

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

CITY OF COLUMBIA
MAIN STREET STREETScape
FAU ROUTE 9302
SECTION 06-00045-00-SW
PROJECT TE-00D8(135)
JOB NO. C-98-337-09
MONROE COUNTY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9302	06-00045-00-PV	MONROE	24	1
COLUMBIA		ILLINOIS	CONTRACT NO. 97468	

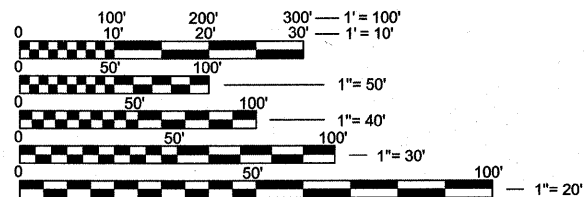
FEDERAL AID PROJECT

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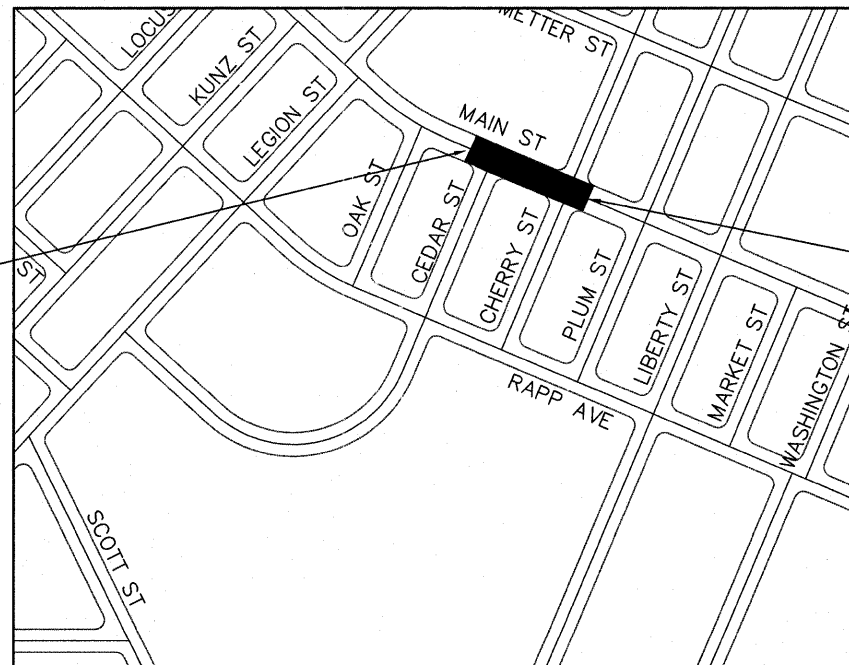


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

FUNCTIONAL CLASSIFICATION: URBAN ARTERIAL
ADT: 10,200

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LOCATION MAP

SCALE: 1" = 200'

LENGTH OF PROJECT = 277 FEET (0.053 MILES)

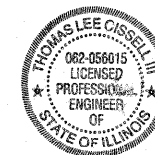


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED May 10, 2011 (Date)
Kevin Sullivan, Mayor (Signature)
Local Agency, Position

PASSED 6-6-11 (Date)
Paul M. C.M. (Signature)
DISTRICT 8 PROJECT IMPLEMENTATION ENGINEER

RELEASING FOR BID
BASED ON LIMITED
REVIEW 6-6-11 (Date)
Mary C. Lewis (Signature)
Deputy Director of Highways, Region # 5 Engineer



Thomas Lee Cissell III DATE: 5/13/11
THOMAS LEE CISSELL III
IL PE NO.: 062-056015
LICENSE EXPIRES: 11/30/11



GENERAL NOTES

GENERAL

1. THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", PREPARED BY THE DEPARTMENT OF TRANSPORTATION OF THE STATE OF ILLINOIS AND ADOPTED BY SAID DEPARTMENT ON JANUARY 1, 2007, THE "MANUAL OF TEST PROCEDURES FOR MATERIALS" IN EFFECT OF THE DATE OF THE INVITATION FOR BIDS SHALL APPLY TO AND GOVERN THE CONSTRUCTION OF THE PROPOSED IMPROVEMENT.
2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
3. THE CONTRACTOR SHALL STAGE ALL WORK IN SUCH A WAY AS TO MAINTAIN INGRESS AND EGRESS TO ALL ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION. A QUANTITY FOR AGGREGATE FOR TEMPORARY ACCESS IS INCLUDED FOR THIS PURPOSE.

UTILITIES

1. UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS. THEIR LOCATIONS MUST BE CONSIDERED TO BE APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO. ILLINOIS LAW REQUIRES A MINIMUM 48-HOUR NOTICE TO ALL UTILITY COMPANIES BEFORE DIGGING. FIELD LOCATIONS OF UNDERGROUND FACILITIES MAY BE OBTAINED BY CALLING THE J.U.L.I.E. SYSTEM AT 1-800-892-0123 AND PROVIDING 48 HOURS ADVANCE NOTICE. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT LIMITS ARE LISTED BELOW.
2. ALL ROADSIDE OBJECTS (UTILITY POLES, FIRE HYDRANTS, SIGNS, ETC.) SHALL BE RELOCATED TO PROVIDE A MINIMUM OF 1.5 FEET CLEARANCE, MEASURED FROM THE FACE OF CURB TO THE NEAR EDGE OF THE OBJECT.
3. THE FOLLOWING UTILITY COMPANIES MAY HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION WHICH MAY REQUIRE ADJUSTMENT, RELOCATION OR REMOVAL.

AMEREN IP (GAS & ELECTRIC)
1050 WEST BOULEVARD
BELLEVILLE, IL 62221
(618) 346-1287

HARRISON TELEPHONE CO. (TELEPHONE)
213 SOUTH MAIN
WATERLOO, IL 62298
(618) 939-9256

CHARTER COMMUNICATIONS (CABLE TV)
815 CHARTER COMMONS
TOWN & COUNTRY, MO 63017
(618) 387-6650

CITY OF COLUMBIA (SEWER & WATER)
110 WEST SAND BANK ROAD
COLUMBIA, IL 62236
(618) 281-4264

THE ABOVE INFORMATION REPRESENTS THE BEST INFORMATION AVAILABLE TO THE LOCAL AGENCY AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR HAS TAKEN THE FOREGOING INTO CONSIDERATION IN PREPARING HIS/HER BID, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY DELAYS OR INCONVENIENCE CAUSED BY SAME.

4. THE CONTRACTOR SHALL ADJUST WATER VALVES, MANHOLES, GAS VALVES AND OTHER ITEMS LOCATED WITHIN THE EXISTING ROADWAY AND SIDEWALK TO MATCH THE PROPOSED ROADWAY AND/OR SIDEWALK SURFACE. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

REMOVAL AND RESTORATION

1. THE CONTRACTOR SHALL PROVIDE BLOCKOUTS IN THE PROPOSED SIDEWALK FOR PLACEMENT OF SIGN POSTS AND MAILBOX SUPPORTS, AS DIRECTED BY THE ENGINEER.

3. THE CONTRACTOR SHALL CONFINE ALL OPERATIONS TO THE AREA LOCATED WITHIN THE CONSTRUCTION LIMITS AS SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION. ALL EARTH SURFACES DISTURBED BY CONSTRUCTION, INCLUDING THOSE OUTSIDE THE CONSTRUCTION LIMITS, SHALL BE FERTILIZED, GRADED, SEEDED AND MULCHED. AREAS OUTSIDE THE CONSTRUCTION LIMITS SHALL BE RESTORED AT THE CONTRACTOR'S EXPENSE. SEE THE SPECIAL PROVISIONS FOR MORE INFORMATION ON RESTORATION.
5. PAVEMENT, SIDEWALK AND CURB REMOVAL INCLUDES THE REMOVAL OF THE EXISTING AGGREGATE BASE NECESSARY TO GRADE FOR AND CONSTRUCT THE PROPOSED IMPROVEMENTS. SURPLUS AND/OR UNSUITABLE MATERIAL SHALL BE DISPOSED OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
6. THE CONTRACTOR SHALL NOTE THE LOCATION OF ALL MANHOLE, METER AND VALVE VAULT FRAMES AND LIDS LOCATED WITHIN THE CONSTRUCTION LIMITS. APPROPRIATE CARE SHALL BE TAKEN TO PROTECT THESE ITEMS DURING REMOVAL OPERATIONS.
7. THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURES ARE PLACED.
9. ALL EXISTING FEATURES SUCH AS PAVEMENT, CURB, SIDEWALK, DRIVEWAY PAVEMENT, ROADWAY PAVEMENT, ETC. WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR UNLESS NOTED OTHERWISE ON THE PLANS. ALL MISCELLANEOUS FEATURES WHICH ARE TO BE REMOVED AND FOR WHICH THERE IS NO SPECIFIC PAY ITEM, WILL NOT BE MEASURED SEPARATELY FOR PAYMENT. THE COST OF THIS REMOVAL WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE VARIOUS REMOVAL ITEMS INCLUDED IN THE CONTRACT.
11. THE CONTRACTOR SHALL MATCH PROPOSED IMPROVEMENTS INTO EXISTING CONDITIONS, INCLUDING MINOR GRADING AND PATCHING AT NO ADDITIONAL COST TO THE CONTRACT.
12. THE CONTRACTOR SHALL NOT REMOVE ANY CURB OR SIDEWALK THAT CANNOT BE RECONSTRUCTED WITHIN FIVE CALENDAR DAYS. ACCESS TO ALL BUSINESSES AND RESIDENCES SHALL BE MAINTAINED AT ALL TIMES EXCEPT DURING CONCRETE PLACEMENT. THE CONTRACTOR SHALL CONTACT BUSINESS OWNERS AND RESIDENTS 48 HOURS PRIOR TO CONSTRUCTION ADJACENT TO THEIR AFFECTED PROPERTIES.

PAVEMENT AND SIDEWALK

1. THE CONTRACTOR SHALL CONTACT THE ENGINEER UPON COMPLETION OF THE SUBGRADE AND PRIOR TO CONSTRUCTION OF THE AGGREGATE BASE COURSE PLACEMENT TO DETERMINE THE NECESSITY OF THE PROPOSED SUBGRADE IMPROVEMENTS.
2. HIGH EARLY STRENGTH CONCRETE MIX SHALL BE USED FOR THE CONSTRUCTION OF PCC ENTRANCES. THE COST OF HIGH EARLY STRENGTH CONCRETE MIX SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE BID FOR PCC DRIVEWAY PAVEMENT, 6 INCH.
3. AT VARIOUS LOCATIONS, IT MAY BE NECESSARY TO TRANSITION PROPOSED COMBINATION CURB AND GUTTER TO MEET EXISTING CURBS OR GUTTERS. THE MINIMUM LENGTH OF TRANSITIONAL COMBINATION CURB AND GUTTER SHALL BE 10 FEET, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
4. THE PAVEMENT MARKING LOCATIONS SHOWN IN THE PLANS ARE APPROXIMATE AND SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER, IF NECESSARY, TO MATCH FIELD CONDITIONS.

MISC

1. SEE THE SPECIAL PROVISIONS FOR OTHER INCLUDED CONSTRUCTION ITEMS AND OPERATIONS WHICH ARE TO BE INCLUDED WITH AND PAID FOR UNDER CERTAIN SPECIFICATION PAY ITEMS.
2. EXCAVATIONS SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH APPROPRIATE LIGHTS.
3. ALL METALS AND COATINGS USED IN CONSTRUCTION FOR THE POLES, DOORS, FRAME AND GRATES, ETC. SHALL BE AMERICAN-MADE PER POLICY.

3. CARE SHALL BE TAKEN TO AVOID PROPOSED ELECTRICAL CONDUIT CONFLICTS WITH OTHER PROPOSED WORK. IF THE PROPOSED ELECTRICAL CONDUIT CONFLICTS WITH OTHER PROPOSED WORK, SUCH AS SIGN POST FOUNDATIONS, OR CONCRETE CURB, ETC., IT SHALL BE REMOVED AND RESET AT THE CONTRACTOR'S EXPENSE.
4. THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL TO PROTECT LOCAL TRAFFIC IN ACCORDANCE WITH APPROPRIATE IDOT HIGHWAY STANDARDS FOR ALL WORK ALONG ROADWAYS.
5. THE FOLLOWING ITEMS ARE APPROXIMATE QUANTITIES AND ARE INCLUDED IN THE "SCHEDULE OF PRICES" IN ORDER TO ESTABLISH A UNIT COST FOR WORK WHICH MAY BE REQUIRED TO CONSTRUCT THIS SECTION. THE ACTUAL QUANTITY OF EACH ITEM SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

EARTH EXCAVATION (SPECIAL)	130	CU YD
AGGREGATE FOR TEMPORARY ACCESS	50	TON
LOCATING UNDERGROUND CABLE	100	FT

6. THE FOLLOWING ABBREVIATIONS ARE USED IN THE PLANS AND SUPPLEMENT HIGHWAY STANDARD 000001.

BO	BY OTHERS (USED IN CONJUNCTION WITH TBA, & TBR)
CMU	CONCRETE MASONRY UNIT
CONSTR	CONSTRUCTION
CP	CONTROL POINT
ESMT	EASEMENT
INCL	INCLUDED
ME	MATCH EXISTING
PKG	PARKING
PE	PERMANENT EASEMENT
N/F	NOW AND FORMERLY
O/C	OIL AND CHIP
PERM	PERMANENT
PVC	POLYVINYL CHLORIDE PIPE
TCE	TEMPORARY CONSTRUCTION EASEMENT
TBA	TO BE ADJUSTED
TBR	TO BE REMOVED
TH	THICK
TYP	TYPICAL
W	WIDTH
Ø	DIAMETER

COMMITMENTS

1. PARCEL NO. 04-15-368-024

CONTRACTOR SHALL MAINTAIN ACCESS TO FRONT DOOR OF BUSINESS AT 128 SOUTH MAIN ST. AT ALL TIMES DURING CONSTRUCTION. CONTACT OWNERS RANDALL PRIOR & LORI PRIOR IN ADVANCE OF ANY WORK THAT DISTURBS THIS ACCESS. PHONE 618-939-1843.

2. PARCEL NO. 04-15-368-025

CONTRACTOR SHALL MAINTAIN ACCESS TO PARKING LOT AT 134 SOUTH MAIN ST. AT ALL TIMES DURING CONSTRUCTION. CONTACT OWNERS MICHAEL BUDDE & VIVIAN BUDDE IN ADVANCE OF ANY WORK THAT DISTURBS THIS ACCESS. PHONE 618-281-5135. EXISTING LANDSCAPING SHALL BE RESTORED UPON COMPLETION OF THE PROJECT.

3. PARCEL NO. 04-15-368-026

CONTRACTOR SHALL PROTECT AND PRESERVE THE EXISTING ORNAMENTAL FENCE & GATE AT 140 SOUTH MAIN ST.

4. PARCEL NO. 04-15-370-010

CONTRACTOR SHALL MAINTAIN ACCESS TO FRONT AND SIDE DOORS AT 123 SOUTH MAIN ST. AT ALL TIMES DURING CONSTRUCTION. CONTACT OWNER RANDALL ECKERT IN ADVANCE OF ANY WORK THAT DISTURBS THIS ACCESS. PHONE 618-476-3037.

FILE NAME = H:\P125040\DWG\PHASE 1\25040 - GENERAL NOTES.DWG	USER NAME = ASHLEIGH ENGELMANN	DESIGNED - SLW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 4 1/8" = 1'	DRAWN - SLW	REVISED -					9302	06-00045-00-SW	MONROE	24	2
	PLOT DATE = 2011-05-10	CHECKED - TLC	REVISED -					CONTRACT NO. 97468				
	DATE = 2010-06-11	DATE = 2010-06-11	REVISED -					COLUMBIA	ILLINOIS	FED. AID PROJECT		
				SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.					

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION	LIGHTING
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	123	123	
S 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	15	15	
S 28000500	INLET AND PIPE PROTECTION	EACH	4	4	
31100300	SUBBASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	347	347	
31102712	SUBBASE GRANULAR MATERIAL, TYPE C 12"	SQ YD	162	162	
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	50	50	
S 40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	0.7	1	
S 42000200	PORTLAND CEMENT CONCRETE PAVEMENT 7"	SQ YD	347	347	
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	38	38	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	4,574	4,574	
S 42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	537	537	
S 42400800	DETECTABLE WARNINGS	SQ FT	76	76	
44000100	PAVEMENT REMOVAL	SQ YD	624	624	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	38	38	
44000300	CURB REMOVAL	FOOT	327	327	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	213	213	
44000600	SIDEWALK REMOVAL	SQ FT	4,044	4,044	
S 60100915	PIPE DRAINS 6"	FOOT	22	22	
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1	
S 60265700	VALVE VAULTS TO BE ADJUSTED	EACH	4	4	
S 60600605	CONCRETE CURB, TYPE B	FOOT	677	677	
67100100	MOBILIZATION	L SUM	1	1	
72000100	SIGN PANEL - TYPE 1	SQ FT	26.25	26	
S 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	48	48	
78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	212	212	
78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	309	309	
78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	40	40	
78300100	PAVEMENT MARKING REMOVAL	SQ FT	21	21	
* 81012300	CONDUIT IN TRENCH, 1" DIA., PVC	FOOT	221		221
* 81012500	CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	375		375
* 81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	564		564
* S 81021320	CONDUIT PUSHED, 1 1/2" DIA., PVC	FOOT	535		535
* S 81021330	CONDUIT PUSHED, 2" DIA., PVC	FOOT	1,128		1,128
* 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	3,992		3,992
* 81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	1,857		1,857

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION	LIGHTING
* 81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	1,632		1,632
* 81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	2,466		2,466
* 81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	770		770
* S B2001620	TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 2-1/2" CALIPER TREE FORM,	EACH	4	4	
* S K0012970	PERENNIAL PLANTS, BULB TYPE	UNIT	0.50	1	
* S K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	0.35	0	
* S K1005481	SHREDDED BARK MULCH 3"	SQ YD	123	123	
S X0301115	LANDSCAPE EDGING	FOOT	64	64	
* S X0321766	LIGHT POLE, SPECIAL (DECORATIVE ORNAMENTAL)	EACH	2		2
S X0323117	LANDSCAPING GRAVEL	SQ YD	39	39	
S X0323256	REMOVE AND RELOCATE FLAGPOLE	EACH	1	1	
S X0325153	MASONRY CLEANING AND TUCKPOINTING	SQ YD	10	10	
S X0326693	MAINTENANCE ENCLOSURE	L SUM	1	1	
S X0326859	PAVEMENT IMPRINTING	SQ YD	101	101	
* S X0327018	DECORATIVE SIGN POST	EACH	3	3	
* S X0327041	DECORATIVE LIGHT AND POLE - TYPE SA	EACH	4		4
* S X0327042	DECORATIVE LIGHT AND POLE - TYPE SB	EACH	4		4
* S X0539700	TREE FRAME AND GRATE	EACH	1	1	
S X0540000	BRICK PAVERS	SQ FT	970	970	
S X2020410	EARTH EXCAVATION (SPECIAL)	CU YD	130	130	
S X6024242	INLETS, SPECIAL, NO. 1	EACH	3	3	
S X6024244	INLETS, SPECIAL, NO. 2	EACH	5	5	
S X6026634	METER VAULTS TO BE ADJUSTED	EACH	4	4	
S X6060505	CONCRETE CURB (SPECIAL)	FOOT	329	329	
S X6061005	CONCRETE CURB, TYPE B (SPECIAL)	FOOT	193	193	
S X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	1	
S X7200105	SIGN PANEL - TYPE 1 (SPECIAL)	SQ FT	24	24	
* S X8040102	ELECTRIC SERVICE INSTALLATION, SPECIAL	EACH	1		1
* S X8360110	LIGHT POLE FOUNDATION, SPECIAL	FOOT	80		80
* S X8360120	LIGHT POLE FOUNDATION, SPECIAL	EACH	6		
* S XX004533	SOIL PLANTING MIXTURE	CU YD	91	91	
* S XX007304	DECORATIVE POLES - 10FT	EACH	4		4
S Z0004002	BOLLARDS	EACH	1	1	
S Z0012455	CONCRETE STEP REMOVAL	EACH	1	1	
* S A3005212	TREE ZELKOVA SERRATA 'GREEN VASE' (GREEN VASE ZELKOVA), 2 1/2" CALIPER, BALLED AND BURLAPPED	EACH	1	1	

* SPECIALTY ITEM
S SEE PROJECT SPECIFIC SPECIAL PROVISION

PAVEMENT SCHEDULE

STATION	STATION	OFFSET	SUB GRAN MAT A 4 (SQ YD)	PCC PVT 7 (SQ YD)	PAVEMENT REM (SQ YD)
22+29.00	25+06.39	RT			223
22+29.00	25+06.39	LT			103
CEDAR		RT	118	118	101
CHERRY		RT	90	90	77
CHERRY		LT	87	87	74
MAIN	24+14		25	25	22
MAIN	24+69		27	27	24
TOTAL			347	347	624

CURB & GUTTER SCHEDULE

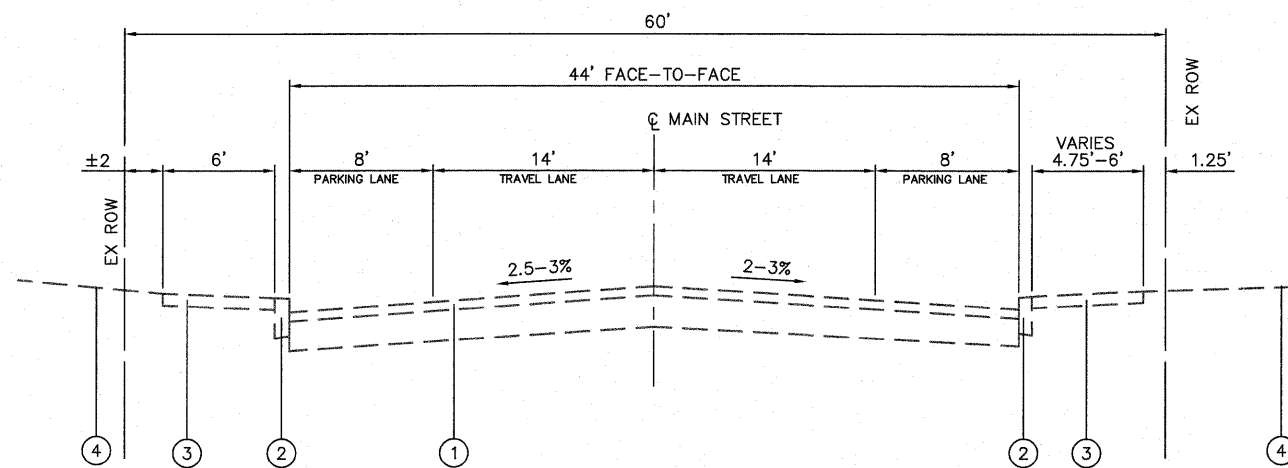
STATION	STATION	OFFSET	CURB REM (FOOT)	COMB CURB GUTTER REM (FOOT)	CONC CURB TB (FOOT)
22+29.00	25+06.39	RT	166	123	318
22+29.00	25+06.39	LT	161	90	297
TOTAL			327	213	615

EROSION CONTROL SCHEDULE

STATION	STATION	OFFSET	TEMP EROS CONTR SEED (NOTE 1) (POUND)	INLET & PIPE PROTECTION (EACH)
22+29.00	25+06.39	RT	14	
22+29.00	25+06.39	LT	1	
24+25		LT		1
24+68		LT		1
22+62		RT		1
24+67		RT		1
TOTAL			15	4

EROSION CONTROL NOTES

1. THE QUANTITY FOR TEMPORARY EROSION CONTROL SEEDING ASSUMES TWO SEPARATE APPLICATIONS AT A RATE OF 100 LBS/ACRE PER APPLICATION. THE CONTRACTOR SHALL APPLY AS NECESSARY AND AS DIRECTED BY THE ENGINEER IN THE FIELD.

