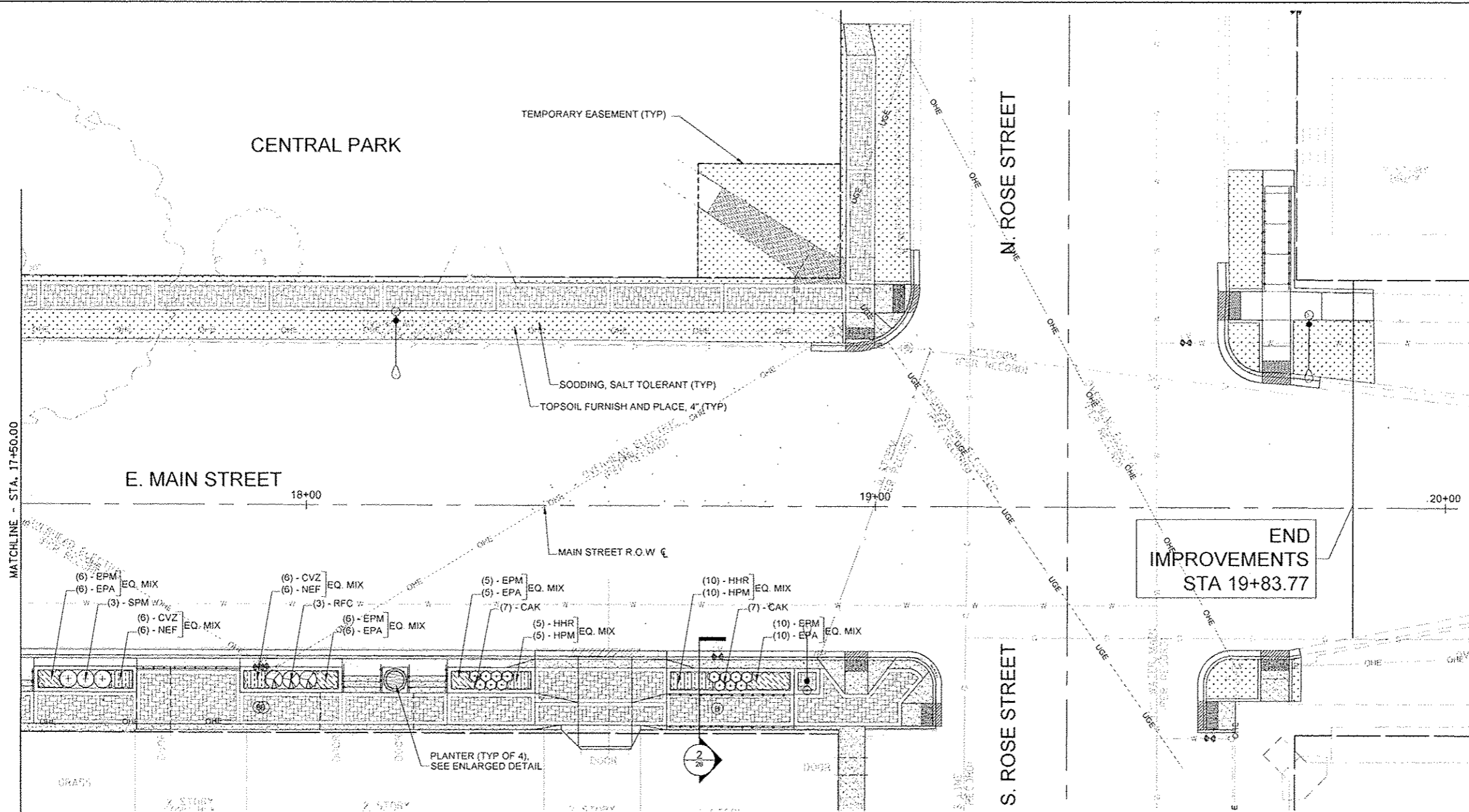
TERRA
ENGINEERING LTD.
225 W. OHIO ST., FOURTH FL.
CHICAGO, IL 60654
(312)467-0123

CITY OF ELMWOOD

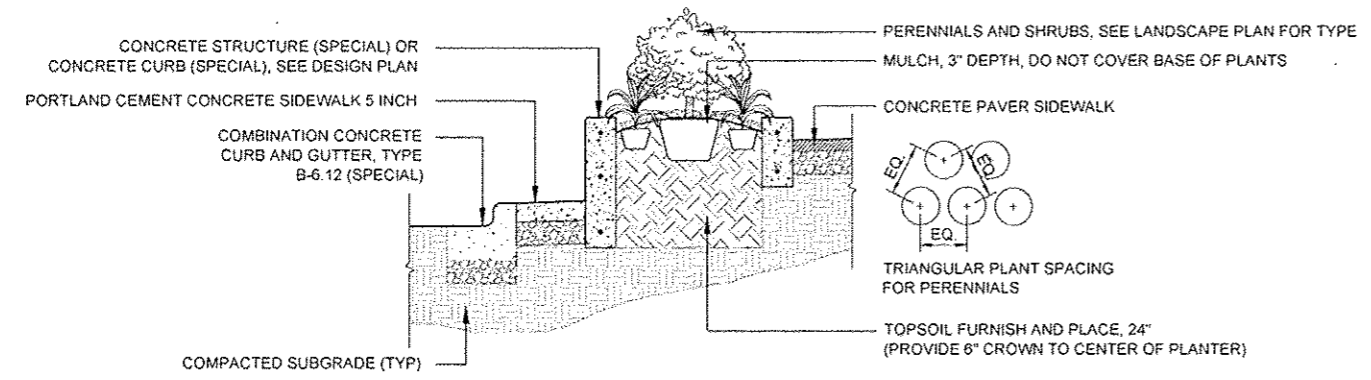
**LANDSCAPE PLAN AND DETAILS
ELMWOOD STREETSCAPE**

SCALE: 1" = 10'-0" STA. 15+00.66 TO STA. 17+50.00

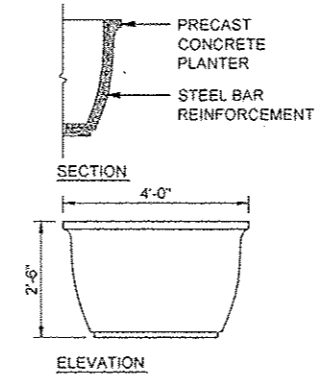
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00002-00-LS	PEORIA	34	25
			CONTRACT NO. 89604	
[ILLINOIS] FED. AID PROJECT				



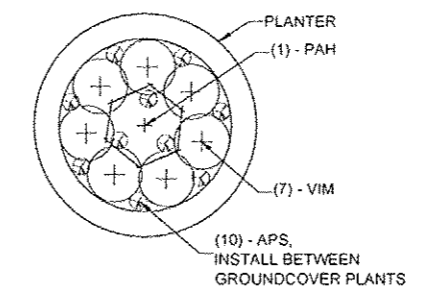
1 LANDSCAPE PLAN
SCALE: 1" = 10'-0"



2 TYPICAL LANDSCAPE PLANTING DETAIL
SCALE: 1/2" = 1'-0"



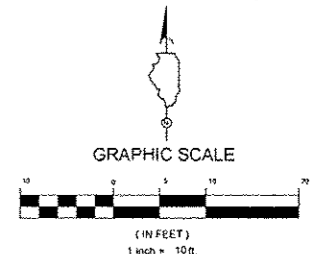
3 PLANTER DETAIL
SCALE: 1/2" = 1'-0"



4 PLANTER ENLARGEMENT
SCALE: NTS

LEGEND AND ABBREVIATIONS:

- R.O.W. LINE
- SODDING, SALT TOLERANT AND TOPSOIL FURNISH AND PLACE, 4"
- PERENNIAL PLANTS, ORNAMENTAL TYPE (SEE PLANT SCHEDULE FOR TYPE)
- PERENNIAL PLANTS, ORNAMENTAL TYPE (SEE PLANT SCHEDULE FOR TYPE)
- PERENNIAL PLANTS, ORNAMENTAL TYPE (SEE PLANT SCHEDULE FOR TYPE)
- SHRUB (SEE PLANT SCHEDULE FOR TYPE)
- SHRUB (SEE PLANT SCHEDULE FOR TYPE)
- PLANTER



FILE NAME *	DESIGNED WS	REVISED -
USER NAME *	DRAWN TL/BD	REVISED -
PLDT DATE *	CHECKED DA	REVISED -
	DATE 10/29/2012	REVISED -



CITY OF ELMWOOD

**LANDSCAPE PLAN AND DETAILS
ELMWOOD STREETScape**

SCALE: 1" = 10'-0" STA. 17+50.00 TO STA. 19+83.77

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-0002-00-LS	PEORIA	34	26
			CONTRACT NO. 89604	
ILLINOIS FED. AID PROJECT				

ELECTRICAL NOTES

PART 1: GENERAL

A. DESCRIPTION

Provide all requirements and criteria for safety and reliability to furnish and install complete operating electrical system, including materials, labor, necessary equipment as herein specified. Comply with City of Elmhurst, National Electrical Code, IDOT, Ameren Illinois and all applicable codes and standards. The equipment and installation shall conform with the standard specifications for road and bridge construction of the Illinois Department Of Transportation including latest revision and supplemental specifications, as well as the special Provisions.

B. Scope of Work

- Contractor shall furnish, install, and test complete street lighting system with all lighting poles, luminaires, foundations, lighting control cabinet, conduits, hangers, supports, devices, wiring, etc., required for a complete and operational installation. After installation, contractor shall completely test all components in compliance with IDOT standards to ensure complete functional installation.
- The work shall be performed in accordance with the rules and regulations set forth in the local governing code. The work shall also meet the laws and ordinance required by those agencies having jurisdiction.
- Contractor shall visit the site and make himself thoroughly familiar with existing conditions. Prior to submitting the proposal, include any relocation and/or alterations to the existing electrical system, components or equipment required to accommodate the new construction.
- Contractor shall obtain all permits required to perform his work. Prepare and submit to the authorities any and all data, drawings and details required for approval before commencing the installation.
- Maintain existing street lighting system operation during construction until new construction of street lighting system is completed. Maintain existing lighting as temporary lighting during the construction period. Remove same upon completion of the project.
- Contractor shall coordinate work with all trades and avoid conflicts and delays.
- Notify the engineer in writing of any discrepancies between the existing conditions and the new work. Lack of notification shall indicate that no discrepancies or conflicts exist.
- All light poles shall be non-breakaway type.
- Contractor shall coordinate work with utility companies, including electric, water, gas, sewer, cable, etc.
- 2" DIA. PVC Conduit shall be pushed under street or driveway and extended 3'-0" on each side.
- As part of this work Owner shall have first salvage rights to any item removed as part of this project. Dispose of all others. Any unused equipment or wiring will not be allowed to be abandoned in place.
- Contractor is responsible to identify all underground and overhead utility conflicts and ensure adequate clearances between utilities and new lighting system.
- After construction of new system remove old lighting poles, foundations and wiring. Abandon in place the conduit system.
- The contractor shall be responsible for damage incurred by him in any area of the project such as pavement, driveways, and sidewalks and shall restore them to their original condition as directed by the engineer. Landscaped areas shall be restored and damaged plant materials replaced to the satisfaction of the engineer.
- An Ameren Illinois approved meter socket shall be supplied at the electrical service installation which has a Meter Socket with a level bypass. The meter socket shall also meet all NESC codes.
- Contractor shall provide Schedule 80 conduit on the power pole where the electrical service connection is to be made. Ameren Illinois will provide the connectors to keep the schedule 80 conduit 6-8 inches from the power pole.