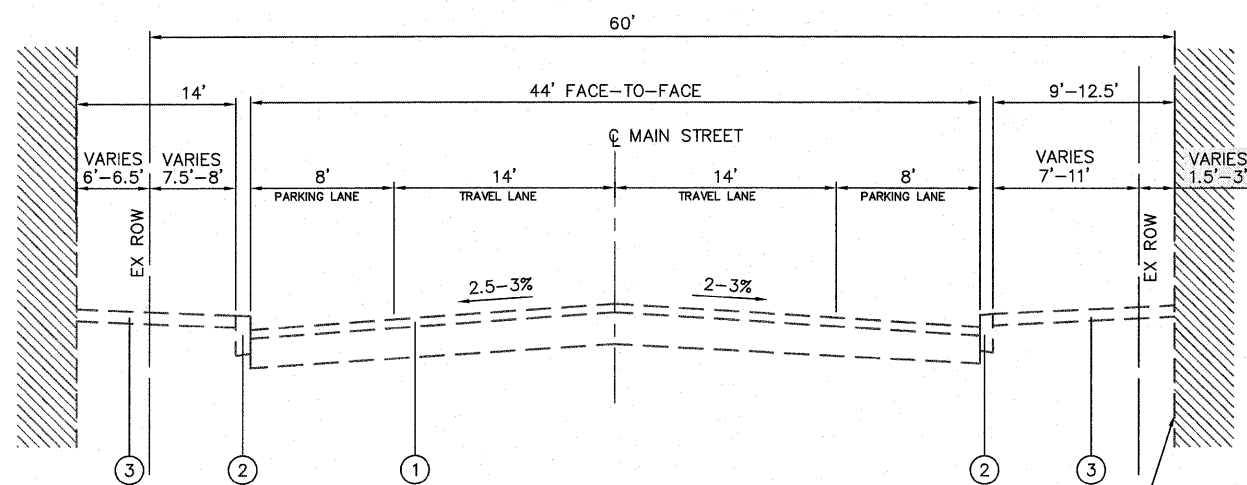


EXISTING TYPICAL SECTION

STA 22+96.03 TO STA 25+06.39
(NOT TO SCALE)

LEGEND

- ① EXISTING HOT-MIX ASPHALT ROADWAY, 2-1/4" ON 7" PCC BASE
- ② EXISTING CONCRETE CURB TYPE B
- ③ EXISTING PORTLAND CEMENT CONCRETE SIDEWALK
- ④ EXISTING LAWN AREA



EXISTING TYPICAL SECTION

STA 22+29.00 TO STA 22+96.03
(NOT TO SCALE)

EXISTING STORE FRONT (TYP)

FILE NAME = H:\PI\25040\DWG\PHASE 1\25040 - TYPICAL SECTIONS.DWG

USER NAME = ASHLEIGH ENGELMANN

DESIGNED - SLW

REVISED -

DRAWN - SLW

REVISED -

PLOT SCALE = 4 1/8" = 1'

CHECKED - TLC

REVISED -

PLOT DATE = 2011-05-10

DATE - 2010-06-11

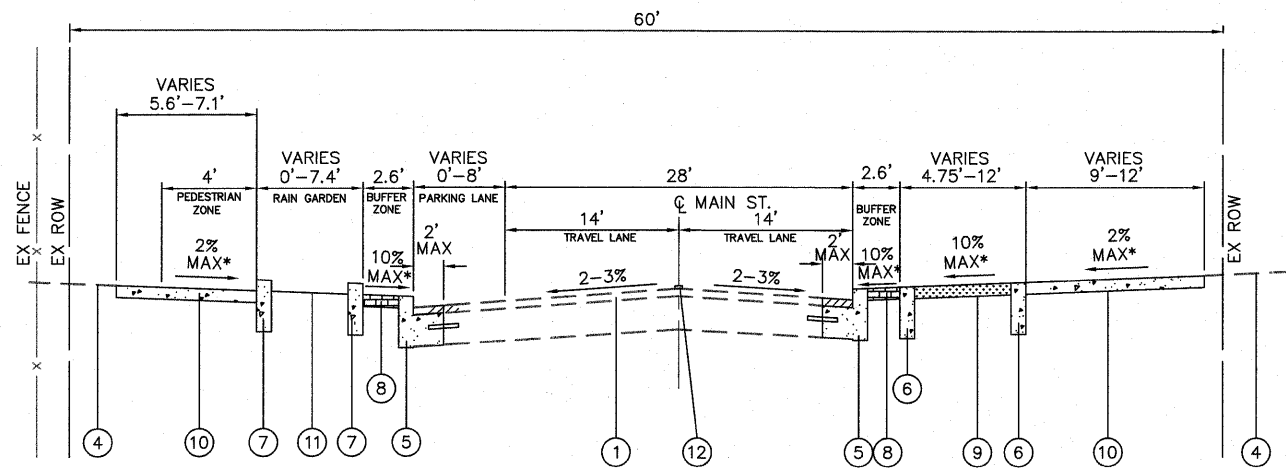
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

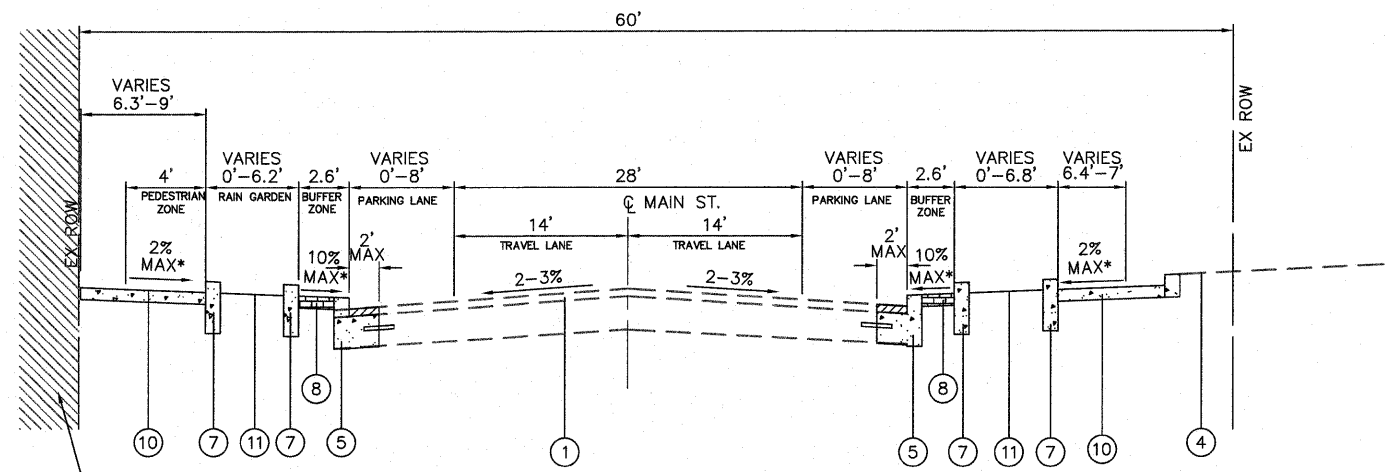
EXISTING TYPICAL SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9302	06-00045-00-SW	MONROE	24	5
CONTRACT NO. 97468				
COLUMBIA ILLINOIS FED. AID PROJECT				

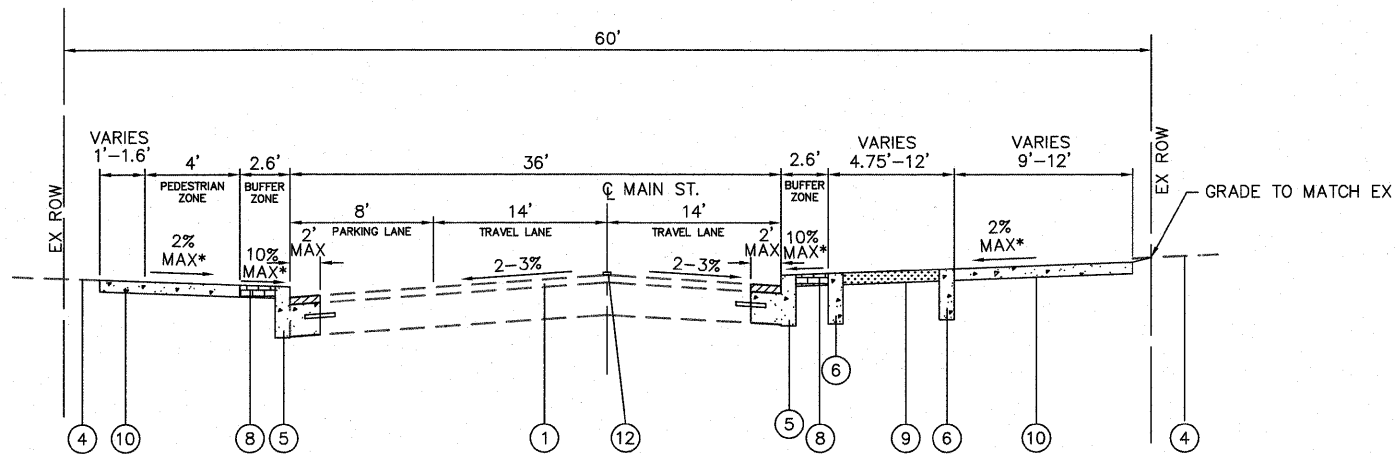
SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.



PROPOSED TYPICAL SECTION
 STA 23+91.49 TO STA 24+45.33
 (NOT TO SCALE) * SEE CROSS SECTIONS

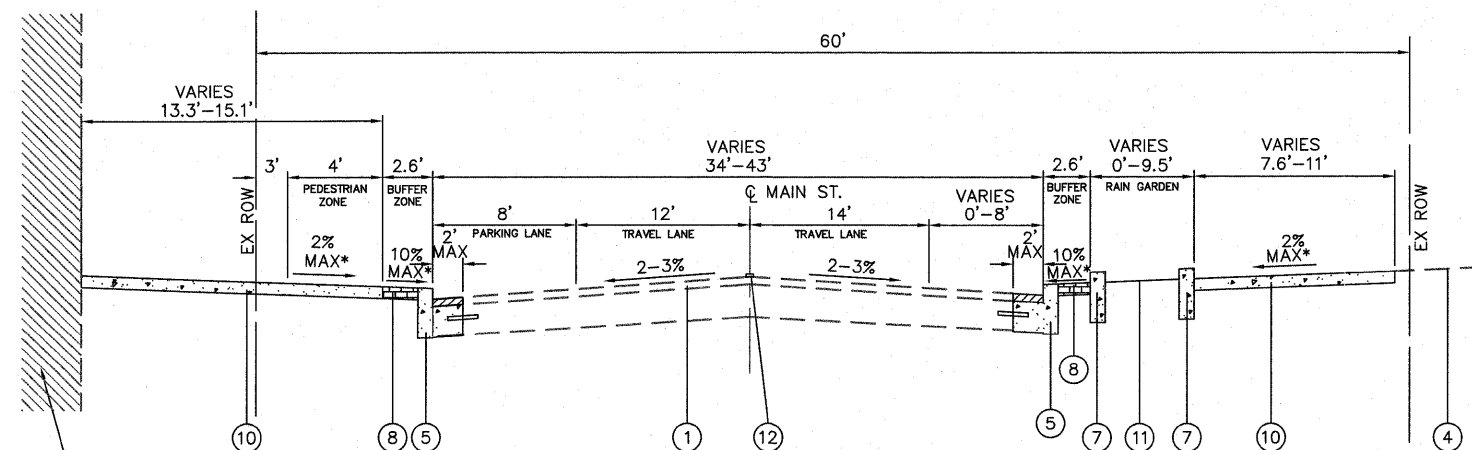


PROPOSED TYPICAL SECTION
 STA 24+45.33 TO STA 25+06.39
 (NOT TO SCALE) * SEE CROSS SECTIONS



PROPOSED TYPICAL SECTION
 STA 23+03.37 TO STA 23+91.49
 (NOT TO SCALE) * SEE CROSS SECTIONS

INCIDENTAL HMA MIX DESIGN	
AC/PG	PG 64-22
RAP % (MAX)	10%
DESIGN AIR VOIDS	4% @ Ndes = 70
MIXTURE COMPOSITION	IL 9.5
FRICTION AGGREGATE	MIXTURE C



PROPOSED TYPICAL SECTION
 STA 22+29.00 TO STA 23+03.37
 (NOT TO SCALE) * SEE CROSS SECTIONS

LEGEND

- ① EXISTING HOT-MIX ASPHALT ROADWAY, 2-1/4"
- ② EXISTING CONCRETE CURB TYPE B
- ③ EXISTING PORTLAND CEMENT CONCRETE SIDEWALK
- ④ EXISTING LAWN AREA
- ⑤ PROPOSED CONCRETE CURB TYPE B (HIGHWAY STANDARD 606001). PAY ITEM INCLUDES EPOXY COATED TIE BARS, VARIABLE WIDTH 10" DEEP PCC WIDENING, AND INCIDENTAL HMA SURFACING 2" NECESSARY TO RESTORE ADJACENT PAVEMENT. THESE ITEMS SHALL BE INCLUDED IN THE UNIT PRICE FOR CONCRETE CURB TYPE B.
- ⑥ PROPOSED CONCRETE CURB TYPE B 33" (SPECIAL)
- ⑦ PROPOSED CONCRETE CURB TYPE B 47" (SPECIAL)
- ⑧ PROPOSED BRICK PAVERS
- ⑨ PROPOSED LANDSCAPING AREA
- ⑩ PROPOSED PCC SIDEWALK, 4"
- ⑪ PROPOSED RAIN GARDEN AREA
- ⑫ PROPOSED POLYUREA PAVEMENT MARKING LINE

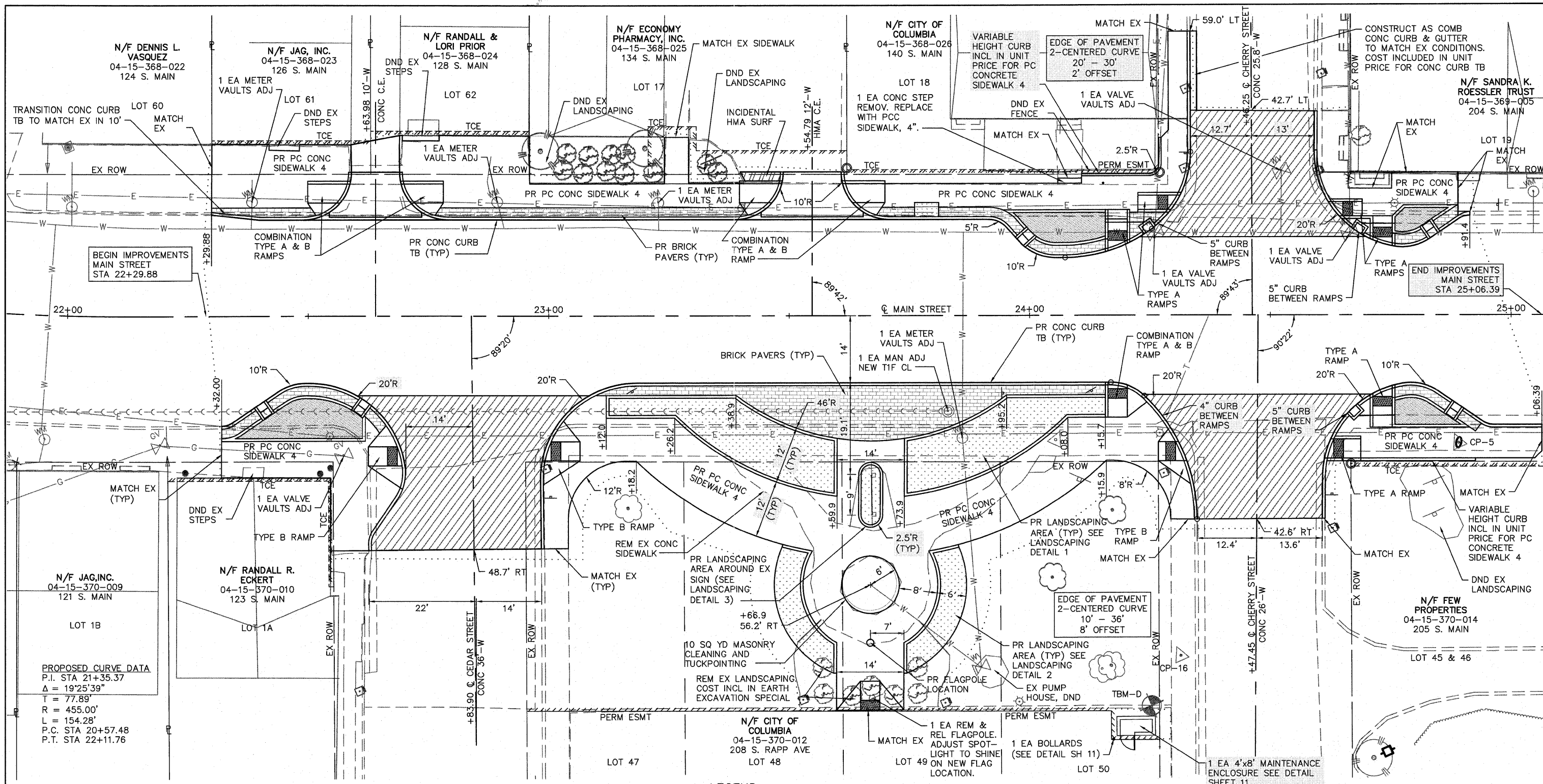
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	PLOT DATE = 2011-05-10	CHECKED - TLC	REVISED -
		DATE - 2010-08-11	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE. 9302	SECTION 06-00045-00-SW	COUNTY MONROE	TOTAL SHEETS 24	SHEET NO. 6
COLUMBIA ILLINOIS FED. AID PROJECT			CONTRACT NO. 97468	



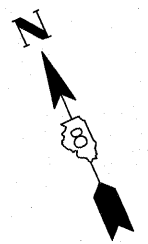
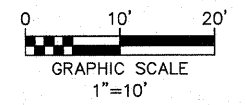
PROPOSED CURVE DATA
 P.I. STA 21+35.37
 $\Delta = 19^\circ 25' 39''$
 $T = 77.89'$
 $R = 455.00'$
 $L = 154.28'$
 P.C. STA 20+57.48
 P.T. STA 22+11.76