C. Guarantee

- Guarantee in writing all electrical equipment for a period of one year following date of substantial completion.
- All apparatus shall be built and installed so as to deliver its full rated capacity at the efficiency for which it was designed.

D. Construction Phase Submittals

Submit shop drawings to the engineer for approval. Prepare and provide the engineer with a complete set of circuted "record" drawings at project completion. Such drawings shall be submitted on a clear and legible reproducible form.

PART 2: PRODUCTS

A. Quality Level

All material and equipment used for this project shall be UL listed and approved for the intended applications unless otherwise noted.

B. Material

- Site lighting branch circuits shall be #8 AWG minimum, unless otherwise noted. Control wiring shall be #14 AWG minimum.

PART 3: EXECUTION

- Provide a complete properly operating system for each item of equipment called for under this notes. Install in accord with the equipment manufacturer's instructions, the best industry practices and under competent supervision at all time.
- Prior to inspection to determine substantial completion the contractor shall operate all electrical system to demonstrate that the installation and performance of the system conform to the requirements specified above and on the drawings.

PANEL	CIRCUIT NUMBER	SIZE OF BREAKER	NO. OF LTG FIXTURE	RED PH. (AT 120V)	BLACK PH. (AT 120V)
A1	A	50A, 240V	(4) 300W		
	B	50A, 240V	(3) 300W		
	C	50A, 240V	SPARE		
	D	50A, 240V	SPARE		
	E,F,G,H	50A, 240V	SPARE		
SUBTOTAL					
CABINET A1 TOTAL LOAD (240V, 1PH)					

*120V RECEPTACLE LOAD IS INCLUDED

PROJECT	ELMWOOD STREETSCAPE	LOCATION	NW CORNER MAIN AND ROSE		
CABINET	A1	CABLE SIZE	3-1/C NO.8 & 1-1/C NO.8		
CIRCUIT	A	CONDUCTOR	COPPER		
SYSTEM VOLTAGE	240V	LUMINAIRE VOLTAGE	240V		
NO. OF LUMINAIRES	CURRENT/LUMINAIRE	DISTANCE	2X	RESISTIVITY	VOLTAGE DROP
4	1.42A	163FT	2	0.78	0.46V
3	1.42A	145FT	2	0.78	0.81V
2	1.42A	90FT	2	0.78	0.76V
1	1.42A	84FT	2	0.78	0.24V
TOTAL					2.27V

TOTAL VOLTAGE DROP/ SYSTEM VOLTAGE = 0.99%

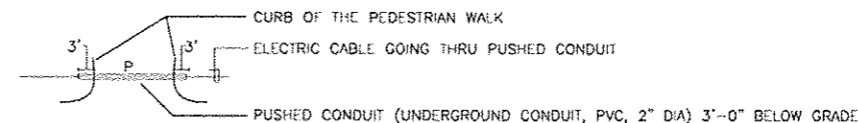
PROJECT	ELMWOOD STREETSCAPE	LOCATION	NW CORNER MAIN AND ROSE		
CABINET	A1	CABLE SIZE	3-1/C NO.8 & 1-1/C NO.8		
CIRCUIT	B	CONDUCTOR	COPPER		
SYSTEM VOLTAGE	240V	LUMINAIRE VOLTAGE	240V		
NO. OF LUMINAIRES	CURRENT/LUMINAIRE	DISTANCE	2X	RESISTIVITY	VOLTAGE DROP
3	1.42A	145FT	2	0.78	0.41V
2	1.42A	145FT	2	0.78	0.81V
1	1.42A	85FT	2	0.78	0.71V
TOTAL					1.93V

TOTAL VOLTAGE DROP/ SYSTEM VOLTAGE = 0.85%

SP	SPECIALTY	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
		80500100	SERVICE INSTALLATION, TYPE A	EACH	1
		81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	936
		81400100	HANDHOLE	EACH	3
		81702431	ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 3-1C NO.8, 1/C NO.8 GROUND	FOOT	1186
		81702120	ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 1C NO.8	FOOT	2372
		82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	1
		83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	38.5
		84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	4
*		X0326654	ORNAMENTAL LIGHT UNIT, COMPLETE	EACH	7
*		Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	3

*All poles shall have the same offset from the roadway centerline to maintain visual alignment.

New foundation and poles shall be located away from any existing utilities. Contractor shall identify all utilities and dig by hand to expose utility lines. Final exact location of foundation and pole shall be coordinated and approved prior to installation.



TYPICAL PUSHED CONDUIT DIAGRAM

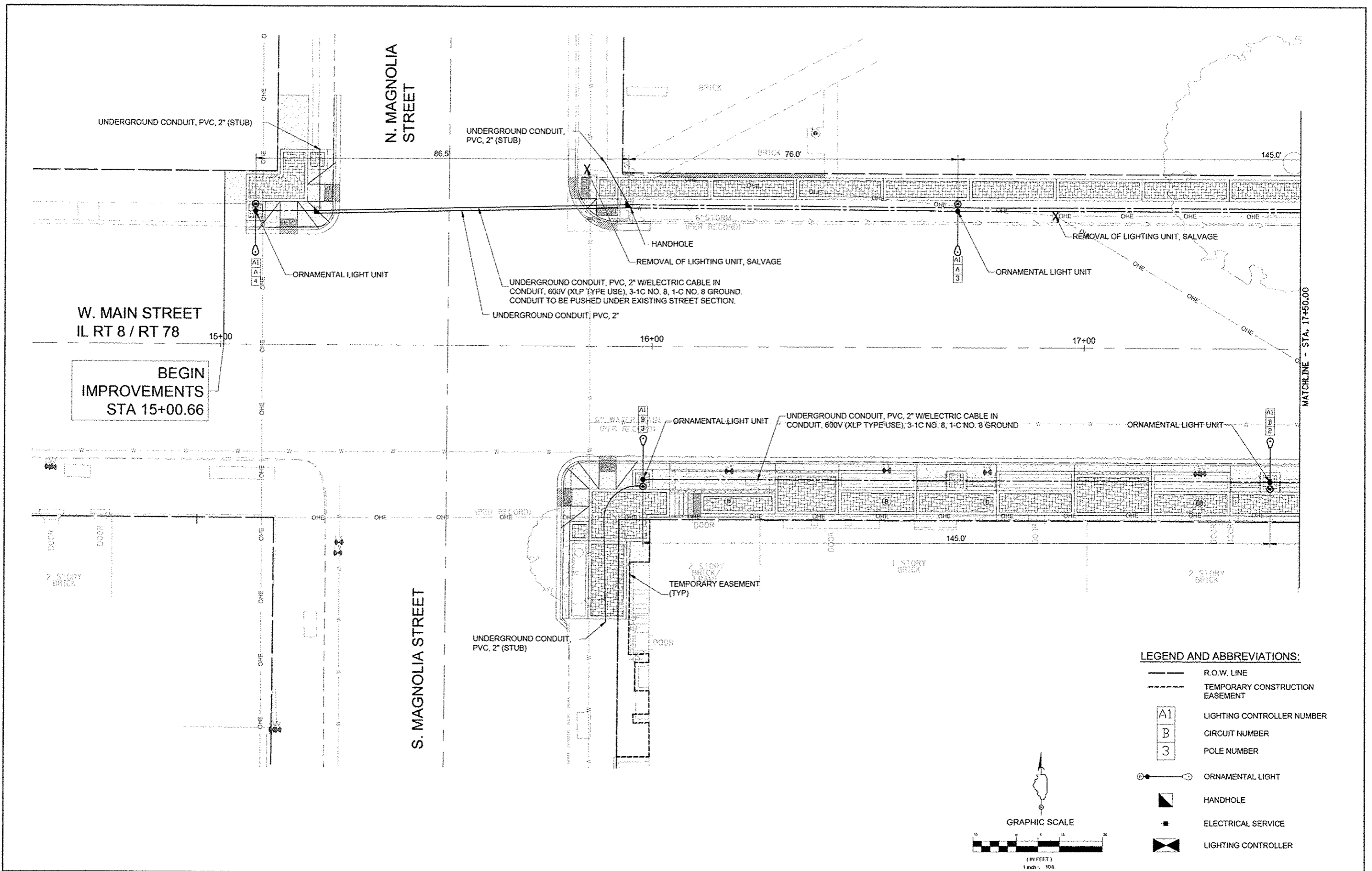
N.T.S. REFER TO ELECTRICAL PLAN FOR EXACT LOCATION

Highway Lighting Voltage Drop Calculations

$$V_d = 2(D) (I) (R)$$

V_d = Voltage Drop
 D = Length of cable
 2 = Multiplier, since current leaves and returns
 I = Total current in segment
 R = DC Resistance of the cable