CP #5 - PK NAIL
 N: 646453.71
 E: 2287553.73
 EL: 517.14

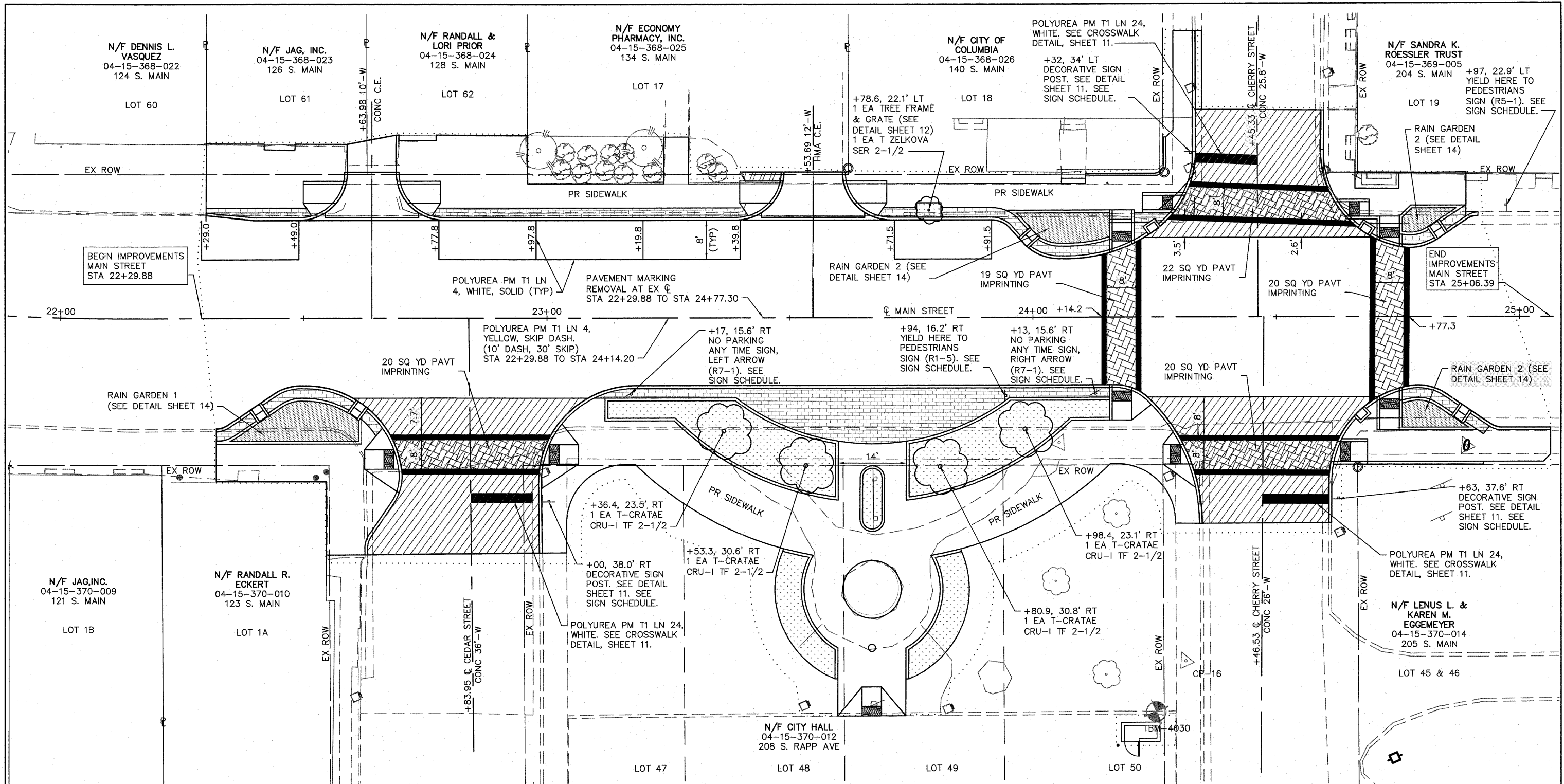
BM "D"
 CUT ON CURB 75' +/- OF W. CHERRY AT
 CITY HALL PARKING LOT
 STA: 24+25.39
 OS: 81.61 RT
 EL: 517.53

CP #16 - PK NAIL
 N: 646436.09
 E: 2287483.08
 EL: 516.97

- LEGEND**
- PR PORTLAND CEMENT CONCRETE PAVEMENT 7" (SEE PCC PAVEMENT DETAIL SHEET 16)
 - PR LANDSCAPE AREA (SEE DETAIL SHEET 13)
 - PR BRICK PAVER AREA (SEE DETAIL SHEET 16)
 - PR DETECTABLE WARNING PANEL
 - PR RAIN GARDEN AREA SEE DETAIL SHEET 14)
 - PR INCIDENTAL HMA SURFACING
 - CONSTRUCTION LIMITS



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	PLOT SCALE = 4.41/64" = 1"	CHECKED - TLC	REVISED -			SCALE:	SHEET NO. 1 OF 1 SHEETS	STA. 22+29.00 TO STA. 25+06.39	CONTRACT NO. 97468	
PLOT DATE = 2011-05-12	DATE = 2010-08-11	REVISED -		COLUMBIA ILLINOIS FED. AID PROJECT						

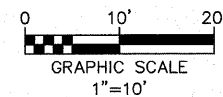


BEGIN IMPROVEMENTS
MAIN STREET
STA 22+29.88

END IMPROVEMENTS
MAIN STREET
STA 25+06.39

LEGEND

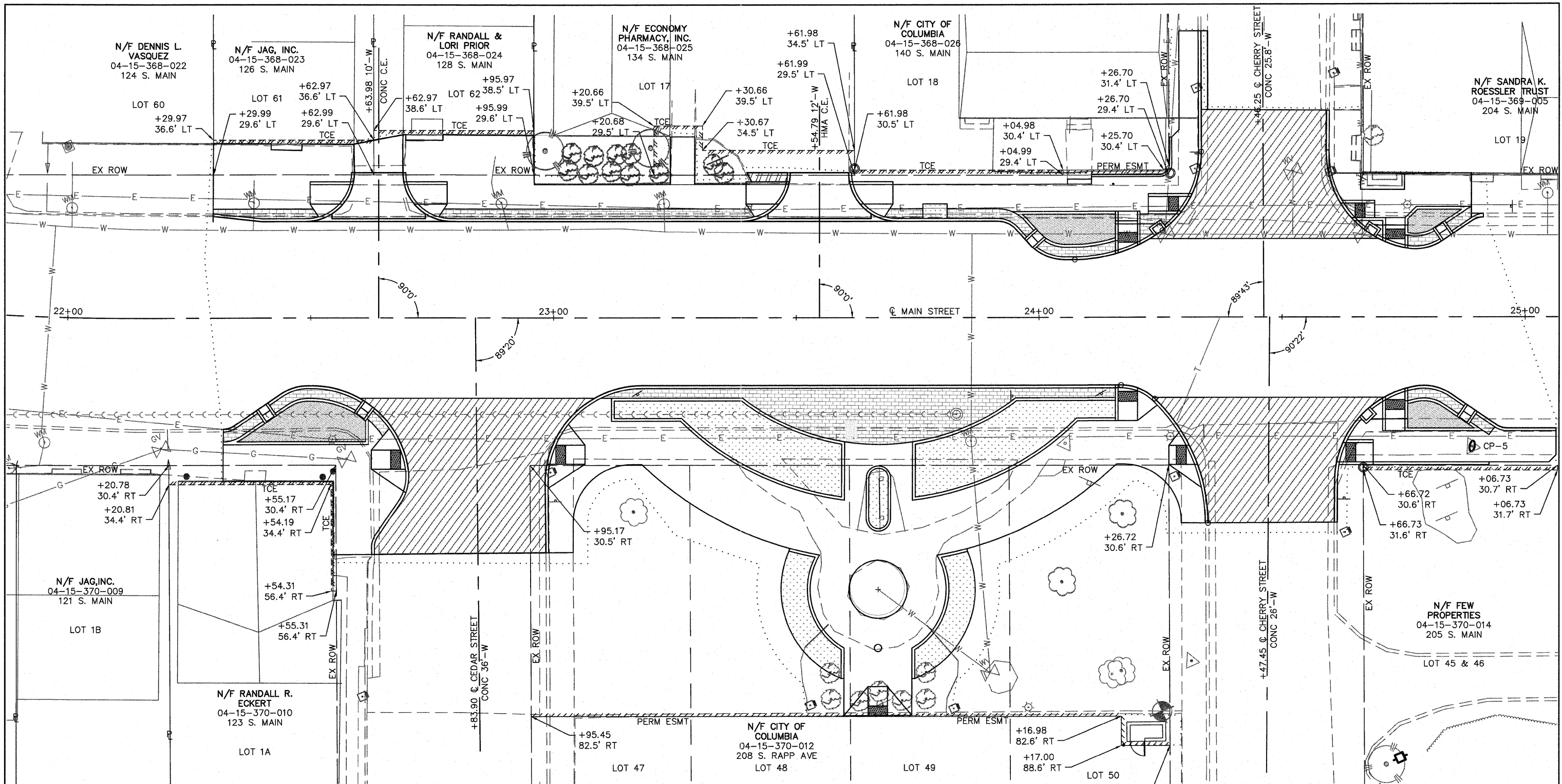
- PR PORTLAND CEMENT CONCRETE PAVEMENT 7" (SEE PCC PAVEMENT DETAIL SHEET 15)
- PR LANDSCAPE AREA (SEE DETAIL SHEET 13)
- PR BRICK PAVER AREA (SEE DETAIL SHEET 11)
- PR DETECTABLE WARNING PANEL
- PR RAIN GARDEN AREA SEE DETAIL SHEET 14)
- PR INCIDENTAL HMA SURFACING
- CONSTRUCTION LIMITS
- PR PAVEMENT IMPRINTING



CP #16 - PK NAIL
N: 646436.09
E: 2287483.08
EL: 516.97

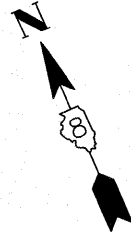
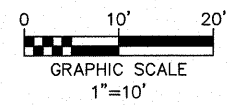
BM "D"
CUT ON CURB 75' +/- OF W. CHERRY AT
CITY HALL PARKING LOT
STA: 24+25.39
OS: 81.61 RT
EL: 517.53

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	PLOT SCALE = 4 1/4" = 1'	CHECKED - TLC	REVISIED -			SCALE:	SHEET NO. 1 OF 1 SHEETS	STA. 22+29.00 TO STA. 25+06.39	CONTRACT NO. 97468	
PLOT DATE = 2011-05-12	DATE = 2010-06-11	REVISIED -				COLUMBIA ILLINOIS FED. AID PROJECT				



LEGEND

- PR PORTLAND CEMENT CONCRETE PAVEMENT 7" (SEE PCC PAVEMENT DETAIL SHEET 16)
- PR LANDSCAPE AREA (SEE DETAIL SHEET 13)
- PR BRICK PAVER AREA (SEE DETAIL SHEET 16)
- PR DETECTABLE WARNING PANEL
- PR RAIN GARDEN AREA SEE DETAIL SHEET 14)
- PR INCIDENTAL HMA SURFACING
- CONSTRUCTION LIMITS



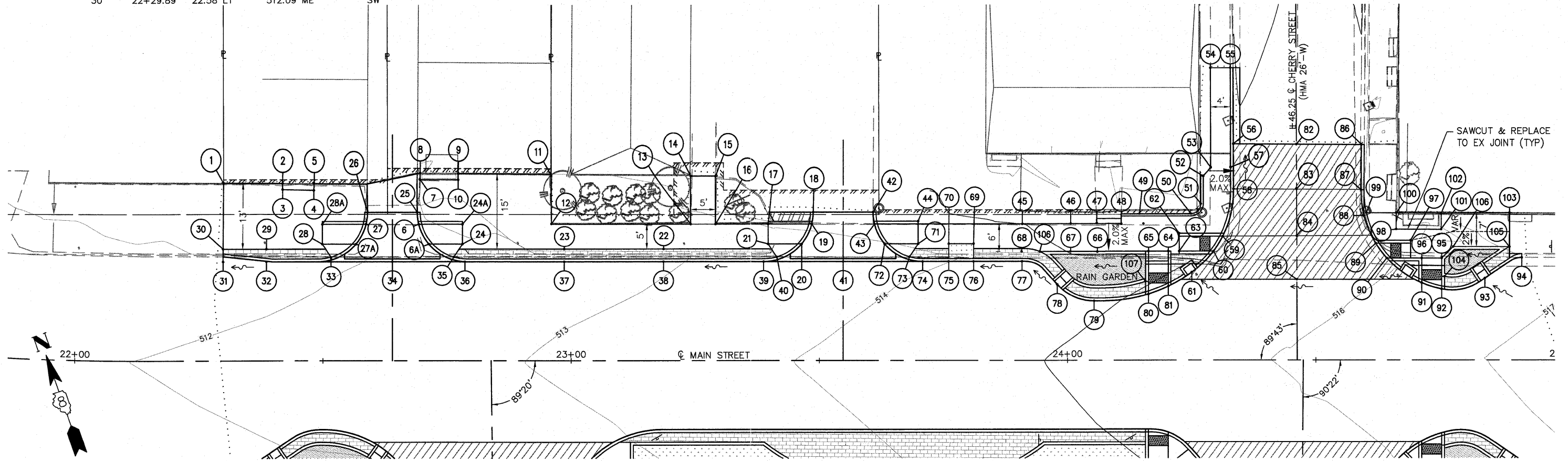
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		DRAWN - SLW	REVISED -
		CHECKED - TLC	REVISED -
		DATE - 2010-05-12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

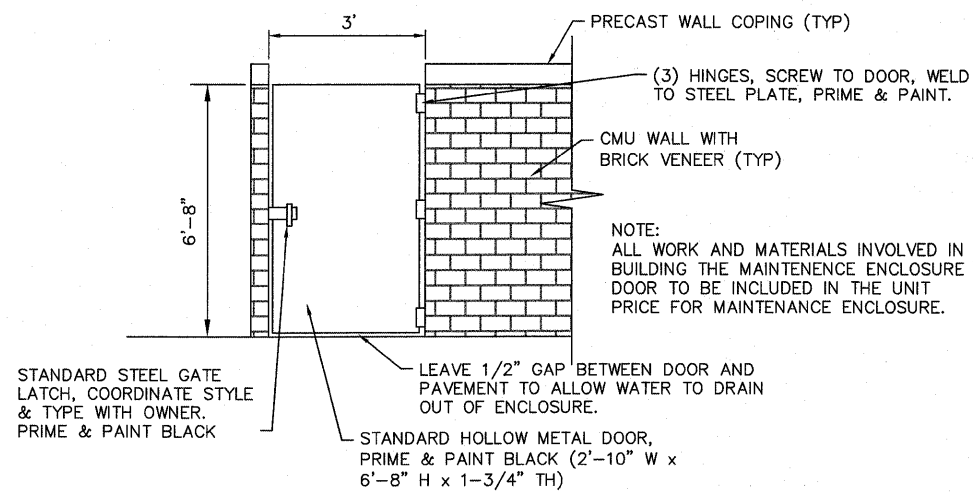
RIGHT OF WAY PLAN		
SCALE:	SHEET NO. 1 OF 1 SHEETS	STA. 22+28.00 TO STA. 25+06.39

F.A.U. RTE. 9302	SECTION 06-00045-00-SW	COUNTY MONROE	TOTAL SHEETS 24	SHEET NO. 9
COLUMBIA ILLINOIS FED. AID PROJECT				
CONTRACT NO. 97468				

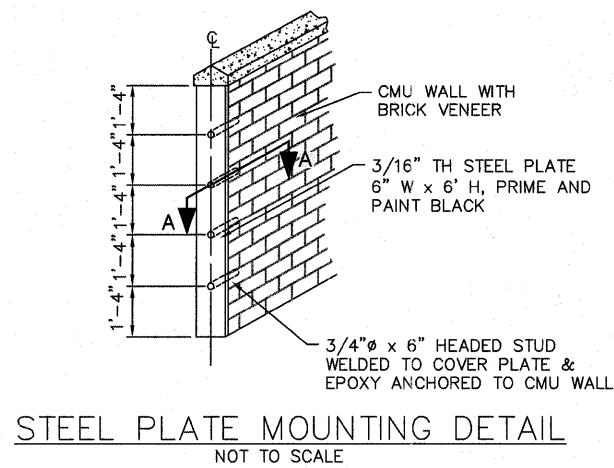
PT. NO.	STATION	OFFSET	ELEVATION	LOCATION	PT. NO.	STATION	OFFSET	ELEVATION	LOCATION	PT. NO.	STATION	OFFSET	ELEVATION	LOCATION	PT. NO.	STATION	OFFSET	ELEVATION	LOCATION
1	22+29.97	35.95	512.42	ME SW	31	22+29.88	20.00	511.58	ME EOP	61	24+25.00	17.71	515.00	EOP (LOW POINT)	91	24+71.30	15.57	516.26	ME-EOP-BC
2	22+41.85	35.88	513.01-512.46	ME STEP-SW	32	22+38.60	20.00	511.66	ME EOP	62	24+22.49	25.00	515.56	SW	92	24+75.30	14.35	516.38	LT EOP
3	22+41.86	34.67	513.03-512.54	ME STEP-SW	33	22+51.62	20.96	512.35	ME BC	63	24+27.73	22.00	515.50	SW	93	24+84.00	16.52	516.55	LT EOP
4	22+48.15	34.50	513.03-512.65	ME STEP-SW	34	22+63.98	20.00	512.08	ME 512.08	64	24+20.29	22.00	515.54	SW	94	24+91.42	20.71	516.54	LT EOP
5	22+48.22	35.84	513.30-512.62	ME STEP-SW	35	22+76.34	20.96	512.75	ME BC	65	24+16.29	22.00	515.46-515.91	SW-BC	95	24+75.30	20.57	516.73-517.09	LT SW-BC
6	22+69.28	27.58	512.69	ME EOP	36	22+78.60	20.00	512.29	ME EOP	66	24+05.85	22.00	515.19	SW	96	24+71.30	20.57	516.65	LT SW
6A	22+71.31	23.58	512.61	ME EOP	37	22+98.60	20.00	512.59	ME EOP	67	24+00.57	22.58	515.12	SW	97	24+69.05	24.15	516.65	LT SW
7	22+69.54	36.65	513.81-513.08	ME STEP-SW	38	23+18.60	20.00	512.91	ME EOP	68	23+90.81	22.58	514.95	SW	98	24+66.14	26.41	516.57	ME SW
8	22+69.56	37.78	513.80-12.85	ME STEP-SW	39	23+38.77	20.00	513.34	ME EOP	69	23+81.07	23.58	514.7	SW	99	24+60.14	29.74	516.40	LT BC
9	22+77.23	37.74	514.46-13.75	ME STEP-SW	40	23+41.41	20.96	513.88	ME BC	70	23+76.07	23.58	514.6	SW	100	24+66.15	29.70	516.56	ME SW
10	22+77.22	36.57	513.80-13.10	ME STEP-SW	41	23+54.79	20.00	513.65	ME EOP	71	23+69.81	23.58	514.49	SW	101	24+75.17	26.37	516.84	ME SW
11	22+95.85	37.63	513.53	ME SW	42	23+60.80	30.00	514.35	ME EOP	72	23+63.13	23.58	514.15	SW	102	24+75.19	29.59	516.96	ME SW
12	22+96.03	27.66	513.24	ME SW	43	23+61.10	7.58	514.23	ME SW	73	23+68.16	20.96	514.41	ME BC	103	24+88.96	29.76	517.29	ME SW
13	23+24.06	27.58	513.68	ME SW	44	23+69.91	27.58	514.57	ME SW	74	23+70.80	20.00	513.91	ME EOP	104	24+75.88	16.87	516.92-517.09	LT BRICK-BC
14	23+24.06	37.26	514.48	ME SW	45	23+90.81	27.58	515.03	ME SW	75	23+76.07	20.00	513.99	ME EOP	105	24+88.96	22.89	517.05-517.38	LT SW-BC
15	23+29.06	37.26	514.73	ME SW	46	24+00.58	27.58	515.24	ME SW	76	23+81.07	20.00	514.07	ME EOP	106	24+77.62	22.89	516.80-517.09	LT SW-BC
16	23+29.06	27.58	513.86	ME SW	47	24+05.58	27.58	515.30	ME SW	77	23+90.82	20.00	514.26	ME EOP					
17	23+39.63	27.58	514.28	ME SW	48	24+10.77	27.58	515.38	ME SW	78	23+97.84	15.42	514.60	ME EOP					
18	23+48.77	30.00	514.27	ME EOP	49	24+14.47	29.58	515.84-515.56	ME BC-SW	79	24+05.36	12.02	514.89	ME EOP					
19	23+48.48	27.58	513.98	ME SW	50	24+24.83	29.58	515.84-515.63	ME BC-SW	80	24+16.29	13.35	515.04	ME EOP					
20	23+46.44	23.58	513.90	ME SW	51	24+26.83	31.59	515.82-515.62	ME BC-SW	81	24+20.29	14.91	515.04	ME EOP					
21	23+39.67	23.58	513.50	ME SW	52	24+27.31	37.08	515.74	ME SW	82	24+46.04	42.65	515.50	ME CL					
22	23+18.61	22.58	513.60	ME SW	53	24+28.80	38.59	515.62	ME SW	83	24+46.08	34.55	515.47	ME CL					
23	22+98.16	22.58	513.35	ME SW	54	24+28.73	59.00	515.48	ME SW	84	24+46.13	25.08	515.74	ME CL					
24	22+78.09	23.58	512.84	ME SW	55	24+32.73	59.02	515.48	ME SW	85	24+46.17	16.27	515.56	ME CL					
24A	22+78.09	27.58	512.92	ME SW	56	24+33.37	42.72	515.10	ME EOP	86	24+59.14	42.58	515.60	ME EOP					
25	22+68.98	30.00	512.90	ME EOP	57	24+32.80	38.60	515.7	ME BC	87	24+59.09	34.41	515.74	ME EOP					
26	22+58.98	30.00	512.65	ME EOP	58	24+33.39	34.62	515.21	ME EOP	88	24+59.69	29.15	515.84	ME EOP					
27	22+58.68	27.58	512.41	ME EOP	59	24+31.26	25.00	515.11	ME EOP	89	24+62.02	23.57	516.10	ME EOP					
27A	22+56.65	23.58	512.33	ME EOP	60	24+29.40	22.00	515.06	ME EOP	90	24+64.26	20.57	516.18	ME EOP					
28	22+49.88	23.58	512.47	ME SW															
28A	22+49.88	27.58	512.55	ME SW															
29	22+68.60	22.58	512.26	ME SW															
30	22+29.89	22.58	512.09	ME SW															