$$\%V_d = \frac{V_d}{240} (100)$$



MATCHLINE - STA. 17+50.00

W. MAIN STREET
IL RT 8 / RT 78

BEGIN
IMPROVEMENTS
STA 15+00.66

N. MAGNOLIA
STREET

S. MAGNOLIA STREET

FILE NAME	DESIGNED CH	REVISED -
USER NAME	DRAWN CH	REVISED -
PLOT DATE	CHECKED DA	REVISED -
	DATE 10/29/2012	REVISED -

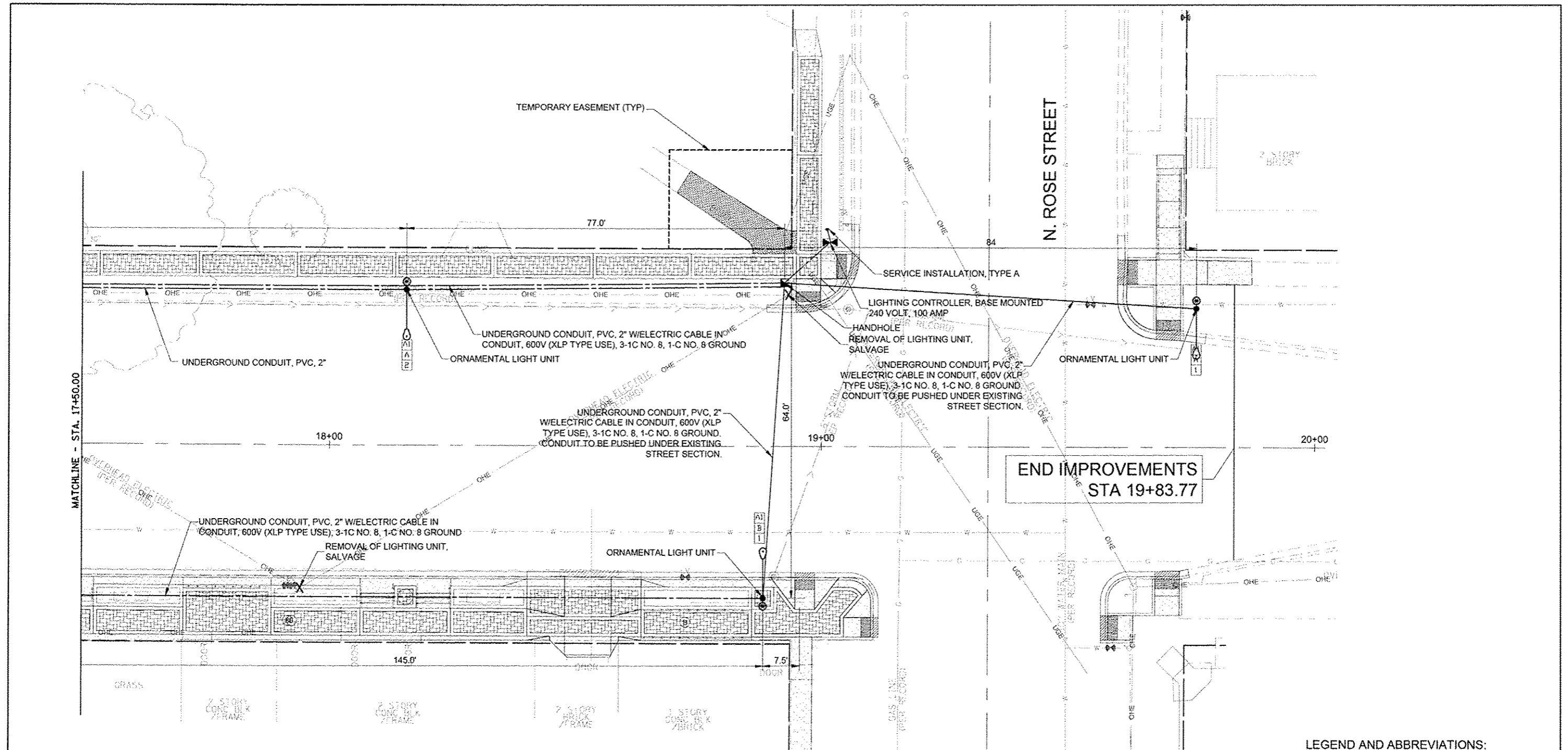
TERRA
ENGINEERING LTD.
225 W. OHIO ST., FOURTH FL.
CHICAGO, IL 60654
(312)467-0123

CITY OF ELMWOOD

**LIGHTING PLAN
ELMWOOD STREETScape**

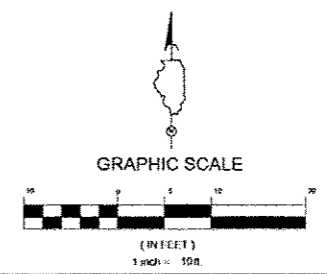
SCALE: STA. 15+00.66 TO STA. 17+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00002-00-LS	PEORIA	34	28
CONTRACT NO. 89604				
ILLINOIS FED. AID PROJECT				



LEGEND AND ABBREVIATIONS:

- R.O.W. LINE
- TEMPORARY CONSTRUCTION EASEMENT
- LIGHTING CONTROLLER NUMBER
CIRCUIT NUMBER
POLE NUMBER
- ORNAMENTAL LIGHT
- HANDHOLE
- ELECTRICAL SERVICE
- LIGHTING CONTROLLER



FILE NAME	DESIGNED CH	REVISED -
USER NAME	DRAWN CH	REVISED -
PLOT DATE	CHECKED DA	REVISED -
	DATE 10/29/2012	REVISED -

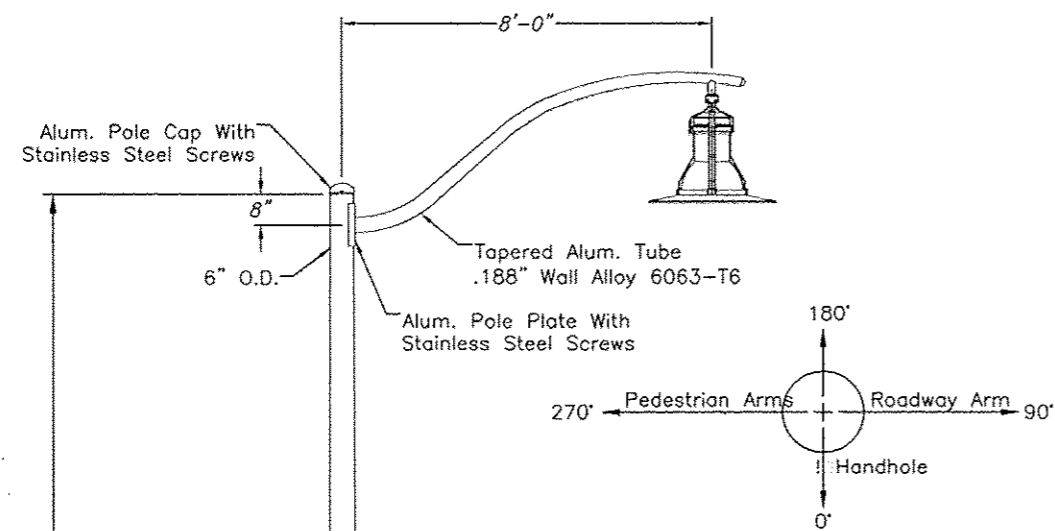


CITY OF ELMWOOD

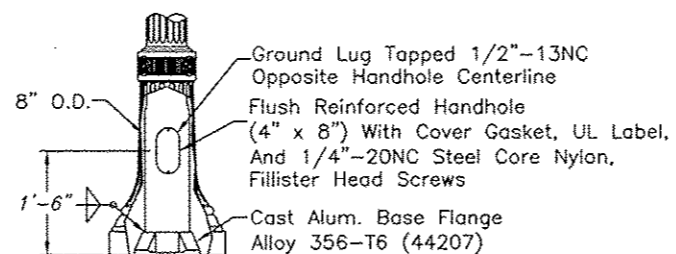
**LIGHTING PLAN
ELMWOOD STREETSCAPE**

SCALE: STA. 17+50.00 TO STA. 19+83.77

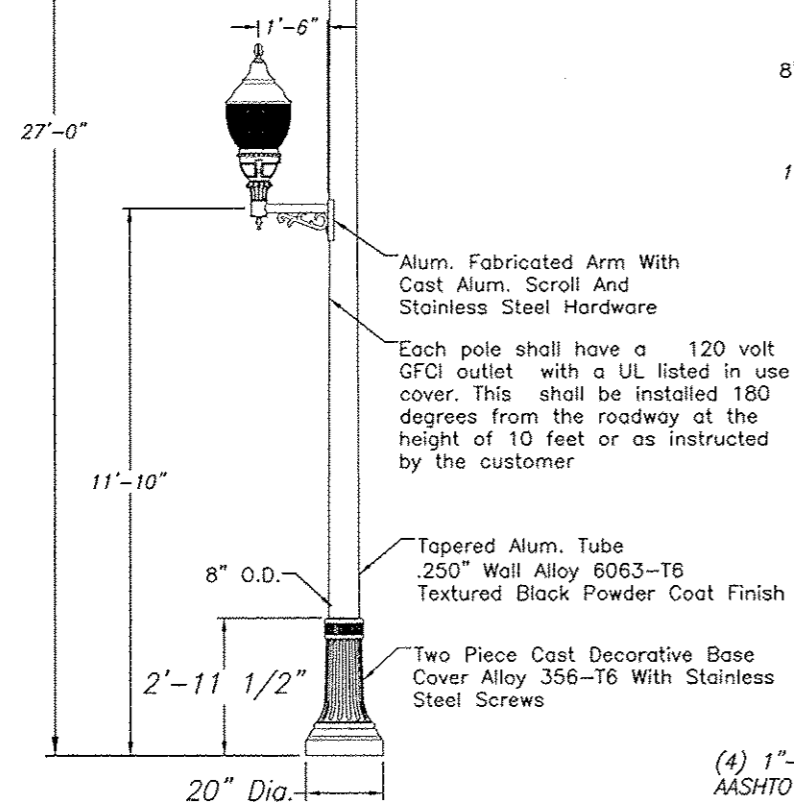
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CONTRACT NO. B9604				
ILLINOIS FED. AID PROJECT				



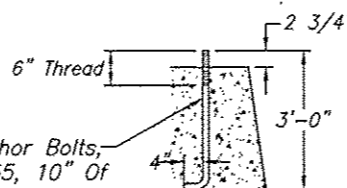
Plan View



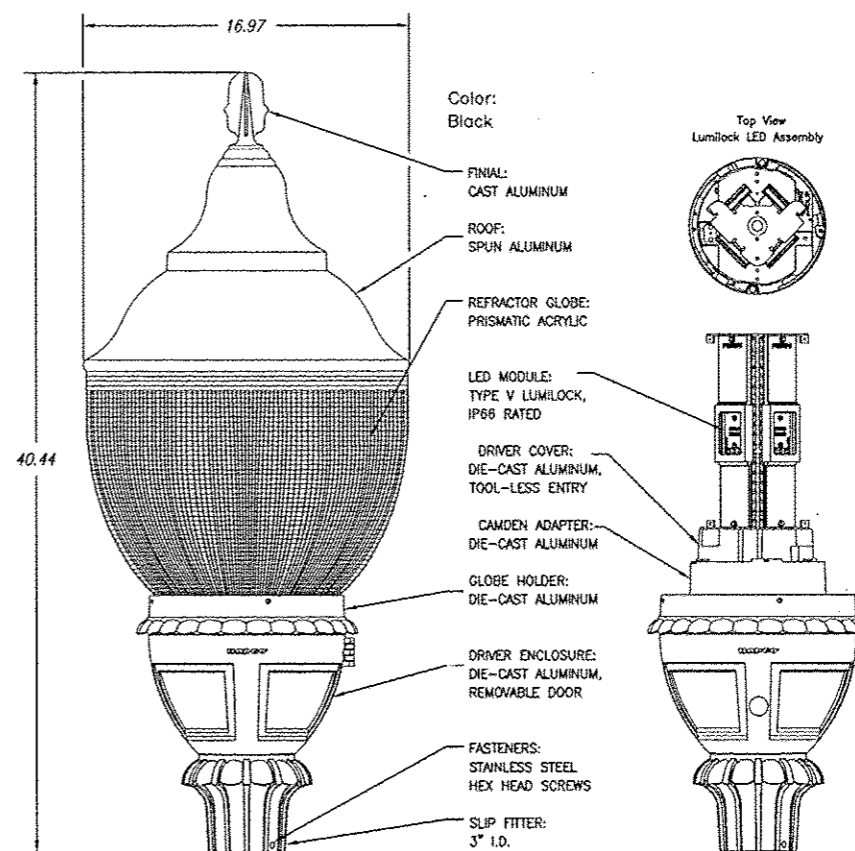
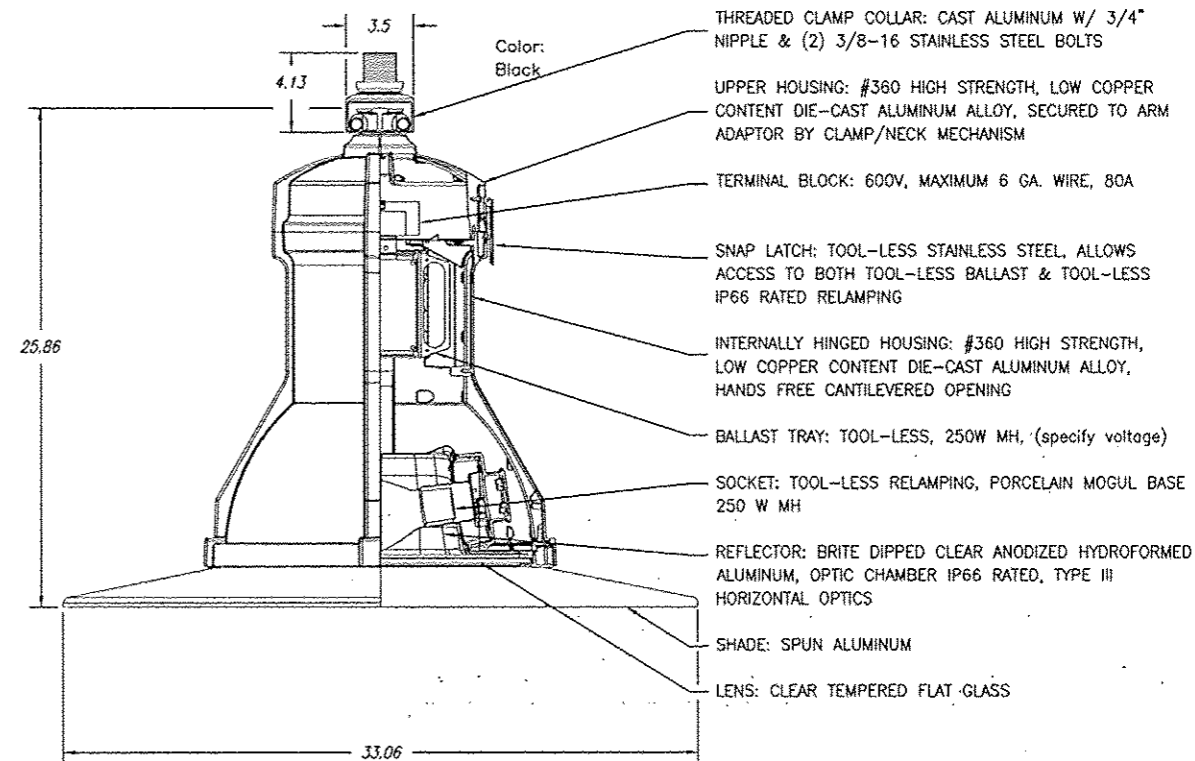
Pole Base Detail