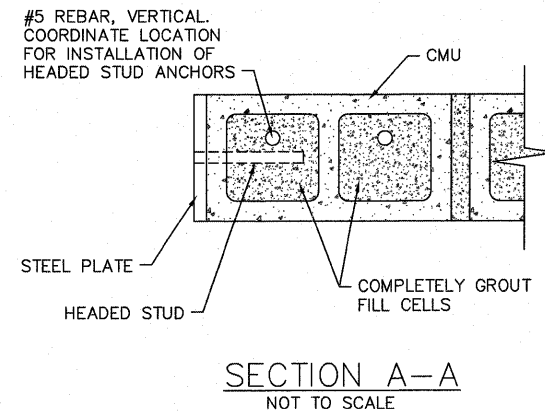
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	PLOT DATE = 2011-05-12	CHECKED - TLC	REVISED -		COLUMBIA ILLINOIS FED. AID PROJECT							
		DATE - 2010-06-11	REVISED -									



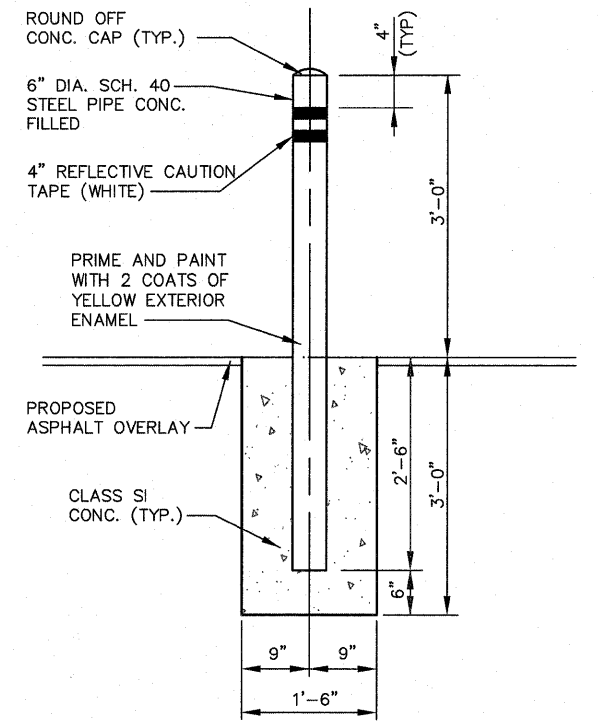
MAINTENANCE ENCLOSURE DOOR DETAIL
NOT TO SCALE



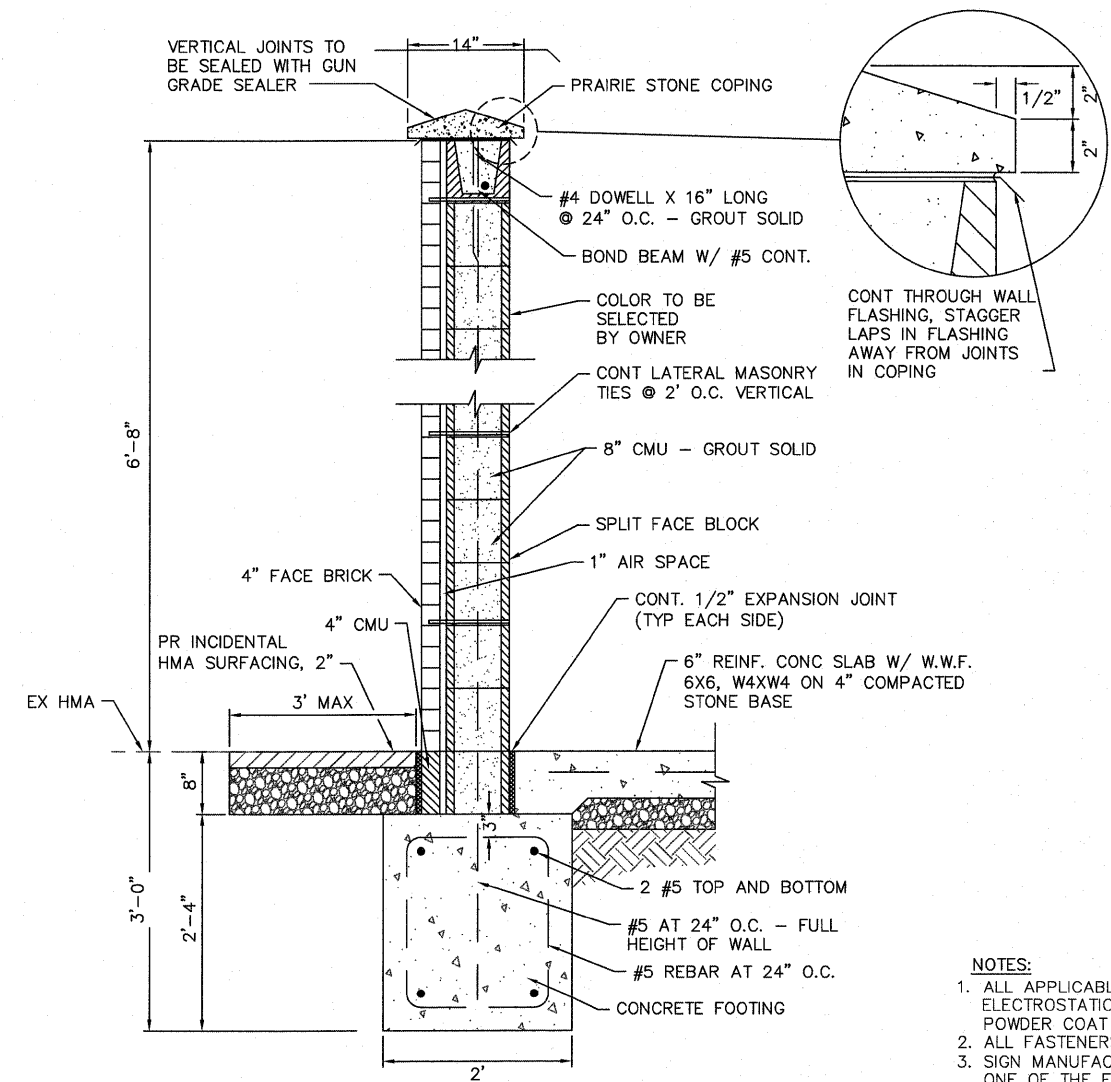
STEEL PLATE MOUNTING DETAIL
NOT TO SCALE



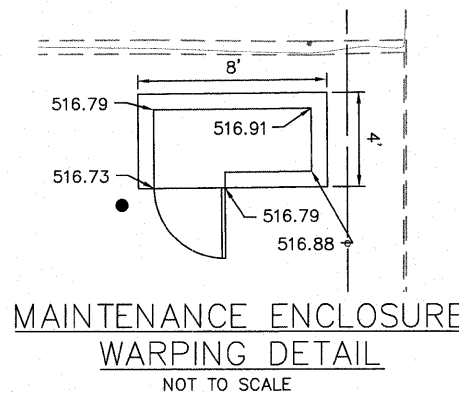
SECTION A-A
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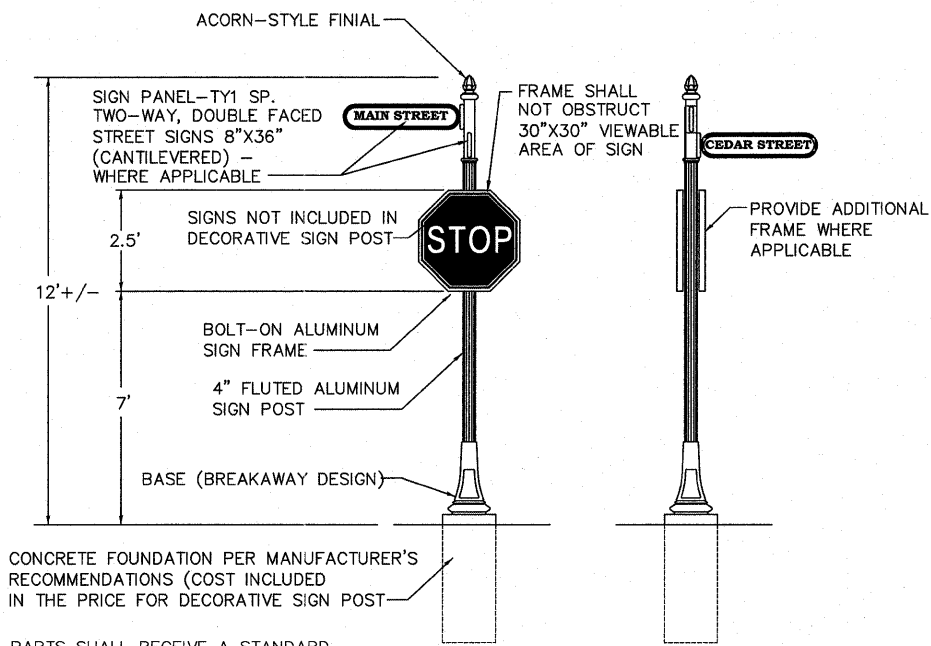
PIPE BOLLARD DETAIL
NOT TO SCALE



MAINTENANCE ENCLOSURE WALL DETAIL
NOT TO SCALE

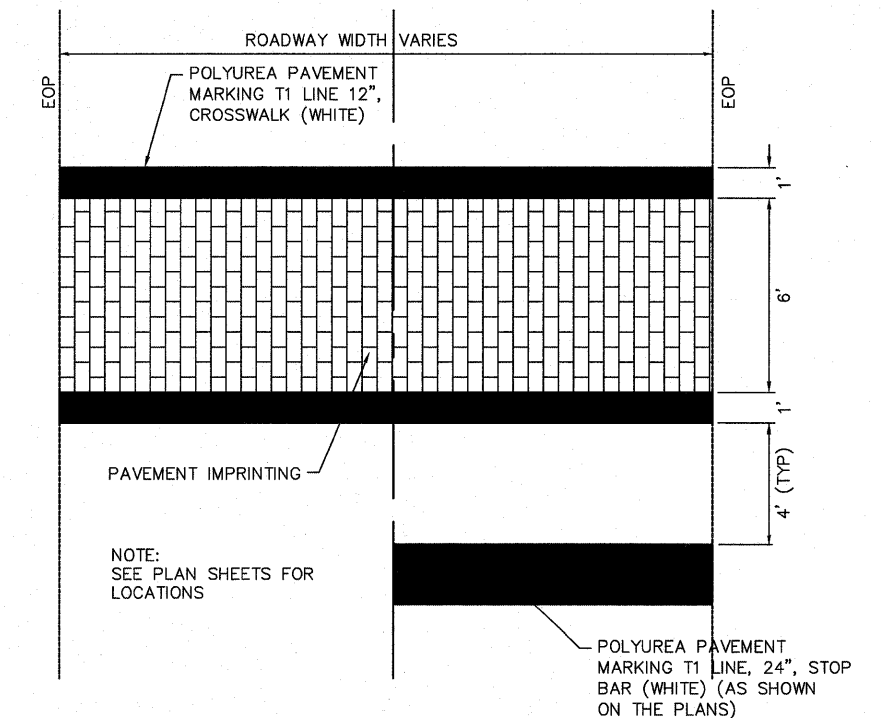


MAINTENANCE ENCLOSURE WARPING DETAIL
NOT TO SCALE



FRONT VIEW SIDE VIEW
NOT TO SCALE
DECORATIVE SIGN POST
NOT TO SCALE

- NOTES:**
1. ALL APPLICABLE PARTS SHALL RECEIVE A STANDARD ELECTROSTATICALLY APPLIED THERMOSET POLYESTER POWDER COAT SMOOTH SEMI-GLOSS BLACK FINISH.
 2. ALL FASTENERS SHALL BE STAINLESS STEEL.
 3. SIGN MANUFACTURER AND TYPE SHALL BE ONE OF THE FOLLOWING:
HOLOPHANE INDUSTRIES,
THE STREETScape COMPANY, LLC,
BRANDON INDUSTRIES,
STERNBERG LIGHTING
 4. BASE AND POST SHOULD MATCH LIGHT FIXTURE STYLE TO THE SATISFACTION OF THE ENGINEER.

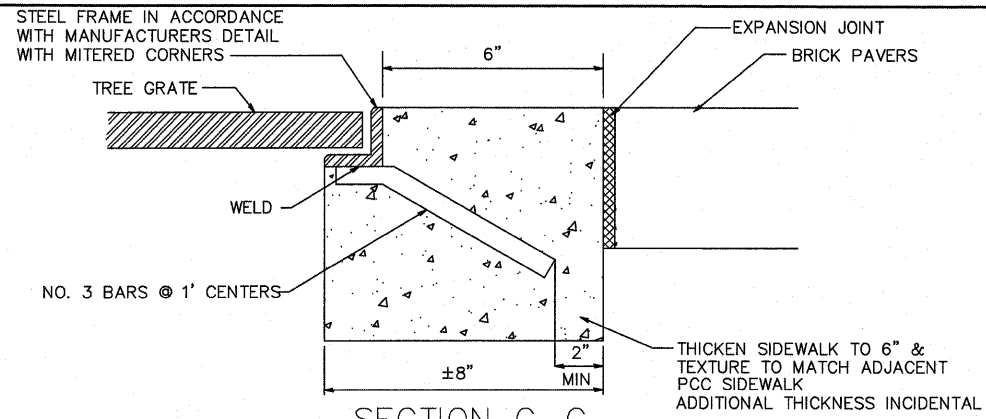


PAVEMENT IMPRINTING/CROSSWALK DETAIL
NOT TO SCALE

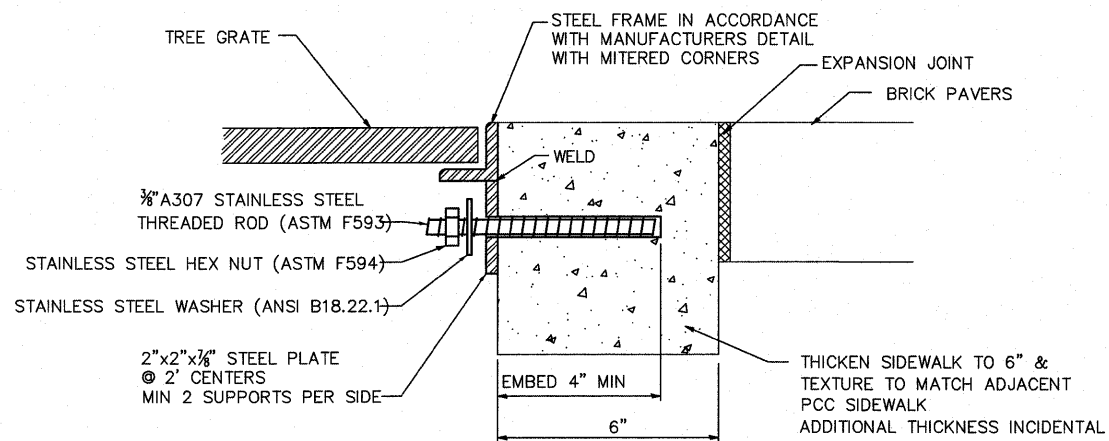
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS

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PLOT SCALE = 4 1/4" = 1'	CHECKED - TLC	REVISED -	CONTRACT NO. 97468								
PLOT DATE = 2011-05-10	DATE = 2010-06-11	REVISED -	COLUMBIA				ILLINOIS	FED. AID PROJECT			

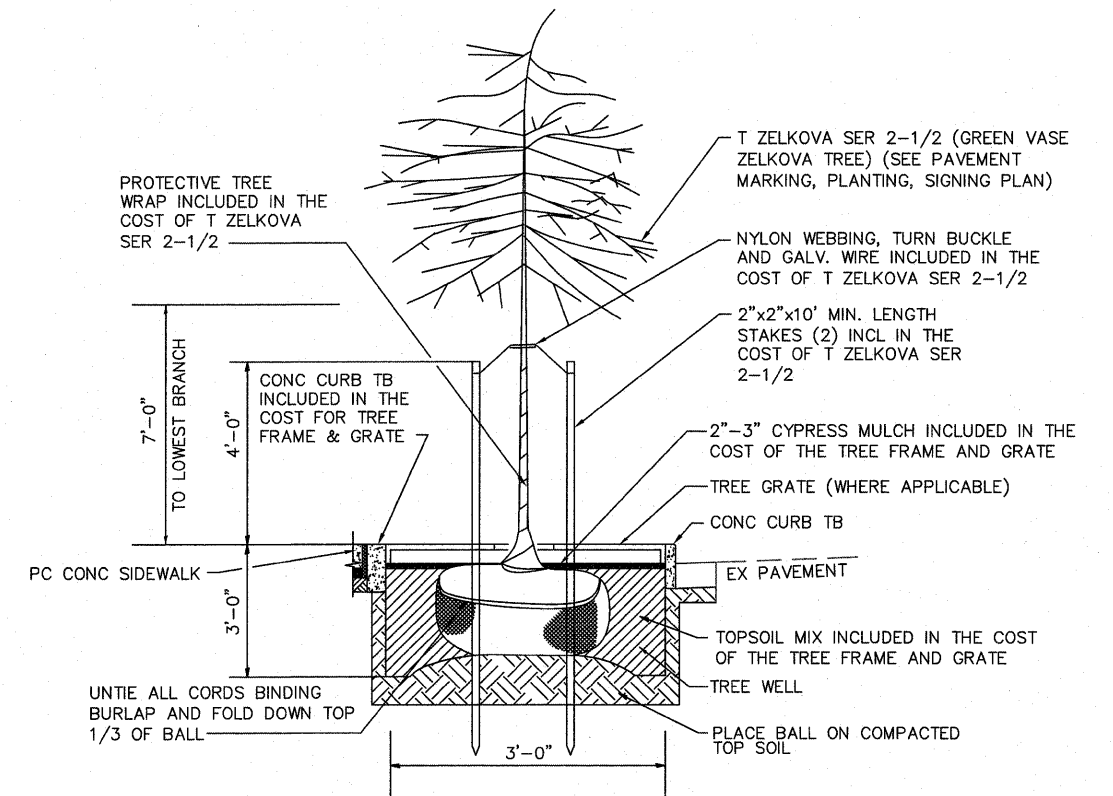


SECTION C-C
TREE FRAME AND GRATE DETAIL
OPTION 1
(NOT TO SCALE)



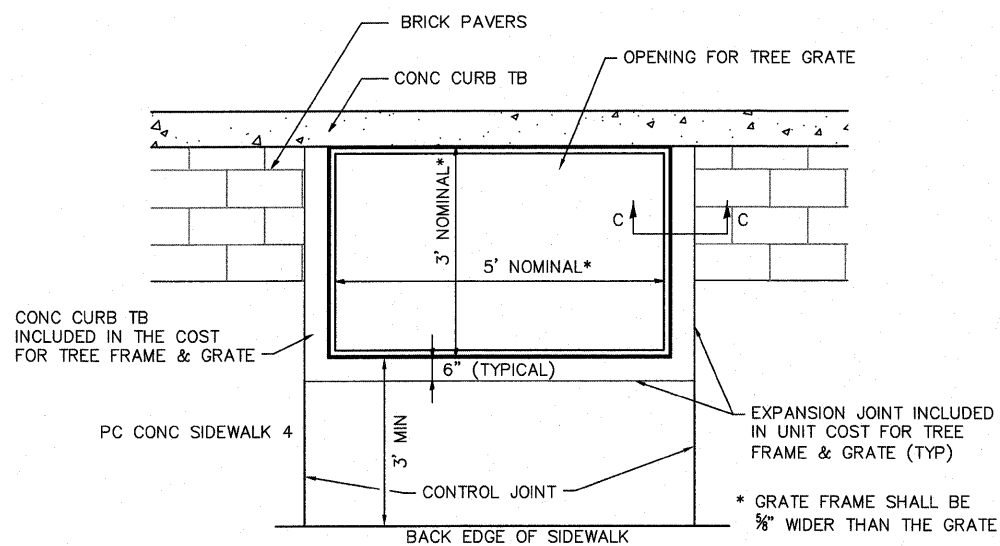
SECTION C-C
TREE FRAME AND GRATE DETAIL
OPTION 2
(NOT TO SCALE)

EMBED STAINLESS STEEL THREADED ROD WITH A CAPSULE OR ADHESIVE CARTRIDGE TYPE EPOXY SYSTEM. THE CONTRACTOR SHALL INSTALL THE RODS IN PRE-DRILLED HOLES ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS AND PROCEDURES. THE CAPSULE OR THE ADHESIVE CARTRIDGE SHALL BE SEALED WITH PREMEASURED AMOUNTS OF THE ADHESIVE CHEMICAL.