11" to 12" Dia. Bolt Circle



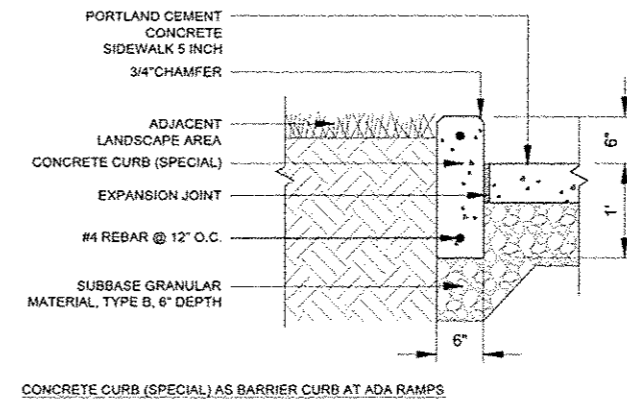
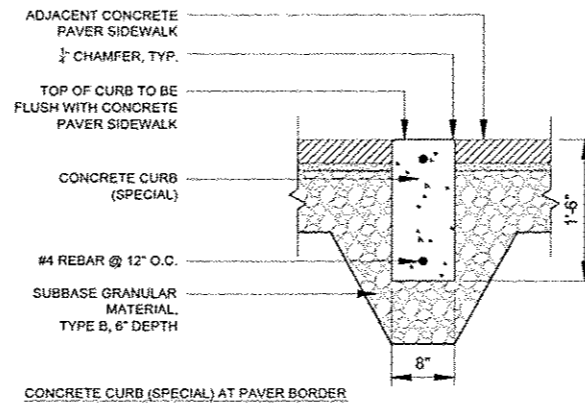
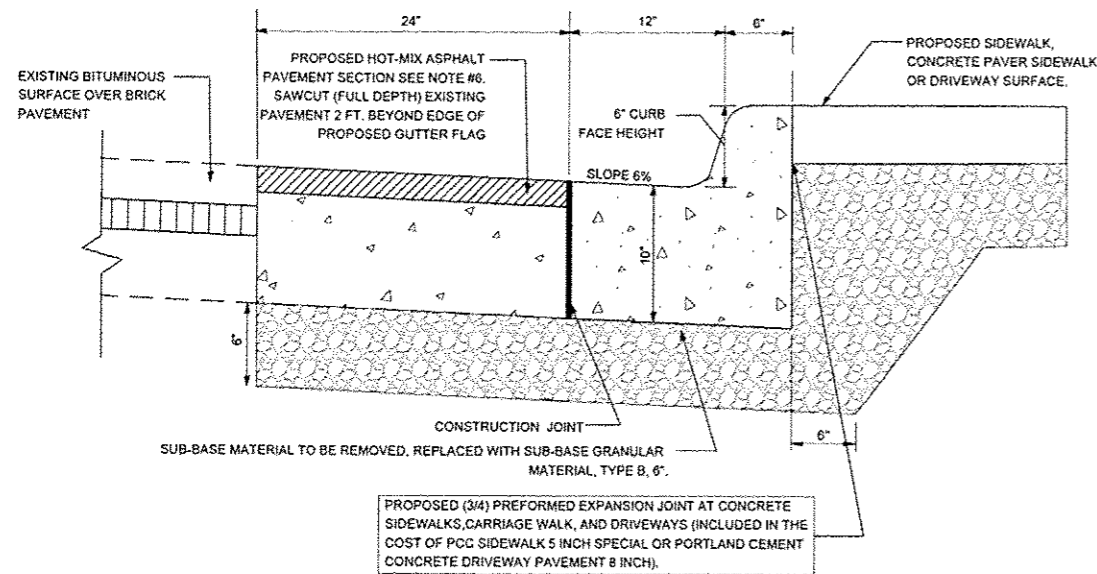
- (4) 1"-8NC Galv. Stl. Anchor Bolts, AASHTO M314-90 Grade 55, 10" Of Threaded End Galv. Per ASTM A153.
- (4) 1"-8NC Galv. Stl. Hex. Nuts
- (4) 1" Galv. Stl. Lockwashers
- (4) 1" Galv. Stl. Flatwashers



Lumilock LED Specifications:

- 40, 4000K (neutral) Philips Lumileds Rebel ES LED's on aluminum core pcb, sealed acrylic lens, IP66 rated, 60,000 hrs. at 25° C ambient temperature & 70% lumen maintenance, 70 color rendering index (CRI) nominal, type V light distribution.
- Philips Advance Xitanium class 1, IP66 rated LED driver, driver operates 120-277 VAC, power factor 0.90, 350mA, 50-60Hz. auto sensing, field adjustable 10kV/10kA surge suppression.

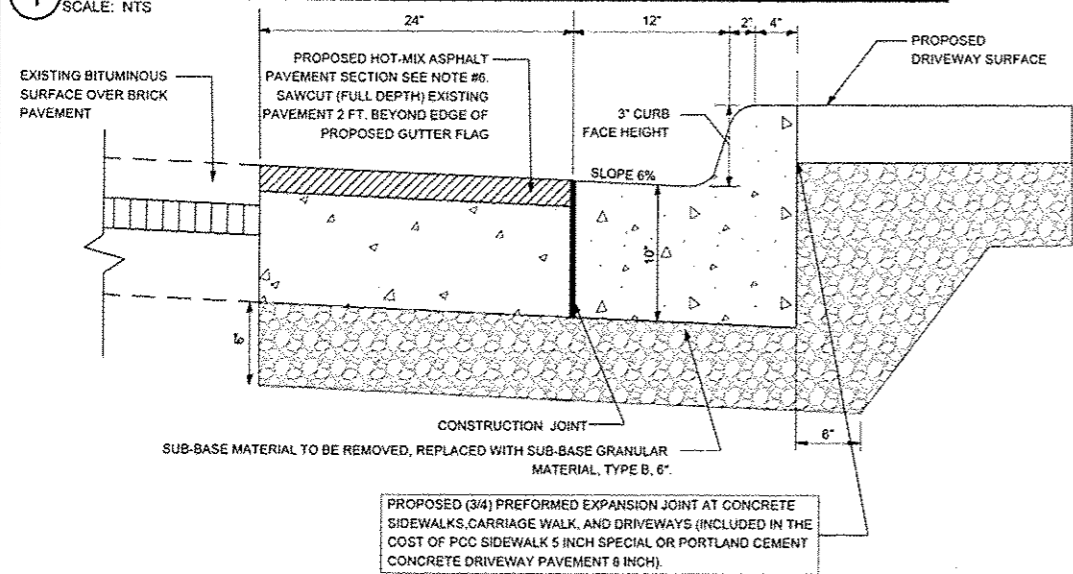
FILE NAME =	DESIGNED CH	REVISED -	<p>225 W. GARD ST., P.O. BOX 14 CHICAGO, IL 60604 (312)467-0123</p>	CITY OF ELMWOOD	LIGHTING DETAILS ELMWOOD STREETSCAPE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN CH	REVISED -	10-00002-00-LS				PEORIA	34	30		
USER NAME *	CHECKED DA	REVISED -				CONTRACT NO. 89604				
PLOT DATE =	DATE 10/29/2012	REVISED -				ILLINOIS FED. AID PROJECT				



BASIS OF PAYMENT:
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR COMBINATION CONCRETE CURB AND GUTTER (SPECIAL).

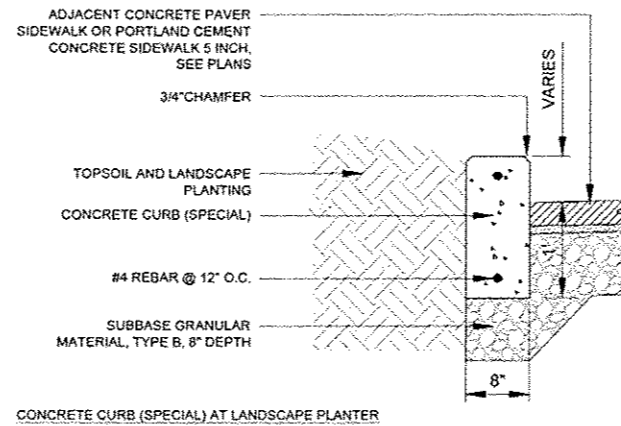
- NOTES:**
1. COMBINATION CONCRETE CURB AND GUTTER (SPECIAL) SHALL TRANSITION TO MATCH THE SHAPE OF EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
 2. LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF COMBINATION CURB AND GUTTER REMOVAL.
 3. CONSTRUCTION OF COMBINATION CURB AND GUTTER (SPECIAL) SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 606 OF THE STANDARD SPECIFICATIONS.
 4. DEPRESSED CURBS FOR DRIVEWAYS AND ALLEYS SHALL BE PER IDOT STANDARD 606001-05 AS DETAILED FOR B-6.12 CURB AND GUTTER.
 5. DEPRESSED CURB ADJACENT TO CURB RAMP ACCESSIBLE TO THE DISABLED SHALL BE PER IDOT STANDARD 606001-05 AS DETAILED FOR B-6.12 CURB AND GUTTER.
 6. PROPOSED HOT MIX ASPHALT PAVEMENT SECTION SHALL BE:
2\"/>

1 COMBINATION CONCRETE CURB AND GUTTER (SPECIAL)
SCALE: NTS

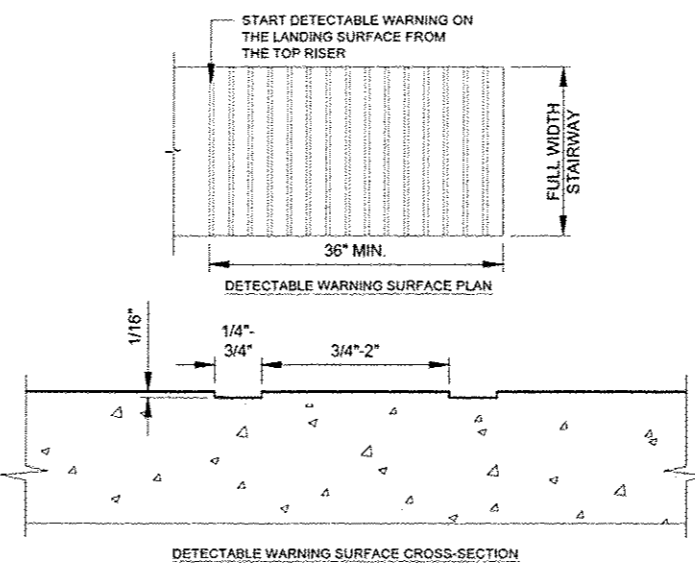


- NOTES:**
1. NOTES 1, 2, 3, AND 6 OF COMBINATION CURB AND GUTTER (SPECIAL) ABOVE APPLY TO COMBINATION CONCRETE CURB AND GUTTER, TYPE M (MODIFIED).

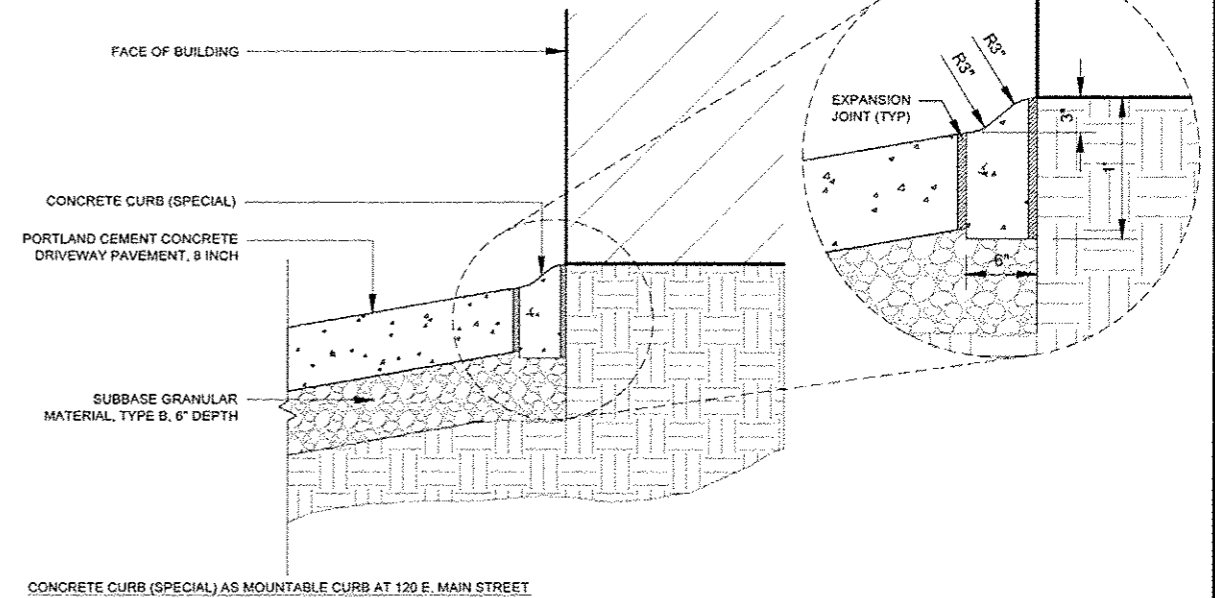
2 COMBINATION CONCRETE CURB AND GUTTER, TYPE M (MODIFIED)
SCALE: NTS



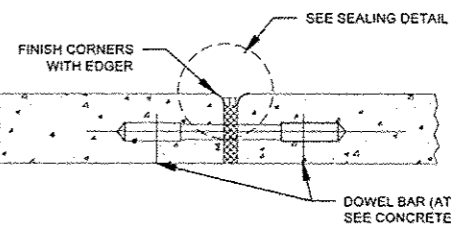
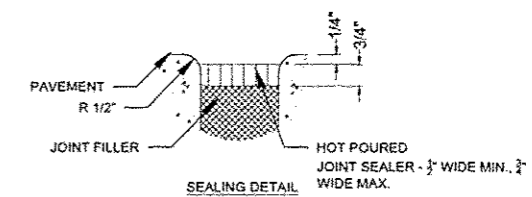
3 CONCRETE CURB (SPECIAL)
SCALE: 1\"/>



4 DETECTABLE WARNING SURFACE - GROOVES
SCALE: NTS



CONCRETE CURB (SPECIAL) AS MOUNTABLE CURB AT 120 E. MAIN STREET



- NOTES:**
1. PROVIDE BITUMINOUS PREFORMED JOINT FILLER EVERY 40' MAX., AND AT LOCATIONS SHOWN ON PLANS.
 2. FOR USE AT PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH.

5 BITUMINOUS PREFORMED JOINT FILLER
SCALE: NTS

FILE NAME	DESIGNED WS	REVISED -
USER NAME	DRAWN TL/BD	REVISED -
PLOT DATE	CHECKED DA	REVISED -
	DATE 10/29/2012	REVISED -



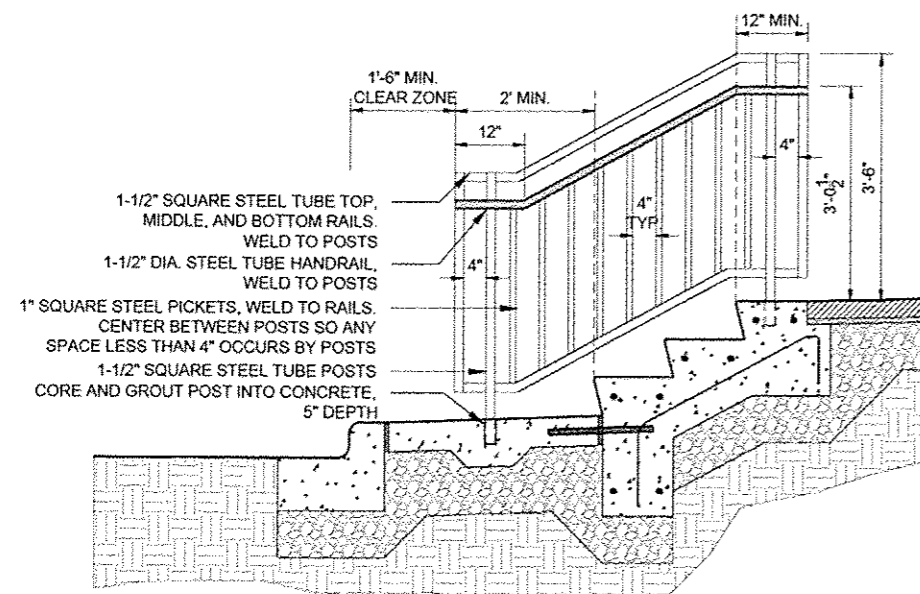
CITY OF ELMWOOD

PROJECT SPECIFIC DETAILS
ELMWOOD STREETSCAPE

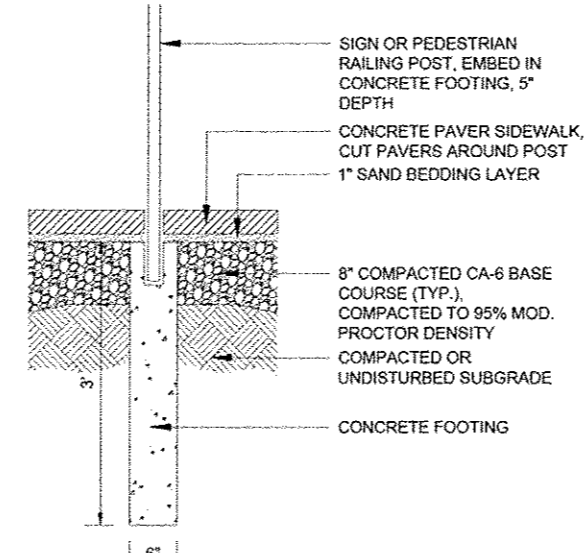
SCALE: VARIES

STA. 10 STA.

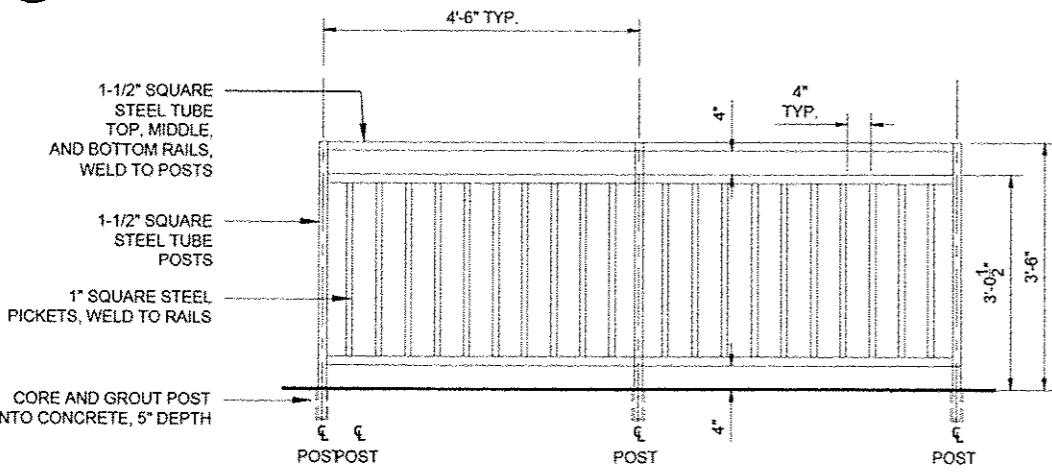
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-0002-00-LS	PEORIA	34	31
			CONTRACT NO. 89604	
ILLINOIS FED. AID PROJECT				