TREE FRAME AND GRATE DETAIL
NOT TO SCALE

NOTE:
ELECTRICAL CONDUIT WILL ONLY BE ALLOWED IN THE OUTER 6" OF THE TREE WELL



TREE FRAME AND GRATE DETAIL
(NOT TO SCALE)
STA 23+79 LT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS

FILE NAME =
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DESIGN.DWG

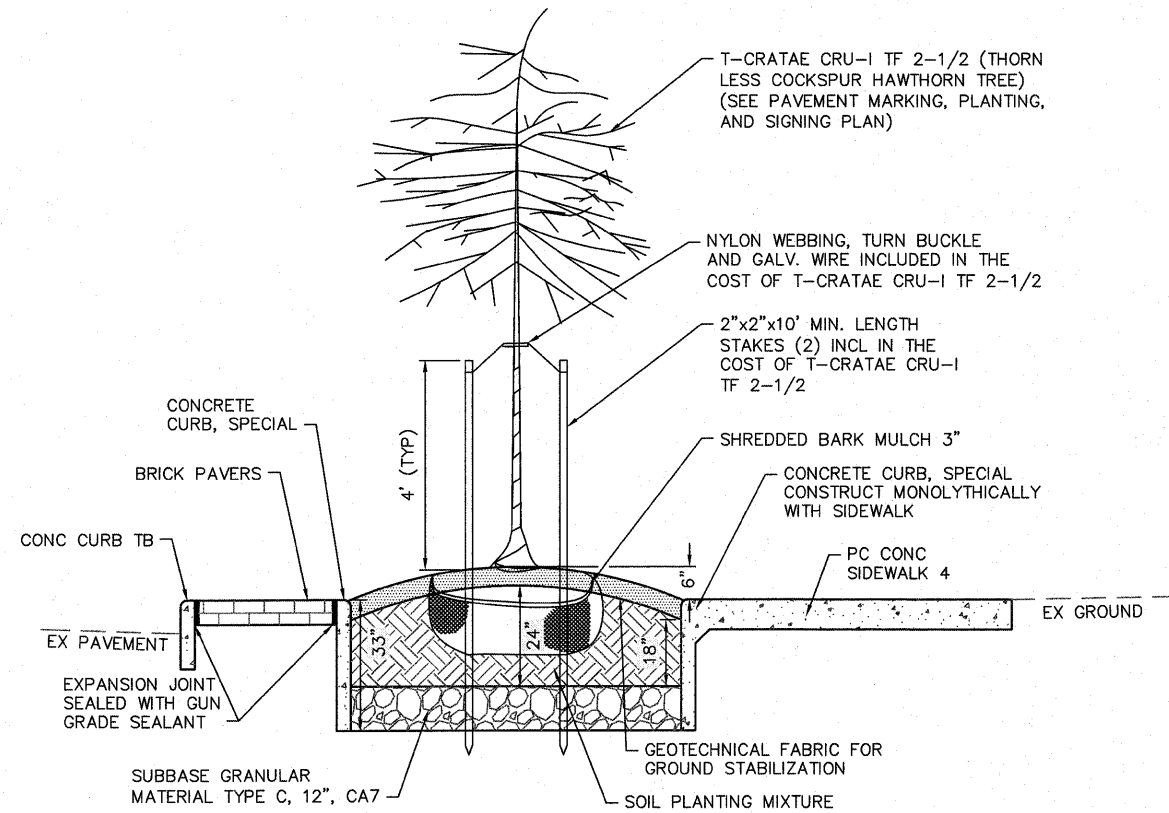
USER NAME = ASHLEIGH ENGELMANN
PLOT SCALE = 4 41/64" = 1"
PLOT DATE = 2011-05-10

DESIGNED - SLW
DRAWN - SLW
CHECKED - TLC
DATE - 2010-06-11

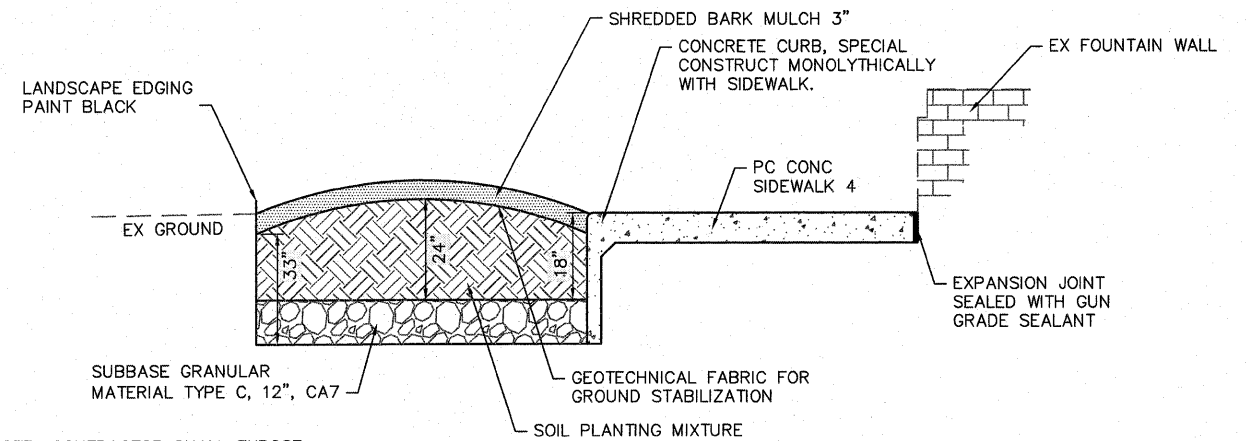
REVISED -
REVISED -
REVISED -
REVISED -

SCALE: SHEET NO. 2 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9302	06-00045-00-SW	MONROE	24	13
CONTRACT NO. 97468				
COLUMBIA ILLINOIS FED. AID PROJECT				

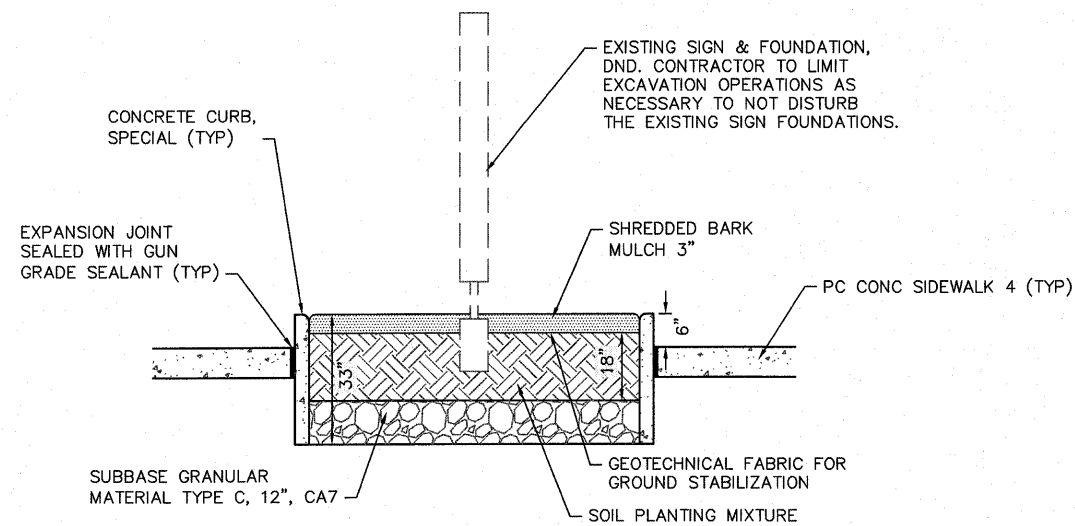


LANDSCAPING DETAIL 1
NOT TO SCALE



NOTE: CONTRACTOR SHALL EXPOSE UTILITIES AND COORDINATE WORK TO AVOID DISRUPTION OF SERVICE TO EXISTING UTILITIES.

LANDSCAPING DETAIL 2
NOT TO SCALE



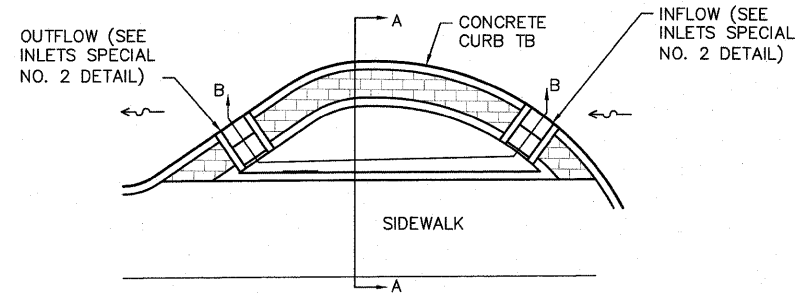
LANDSCAPING DETAIL 3
NOT TO SCALE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

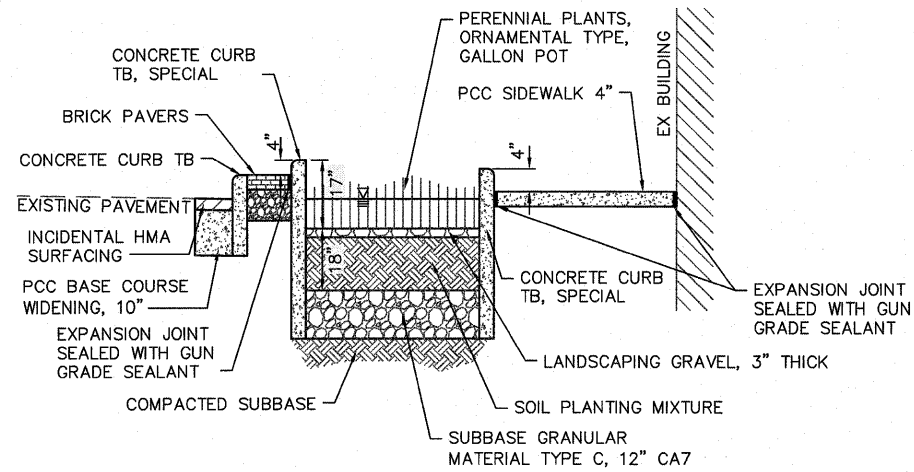
DETAILS

FILE NAME =	USER NAME =	DESIGNED -	REVISED -
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		DRAWN -	REVISED -
		SLW	SLW
		CHECKED -	REVISED -
		TLC	TLC
		DATE -	REVISED -
		2011-06-20	2010-06-11

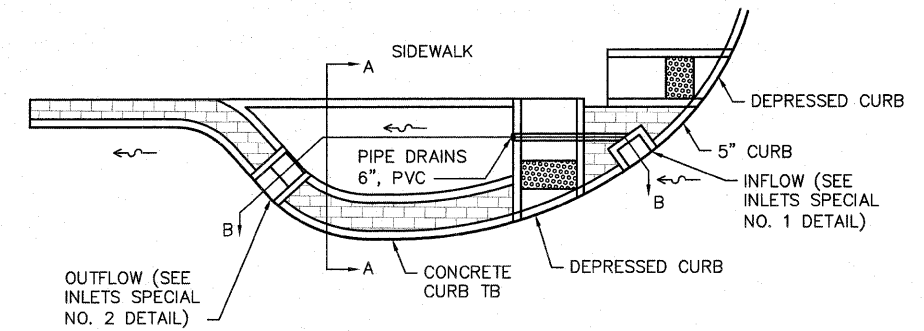
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9302	06-00045-00-SW	MONROE	24	14
CONTRACT NO. 97468				
SCALE:	SHEET NO. 3 OF 6 SHEETS	STA. 22+29.00 TO STA. 25+06.39	COLUMBIA	ILLINOIS FED. AID PROJECT



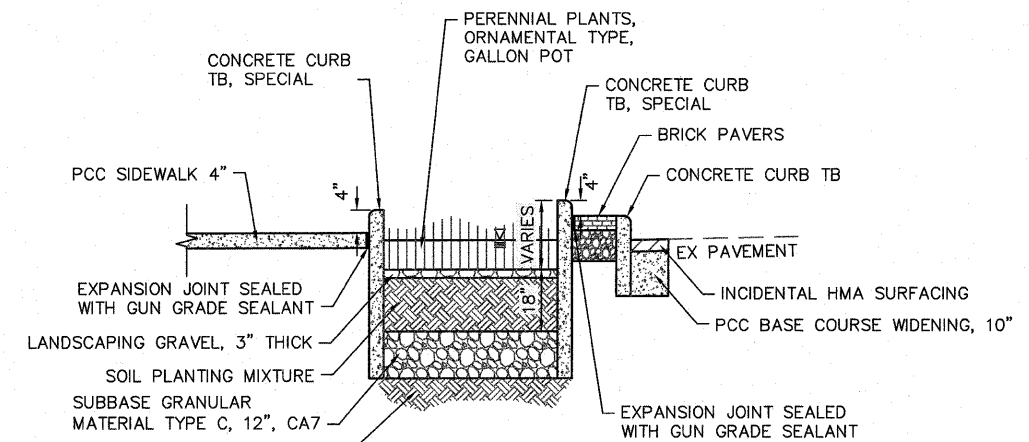
PLAN VIEW



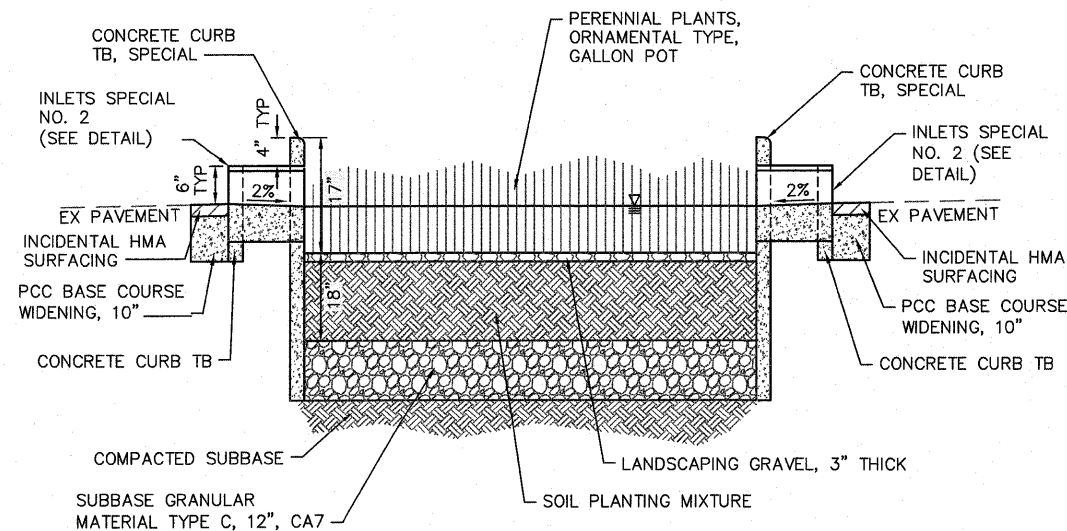
SECTION A-A



PLAN VIEW



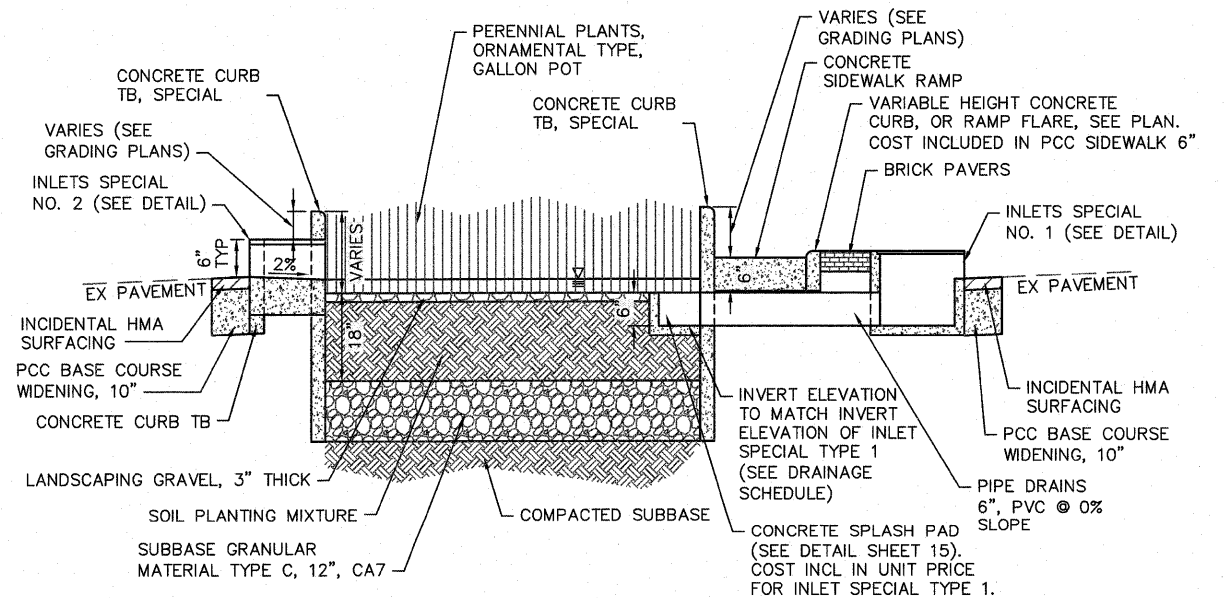
SECTION A-A



SECTION B-B

RAIN GARDEN DETAIL 1

NOT TO SCALE



SECTION B-B

RAIN GARDEN DETAIL 2

NOT TO SCALE

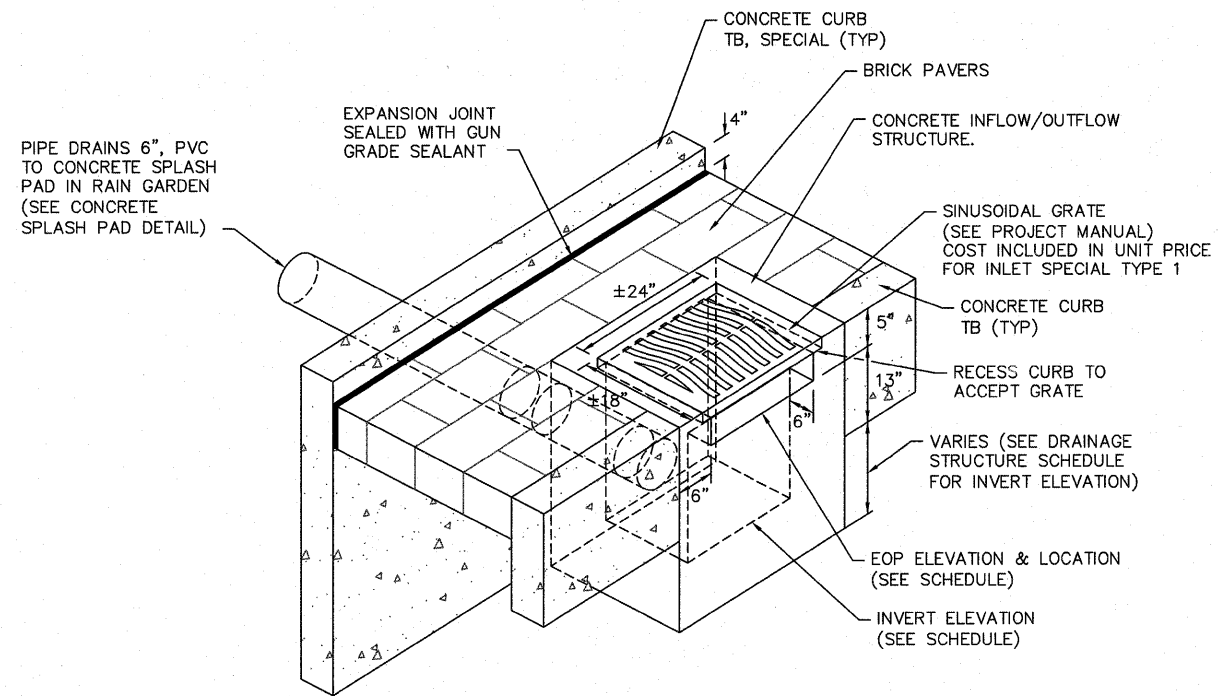
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		DRAWN - SLW	REVISED -
		CHECKED - TLC	REVISED -
		DATE - 2010-06-11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS

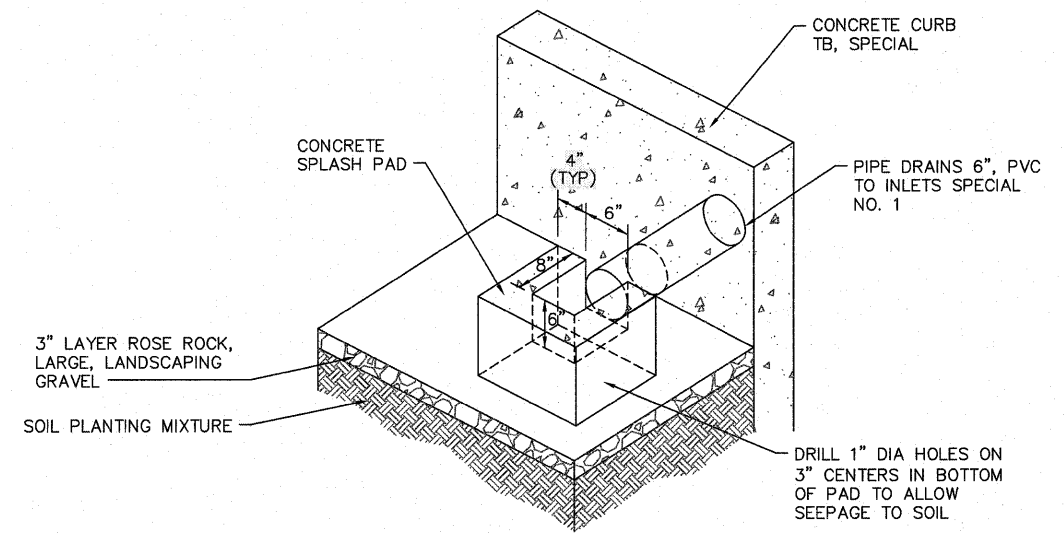
SCALE: SHEET NO. 4 OF 6 SHEETS STA. 22+29.00 TO STA. 25+06.39

F.A.U. RTE. 9302	SECTION 06-00045-00-SW	COUNTY MONROE	TOTAL SHEETS 24	SHEET NO. 15
CONTRACT NO. 97468				
COLUMBIA ILLINOIS FED. AID PROJECT				



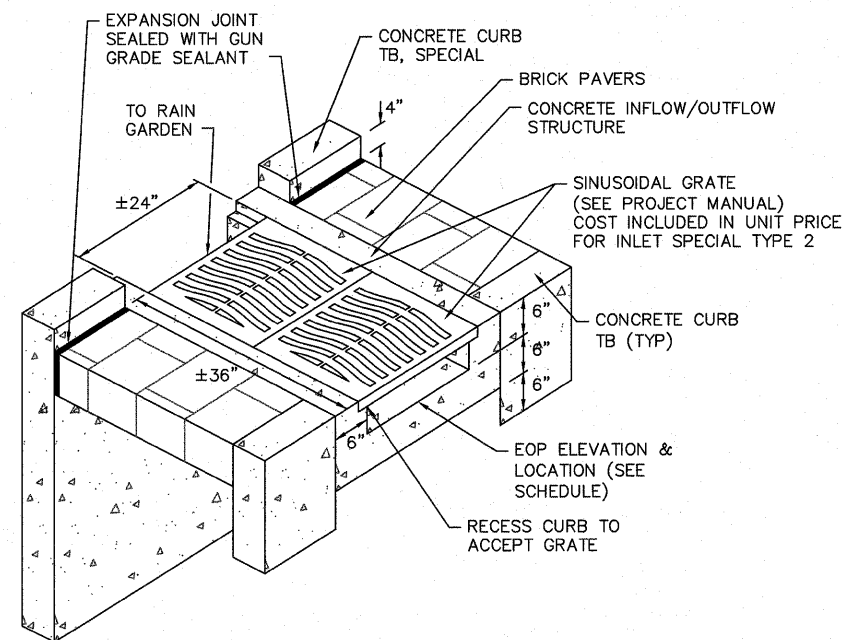
INLETS SPECIAL NUMBER 1 DETAIL

NOT TO SCALE
 STA 24+25, 17.7' LT (INFLOW)
 STA 24+67, 19.6' RT (OUTFLOW)
 STA 24+68, 17.4' LT (OUTFLOW)



CONCRETE SPLASH PAD DETAIL

NOT TO SCALE



INLETS SPECIAL NUMBER 2 DETAIL

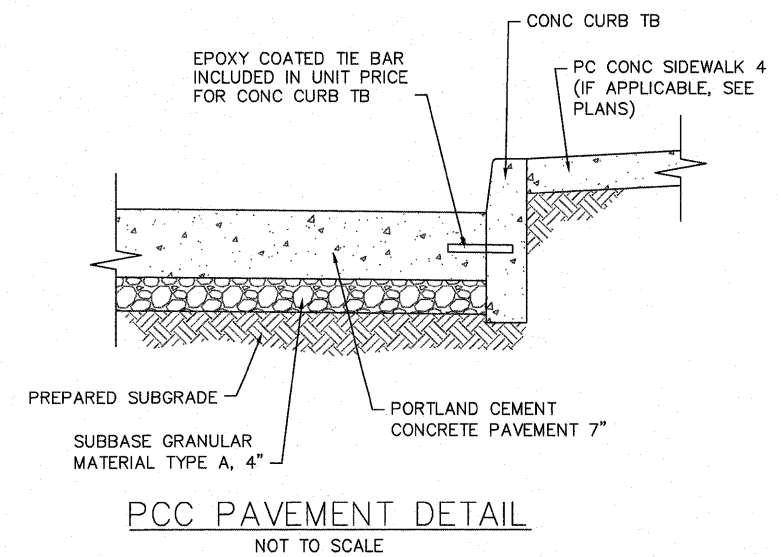
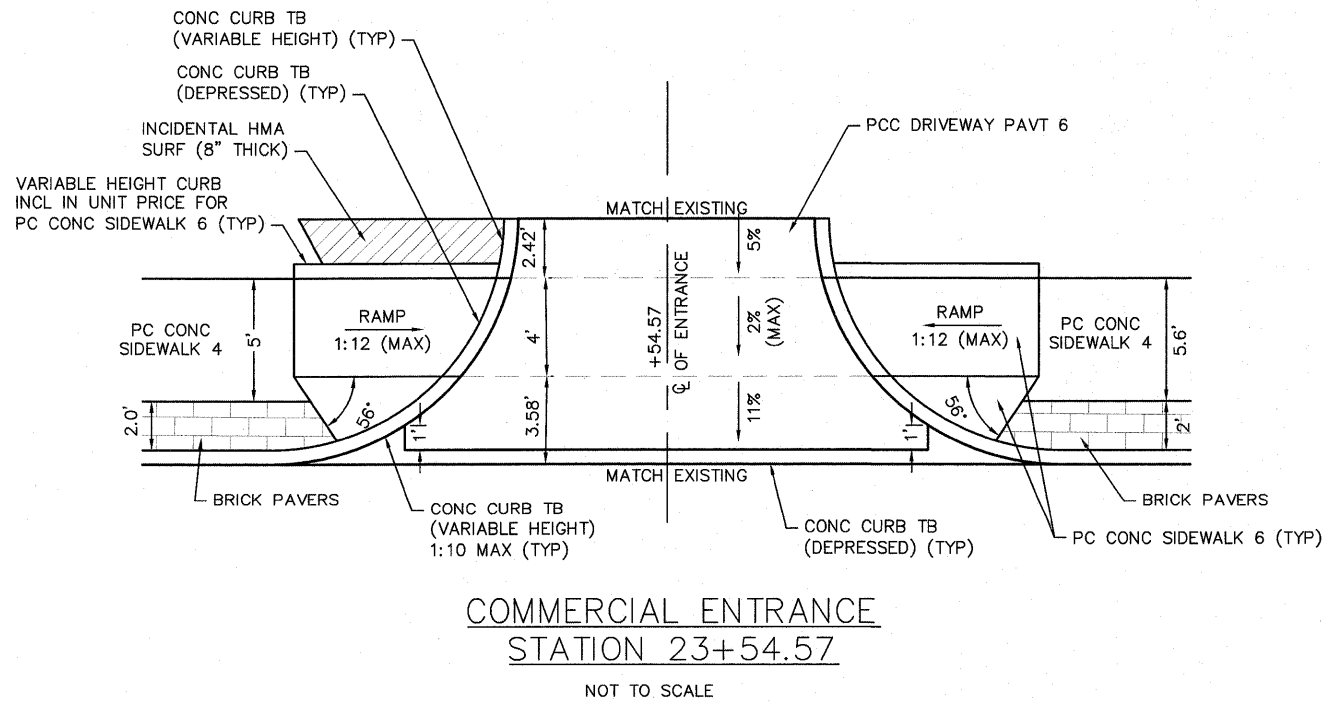
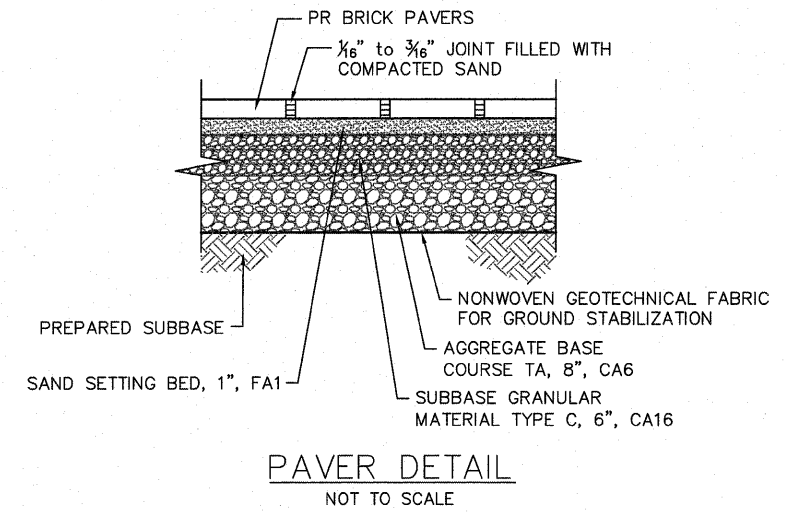
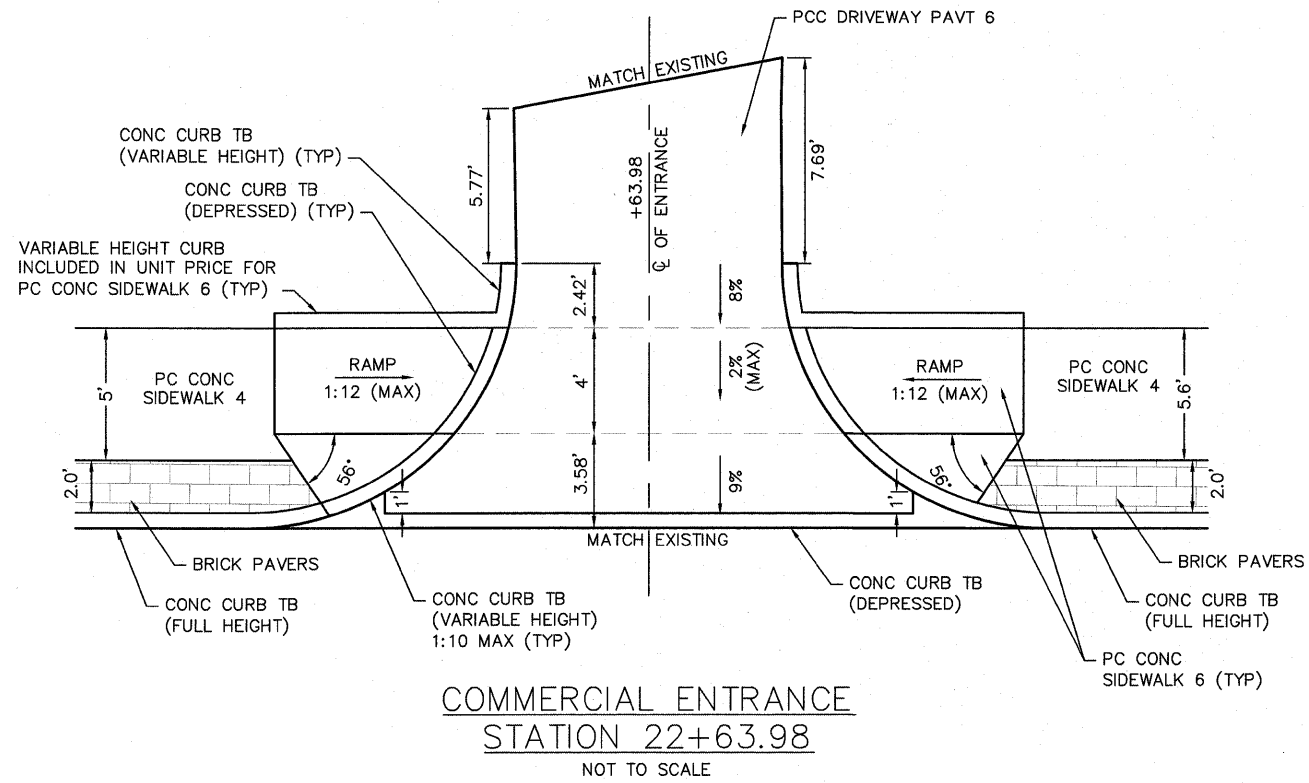
NOT TO SCALE
 STA 22+40, 18.3' RT (OUTFLOW)
 STA 22+62, 17.8' RT (INFLOW)
 STA 23+98, 15.2' LT (OUTFLOW)
 STA 24+84, 16.5' LT (INFLOW)
 STA 24+89, 18.7' RT (INFLOW)

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DETAILS

FILE NAME =	USER NAME = ASHLEIGH ENGELMANN	DESIGNED - SLW	REVISED -
H:\P25040\DWG\PHASE 1\25040 - DESIGN.DWG		DRAWN - SLW	REVISED -
	PLOT SCALE = 4 1/64" = 1'	CHECKED - TLC	REVISED -
	PLOT DATE = 2011-06-20	DATE - 2010-06-11	REVISED -

F.A.U. RTE. 9302	SECTION 06-0045-00-SW	COUNTY MONROE	TOTAL SHEETS 24	SHEET NO. 16
CONTRACT NO. 97468				
SCALE:	SHEET NO. 5 OF 6 SHEETS	STA. 22+29.00 TO STA. 25+06.39	COLUMBIA	ILLINOIS FED. AID PROJECT



FILE NAME = H:\P\25040\DWG\PHASE 1\25040 - DESIGN.DWG	USER NAME = ASHLEIGH ENGELMANN	DESIGNED - SLW	REVISED -
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	PLOT DATE = 2011-05-10	CHECKED - TLC	REVISED -
		DATE - 2010-06-11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS

SCALE: SHEET NO. 6 OF 6 SHEETS STA. 22+29.00 TO STA. 25+06.39

F.A.U. RTE. 9302	SECTION 06-00045-00-SW	COUNTY MONROE	TOTAL SHEETS 24	SHEET NO. 17
CONTRACT NO. 97468				
COLUMBIA ILLINOIS FED. AID PROJECT				

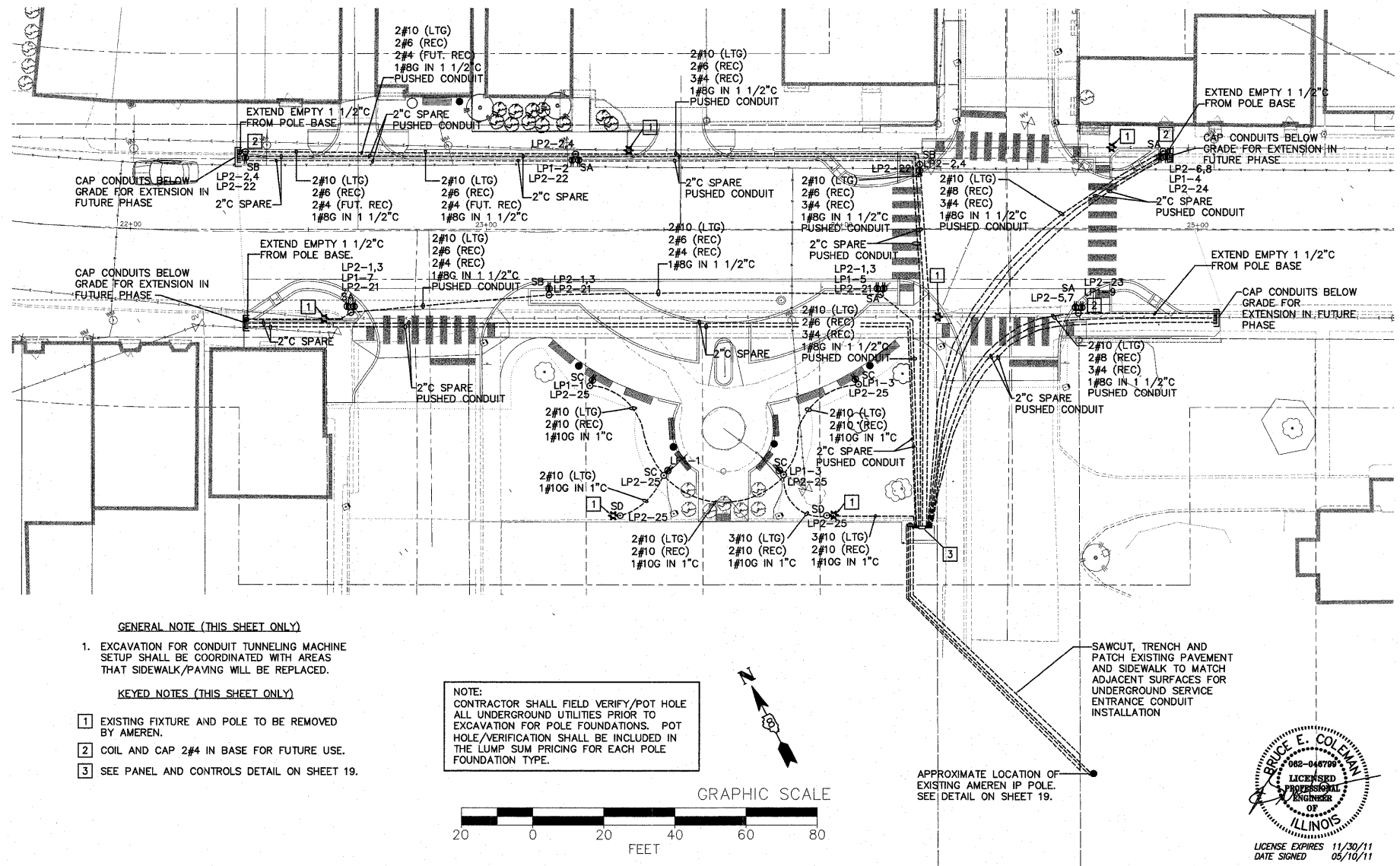
LIGHT FIXTURE SCHEDULE					
TYPE	MANUFACTURER & CATALOG No.	VOLTAGE	LAMPS	MOUNTING	DESCRIPTION & REMARKS
SA	KING LUMINAIRE K823-HGFL-III-250(MOG)-MH-240 (MT)-KPL10-BK WITH KPL-10 BK LEVELING DEVICE, KA32-T-1-6"-BK ARM AND VALMONT CQAB-BS6LT 250 P2 BK/BCAF-RH8 BK WITH BANNER ARMS, FLAG POLE HOLDER, GFI RECEPTACLES AND IN USE COVERPLATES	240	(1) 250W PSMH	POLE	SEE DETAIL ON SHEET 20 FOR INSTALLATION. PROVIDE (1) GFCI RECEPTACLE AT 1'-6" FROM TOP OF POLE AND (1) GFCI RECEPTACLE AT 4'-0" FROM BUTT OF POLE WITH A CAST ALUMINUM "IN-USE" WP RECEPTACLE COVER, BANNER ARMS AND FLAGPOLE HOLDER. PROVIDE FUSING IN BASE. PAY CODE: DECOR LT/POLE TYPE - SA.
SB	KING LUMINAIRE K823-HGFL-III-250(MOG)-MH-240 (MT)-KPL10-BK WITH KPL-10 BK LEVELING DEVICE, KA32-T-1-6"-BK ARM AND VALMONT CQAB-BS6LT 250 P2 BK/BCAF-RH8 BK WITH BANNER ARMS, FLAG POLE HOLDER, GFI RECEPTACLE AND IN USE COVERPLATE	240	(1) 250W PSMH	POLE	SEE DETAIL ON SHEET 20 FOR INSTALLATION. PROVIDE (1) GFCI RECEPTACLE AT 1'-6" FROM TOP OF POLE WITH A CAST ALUMINUM "IN-USE" WP RECEPTACLE COVER, BANNER ARMS AND FLAGPOLE HOLDER. PROVIDE FUSING IN BASE. PAY CODE: DECOR LT/POLE TYPE - SB.
SC	STERNBERG A850ASR/5PPT/4410FP4/150MH MT MEDIUM/RE5G/ALZAK/1-GFI/UC/BK	120	(1) 150W PSMH	POLE	SEE DETAIL ON SHEET 19 FOR INSTALLATION. PROVIDE (1) GFCI RECEPTACLE INTEGRAL IN POLE WITH A CAST ALUMINUM "IN-USE" WP RECEPTACLE COVER. PROVIDE FUSING IN BASE. PAY CODE: DEC POLES - 10FT.
SD	STERNBERG A850ASR/5PPT/4410FP4/150MH MT MEDIUM/RE5G/ALZAK/BK	120	(1) 150W PSMH	POLE	SEE DETAIL ON SHEET 19 FOR INSTALLATION. PROVIDE FUSING IN BASE. PAY CODE: LT POLE SPL DEC ORN.

LUMINAIRE SCHEDULE								
STATION (TO CENTER OF STRUCT.)	OFFSET	LIGHT POLE FDN SPL (FOOT)	DECOR LT/POLE TYPE SA (EACH)	DECOR LT/POLE TYPE SB (EACH)	LIGHT POLE FDN SPL (EACH)	DEC POLES - 10FT (EACH)	LT POLE SPL DEC ORN (EACH)	ELEC SERV INSTALL SP(EACH)
22+32	22' LT	10		1				
22+62	23' RT	10	1					
23+18	18' RT	10		1				
23+25	22' LT	10	1					
23+29	44' RT				1	1		
23+38	81' RT				1		1	
23+50	69' RT				1	1		
23+84	69' RT				1	1		
23+96	81' RT				1		1	
24+05	44' RT				1	1		
24+11	18' RT	10	1					
24+22	18' LT	10		1				
24+23	84' RT							1
24+66	24' RT	10	1					
24+90	22' LT	10		1				
TOTALS		80	4	4	6	4	2	1

LIGHT FIXTURE SCHEDULE GENERAL NOTE

1. ALL METAL PRODUCTS SHALL BE MANUFACTURED OR PRODUCED AND FABRICATED IN THE UNITED STATES OF AMERICA. THE APPLICATION OF ALL COATINGS, EPOXY, GALVANIZING, PAINTING, ETC., TO METAL PRODUCTS SHALL BE APPLIED IN THE UNITED STATES OF AMERICA.