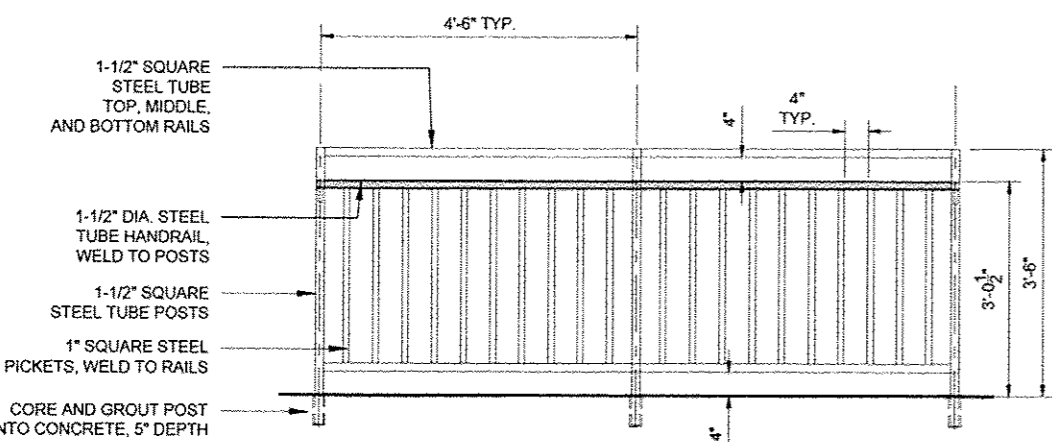
1 TYPICAL PEDESTRIAN RAIL (SPECIAL) AT CONCRETE STEPS
SCALE: 3/4" = 1'-0"



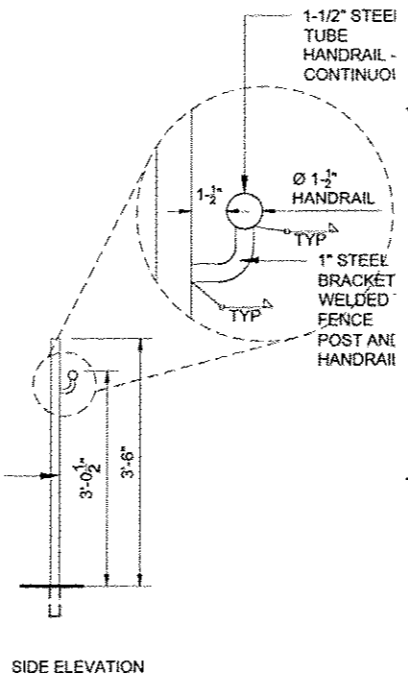
2 PEDESTRIAN RAILING POST IN PAVERS
SCALE: 1" = 1'-0"



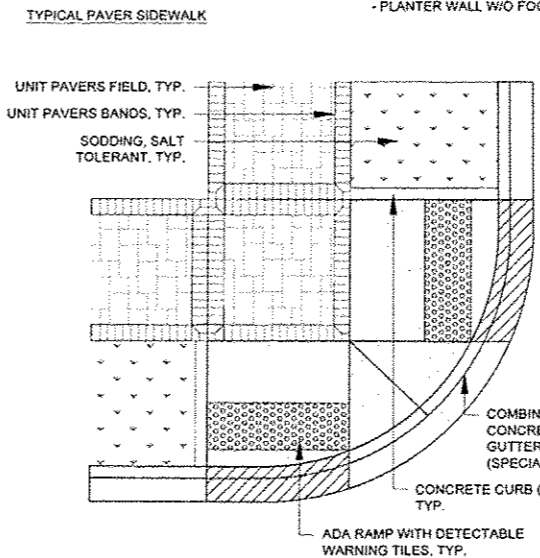
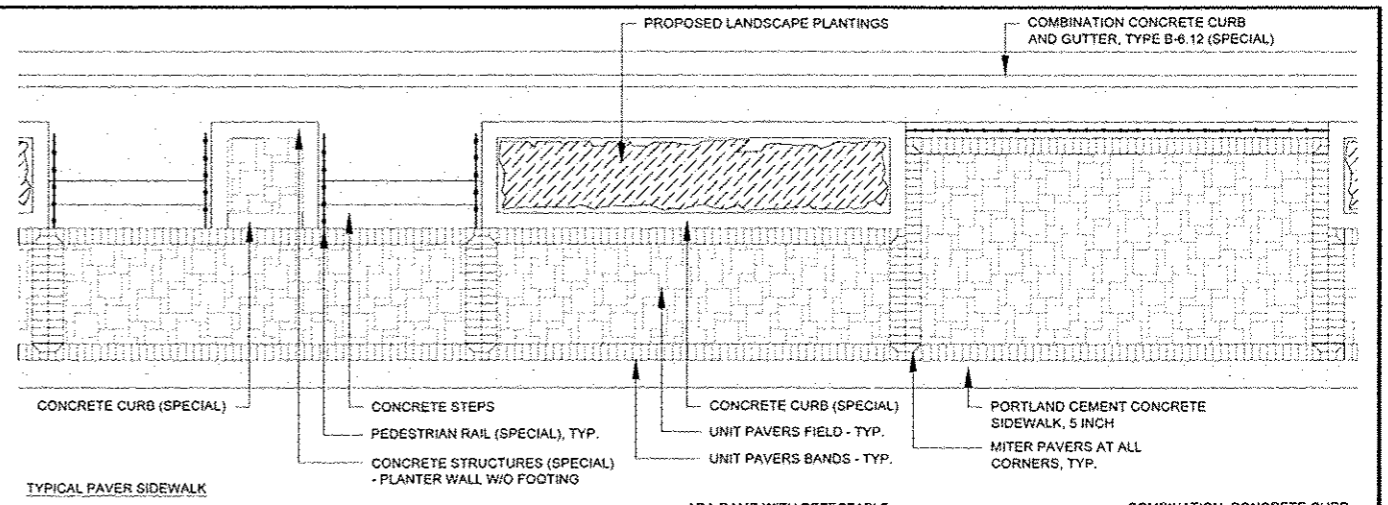
3 PEDESTRIAN RAILING
SCALE: 3/4" = 1'-0"



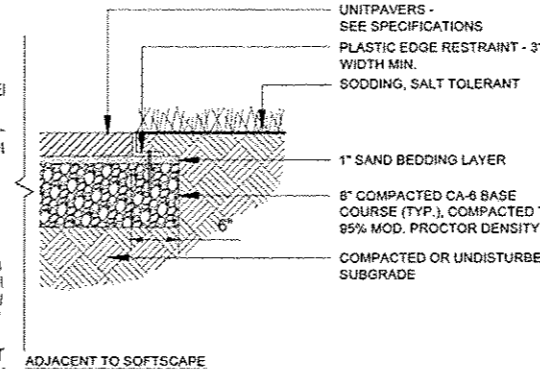
4 PEDESTRIAN RAIL (SPECIAL)
SCALE: 3/4" = 1'-0"



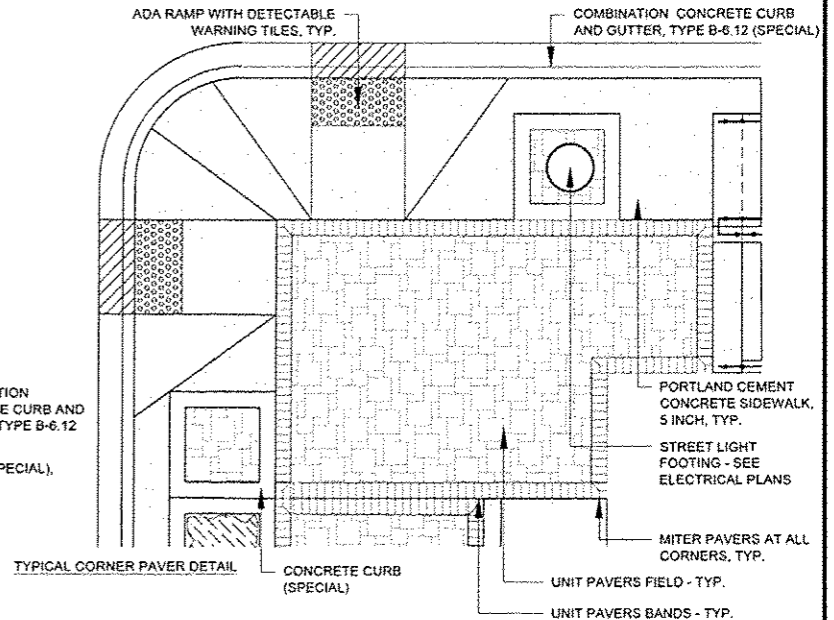
SIDE ELEVATION



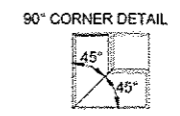
TYPICAL CORNER PAVES DETAIL



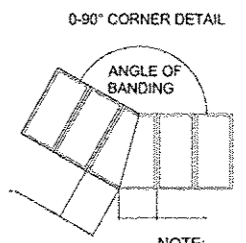
ADJACENT TO HARDSCAPE



TYPICAL CORNER PAVES DETAIL



TYPICAL CUT IN BANDING

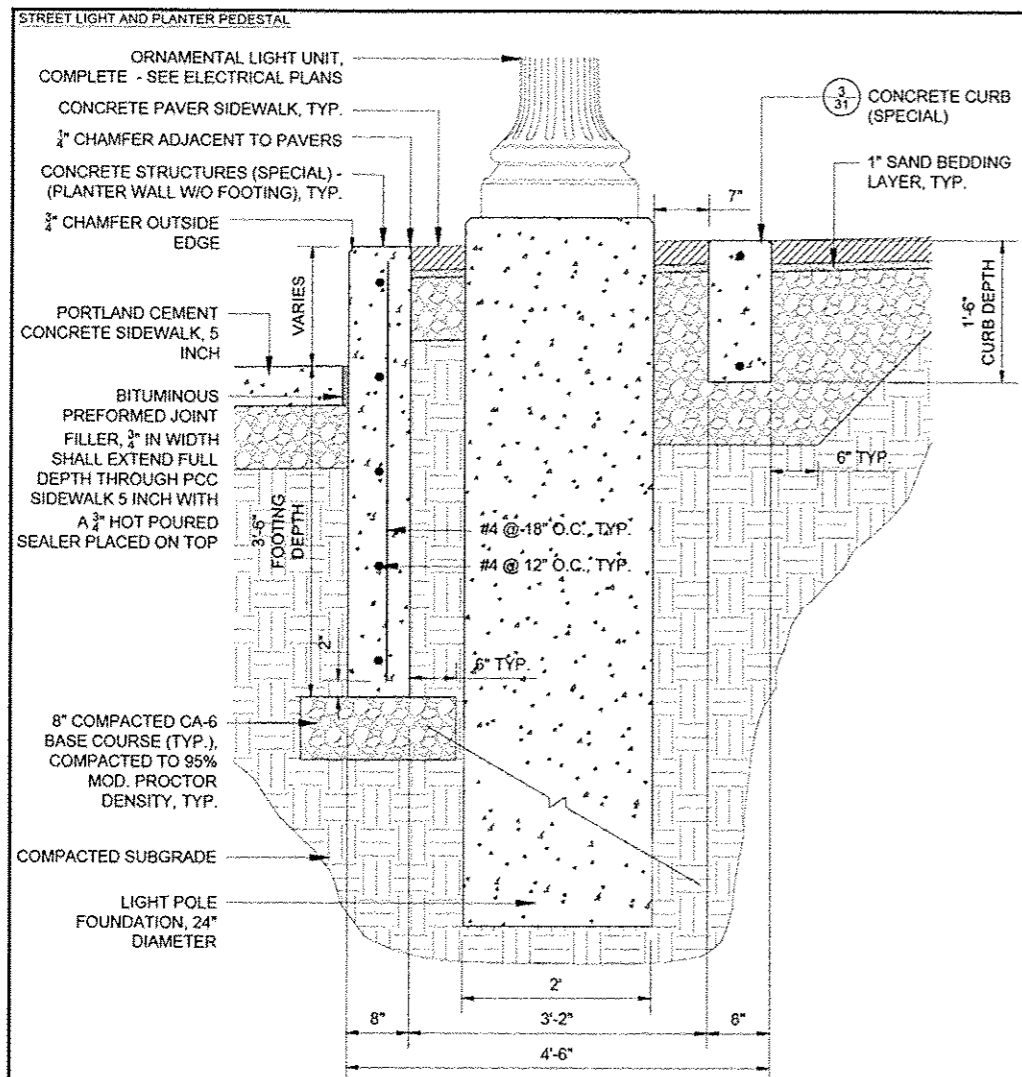


- NOTE:**
- PAVER MODULE SHALL DETERMINE THE LAYOUT OF PAVED AREA.
 - THE PAVER MODULE SHOWN ABOVE IS APPROXIMATE AND BASED ON DATA PROVIDED BY THE PAVER MANUFACTURER.
 - BEFORE BEGINNING CONCRETE FORMWORK FOR CURBING OR OTHER CONSTRUCTION, CONTRACTOR SHALL COORDINATE THE PAVER MODULE WITH THE PAVER MANUFACTURER TO DETERMINE THE ACTUAL DIMENSION OF THE PAVER MODULE WHEN CONSTRUCTED IN THE FIELD.
 - CONTRACTOR SHALL CONFIRM THE ACTUAL DIMENSION WITH THE ARCHITECT/ENGINEER PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
 - THE GOAL OF THE PAVING PATTERN LAYOUT IS TO ELIMINATE PAVER CUTTING AT THE EDGES OF THE PAVER FIELD.

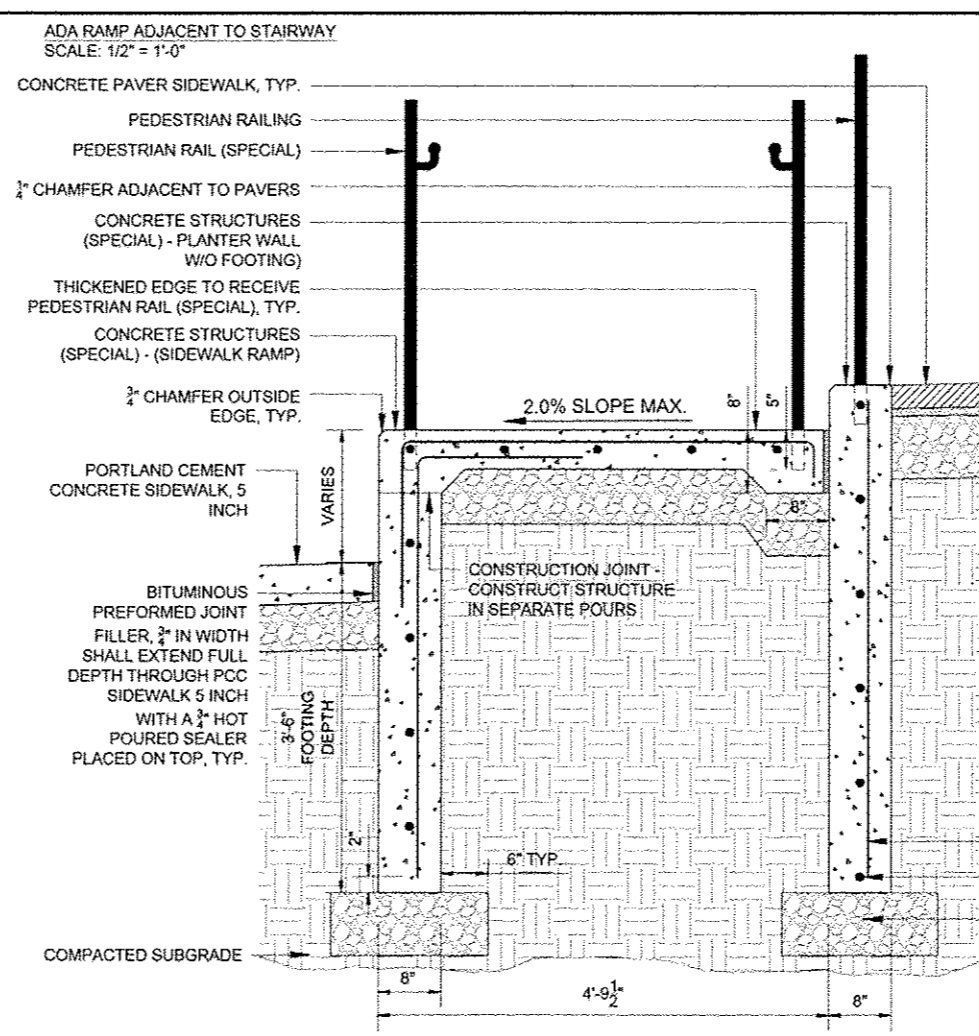
5 CONCRETE PAVER SIDEWALK
SCALE: NTS

TYPICAL PAVER CUTS

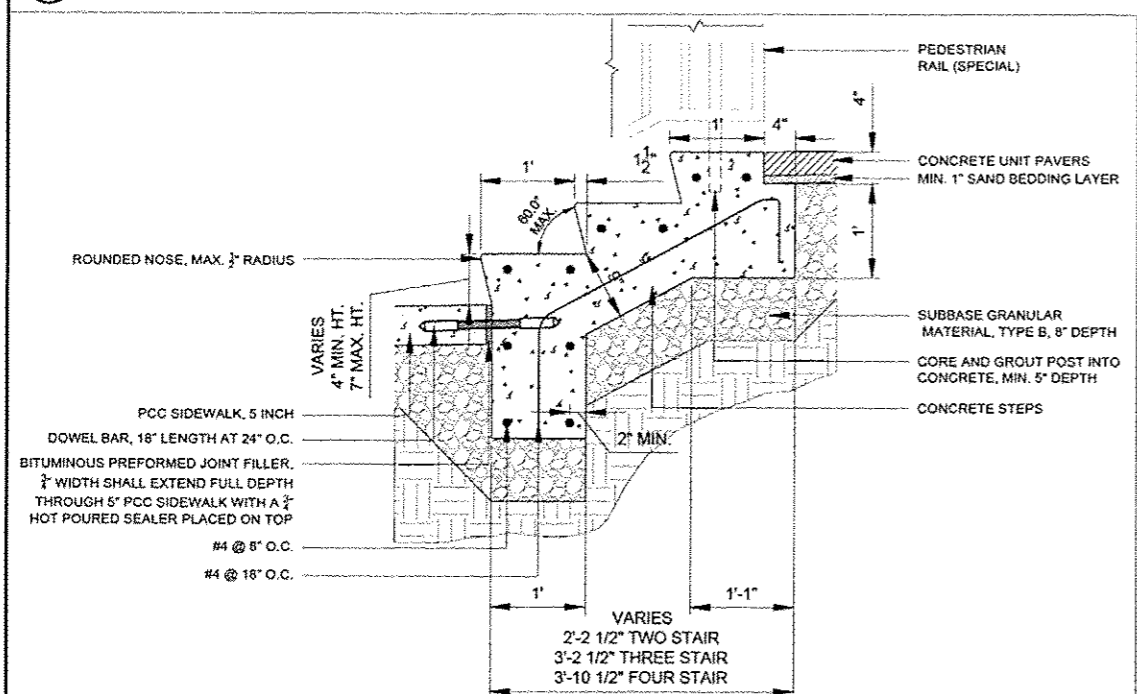
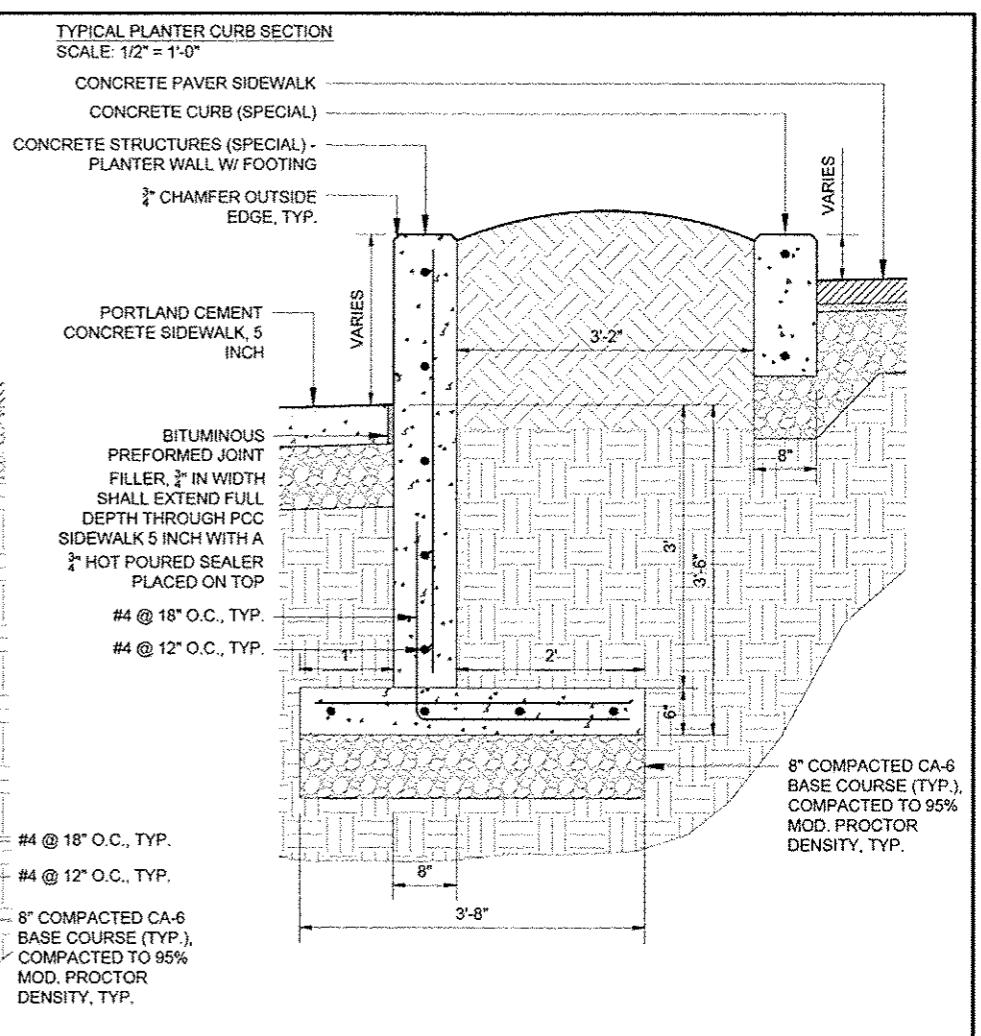
FILE NAME	DESIGNED WS	REVISED	<p>220 N. ORIO ST., FOURTH FL. CHICAGO, IL 60654 (312)467-0123</p>	CITY OF ELMWOOD	PROJECT SPECIFIC DETAILS		F.A. RTLE. SECTION COUNTY TOTAL SHEETS SHEET NO. 10-0002-00-1S PEORIA 34 32 CONTRACT NO. 89604
USER NAME	DRAWN TL/BD	REVISED			SCALE: VARIES	STA. TO STA.	
PLDT DATE	CHECKED DA	REVISED					
	DATE 10/29/2012	REVISED					