SUMMARY OF RACEWAY, CONDUCTORS, TRENCHING AND BACKFILL											
LOCATION		CONDUCTORS (FEET)				CONDUIT (FEET)			TRENCH AND BACKFILL FOR ELECTRICAL WORK (FEET)	PUSHED CONDUIT (FEET)	
FROM	TO	#4	#6	#8	#10	1"	1 1/2"	2"		1 1/2"	2"
22+30	22+32								2		
22+32	22' LT							5			
22+32	23+25	218	265	141	282			77		22	
22+32	22' LT							81		25	
23+25	24+22	348	279	148	296			81			
23+25	22' LT							6		106	
24+22	24+23	372	295	156	312			6			
24+22	18' LT							35		32	
22+32	22+62							6		57	
22+62	23' RT	146	193	105	210			99		93	
22+62	18' RT							6		73	
23+18	24+11	218	265	141	282			5		2	
23+18	18' RT							6		154	
24+11	24+23	282	235	126	252			43		40	
24+11	18' RT							6		98	
24+92	24+90							288		314	
24+90	21' LT	525		604	414			264		242	
24+90	22' LT							6		310	
25+06	24+66							6		262	
25+06	25' RT							303	44	38	
24+66	24' RT	357		436	302			20		40	
24+66	24' RT							303	44	38	
22+30	24+23							249	26	20	
22+32	24+23							333	35	29	
22+32	26' RT										
24+92	24+23										
24+92	21' LT										
25+06	24+23										
25+06	25' RT										
23+29	23+50										
23+29	44' RT										
23+38	23+50										
23+38	81' RT										
23+50	23+84										
23+50	69' RT										
24+05	23+84										
24+05	44' RT										
23+84	23+96										
23+84	69' RT										
23+96	24+23										
23+96	81' RT										
TOTALS		2466	1632	1857	3992	221	375	564	770	535	1128



GENERAL NOTE (THIS SHEET ONLY)

1. EXCAVATION FOR CONDUIT TUNNELING MACHINE SETUP SHALL BE COORDINATED WITH AREAS THAT SIDEWALK/PAVING WILL BE REPLACED.

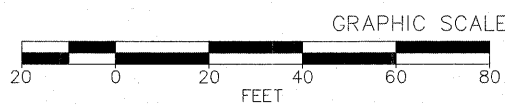
KEYED NOTES (THIS SHEET ONLY)

1 EXISTING FIXTURE AND POLE TO BE REMOVED BY AMEREN.

2 COIL AND CAP 2#4 IN BASE FOR FUTURE USE.

3 SEE PANEL AND CONTROLS DETAIL ON SHEET 19.

NOTE: CONTRACTOR SHALL FIELD VERIFY/POT HOLE ALL UNDERGROUND UTILITIES PRIOR TO EXCAVATION FOR POLE FOUNDATIONS. POT HOLE/VERIFICATION SHALL BE INCLUDED IN THE LUMP SUM PRICING FOR EACH POLE FOUNDATION TYPE.



APPROXIMATE LOCATION OF EXISTING AMEREN IP POLE. SEE DETAIL ON SHEET 19.

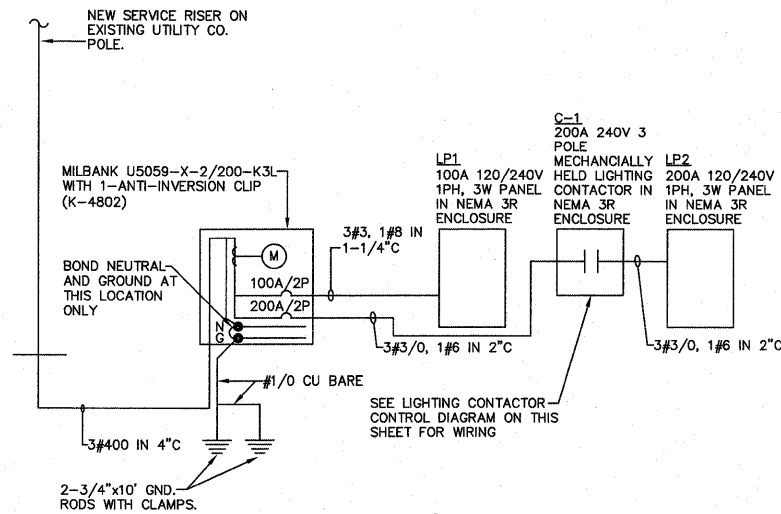


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	PLOT SCALE = 4 1/4" = 1'	DRAWN - JEN	REVISED -
	PLOT DATE = 2011-06-17	CHECKED - BEC	REVISED -
		DATE - 2011-05-13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STREETSCAPE LIGHTING PLAN
SCALE: 1"=20' SHEET NO. 1 OF 3 SHEETS STA. 22+29.00 TO STA. 25+06.39

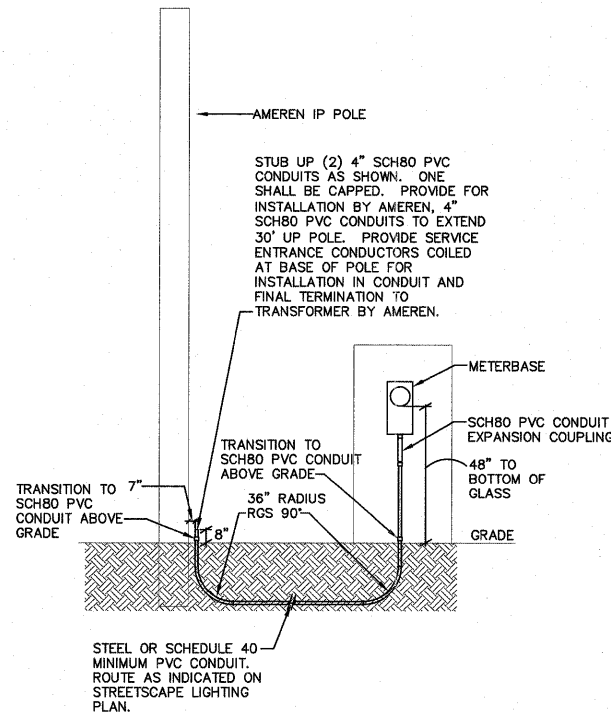
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9302	06-00045-00-SW	MONROE	24	18
COLUMBIA ILLINOIS FEDERAL AID PROJECT				CONTRACT NO. 97468



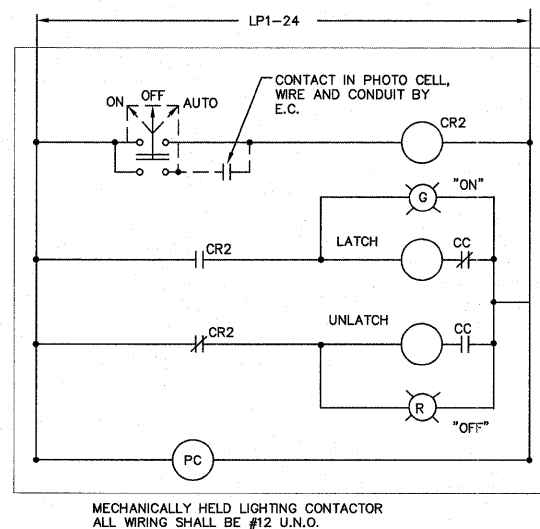
ELECTRICAL ONE-LINE DIAGRAM
NO SCALE

PANEL NO: LP1 (NEMA 3R ENCLOSURE)										22000 AIC	
VA	FUNCTION	SIZE	CKT	PH	CKT	SIZE	FUNCTION	VA			
360	PLAZA RECPTS	20A/1P	1	A	2	20A/1P	STREET POLE RECPT	1200			
360	PLAZA RECPTS	20A/1P	3	B	4	20A/1P	STREET POLE RECPT	1200			
1200	STREET POLE RECPT	20A/1P	5	A	6	20A/1P	SPARE	0			
1200	STREET POLE RECPT	20A/1P	7	B	8	20A/1P	SPARE	0			
1200	STREET POLE RECPT	20A/1P	9	A	10	20A/1P	SPARE	0			
0	SPARE	20A/1P	11	B	12	20A/1P	SPARE	0			
0	SPARE	20A/1P	13	A	14	20A/1P	SPARE	0			
0	SPARE	20A/1P	15	B	16	20A/1P	SPARE	0			
0	SPARE	20A/1P	17	A	18	20A/1P	SPARE	0			
0	SPARE	20A/1P	19	B	20	20A/1P	SPARE	0			
0	SPARE	20A/1P	21	A	22	20A/1P	SPARE	0			
0	SPARE	20A/1P	23	B	24	20A/1P	CONTROL POWER	100			
	SPACE		25	A	26		SPACE				
	SPACE		27	B	28		SPACE				
	SPACE		29	A	30		SPACE				
PHASE	A	B	TOTALS		VOLTS: 120/240V, 1#, 3W						
VOLTAMPS	9402	8012	17414								
MAINS:	100 AMP MLO		POLES: 30 POSITIONS		MOUNTING: SURFACE						

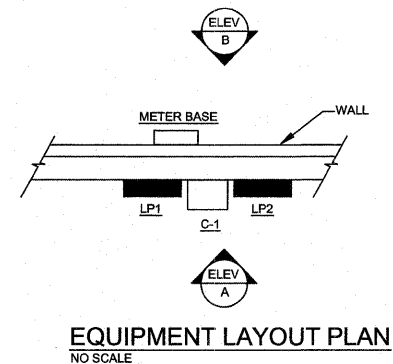
PANEL NO: LP2 (NEMA 3R ENCLOSURE)										22000 AIC	
VA	FUNCTION	SIZE	CKT	PH	CKT	SIZE	FUNCTION	VA			
443	STREETSCAPE LTG	20A/2P	1	A	2	20A/2P	STREETSCAPE LTG	443			
443	STREETSCAPE LTG	20A/2P	3	B	4	20A/2P	STREETSCAPE LTG	443			
148	STREETSCAPE LTG	20A/2P	5	A	6	20A/2P	STREETSCAPE LTG	148			
148	STREETSCAPE LTG	20A/2P	7	B	8	20A/2P	STREETSCAPE LTG	148			
0	SPARE	20A/2P	9	A	10	20A/2P	SPARE	0			
0	SPARE	20A/2P	11	B	12	20A/2P	SPARE	0			
0	SPARE	20A/2P	13	A	14	20A/2P	SPARE	0			
0	SPARE	20A/2P	15	B	16	20A/2P	SPARE	0			
0	SPARE	20A/2P	17	A	18	20A/2P	SPARE	0			
0	SPARE	20A/2P	19	B	20	20A/2P	SPARE	0			
1080	CHRISTMAS RECPT	20A/1P	21	A	22	20A/1P	CHRISTMAS RECPT	1080			
720	CHRISTMAS RECPT	20A/1P	23	B	24	20A/1P	CHRISTMAS RECPT	720			
1200	PLAZA LIGHTING	20A/1P	25	A	26	20A/1P	SPARE	0			
0	SPARE	20A/1P	27	B	28	20A/1P	SPARE	0			
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	SPACE		33	A	34		SPACE				
	SPACE		35	B	36		SPACE				
	SPACE		37	A	38		SPACE				
	SPACE		39	B	40		SPACE				
	SPACE		41	A	42		SPACE				
PHASE	A	B	TOTALS		VOLTS: 120/240V, 1#, 3W						
VOLTAMPS	9402	8012	17414								
MAINS:	200 AMP MLO		POLES: 42 POSITIONS		MOUNTING: SURFACE						



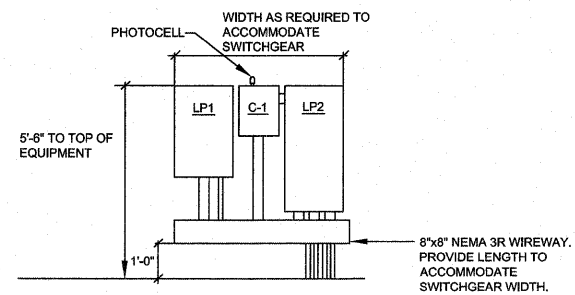
ELECTRICAL SERVICE SPECIAL
NO SCALE



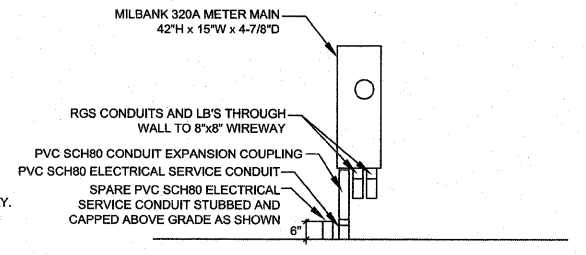
CONTACTOR CONTROL DIAGRAM
NO SCALE



EQUIPMENT LAYOUT PLAN
NO SCALE

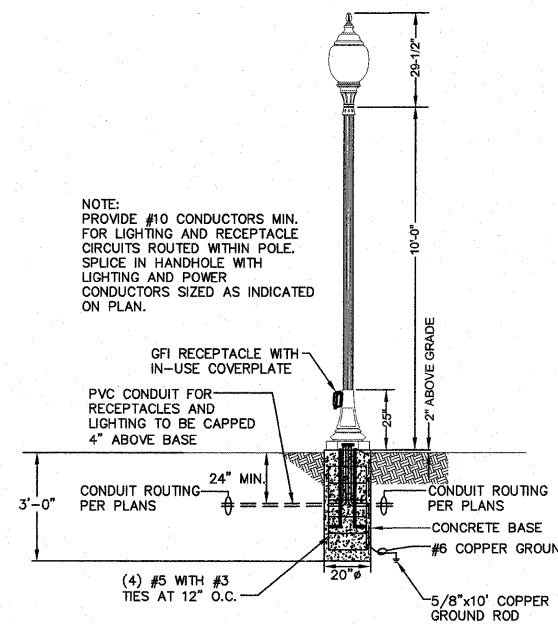


ELEVATION A
NO SCALE

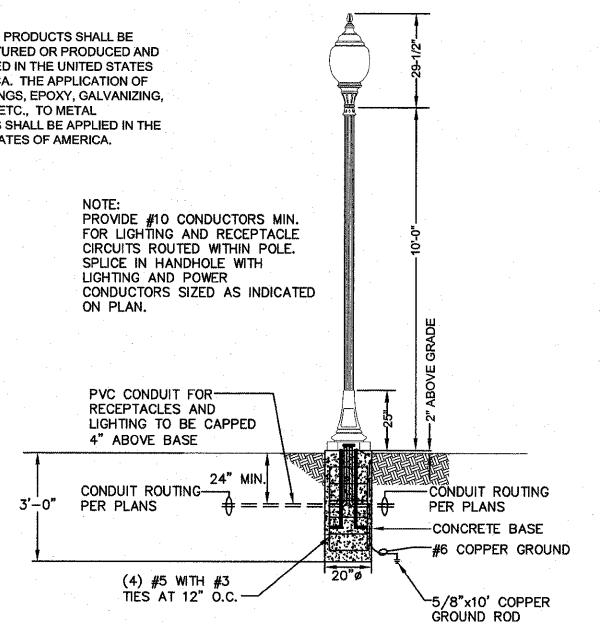


ELEVATION B
NO SCALE

PANEL AND CONTROLS DETAIL
NO SCALE



FIXTURE TYPE SC POLE DETAIL
NOT TO SCALE



FIXTURE TYPE SD POLE DETAIL
NOT TO SCALE

FILE NAME = M:\624-25\CAD\ELECTRICAL\ SHEETS.DWG

USER NAME = JEFF NOLTE
PLOT SCALE = 4 1/4" = 1'
PLOT DATE = 2011-06-17

DESIGNED - JEN
DRAWN - JEN
CHECKED - BEC
DATE - 2011-05-13

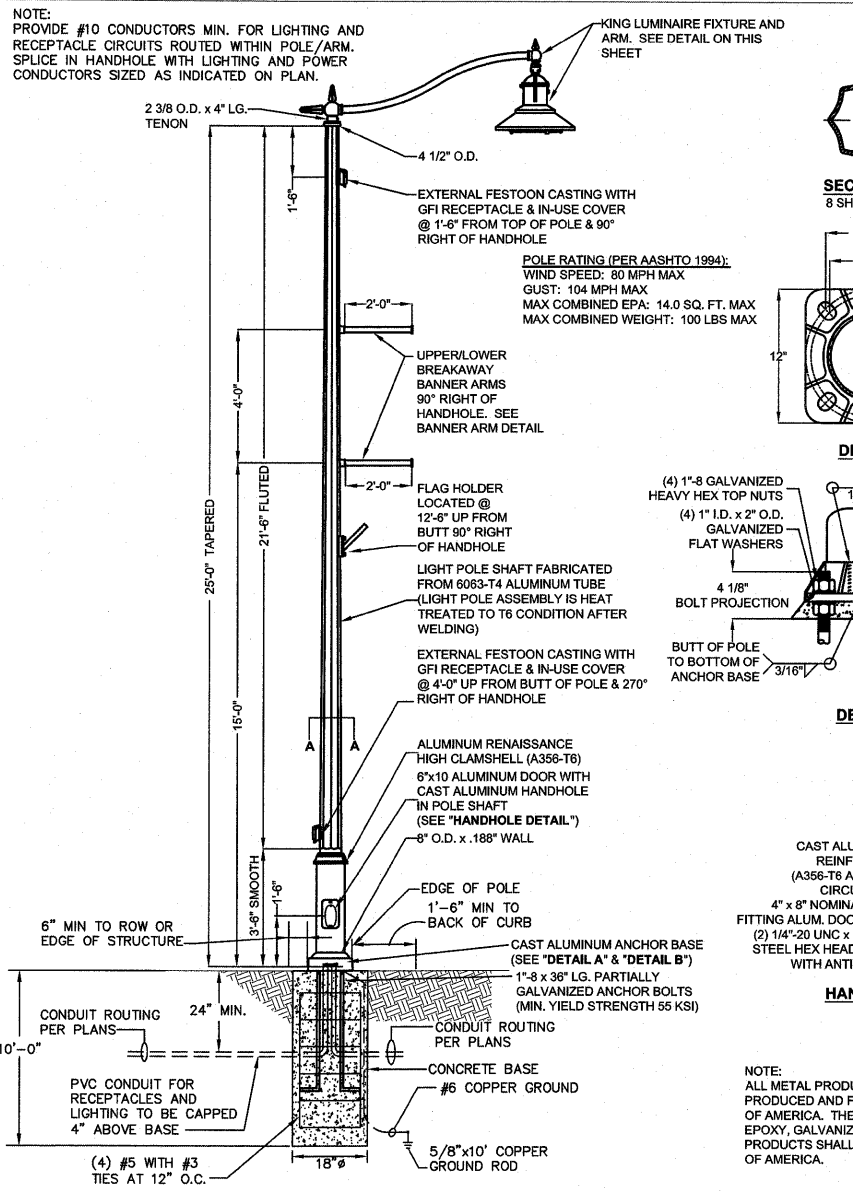
REVISED -
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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

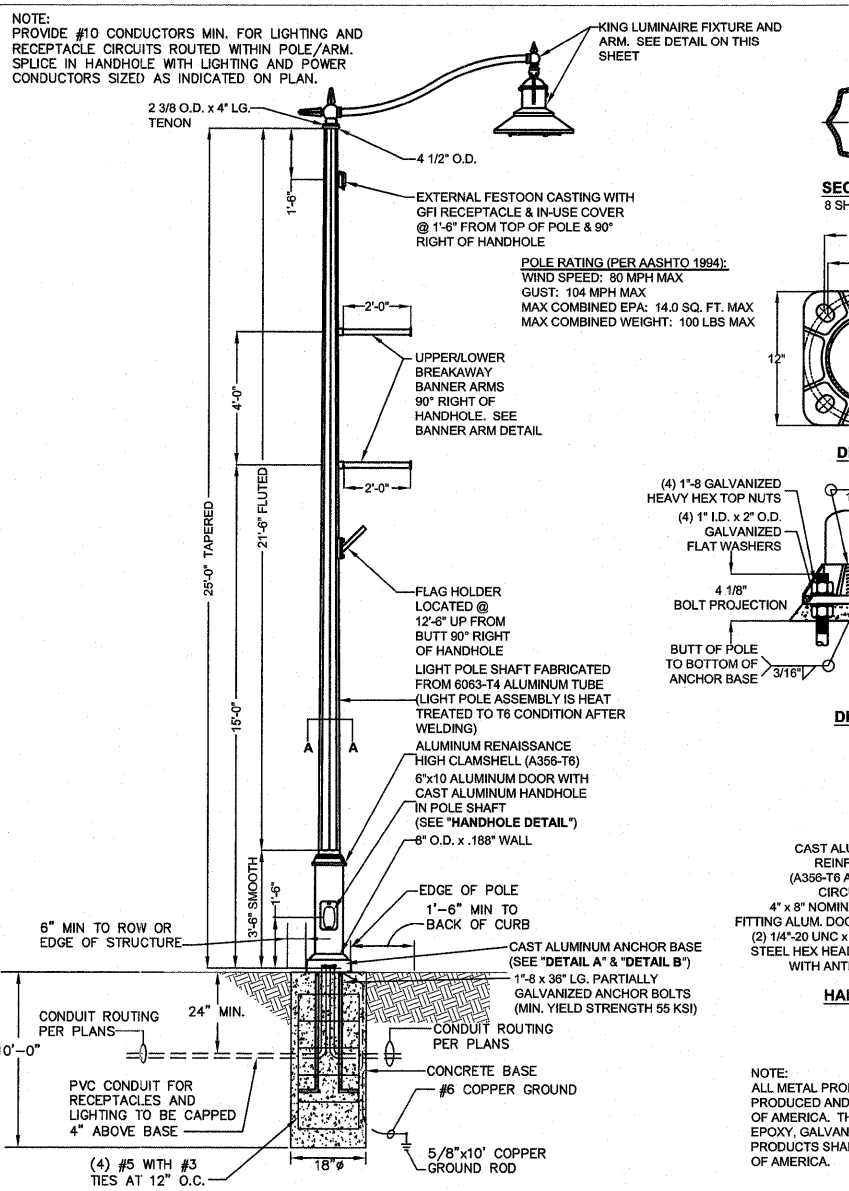
ELECTRICAL SCHEDULES AND DETAILS

SCALE: AS NOTED SHEET NO. 2 OF 3 SHEETS STA. _____ TO STA. _____

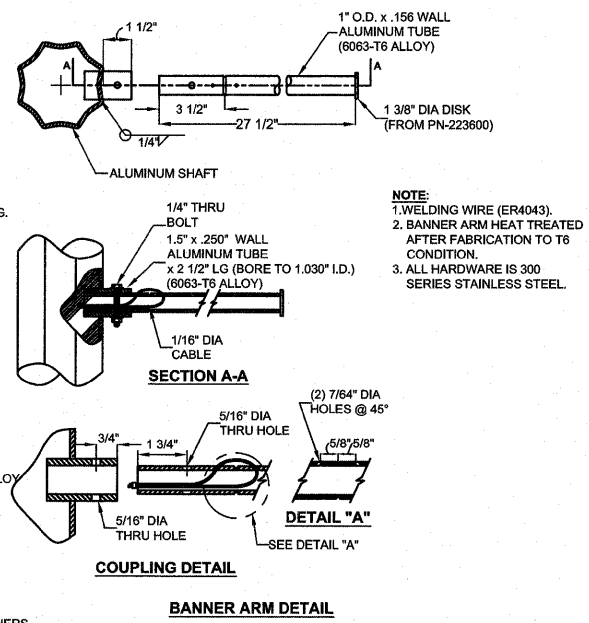
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9302	06-0045-00-SW	MONROE	24	19
CONTRACT NO. 97468				
COLUMBIA ILLINOIS FEDERAL AID PROJECT				



FIXTURE TYPE SA POLE DETAIL
NOT TO SCALE PAY CODES: DECOR LT/POLE TYPE - SA AND LIGHT POLE FDN, SPL(FT)



FIXTURE TYPE SB POLE DETAIL
NOT TO SCALE PAY CODES: DECOR LT/POLE TYPE - SB AND LIGHT POLE FDN, SPL(FT)



FIXTURE TYPE SA AND SB FIXTURE DETAIL
NOT TO SCALE

FILE NAME = M:\624-25\CAD\ELECTRICAL\E SHEETS.DWG	USER NAME = JEFF NOLTE	DESIGNED - JEN	REVISED -
	PLOT SCALE = 4.41/64" = 1"	DRAWN - JEN	REVISED -
	PLOT DATE = 2011-06-17	CHECKED - BEC	REVISED -
		DATE - 2011-05-13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

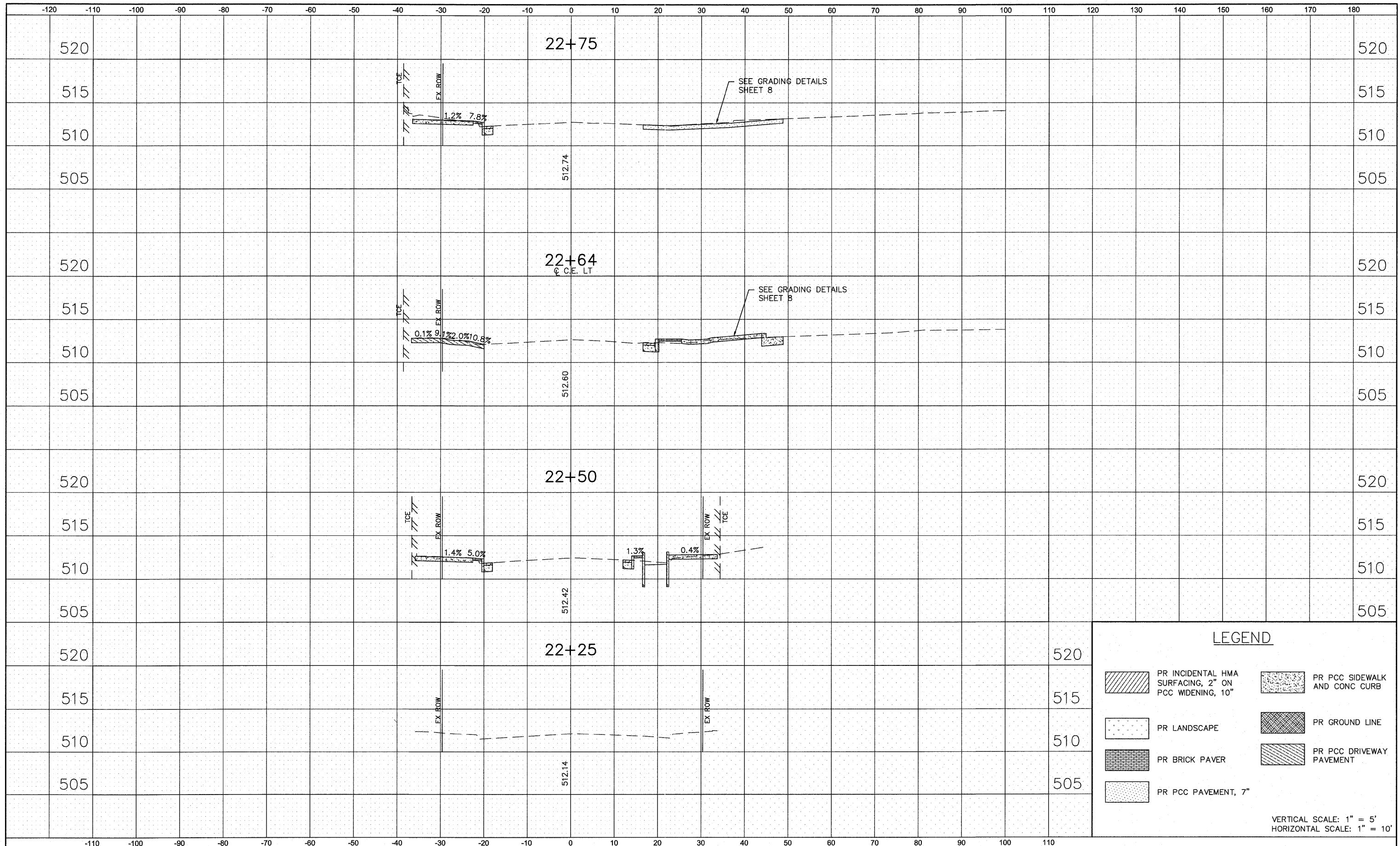
ELECTRICAL DETAILS

SCALE: AS NOTED SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.U. RTE. 9302	SECTION 06-00045-00-SW	COUNTY MONROE	TOTAL SHEETS 24	SHEET NO. 20
CONTRACT NO. 97468				
COLUMBIA ILLINOIS FEDERAL AID PROJECT				

FINAL SURVEY NO.	DATE
SURVISED	
PLOTTED	
TEMPLATE	
NO. OF AREAS CHECKED	

ORIGINAL SURVEY NO.	DATE
SURVISED	
PLOTTED	
TEMPLATE	
NO. OF AREAS CHECKED	

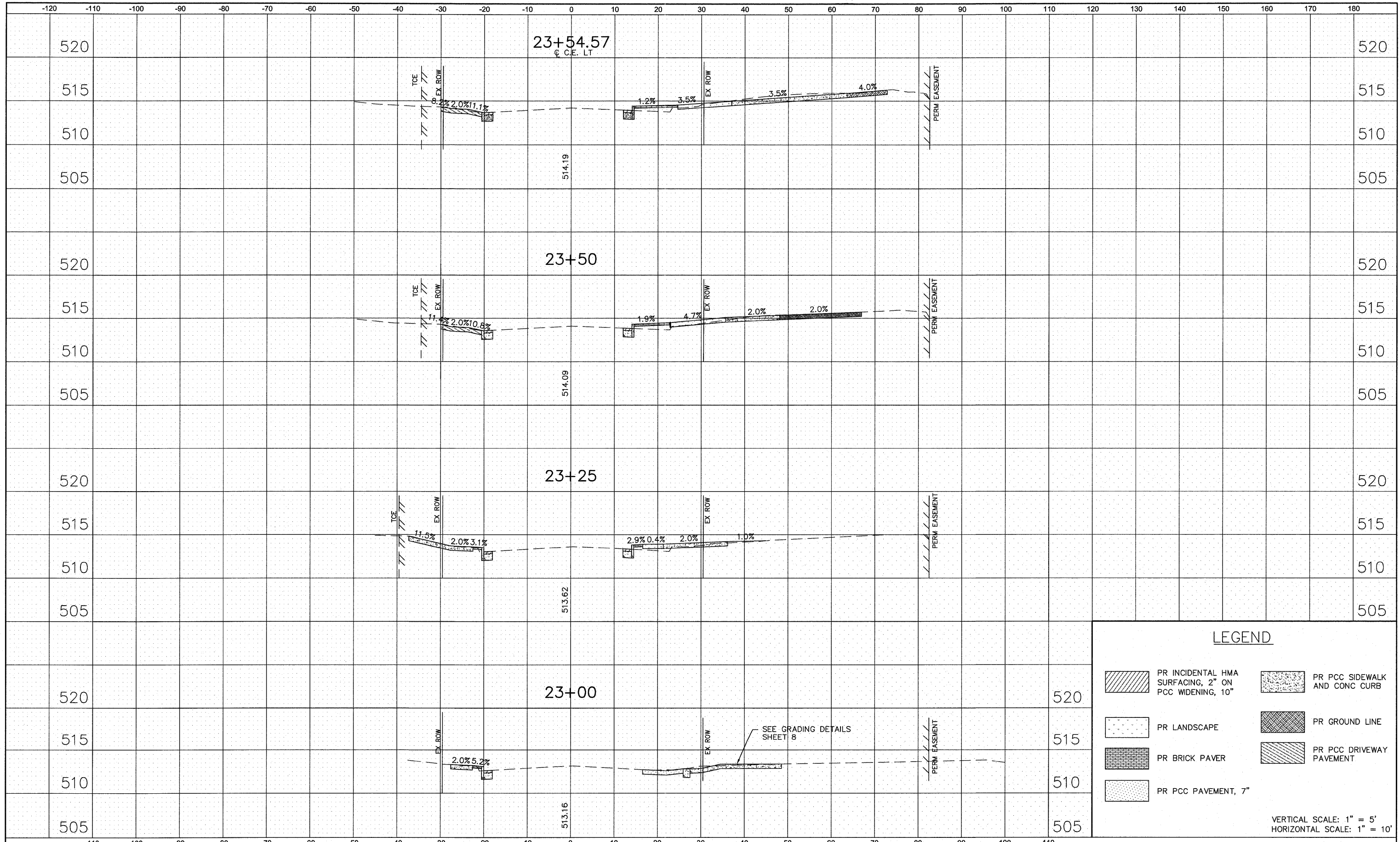


LEGEND			
	PR INCIDENTAL HMA SURFACING, 2" ON PCC WIDENING, 10"		PR PCC SIDEWALK AND CONC CURB
	PR LANDSCAPE		PR GROUND LINE
	PR BRICK PAVER		PR PCC DRIVEWAY PAVEMENT
	PR PCC PAVEMENT, 7"		

VERTICAL SCALE: 1" = 5'
HORIZONTAL SCALE: 1" = 10'

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

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



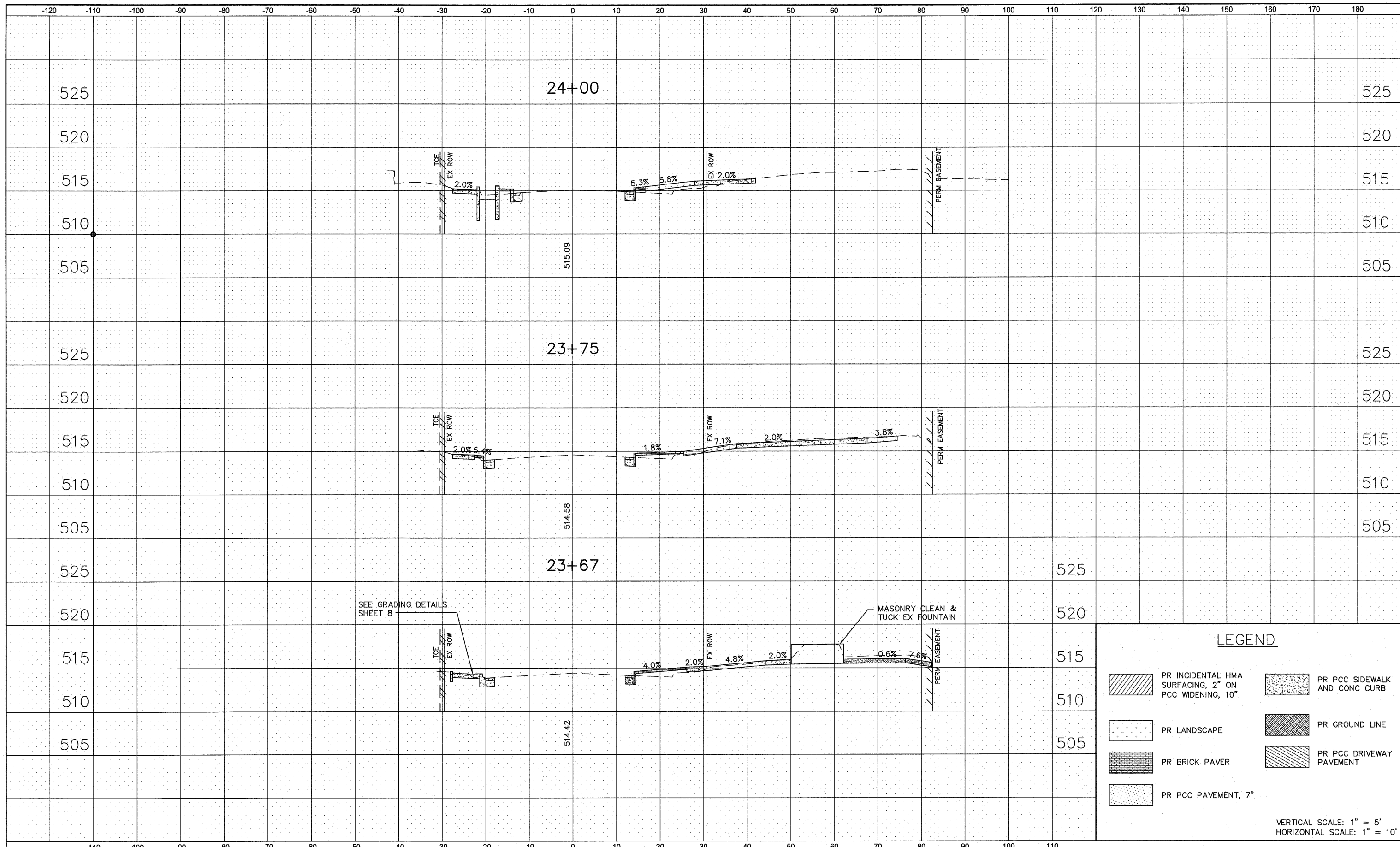
LEGEND			
	PR INCIDENTAL HMA SURFACING, 2" ON PCC WIDENING, 10"		PR PCC SIDEWALK AND CONC CURB
	PR LANDSCAPE		PR GROUND LINE
	PR BRICK PAVER		PR PCC DRIVEWAY PAVEMENT
	PR PCC PAVEMENT, 7"		

VERTICAL SCALE: 1" = 5'
HORIZONTAL SCALE: 1" = 10'

FILE NAME = 25040 - CROSS SECTIONS.DWG	USER NAME = ASHLEIGH ENGELMANN	DESIGNED - SLW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS			F.A. RTE. 9302	SECTION 06-00045-00-SW	COUNTY MONROE	TOTAL SHEETS 24	SHEET NO. 22
		DRAWN - SLW	REVISED -		SCALE:	SHEET NO. 2 OF 4 SHEETS	STA. 23+00 TO STA. 23+54.57	CONTRACT NO. 97468				
		CHECKED - TLC	REVISED -		COLUMBIA ILLINOIS FED. AID PROJECT							
		DATE - 2010-08-18	REVISED -									

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

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



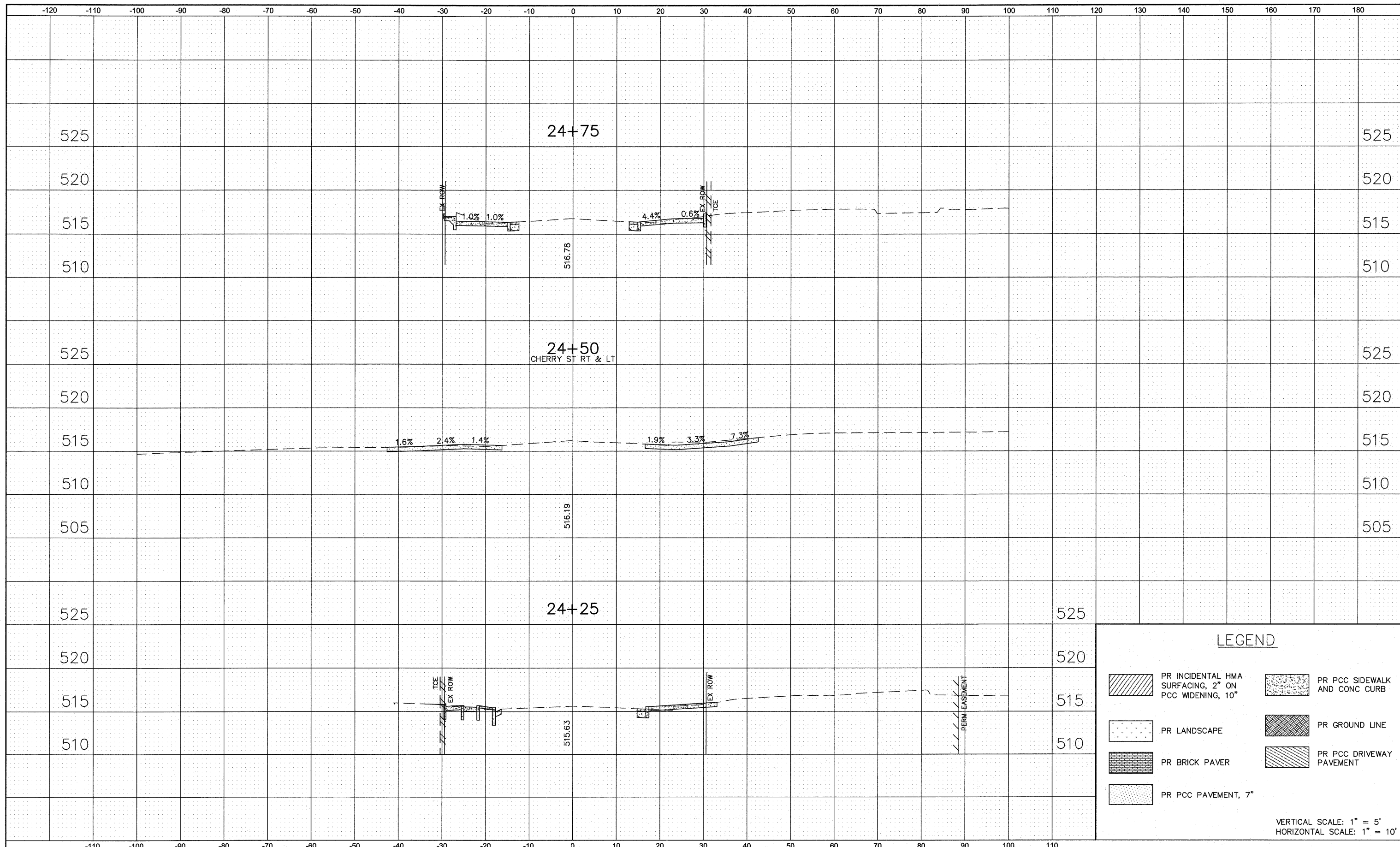
LEGEND

	PR INCIDENTAL HMA SURFACING, 2" ON PCC WIDENING, 10"		PR PCC SIDEWALK AND CONC CURB
	PR LANDSCAPE		PR GROUND LINE
	PR BRICK PAVER		PR PCC DRIVEWAY PAVEMENT
	PR PCC PAVEMENT, 7"		

VERTICAL SCALE: 1" = 5'
HORIZONTAL SCALE: 1" = 10'

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

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



LEGEND			
	PR INCIDENTAL HMA SURFACING, 2" ON PCC WIDENING, 10"		PR PCC SIDEWALK AND CONC CURB
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