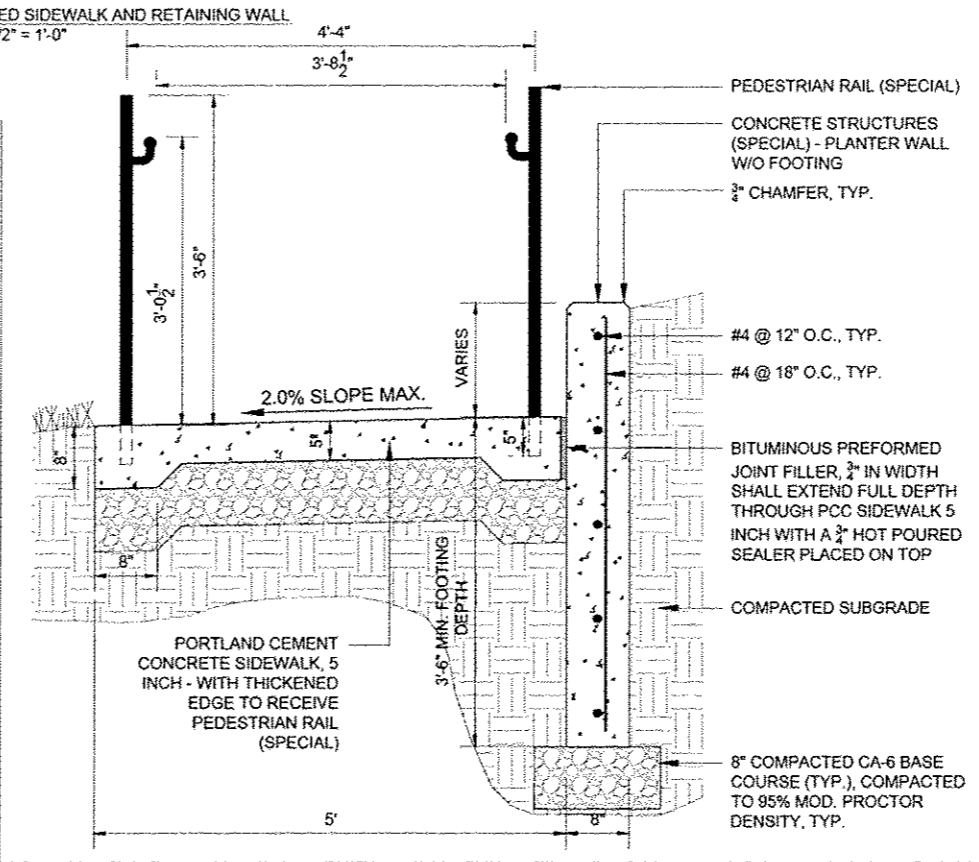
1 CONCRETE STRUCTURES (SPECIAL)
SCALE: 1" = 1'-0"



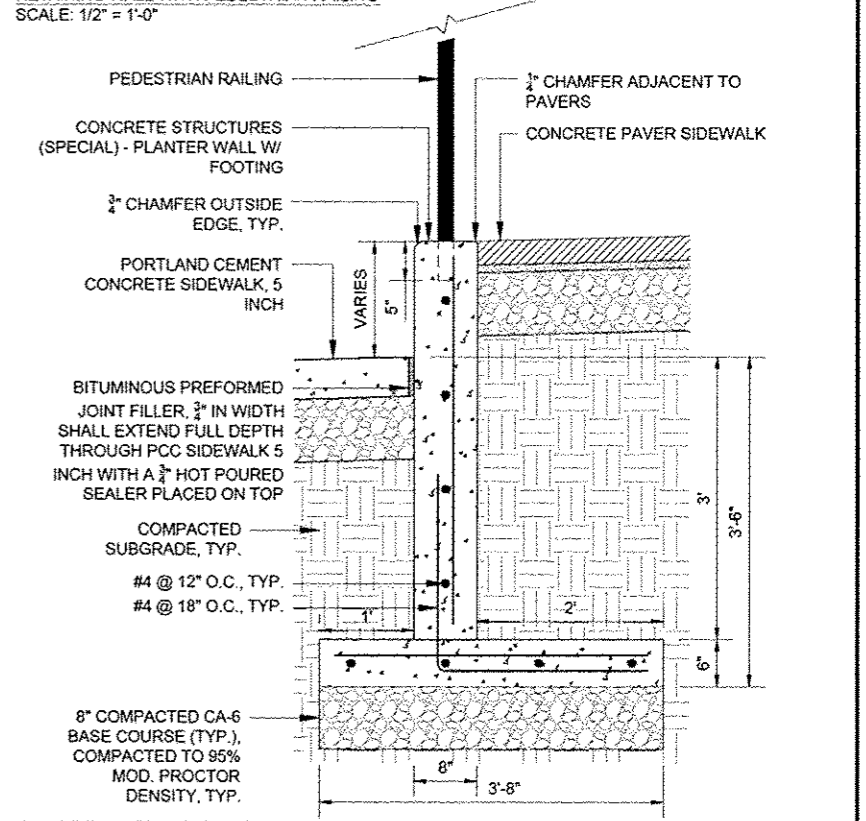
THICKENED SIDEWALK AND RETAINING WALL
SCALE: 1/2" = 1'-0"



2 CONCRETE STEPS DETAIL
SCALE: 1" = 1'-0"



RETAINING WALL WITH PEDESTRIAN RAILING
SCALE: 1/2" = 1'-0"



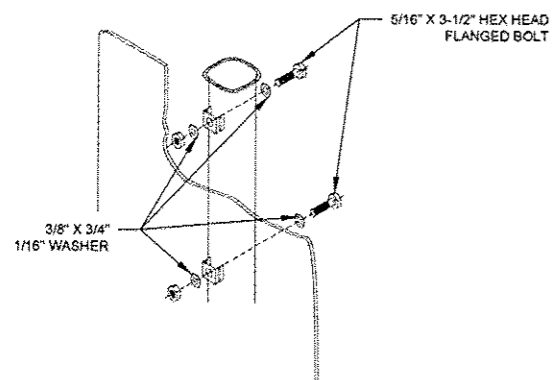
FILE NAME	DESIGNED WS	REVISED -
USER NAME	DRAWN TL/BD	REVISED -
DATE	CHECKED DA	REVISED -
	DATE 10/29/2012	REVISED -



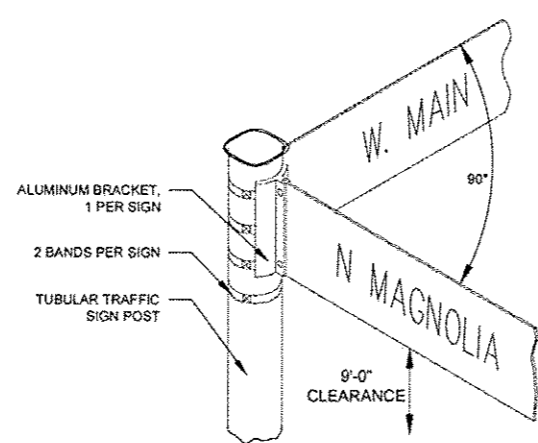
CITY OF ELMWOOD

PROJECT SPECIFIC DETAILS
ELMWOOD STREETSCAPE

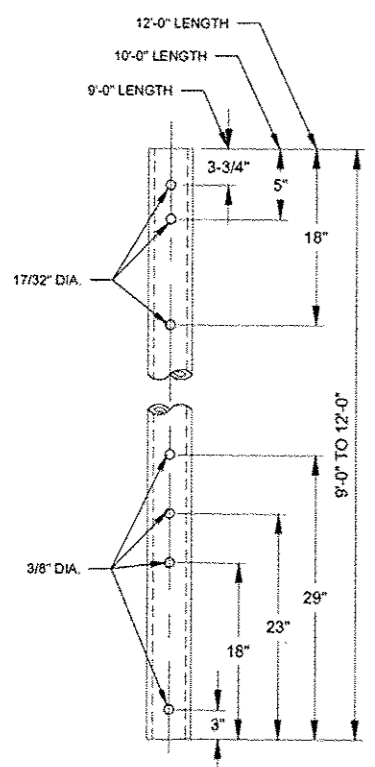
F.A. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-0002-00-1.5	PEORIA	34	33
CONTRACT NO. 89604				
ILLINOIS FED. AID PROJECT				



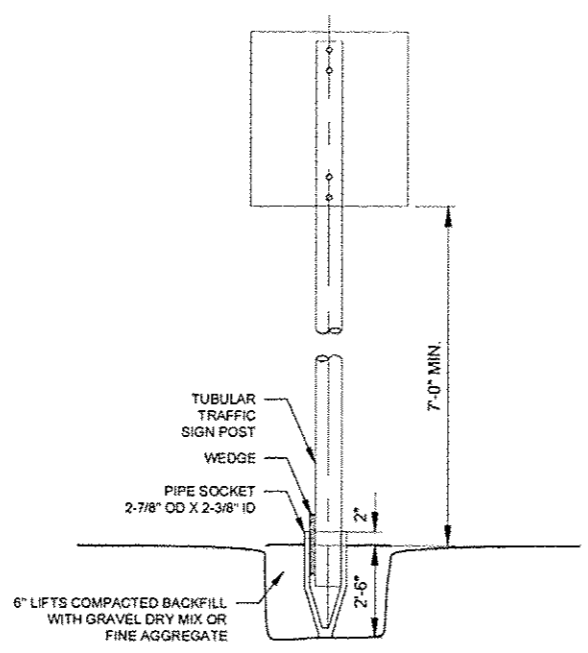
2-3/8" O.D. PIPE
SIGN ASSEMBLY



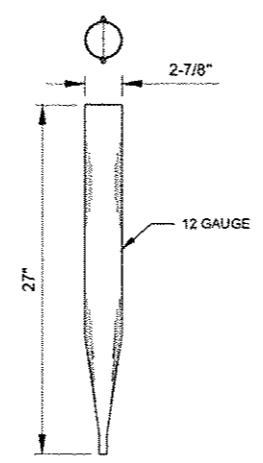
D3-1 SIGN ASSEMBLY



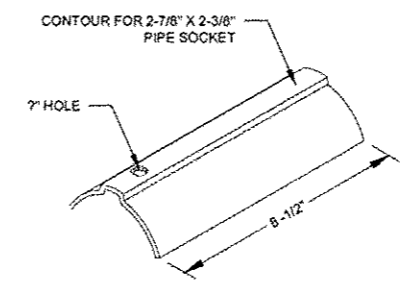
TUBULAR TRAFFIC SIGN POST
2-3/8" X .080 WALL



DIG PIPE



PIPE SOCKET



WEDGE

1 SIGN INSTALLATION DETAILS
NTS

FILE NAME	DESIGNED WS	REVISED
USER NAME	DRAWN TL/BD	REVISED
PLOT DATE	CHECKED DA	REVISED
	DATE 10/29/2012	REVISED

TERRA
ENGINEERING LTD.
220 W. 9310 ST., FOURTH FL.
CHICAGO, IL 60654
(912)467-0123

CITY OF ELMWOOD

PROJECT SPECIFIC DETAILS
ELMWOOD STREETScape

SCALE: VARIES STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00002-00-LS	PEORIA	34	34
			CONTRACT NO. 89604	
ILLINOIS FED. AID PROJECT				